

LAFAYETTE

RADIO

ELECTRONICS

OUR 43rd YEAR

1964

CATALOG NO. 640

Buy the EASY-WAY with EASY-RAY
Lafayette's convenient budget plan.

NO MONEY DOWN,
Up To 24 Months To Pay

For complete details see page 412

INDUSTRIAL DIVISIONS - See Page 5 • INDEX - See Page 415



for Electronics, Science and Technology



<p>JAMAICA 33, N. Y. 165-08 Liberty Avenue AXtel 1-7000 Open Mon. & Fri. 'til 8:45 P.M.</p>	<p>NEW YORK 13, N. Y. 100 6th Avenue (Just off Canal St.) WORTH 6-5300 Open Thursday 'til 8:45 P.M.</p>	<p>BRONX 58, N. Y. 542 E. Fordham Rd. FORDHAM 7-8813 Open Thursday 'til 8:45 P.M.</p>	<p>SCARSDALE, N. Y. 691 Central (Park) Ave. (1/2 Mile North of Ardsley Road) GREENLEAF 2-2700 Open Mon., Thurs. & Fri. 'til 9:30 P.M.</p>	<p>MAIL ORDER & L.I., SALES CENTER SYOSSET, L. I., N. Y. 111 Jericho Turnpike Just West of So. Oyster Bay Road Open Mon., Thurs. & Fri. 'til 8:45 P.M.</p> <p>SHOP-BY-PHONE DEPT. 516 WALNUT 1-7500 INDUSTRIAL DIV. PHONE SEE PAGE 5 OTHER DEPARTMENTS — 516 WALNUT 1-7500</p>
<p>ROSLINDEN 10, MASS. 10 Federal Street HUBBARD 2-7850 Open Mon. & Wed. 'til 8:45 P.M.</p>	<p>NATICK, MASS. 1400 Worcester Street (Rt. 9 Opp. Shoppers World) Phone: 875-6146 Open Wed., Thurs., Fri. 'til 9:30 P.M.</p>	<p>NEWARK 2, N. J. 24 Central Avenue MARKET 2-1661 Open Wednesday 'til 8:45 P.M.</p>	<p>PLAINFIELD N. J. 139 W. 2nd Street PLAINFIELD 6-5100 Open Thursday 'til 8:45 P.M.</p>		PARAMUS, N. J. 182 Route 17 (1/2 Mi. N. of Gar. State Plaza) COLIFAX 1-8800 Open Mon., Wed. & Fri. 'til 8:45 P.M.

**NEW
LAFAYETTE
HE-100**

12 TRANSISTOR CITIZENS BAND "WALKIE TALKIE" with Noise Squelch

HOME • INDUSTRY • FARMING • TRUCKING • BOATING • TAXI CABS



Separate Microphone and Speaker for Better Modulation & Increased Range

- Advanced Walkie-Talkie Design
- 12-Transistors, Diode, and Thermistor
- Crystal-Controlled Transmit and Receive
- Superhet Receiver has AVC, Squelch, Push-Pull Audio Output
- Optional Plug-in 117 Volt Power Pack



ANOTHER GREAT LAFAYETTE ACHIEVEMENT IN PORTABLE CITIZENS BAND COMMUNICATION. THE MODEL HE-100 REPRESENTS A GIGANTIC STEP FORWARD IN THE DESIGN AND PERFORMANCE OF 100-MW POWER WALKIE-TALKIES.

The use of a separate microphone facilitates proper input impedance match. This results in excellent modulation with greatly improved transmitting range. No more compromises due to use of the speaker for input as well as output! Separate speaker and microphone assure maximum effective signal intelligibility even under difficult noisy conditions. Superhet receiver has variable squelch to reduce background noise. 12 transistor advanced design circuit is crystal controlled for both receive and transmit functions. Sensitivity is better than 1 microvolt for 10 db signal-to-noise ratio. Easy-to-use, lightweight . . . carry it anywhere for sports or business. Housed in a rugged hi-impact plastic case. Handy controls include push-to-talk switch, volume and variable squelch. Power is supplied by 8 miniature penlight batteries. To conserve battery power, a 117V AC power pack is available as an optional plug-in accessory. Complete with leather case, earphone, for private monitoring, 44" telescoping antenna, batteries and crystals for channel 10. Size: 3Wx9Hx2 3/4"D. Shpg. wt., 2 lbs. Imported.

HE-100L	Net 39.95
2 for	78.88
HE-86L Same as HE-100 but specify channel (2-23)	Net 39.95
2 for	78.88

39.95
NO MONEY DOWN
2 for 78.88

Complete With
Leather
Carrying Case

AC POWER
PACK

No License
Required
For FCC
Part 15
Communications



Crystal

CRYSTALS FOR HE-100

Matched crystals for above. Specify Frequency	
HE-892C Pair	Net 4.50
AC POWER PACK FOR HE-100	
Heavy duty 117-volt 60-cycle AC power supply replaces 8 "Z" cells, Wt. 1 lb.	
HE-97	Net 7.45

NEW! LAFAYETTE HE-75 1-WATT 13-TRANSISTOR CITIZENS BAND "WALKIE TALKIE" WITH SQUELCH

Commercial Quality All-Transistor 2-Way Portable

- 10 Times More Powerful Than 100MW Units—With Far Greater Range
- Uses Powerful Silicon Transistors In Output Stage
- Crystal-Controlled Receive and Transmit
- Automatic Noise Limiter, Squelch, AVC
- Push-Pull Audio Output
- Plug-in Battery Case
- Meets FCC Requirements for Licensed Operation Part 19

Another Lafayette engineering triumph! A full 1-watt RF Input Crystal Controlled 2-way radio with 13 transistors, 3 diodes and a thermistor, that is compact enough to fit in your hand, 10 times more powerful than conventional 100 mw units with far greater range. A powerful 2-stage transmitter with new silicon output transistors delivers a clean signal even at extreme ranges. Superhet receiver features a push-pull audio section for utmost intelligibility and quality voice reproduction. Superior automatic noise limiter effectively reduces ignition and other background noise while a variable squelch silences reception between calls and prolongs battery life. Local/Distance switch and AVC stop distortion at close range— aids in pulling in weak distance signals. Other features include: heavy-duty printed circuit board, rugged hi-impact case, push-to-talk switch, and interchangeable

battery compartment—for either penlight cells or rechargeable nickel cadmium battery. Rechargeable unit can be easily removed for 115-volt AC charging in a wall outlet. Also includes plated telescoping whip antenna, plug-in earphone, leather carrying case, 8 penlight batteries and crystals for channel 13. Size: 3x8x2"D. Imported

HE-75L Shpg. wt., 2 lbs. Net 66.50
2 for 129.00

Rechargeable nickel cadmium battery in sealed compartment.
HE-92 Net 14.50

CRYSTALS FOR HE-75
Matched Crystals For Above. Specify frequency.
HE-892C Net 4.50



66.50 2 for 129.00

OTHER CHANNELS ARE AVAILABLE If desired with any channel other than channel 13, order HE-88L and specify channel. (1-23)

SEE PAGES 270-293, 402-403 FOR ADDITIONAL LAFAYETTE CITIZENS BAND EQUIPMENT

LAFAYETTE

Gives You More In '64

"WORLD'S HI-FI AND ELECTRONICS SHOPPING CENTER"

In 1964, our 43rd year, Lafayette gives you more than ever before. Look through this new, 422-page catalog... see the thousands of electronic and high-fidelity components and parts... choose from hundreds of manufacturers... select the sales Division that applies to you: Mail Order, Retail Store, International or Industrial... and you'll agree that Lafayette gives you more in '64—more than ever before.

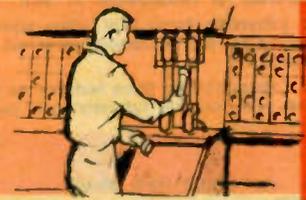


MAIL ORDER & SALES CENTER: 111 Jericho Turnpike, Syosset, L. I., New York

You Get More From Our MAIL ORDER DIVISION

CATALOG SHOP-BY-PHONE DEPT.
516 Walnut 1-7500

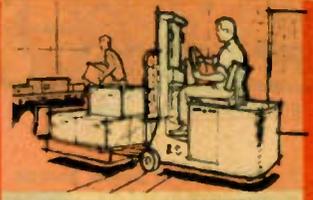
MAIL ORDER AND OTHER DEPTS.
516 Walnut 1-7700



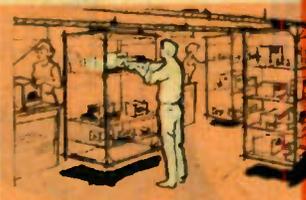
PNEUMATIC TUBES speed your order on its way.



FLOW BINS for speedy hand-selecting of smaller items.



MODERN HEAVY EQUIPMENT for the big loads.



OVERHEAD MONORAIL zips your order to our packing department.



CONVEYOR BELTS take your package to the shipping department.



SEVEN LOADING PLATFORMS start your completed order right to your home.

Our modern Mail Order Headquarters, covering over 8 acres of land, includes the latest type of automatic systems to give you more and faster service in '64—6 times faster.

NO MONEY DOWN—Lafayette's Easy-Pay Credit Plan makes it easier for you to buy now. **NO MONEY DOWN, UP TO 24 MONTHS TO PAY.** Choose the plan that suits you best—Regular, Extended or Alternate 60-Day. Full details on page 412.

Choose Your HI-FI System at A Special Lafayette Price

Select the components to form a hi-fi music system and we will give you a special money-saving price. (A music system consists of an amplifier, speaker and music source—record changer, turntable, tuner or tape deck). **SPECIAL FREE BONUS**—With the purchase of your hi-fi system, you get FREE an

automatic 45 RPM spindle for your record changer, record cleaning kit, stylus pressure gauge, all cables and connectors, and 20-ft. of hook-up cable. **NO CHARGE OR OBLIGATION**—Write to our Audio Division for the special Lafayette price. Be sure to specify the models and components you want.



ALL PRICES AND SPECIFICATIONS in this catalog are subject to change without notice. All shipping weights are approximate.

YOU GET MORE From Our Retail Store Division

10 CONVENIENT LOCATIONS

SYOSSET, L. I., N. Y. 111 Jericho Turnpike
(2 Blocks West of South Oyster Bay Rd.)
Open Mon., Thurs., & Fri. 'til 8:45 P.M.
516 WAlnut 1-7700

JAMAICA, N. Y. 165-08 Liberty Avenue (off Merrick Rd.)
212 AXtel 1-7000—Open Mon. & Fri. 'til 8:45 P.M.

NEW YORK, N. Y. 100 6th Avenue (North of Canal St.)
212 WOrth 6-5300—Open Thurs. 'til 8:45 P.M.

SCARSDALE, N. Y. 691 Central (Park) Avenue
(1/2 Mile North of Ardsley Rd.)
Open Mon., Thurs., & Fri. 'til 9:30 P.M.
914 GReenleaf 2-2700

BRONX, N. Y. 542 E. Fordham Road
212 FOrdham 7-8813—Open Thurs. 'til 8:45 P.M.

NEWARK, N. J. 24 Central Avenue
201 MArket 2-1661—Open Wed. 'til 8:45 P.M.

Visit the Lafayette store nearest you and see a wide assortment of merchandise from the catalog available for your inspection. Trained sales personnel will assist you, and are available to answer your questions. You may buy on time with Lafayette's Easy-Pay Credit Plan (see page 412). And, of course, your satisfaction is guaranteed or money refunded (see page 414).

PLAINFIELD, N. J. 139 W. 2nd Street
201 PLainfield 6-5100—Open Thurs. 'til 8:45 P.M.

PARAMUS, N. J. 182 Route 17 (1 Mile North of Garden State Plaza)
201 COlfax 1-8800—Open Mon., Wed., & Fri. 'til 8:45 P.M.

BOSTON, MASS. 110 Federal Street
617 HUBbard 2-7850—Open Mon. & Wed. 'til 8:45 P.M.

NATICK, MASS. 1400 Worcester Street (Rte 9, opposite Shopper's World)
Phone: 617 969-6100—Open Wed., Thurs., & Fri. 'til 9:30 P.M.



A. Fully Stocked Departments

A Visit our fully-stocked departments—Camera, Furniture, etc. Thousands of catalog items plus a large selection of non-catalog specials too!
B Custom-designed Sound Studios help you select the hi-fi components you like best. A master control panel, operating dozens of different components, enable you to select from hundreds of combinations of hi-fi systems.
C Lafayette's Repair Dept. offers expert repair service for your equipment, in or out of warranty.
D Lafayette's Ham Shack features the latest in ham gear, including Lafayette's own top-quality components.



C. Repair Department

B. Stereo Hi-Fi Sound Studios



D. Up-To-Date Ham Shack



YOU GET MORE From Our International Division

SALES THROUGHOUT THE WORLD

More and more people throughout the world rely upon Lafayette's International Electronics Division where an expert knowledge of packing, crating, shipping and routing assure them of the finest and quickest service. This division specializes in export shipments, not only for quantity industrial and dealer orders but for gifts and single items as well.

WRITE:

Lafayette International Electronics Division
P.O. Box P, Syosset, L.I., N.Y., U.S.A.

PHONE:

516 WAlnut 1-7700

CABLE:

LAFRADELEC SYOSSETNEWYORK

FOR COMPLETE INFORMATION ON EXPORT ORDERS, SEE PAGE 414.

YOU GET MORE From Our Industrial Electronics Division

5-STAR INDUSTRIAL SERVICE

1. COMPLETE STOCK Lafayette maintains a complete inventory, stocked in depth, from more manufacturers than ever before. This catalog contains only a partial listing.

2. LOW FACTORY PRICES You always pay the low factory price at Lafayette. OEM quantity discount prices available on request.

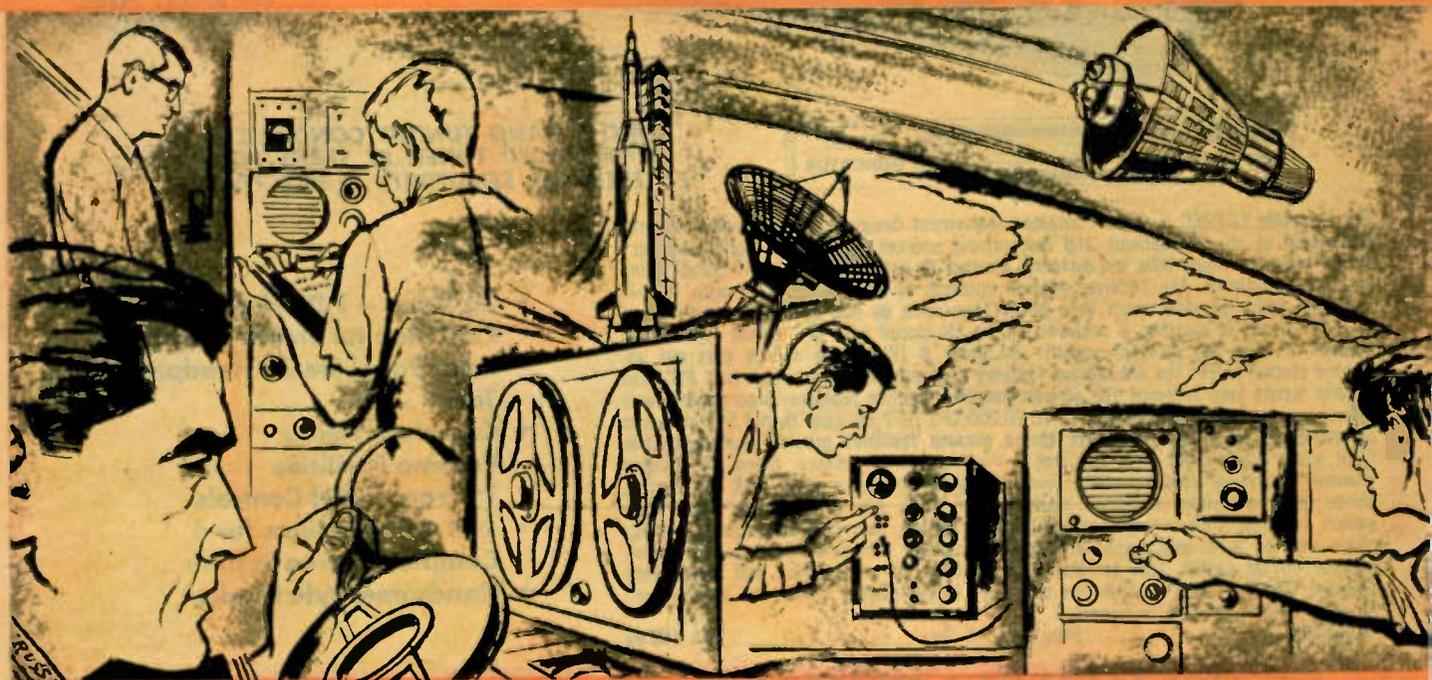
3. SPECIALIZED SERVICE Government Agencies, Industry, Research, Education, Broadcasting, Military—trained industrial personnel are available for technical, price and delivery information.

4. SAME DAY SERVICE Three major industrial warehouses, with modern automation equipment, process and ship your order the same day it is received.

Industrial Concerns, Original Equipment Manufacturers (OEM), Research & Development Laboratories, Institutions, Schools, Colleges, Universities, Government Agencies, Broadcasting Stations—Lafayette gives you more for all your industrial needs. "One Call Does It All" when that call is to Lafayette, "Your One-Step Electronics Source." You save more time and more money with Lafayette's 5-Star Industrial Service.

5. INDUSTRIAL SALES OFFICES Fully-staffed sales centers cut your shipping costs, reduce production delays and consolidate your purchasing, saving you time and money.

SPECIAL TO SEMICONDUCTOR BUYERS Lafayette supplies, from stock, source-inspected JAN, USN, USAF and USA type transistors and diodes for orders with government contracts.



INDUSTRIAL, INSTITUTIONAL and GOVERNMENT AGENCY BUYERS

WRITE OR PHONE FOR COMPLETE, PERSONALIZED SERVICE

METROPOLITAN NEW YORK—NASSAU & SUFFOLK COUNTIES

165-08 Liberty Ave., Jamaica 33, N. Y.

212 OLympia 8-5050

NEW JERSEY

24 Central Ave., Newark 2, N. J.
201 Mitchell 3-6868

NEW ENGLAND

1400 Worcester St., Natick, Mass.
Phone: 617 875-1358

Known Coast-To-Coast for SERVICE • INTEGRITY • DEPENDABILITY

LAFAYETTE LA-226C AMAZING 40-WATT COMPLETE AM/FM STEREO RECEIVER

A Matched AM-FM Tuner plus Built-in Multiplex plus A 40-Watt Stereo Amplifier (20 Watts Each Channel)



189⁹⁵

NO MONEY
DOWN

FOR BUDGET TERMS
SEE PAGE 412



TWO 3-GANG TUNING CONDENSERS
WITH ADDED TUNED RF STAGE FOR
EXCEPTIONAL SENSITIVITY & SELECTIVITY

The Lafayette LA-226C is a self-contained instrument designed for the control and reproduction of all stereophonic and monophonic sources. Features a "pilot monitor" stereo indicator which tells you instantly whether or not an FM station is broadcasting in stereo multiplex. The receiver section consists of an AM/FM tuner with built-in multiplex which provides more than 30 db separation @ 400 cycles. A sensitivity of 2 μ V for 20 db of quieting is achieved by the FM circuit with AFC defeat assuring reception of even the weakest signals. FM noise & filter slide switch cuts out unwanted station noise. The AM section features a superheterodyne circuit with AVC, and built-in ferrite loop antenna. The 40-watt amplifier section features large power transformers and a frequency response of 20-20,000 CPS \pm 2 db. Less than 1.5% harmonic distortion on all modes. Complete stereo preamp facilities provide dual concentric front panel controls for bass and treble, Volume control balance, blend for variable channel separation from 5-position selection switch stereo to mono, (AM, FM, Stereo, phono, AUX) 4-Position Amplifier mode switch (A, B, AB, REV), rumble filter slide switch, loudness slide switch, and on-off power switch. Rear controls include: Speaker phase switch, 8-16 ohm impedance selector switch, dimension control adjustment, speaker on/off switch, jack for stereo headphones, AC outlet, fuse and stereo tape outputs. Complete with a handsome enclosure in contrasting brown and brass—overall size: 17½Wx15Dx5¼"H. Imported.

LA-226CWX Shpg. wt., 45 lbs. Net 189.95

- 20 Tubes — 7 Diodes
- Pilot Monitor Stereo Indicator
- Front Panel Stereo Headphones Jack
- Complete Stereo Preamp Facilities
- 15 Front Panel Controls
- Just add Speakers for a Complete Stereo System
- Handsome Style Leader

SPECIFICATIONS

TUNER: HARMONIC DISTORTION:
.7% on FM for 100% modulation.

FM Freq.-response:

20-20,000 CPS \pm ½ db

FM Sensitivity:

2 μ V for 20 db quieting.

MPX Separation:

30 db @ 400 CPS.

Hum level:

—60 db.

Image rejection:

FM—50 db.

AMPLIFIER: Hum and noise

65 db below full output for low level—

75 db for high level.

Power Output:

20 watts per channel.

Sensitivity:

mag phono 2 mv at full output,

crystal input 30 mv at full output.

Tone Control:

\pm 12 db @ 50 CPS (bass), \pm 9 db @

10 KC (treble)

Output Impedances:

8 & 16 ohms, switch selected.

Input Impedance:

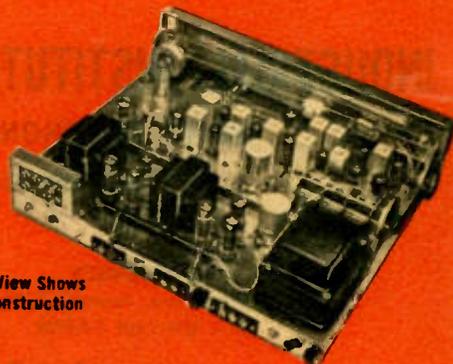
47 K (phono); .22 meg (high level)

Rumble Filter:

— 8 db @ 50 CPS

Phono Equalization: RIAA.

Headphones Jack: on front panel

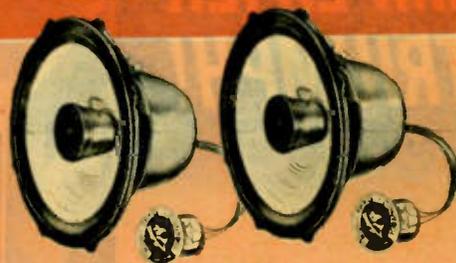


Interior View Shows
Solid Construction

LAFAYETTE 40-WATT Matched Stereo Systems with Model LA-226C AM-FM Stereo Tuner-Amplifier



CHOICE OF STEREO CARTRIDGE



2 SK-58
12" COAXIAL SPEAKERS

**FEATURED
MATCHED COMPONENTS**
LAFAYETTE LA-226C 40-Watt AM-FM
Multiplex Stereo Tuner-Amplifier

GARRARD Model AT6/Mark II 4-Speed Record Changer
Base for Changer (Specify Finish)

PICKERING U38/AT Diamond Needle Cartridge
2-LAFAYETTE SK-58 FREE-EDGE 12" Coaxial Speakers



AT6/MARK II
ON BASE



2 ELIPTOFLEX
ENCLOSURES

**LAFAYETTE
SYSTEM PRICE**

27950

**NO MONEY
DOWN**

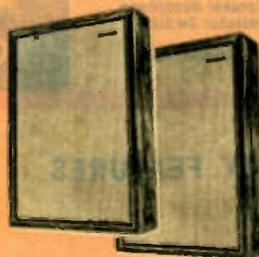
\$15 monthly

ALTERNATE COMPONENTS

Paced by Lafayette's sensational Model LA-226C COMPLETE AM-FM STEREO RECEIVER (matched AM-FM Tuner, plus Built-In Multiplex, plus a 20-watt per channel stereo amplifier), this stereophonic Hi-Fi phono system is truly a gem for quality of performance as well as for unbelievably low price. The Model LA-226C is a handsome style leader that features among many outstanding characteristics, 20 tubes plus 7 diodes; two 3-gang tuning condensers with added tuned RF stage for exceptional sensitivity and selectivity; new Pilot Monitor Stereo Indicator; complete stereo preamp facilities; front panel stereo headphone jack; 15 front panel controls and amazingly fine specifications.

The outstanding Garrard AT6/Mark II automatic 4-speed changer is offered with your choice of fine stereo cartridges for exceptional reproduction of stereo or monaural records. The changer is supplied with an elegant base with finish of your choice.

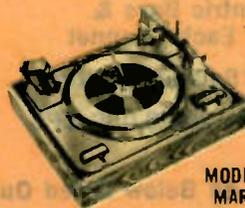
Two Lafayette famous SK-58 12" Coaxial Speakers with free-edge cone and 3" cone tweeter provide superb wide-range reproduction without coloration or distortion.



2 SK-270
DECOR-ETTE II
SYSTEMS



2 SK-300
DECOR-ETTE V



MODEL A/
MARK II
ON BASE

40-WATT MATCHED STEREO SYSTEMS WITH LA-226C

*Be Sure to specify your choice of Pickering U38/AT, Shure M3D, or Empire 880 diamond needle cartridge.

System	Tuner-Amplifier	Garrard Cart-Changer	Base	Speaker	Speaker Cabinet	Shpg. Wt.	Net
LS-215CWXM	LA-226C	AT6/Mark II	* +	2 SK-58	—	79 lbs.	279.50
LS-214CWXM	LA-226C	A/Mark II	* +	2 SK-58	—	86 lbs.	299.50
LS-216CWXM	LA-226C	AT6/Mark II	* +	2 SK-58	2 Eliptoflex ‡	127 lbs.	339.00
LS-213CWXM	LA-226C	A/Mark II	* +	2 SK-58	2 Eliptoflex ‡	135 lbs.	359.00
LS-221CWXM	LA-226C	A/Mark II	* +	2 SK-300	Decor-ette V**	105 lbs.	282.50
LS-213CWXM	LA-226C	AT6/Mark II	* +	2 SK-300	Decor-ette V**	112 lbs.	302.50
LS-220CWXM	LA-226C	A/Mark II	* +	2 SK-270	Decor-ette II**	105 lbs.	342.00
LS-200CWXM	LA-226C	AT6/Mark II	* +	2 SK-270	Decor-ette II**	112 lbs.	362.00
LS-201CWXM	LA-226C	A/Mark II	* +	2 SK-270	Decor-ette II**	112 lbs.	362.00

FOR STEREO BROADCAST RECEPTION ONLY

LS-202CWXM	LA-226C	—	—	2 SK-300	Decor-ette V**	89 lbs.	224.00
LS-203CWXM	LA-226C	—	—	2 SK-270	Decor-ette II**	93 lbs.	283.00
LS-204CWXM	LA-226C	—	—	2 SK-58	2 Eliptoflex ‡	115 lbs.	279.50

* = Specify Oiled Walnut, Mahogany, or Blonde.
‡ = Specify Oiled Walnut, Walnut, Mahogany or Blonde

** = Oiled Walnut Only

FREE!

Free with the purchase of any Hi-Fidelity System listed on this page — Automatic 45 RPM spindle for your record changer, record cleaning kit, stylus pressure gauge, all cables and connectors, and 20 ft. of speaker hook-up cable.



EXCLUSIVE LAFAYETTE STEREO AMPLIFIER TRIUMPH!

24-Watt Stereo Amplifier LA-224

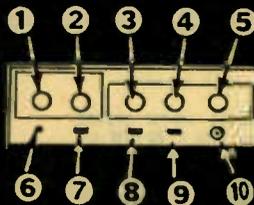
Dual 12-Watt Stereo Amplifier Coupled With a Versatile Stereo Preamplifier... Top Performance!



49⁹⁵ NO MONEY
DOWN
EASY PAY PLAN — SEE PAGE 412

FULL STEREO CONTROLS

- | | |
|--|--|
| ① 3-Position Selector Switch | ⑥ Pilot Light Indicator |
| ② 4-Position mode Switch
—Mono Left, Mono Right,
Stereo, Reverse | ⑦ Rumble Filter Switch |
| ③ Dual Concentric
Treble Control | ⑧ Phase Reverse Switch |
| ④ Dual Concentric
Bass Control | ⑨ Speaker-Headphone
Selector Switch |
| ⑤ Dual Concentric
Volume/Balance Control | ⑩ Headphone Jack |



SPECIFICATIONS

Power Output: 12 watts per channel stereo. 24-watts monaural operation. Frequency Response: 20-25,000 CPS \pm 1db at 1 watt, 50-50,000 CPS \pm 2db at 12 watts. Hum and Noise: Mag Phono — 56db below rated output, Tuner — 73db below rated output. Distortion: less than 1% total harmonic distortion at 12 watts (IKC), less than .25% total harmonic distortion at 1 watt (IKC). Sensitivity: Low Level (Mag Input) 5mv at full output, High Level .6v at full output. Outputs: Dual 8 and 16-ohm impedance speaker outputs. Dual Tape outputs, Tube Complement: Total of 8, 3-12AX7, 4-6GW8, 1-5AR4.

CHECK THESE QUALITY FEATURES

- ✓ Stereo Headphone Jack
- ✓ Independent Concentric Bass & Treble Controls For Each Channel
- ✓ Concentric Volume/Balance Control
- ✓ Frequency Response: 20-25,000 CPS \pm 1 db at 1 Watt
- ✓ Hum & Noise — 73 db Below Rated Output
- ✓ High Sensitivity Allows Use With All Stereo Cartridges

FIRST RATE—make no mistake, don't be misled by Lafayette's low price. This is a Brilliant Stereo Performer . . . an amplifier with wide-range frequency response, low distortion, low hum and noise characteristics you can expect of a quality hi-fi amplifier designed for placement anywhere in your home. A full range of control facilities have been provided to assure complete Stereo capability and flexibility. Two dual concentric Bass and Treble controls provide separate and individual tone controls for each channel. A dual concentric volume Control acts as an independent level control for each channel and allows precise channel balancing. Fast, easy operation between Stereo, Reverse Stereo, Monophonic Left channel and Monophonic Right channel is furnished by a Mode switch. A selector Switch furnishes switching from Aux, Tuner or Phono music sources. In addition slide switches are included for: Rumble Filter (off-on) Phase (normal-reverse) and to take full advantage of the front panel Headphone jack a switch is provided for speaker or phone operation. Paired inputs located on the rear panel accommodate any of the ordinary stereo sound sources—inputs are included for magnetic, crystal or ceramic cartridges; Tuner, tape or auxiliary (high output) plus Tape Out jacks for recording through your tape recorder. Beautifully styled in a low silhouette enclosure, color keyed to do justice to any decor. Ivory and gold front panel is contrasted by gold metal knobs and enclosure. Complete with cage and legs. Size: 5½" L x 13¾" W x 8½" D. For 115V 60 cycle AC operation. Shpg. wt., 20 lbs. LA-224WX Imported Net 49.95

LAFAYETTE 24-WATT MATCHED STEREO SYSTEM

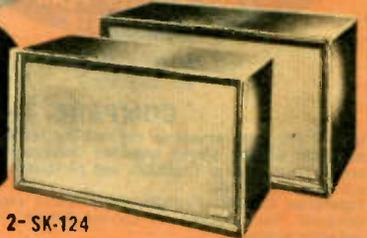
page 1



LA-224



Garrard Autoslim/Mark II
On Base



2- SK-124

YOUR CHOICE OF ONE OF THESE CARTRIDGES



Shure M3D



Empire 880

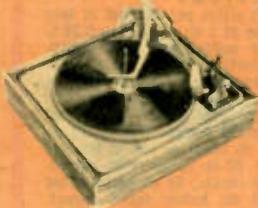


Pickering U38/AT

129.50

NO MONEY DOWN
BUY ON TIME SEE PAGE 412

ALTERNATES



Garrard AT6/Mark II



SK-236 Slenderette II

COMPLETE SYSTEM MATCHED COMPONENTS

Lafayette LA-224 24-Watt Stereo Amplifier
Garrard Autoslim/Mark II 4-Speed Record Changer
Base for Changer (Specify finish)
Pickering U38/AT Diamond Needle Cartridge
2 Lafayette SK-124 Ultra-Compliance 2-way Speaker System
(Specify Walnut or Mahogany)

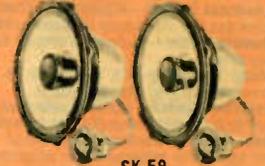
LAFAYETTE SYSTEM PRICE **129.50**

UP TO 24 MONTHS TO PAY SEE PAGE 412

NO MONEY DOWN

- The LA-224 consists of two 12-watt amplifiers coupled with a versatile stereo preamplifier. Provides all stereo controls including front panel headphone jack.
- The 4-speed Garrard Autoslim/Mark II Automatic/Manual changer introduces a new standard of styling, features and performance and is supplied with your choice of stereo cartridges. Excellent stereo reproduction.
- Two Lafayette SK-124 2-way speaker systems offer absolutely gigantic full size performance. Each occupies less than one cu. ft. of space while providing outstanding purity of sound from 40-16,000 cps.

ALTERNATES

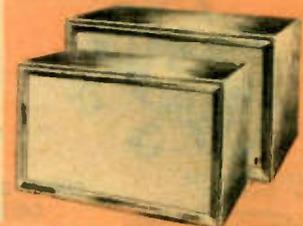


SK-58



SK-180

"Eliptoflex" Enclosures



LAFAYETTE 24-WATT EXPERTLY MATCHED STEREO HI-FI SYSTEMS

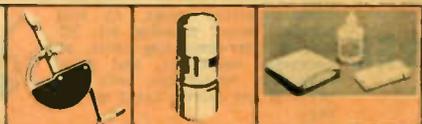
System	Amp.	Garrard Changer	Cartridge*	Changer Base†	Speakers	Spkr. Cabinet	Shpg. Wt. Lbs.	Net
LS-225CWXM	LA-224	Autoslim/Mark II	•	Laff	2 SK-124**	—	64	129.50
LS-226CWXM	LA-224	AT6/Mark II	•	Laff	2 SK-124**	—	67	141.50
LS-222CWXM	LA-224	Autoslim/Mark II	•	Laff	2 SK-236▲	—	78	159.50
LS-223CWXM	LA-224	AT6/Mark II	•	Laff	2 SK-236▲	—	81	171.50
LS-228CWXM	LA-224	Autoslim/Mark II	•	Laff	2 SK-58	—	56	149.95
LS-229CWXM	LA-224	AT6/Mark II	•	Laff	2 SK-58	—	59	161.95
LS-231CWXM	LA-224	Autoslim/Mark II	•	Laff	2 SK-58	2 Eliptoflex††	104	209.95
LS-232CWXM	LA-224	AT6/Mark II	•	Laff	2 SK-58	2 Eliptoflex††	107	225.95
LS-234CWXM	LA-224	Autoslim/Mark II	•	Laff	2 SK-180	—	50	153.95
LS-235CWXM	LA-224	AT6/Mark II	•	Laff	2 SK-180	—	53	165.95
LS-237CWXM	LA-224	Autoslim/Mark II	•	Laff	2 SK-180	2 Eliptoflex††	98	213.95
LS-238CWXM	LA-224	AT6/Mark II	•	Laff	2 SK-180	2 Eliptoflex††	101	225.95
LS-240CWXM	LA-224	Autoslim/Mark II	•	Laff	2 SK-128	—	44	129.50
LS-241CWXM	LA-224	AT6/Mark II	•	Laff	2 SK-128	—	47	141.50
LS-243CWXM	LA-224	Autoslim/Mark II	•	Laff	2 SK-128	2 Mini-Duct ▲▲	92	174.50
LS-244CWXM	LA-224	AT6/Mark II	•	Laff	2 SK-128	2 Mini-Duct ▲▲	95	186.50

*Be sure to specify Pickering U38/AT, Shure M3D or Empire 880 Diamond Needle Cartridge.

- †—Oiled Walnut, Mahogany, Blonde.
- ▲▲—Specify Walnut, Mahogany, Oiled Walnut.
- ††—Specify Walnut, Mahogany, Oiled Walnut, Blonde.
- **—Specify Walnut, or Mahogany.
- ▲—Oiled Walnut Finish.

For detailed descriptions of all components in the above systems, see pages 10, 45-47, 51, 53-55, 79.

FREE —With purchase of any Hi-Fi system on this page. Automatic 45 RPM Spindle, Record Cleaning Kit, Stylus Pressure Gauge, 20' Speaker cable, Connectors and Complete Connecting Information.



"Mini-Duct" Enclosures

SK-128

LAFAYETTE 40-WATT STEREO AMPLIFIER LA-240

Dual 20-Watt Power Amplifiers—Dual Stereo Preamplifiers

7995

EASY BUDGET PLAN
SEE PAGE 412

NO MONEY DOWN
\$5 monthly

One Handsome Compact Unit



COMPARE THESE FEATURES

Use of the most advanced engineering techniques and finest components have resulted in a powerful 40-watt stereo amplifier incorporating two 20-watt power channels and dual pre-amplifier. A level of flexibility and performance have been achieved that can only be compared with the finest units.

Separation Control—Provides continuously variable channel separation from full stereo to full monaural, thus insuring the correct degree of stereo separation for individual listening tastes and room acoustics.

Independent Tone Controls—Concentrically mounted bass and treble controls for each channel.

Volume—Balance Control—Individual level controls for each channel.

Loudness Switch—Allows the volume controls to function as compensated loudness controls and provides the frequency response changes required by the ear at low distortion levels.

Rumble Filter—Reduces rumble from a noisy turntable with a minimum effect on program material.

Mode Switching—Ch A and Ch B slide switches provide for normal stereo, reverse channel, monophonic A or monophonic B.

Selector Switch—Instant selection of Aux, Tuner, Phono or Tape Head Inputs—non-shorting position permits recording and playback using a permanently connected tape recorder.

Hum Balance Controls—Individual hum balance controls for each channel located at the rear for fast, easy minimum hum adjustment.

Full Range of Inputs & Outputs—Inputs: (5 stereo pairs) Dual Aux—Dual Tuner—Dual Ceramic Phono—Dual Mag, Phono—Dual Tape Head; Outputs: Dual Tape Out—Dual 8 and 16-ohm speaker terminals.

Superb Low Silhouette Styling makes the LA-240 an amplifier you'll be proud to display. Gold finish cover is set off by an ivory and gold front panel with gold metal knobs. Complete with cage and legs. Overall Dimensions: 14 1/4" W x 10 1/2" D x 5 3/8" H. For 115V AC operation. Power consumption 185 watts. Shpg. wt., 25 lbs. Imported.

LA-240WX

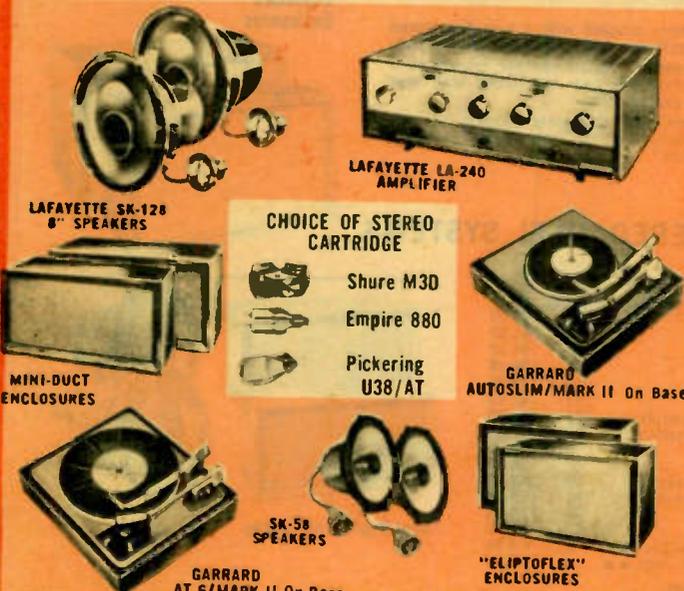
Net 79.95

- Concentric Volume/Balance Control
- Less Than 1% Harmonic Distortion at Rated Output
- Hum & Noise 80 db Below Rated Output
- Frequency Response: 12-100,000 cps \pm 1 db at 1 Watt
- Variable Separation Control Eliminates Exaggerated Channel Separation
- Dual Concentric Bass & Treble Controls
- High Sensitivity Allows Use With All Stereo Cartridges

SPECIFICATIONS

Power Output and Distortion—20 watts per channel at less than 1% total harmonic distortion at 1 Kc. Less than 0.25% total harmonic distortion at 14 watts; less than 0.12% at 1 watt. Intermodulation Distortion, .075% at 1 watt; .34% at 10 watts. Frequency Response: 12 to 100,000 cps \pm 1 db at 1 watt. 50 to 70,000 cps \pm 1 db at full output. Sensitivity: For full output: High level inputs 0.75v Mag inputs 5.5 Mv at 1 Kc. Tone Control Range: Treble: 12 db boost or cut at 10 Kc. Bass: 15 db boost or cut at 50 cps. Hum and Noise: Zero volume hum: 80 db below rated output. Maximum volume hum: High level inputs, 78 db below rated output; Mag. Phono inputs, 50 db below rated output. Outputs: Dual 8 and 15 ohm impedance speaker outputs, Dual Tape outputs. Tube Complement: 4—6BQ5/EL84, 2—6BL8/ECF80, 3—12AX7/ECC83, 1—GZ34/5AR4.

LAFAYETTE 40-WATT MATCHED STEREO SYSTEM



LAFAYETTE LA-240 AMPLIFIER

CHOICE OF STEREO CARTRIDGE

Shure M3D

Empire 880

Pickering U38/AT

GARRARD AUTOSLIM/MARK II On Base

SK-58 SPEAKERS

GARRARD AT 6/MARK II On Base

"ELIPTOFLEX" ENCLOSURES

COMPONENTS

- Lafayette LA-240 40-Watt Stereo Amplifier
- Garrard Autoslim/Mark II 4-Speed Record Changer
- Wood Base for Changer (Specify Oiled Walnut, Mahogany or Blonde)
- Pickering U38/AT Diamond Needle Cartridge
- 2-Lafayette SK-128 8" Bixial Speakers

LAFAYETTE SYSTEM PRICE **14550**

NO MONEY DOWN
\$8 monthly

LAFAYETTE 40-WATT MATCHED STEREO SYSTEMS

*Specify choice of Pickering U38/AT, Shure M3D, or Empire 880 Diamond Needle Stereo Cartridge.

System	Amplifier	Garrard Changer	Cartridge*	1 Base	Speakers	Cabinet	lbs.	Net
LS-353CWXM	LA-240	Autoslim /Mark II	•	†	2 SK-128	••••	50	145.50
LS-354CWXM	LA-240	AT6	•	†	2 SK-128	••••	53	157.50
LS-355CWXM	LA-240	Autoslim /Mark II	•	†	2 SK-128	2 Mini-Duct**	95	189.50
LS-356CWXM	LA-240	AT6	•	†	2 SK-128	2 Mini-Duct**	98	201.50
LS-357CWXM	LA-240	Autoslim /Mark II	•	†	2 SK-58	••••	58	165.50
LS-358CWXM	LA-240	AT6	•	†	2 SK-58	••••	61	177.50
LS-359CWXM	LA-240	Autoslim /Mark II	•	†	2 SK-58	2 Eliptoflex‡	109	223.50
LS-360CWXM	LA-240	AT6 /Mark II	•	†	2 SK-58	2 Eliptoflex‡	109	235.50

*Specify oiled walnut, mahogany or blonde finish.

**Specify walnut, mahogany or oiled walnut.

‡Specify walnut, oiled walnut, mahogany or blonde.

FREE

Stylus pressure gauge, 45 RPM spindle, record cleaning kit, 20" speaker inter-connecting cable, all necessary connectors, and inter-connecting instructions, with purchase of any system listed on this page.



LAFAYETTE 50-WATT STEREO AMPLIFIER MODEL LA-250A



99⁵⁰

NO MONEY DOWN
EASY BUDGET PLAN SEE PAGE 412

Made in U.S.A.

... Impressive Performance
... Handsome Styling
... Another Outstanding Lafayette VALUE!

CLUTCH-TYPE VOLUME-BALANCE CONTROL—Provides precise effective means of controlling volume and balancing stereo channels.



DUAL PREAMPLIFIER SECTION — Inputs have been provided for every stereo-monaural function.



ENGINEERED FOR SUPREMACY

"Let Your Own Ears be the Judge!"

- 50 WATTS MONAURAL — 25 WATTS EACH STEREO CHANNEL
- RESPONSE 15-40,000 CPS \pm .5 DB (at normal listening level)
- UNIQUE "SEPARATION" CONTROL • PREMIUM OUTPUT TUBES
- SEPARATE BASS & TREBLE CONTROLS • CLUTCH-TYPE VOLUME-BALANCE CONTROL • 3rd CHANNEL OUTPUT

brehtaking performance

The Stereo 250A . . . a completely new stereo high fidelity amplifier with a high quality of reproduction, remarkable versatility and new distinctive styling—worthy of a place in the finest stereo hi-fi music system. A full range of controls enables you to enjoy the utmost in listening pleasure in any situation. A unique separation control provides continuously variable channel separation—from full monaural to full stereo—may be used to eliminate the exaggerated channel separation found in some stereo source material. Included is a clutch-type Volume Balance control for independent or simultaneous control of both channels, concentric Bass and Treble controls which provide independent tonal control of each channel and a 4-position switch which selects phono, tuner, auxiliary or Tape head stereo inputs. Simple slide switches pro-

vide channel reversal and phase reversal—or you can reproduce either channel through both amplifiers. A loudness switch permits the volume balance control to function as a compensated loudness control. The LA-250A also features a 3rd channel output which may be used to feed a 3rd single channel amplifier and speaker to provide a wider sound spread, a Tape Output jack for recording purposes, plus dual terminations for 4, 8 or 16 ohm speakers.

Advanced circuitry includes DC operated preamp and tone control tube filaments for hum-free operation, 6CW5/EL86 push-pull output tubes, individual bias and balance adjustments on each channel and a hum balance control.

LA-250AWX

Net 99.50

SPECIFICATIONS:

POWER OUTPUT & DISTORTION: 50 watts—25 per channel \pm 1 db at less than 1% Total Harmonic Distortion at 1 KC. Less than 0.25% Total Harmonic Distortion at 1 KC at normal listening level (1 watt); less than 0.5% 1M distortion at normal listening level.

FREQUENCY RESPONSE: 15-40,000 cps \pm 0.5 db at normal listening level.

HUM & NOISE: 70 db below rated output at max. volume (high level inputs).

SENSITIVITY: For full output high level inputs 0.5V, Mag. Phono 3.5 MV at 1 KC.

CHANNEL SEPARATION: Greater than 55 db at 1 KC; greater than 45 db from 20-20,000 cps.

IMPEDANCE: 4, 8 and 16 ohms per channel.

POWER: 200 watts; 110-125V AC 50-60 cycles

Attractive beige vinyl laminated steel case. Hand-somely designed three color brass etched front panel. Slenna brown molded legs and matching knobs with polished brass inserts. Dimensions with legs and knobs, 14 $\frac{1}{2}$ "Wx12 $\frac{3}{4}$ "Dx5 $\frac{1}{2}$ "H. Shpg. wt., 28 lbs.

A COMPLETE STEREO SYSTEM BASED ON THE SUPERB LA-250A



LAFAYETTE LA-250A
50 WATT STEREO AMPLIFIER

ALTERNATES



2 LAFAYETTE SK-210
12" 3-WAY SPEAKERS

2 LAFAYETTE SK-180
"TRIMELIX" SPEAKERS

ALTERNATE
GARRARD A/MARK II
ON BASE

2 DECOR-ETTE II
SK-270 SYSTEMS



GARRARD
AT-6/MARK II
ON BASE



2 LAFAYETTE
SK-58 FREE-EDGE 12"
COAXIAL SPEAKERS

CHOICE OF STEREO CARTRIDGE			
	Shure M3D	Empire 880	Pickering U38/AT

OPTIONAL



2 "ELIPTOFLEX"
BOOKSHELF ENCLOSURES

THE SMART WAY TO BUY HI-FI!

Take the superb Lafayette LA-250A, surround it with star-studded performers that match in quality and performance, pre-pack the system so it can be offered at substantial savings over cost if bought individually, and you have the most popular Lafayette Stereo Phono System.

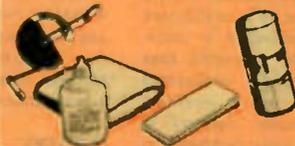
This outstanding system features Lafayette's own LA-250A—50-watt integrated stereo amplifier. The LA-250A offers features, versatility and advanced circuitry seldom found in amplifiers in its price range. A unique blend control allows continuously variable channel separation from full monaural to full stereo. This fine stereo preamplifier and amplifier provides the utmost in listening pleasure in any stereo situation. The LA-250A has been called the "Best amplifier in the market for its price."

Included in the system is the Garrard AT6/Mark II 4-speed record changer or the Garrard A/Mark II 4-speed record changer—both wired for stereo and monaural use. The changer is supplied with your choice of .7 Mil Diamond Stereo Cartridges—Pickering U38/AT, Shure M3D, or Empire 880. The Lafayette Wood Base, specially designed for the changer, is available in mahogany, oiled walnut, or blonde.

These outstanding components are coupled with the famous, free-edge Lafayette SK-58 12" coaxial speakers with built-in cross-over networks and brilliance level controls. System supplied with plugs, cables and easy-to-follow instructions. For complete description of components in this system, and optional equipment, see other pages in this catalog.

FREE

Stylus Pressure Gauge, 45 RPM Spindle, Record Cleaning Kit, 20 ft. speaker connecting cable, necessary connectors and instructions with purchase of any HI-FI stereophonic systems on this page.



MATCHED COMPONENTS

- Lafayette LA-250A 50-Watt Stereo Amplifier
- Garrard AT6/Mark II 4-Speed Record Changer
- Lafayette Wood Changer Base
- Pickering U38/AT Diamond Needle Stereo Cartridge
- 2-Lafayette SK-58 Famous Free-Edge 12" Coaxial Speakers

LAFAYETTE SYSTEM PRICE 199⁵⁰ NO MONEY DOWN
EASY PAY PLAN SEE PAGE 412

LAFAYETTE MATCHED STEREO SYSTEMS

System No.	Garrard Amplifier Changer	Cart.* Base	Speaker	Speaker Cabinet**	Shpg. Wt.	Net
LS-285CWXM	LA-250A AT 6 Mark II	†	2 ea. SK-58	—	67 lbs.	199.50
LS-297CWXM	LA-250A A/Mark II	†	2 ea. SK-58	—	70 lbs.	219.50
LS-287CWXM	LA-250A AT 6 Mark II	†	2 ea. SK-58	2 ea. Eliptoflex	143 lbs.	265.50
LS-301CWXM	LA-250A A/Mark II	†	2 ea. SK-58	2 ea. Eliptoflex	146 lbs.	285.50
LS-289CWXM	LA-250A AT 6 Mark II	†	2 ea. SK-180	—	67 lbs.	203.50
LS-302CWXM	LA-250A A/Mark II	†	2 ea. SK-180	—	70 lbs.	223.50
LS-291CWXM	LA-250A AT 6 Mark II	†	2 ea. SK-180	2 ea. Eliptoflex	143 lbs.	269.50
LS-303CWXM	LA-250A A/Mark II	†	2 ea. SK-180	2 ea. Eliptoflex	146 lbs.	289.50
LS-293CWXM	LA-250A AT 6 Mark II	†	2 ea. SK-210	—	70 lbs.	233.50
LS-304CWXM	LA-250A A/Mark II	†	2 ea. SK-210	—	73 lbs.	253.50
LS-295CWXM	LA-250A AT 6 Mark II	†	2 ea. SK-210	2 ea. Eliptoflex	146 lbs.	299.50
LS-305CWXM	LA-250A A/Mark II	†	2 ea. SK-210	2 ea. Eliptoflex	149 lbs.	319.50
LS-298CWXM	LA-250A AT 6 Mark II	†	2 ea. SK-270	decor-ette II ††	93 lbs.	264.50
LS-306CWXM	LA-250A A/Mark II	†	2 ea. SK-270	decor-ette II ††	93 lbs.	284.50

*Make Certain to Indicate your Choice of Either Pickering U38AT, Shure M3D, or Empire 880 Cartridge.

Eliptoflex-12" shelf type speaker enclosure, † = Specify Mahogany, Oiled Walnut or Blonde base. ** = Specify Mahogany, Walnut, Oiled Walnut or Blonde. †† = Oiled Walnut.

**NEW! LAFAYETTE
"CRITERION"®
STEREO HI-FI
MATCHED CABINETRY**

- **DISTINCTIVE
STYLING**
- **FINEST ACOUSTIC
DESIGN FOR
QUALITY HIGH
FIDELITY
PERFORMANCE**



Page 14

UP TO 24 MONTHS TO PAY — SEE PAGE 412

**LAFAYETTE MATCHED 50-WATT
STEREOPHONIC SYSTEM WITH CRITERION
ELIPTOFLEX SPEAKER CABINET**

Lafayette LA-250A 50-Watt Stereo Amplifier
Garrard AT6/MARK II 4-Speed Record Changer
Wood Base For Record Changer
Pickering U38/AT Diamond Needle Stereo Cartridge
2 Lafayette SK-58 Famous Free-Edge 12" Coaxial Speakers
2 Criterion Eliptoflex Speaker Enclosures
(Specify Walnut, Oiled Walnut, or Mahogany)

SYSTEM PRICE

319⁵⁰

NO MONEY DOWN
\$17 monthly



LAFAYETTE LA-250A
50-WATT STEREO AMPLIFIER



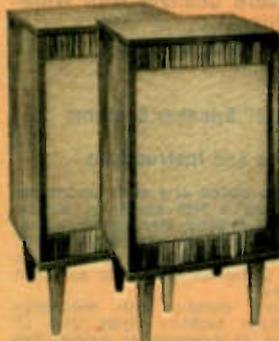
GARRARD
AT 6/MARK II
On Base



PICKERING
U38/AT



2 LAFAYETTE
SK-58 FREE-EDGE 12"
COAXIAL SPEAKERS



2 CRITERION SPEAKER
ENCLOSURES

LA-250A MATCHED HI-FI STEREO SYSTEMS

System	Amplifier	Garrard Changer	Changer Base	Cartridge	Speaker	Eliptoflex Cabinets**	Shpg. Wt.	Net
LS-273CWXM	LA-250A	AT 6/Mark II	†	*	2 ea. SK-58	2-Criterion-Eliptoflex	120	319.50
LS-320CWXM	LA-250A	A/Mark II	†	*	2 ea. SK-58	2-Criterion-Eliptoflex	123	339.50
LS-275CWXM	LA-250A	AT 6/Mark II	†	*	2 ea. SK-180	2-Criterion-Eliptoflex	114	323.50
LS-321CWXM	LA-250A	A/Mark II	†	*	2 ea. SK-180	2-Criterion-Eliptoflex	117	343.50
LS-277CWXM	LA-250A	AT 6/Mark II	†	*	2 ea. SK-210	2-Criterion-Eliptoflex	120	349.50
LS-322CWXM	LA-250A	A/Mark II	†	*	2 ea. SK-210	2-Criterion-Eliptoflex	123	369.50

* Be sure to specify choice of Pickering U38/AT, Shure M3D, or Emple 880 Diamond Needle Cartridge.

† Specify Oiled Walnut, Mahogany or Blonde. ** Specify Oiled Walnut, Walnut, or Mahogany.

FREE!

Stylus Pressure Gauge, Automatic 45 RPM Spindle, Record Cleaning Kit, 20 ft. Speaker connecting cable, all necessary connectors, and interconnecting instructions with purchase of any HI-FI System listed above.



PK-508

PK-223

PK-667

**NEW! LAFAYETTE "CRITERION"®
EQUIPMENT CABINET**

"Component Engineered" By Lafayette's Audio Engineers To Provide Ample, Convenient, Well-Ventilated Accommodations For All Of Your Components. Forms Perfectly Matched Furniture Ensemble with "Criterion" Eliptoflex Speaker Enclosure, as well as with Shelf-Type Eliptoflex listed in systems on preceding page. 3/4" lumber core woods throughout with finished veneers inside as well as out. Smartly styled with tapered legs and tambour sliding doors.

Four compartments for housing turntable or changer, amplifier, tuner, etc. with room for record storage. Shpg. wt., 70 lbs.

- CAB-157WX Walnut Net 89.50
- CAB-158WX Oiled Walnut Net 89.50
- CAB-159WX Mahogany Net 89.50



THE FINEST SOUND - THE LOW, LOW PRICES - ALWAYS!

10-WATT STEREO AMPLIFIER MODEL LA-214

LAFAYETTE - THE NEW!



- 5-Watts of Power Each Channel
- Frequency Response 50 to 20,000 cps \pm 1 db
- Front Panel Stereo Phone Jack
- Dual Concentric Bass and Treble Controls
- Rumble Filter
- Inputs for Ceramic and Crystal Phono, Tuner, High Level Tape
- Beautifully Styled

3750
NO MONEY DDWN
SEE PAGE 412
\$5 monthly

This exciting amplifier is an exceptional value offered by Lafayette. The model LA-214 is a complete amplifier/preamplifier in a highly styled metal cabinet. It will faithfully reproduce such program sources as stereo or monophonic record changers, tuners, and stereo tape player. Features concentric bass and treble controls, rumble filter and front panel jack for stereo headphones. Other controls include Power/on; Volume, Mode selector (4 positions); 3-position program selector and Speaker/Phone switch. On rear panel 8 or 16 ohm speaker impedances may be selected and there is a handy speaker phase switch. Also in-

cluded are a hum adjust and AC convenience outlet. Rugged hand wired circuit is fused for maximum component protection. Power output: 5 watts music power each stereo channel or 10 watts if used monophonically. The amplifier is compact enough to fit in any convenient location such as a shelf, table or bookcase. For 105-125 volts 50/60 cycles AC only. Tube complement: 2-6BQ5, 12AX7, 6CA4. Imported. Size 12 1/2" W x 5H x 7 3/4" D. (with legs). Shpg. wt., 15 lbs.
LA-214W Net 37.50

MATCHED 10-WATT STEREO PHONO SYSTEMS WITH LAFAYETTE LA-214 STEREO AMPLIFIER • BUDGET PRICED QUALITY SYSTEMS • FOR STEREO OR MONAURAL RECORD LISTENING



LA-214

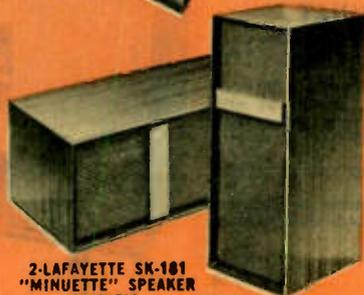
AS LOW AS 8750
NO MONEY DOWN
\$5 monthly



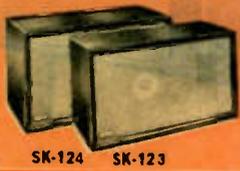
LAFAYETTE-WEBCOR RECORD CHANGER



2 SK-236 SLENDERETTE II



2-LAFAYETTE SK-181 "MINUETTE" SPEAKER SYSTEM



SK-124 SK-123

MATCHED COMPONENTS

- Lafayette LA-214 10-watt Stereo Amplifier
- Lafayette-Webcor 4-Speed Record Changer with Wide-Range Ceramic Turnover Cartridge
- Equipped with Synthetic Sapphire Stylus and LP Diamond Stylus
- Wood Base For Changer
- Two Lafayette SK-181 "Minuette" Speaker Systems or Choice of Alternates
- All necessary Connecting Cables and Instructions

Lafayette offers this complete 10-watt stereo phono system at a price anyone can afford. Specially selected stereo components assure a high quality of musical reproduction with all the depth and dimension of thrilling stereophonic sound. The center of this fine, budget-priced music system is the Lafayette LA-214 10-watt stereo amplifier. Equipped with many features found on higher-priced units, this beautifully styled amplifier provides impressive performance and has sufficient power for any home listening area. System Includes:
PK-770 Lafayette-Webcor 4-speed stereo record changer with wide-range ceramic turnover cartridge equipped with synthetic sapphire stylus, plus LP diamond stylus; Wood Base for changer in choice of mahogany or walnut; Two Lafayette SK-181 "Minuette" Speaker Systems, specially designed to provide a full, rich tone from a compact enclosure and finished in walnut. All systems are supplied with necessary cables and interconnecting instructions.
Alternate choices of speaker systems include the SK-251 "Minuette" (oiled walnut), SK-124 Ultra-Compliance Two-way Speaker system in mahogany or walnut (also available in oiled walnut as SK-123), and SK-236 "Slenderette II" in oiled walnut.

For detailed descriptions of all components in the above systems, see pages 45, 47, 56 and 78.

System	Amp.	Changer	Change-Base	Speaker System	Shpg. wt. lbs.	Net
LS-111CWXM	LA-214	PK-770	+	2 ea. SK-181 Minuette*	43	87.50
LS-112CWXM	LA-214	PK-770	+	2 ea. SK-251 Minuette††	43	89.50
LS-113CWXM	LA-214	PK-770	+	2 ea. SK-124†	64	102.50
LS-114CWXM	LA-214	PK-770	+	2 ea. SK-123†	64	109.50
LS-115CWXM	LA-214	PK-770	+	2 ea. SK-236 Slenderette II††	78	124.50

† Specify Mahogany or Walnut finish
* Walnut finish †† Oiled Walnut finish

LAFAYETTE LT-80B FM TUNER



A BUDGET PRICED TUNER PACKED WITH FEATURES

- Armstrong Circuit Foster-Seeley Discriminator and Dual Tuned Limiters
- AFC • AFC Defeat • Extremely Sensitive — 1.5 μ v for 20 DB Quieting
- 10-Tube Performance — 8 Tubes (2-Dual Purpose) • 20-20,000 Cycles \pm 1/2 DB
- Superb Low Silhouette Styling • 3-Gang Tuning Condenser • Tuned Grounded Grid RF Stage

PIN-POINT TUNING ACCURACY
is provided by this precision tuning meter; evaluates relative strength of the incoming signal... invaluable when tuning weak stations.



4950
NO MONEY DOWN
\$5 monthly

LAFAYETTE COMBINATION PACKAGE 84.45

For Fine FM Multiplex Stereo Reception add Lafayette LT-220 FM Multiplex Adapter to LT-80B FM Tuner.



HTA-18WXM Combination of LT-80B and LT-220 FM Multiplex Adapter Net 84.85

WITH MULTIPLEX JACK FOR MULTIPLEX ADAPTER

Designed and constructed of the finest components, with jewel like precision (each unit is hand wired). Engineered to provide maximum FM versatility, the LT-80B is provided with a multiplex output, jack to accept a stereo FM multiplex adapter. Fly-wheel action tuning control. Tube complement consists of 2-6AQ8, 2-6BA6, 2-6AU6, 1 each 6AL5 and 6X4. Handsome low silhouette enclosure will do justice to any decor. Beautifully finished in gold and white with contrasting black dial face. Complete with cage and legs. Dimensions: 11 3/8" W x 8 D x 4 1/8" H. Imported.

LT-80B Stereo Tuner Net 49.50
Combination of LT-80B and LT-220 FM Multiplex Adapter. HTA-18WXM Net 84.45

LAFAYETTE MULTIPLEX MODEL KT-220 ADAPTER KIT

- Stereo Separation — 30db @ 400 cps • Self-Powered
- Less Than 1% Distortion • Prealigned Coils • Noise Filter (switchable) • 3 Tubes — 2 Dual, 1 Triple-Purpose Tube + Silicon Rectifier • Ideal for Lafayette Tuners Equipped with MPX Output Jacks

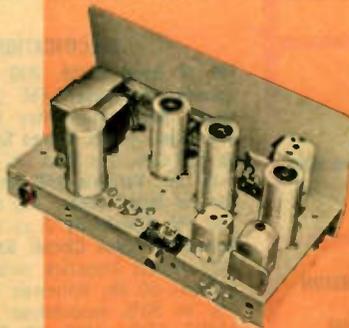
Quality Stereo FM Multiplex At minimum cost

Enjoy thrilling FM Stereophonic sound from any recent Lafayette Tuner or any other quality wide-band FM or FM-AM tuner equipped with multiplex jacks. Hear the full range of audio frequencies in all the realism and magnificence of stereo sound by simply adding this low-cost Lafayette Multiplex adaptor kit. Engineered for anyone to build and operate, the KT-220 is easily connected to your tuners built-in multiplex output and special instructions are provided for connection to tuners without MPX output jacks. Coils are pre-aligned and only minimum adjustments are necessary. Self-powered, the unit may be hidden out of sight or installed remotely from your tuner.

The specifications speak for themselves: Separation — 30db at 400 CPS; Distortion — below 1%, noise filter controls: on-off with pilot light, Separation control. Tubes: 12AU7, 6BN8, 12AX7 plus a silicon rectifier.

The KT-220 Multiplex adaptor is supplied complete with shielded cable for input and output connections; metal case and all parts plus the famous Lafayette detailed kit instruction manual. Front panel is finished in beige and ivory trim with contrasting beige and brown cabinet. Size: 8 1/2" W x 4 3/8" H x 4 3/8" D. For 110-125 volts, 60 cycle AC. Shpg. wt., 4 lbs.

KT-220 Kit Net 19.50
LT-220 Completely wired and tested Net 39.95



KT-220 IN KIT FORM **19⁵⁰**

LT-220 WIRED and TESTED **39⁹⁵**
NO MONEY DOWN \$5 monthly

UP TO 24 MONTHS TO PAY
SEE PAGE 412

LAFAYETTE MODEL LT-78C FM-AM STEREO TUNER with BUILT-IN MULTIPLEX and AUTOMATIC STEREO INDICATOR

NEW!

FEATURES ADVANCED DESIGN FM MULTIPLEX CIRCUITRY, TWO 3 GANG TUNING CONDENSERS WITH ADDED TUNED RF STAGE FOR SUPERB SENSITIVITY & SELECTIVITY



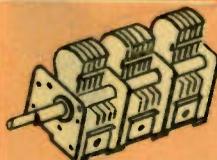
9395

NO MONEY DOWN
UP TO 24 MONTHS TO PAY
SEE PAGE 412

STEREO MONITOR



Gives positive indication of a stereo broadcast. You can't miss a stereo station. Permits accurate tuning of monaural stations too!



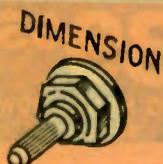
DUPLEX 3-GANG TUNING CONDENSER
Highly sensitive—Pulls in stations with true Hi-Fi Performance



VARIABLE AFC CONTROL
Adds enough compensation to counteract drift with minimum distortion



FM STEREO NOISE FILTER
Reduces annoying high frequency noise



STEREO DIMENSION CONTROL
Factory preset but easily adjustable (if necessary) to achieve optimum separation in your own home

- 20-Tube Performance—12 Tube plus Tuning Eye & Rectifier, 9 Diodes & Tuning Meter
- Automatic Stereo Monitor • MPX Separation 30 db @ 400 CPS. Less than 1% Distortion
- Armstrong Circuit with Dual Tuned Limiters and Ratio Detector • Automatic Frequency Control • Tuned Grounded Grid R.F. Stage on AM & FM • Flywheel Tuning
- Broadband I.F. for AM • Noise Filter Slide Switch • AM Level Control • Stereo Dimension Control

SIMPLICITY, FLEXIBILITY AND SUPERB STYLING have been carefully integrated in this quality tuner. Offering unlimited versatility, the LT-78C features new Automatic Stereo Monitor which shows automatically when you are properly tuned to a stereo broadcast, also helps to tune monaural stations accurately. Has superb AM, FM and FM MULTIPLEX reception. Its low silhouette enclosure can be placed proudly on an open bookshelf or custom installation anywhere in your home. Attractively finished in gold and white with contrasting black dial face for added legibility as well as beauty. A complete set of controls provide for every tuner function. On the front panel there is a mode selection switch with a choice of AM, FM or FM stereo; a power on/off slide switch; variable AFC which is adjustable for tuning in weak stations adjacent to strong stations; flywheel tuning for smooth rapid station selection; a precision tuning meter for pinpointing your station to the strongest signal; a noise filter slide switch for weak stations. On the rear panel there is an AM level control and a stereo dimension control to provide the right separation for your systems. Plate follower output permits using the tuner up to 50 ft. from an amplifier. FM circuitry features an Armstrong grounded grid low noise front end and wide-band ratio detector; superheterodyne AM circuit with 3 stages. AVC and Ferrite loopstick antenna. Imported.

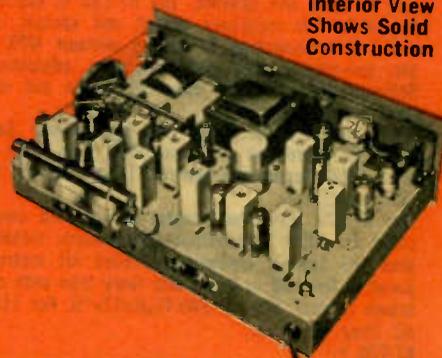
LT-78CWX AM-FM Multiplex Tuner

Net 93.95

SPECIFICATIONS:

FM: IF Band Width: 200 KC—6 db; Frequency Response: FM 20-20,000 CPS; Image Rejection—Better than 40 db; IF Rejection—70 db. Stereo Separation: 30 db @ 400 CPS, less than 1% distortion; Hum—60 db; Variable AFC Control; AM Level Control Noise Filter; 300 ohm antenna input. FM: Sensitivity 2 μ V and 20 DB S/N; Superheterodyne Circuit Bandwidth—8 KC, AVC; Ferrite loopstick antenna; Image Rejection—50 db; Harmonic dist.—less than 1% to 80% modulation. TUBES: 12AX7, 12AU7, 6BE6, 6AV6, (3) 6AU6, (3) 6BA6, (2) 6AQ8, EM-84 tuning eye plus 6X4 rectifier and 9 diodes. Power: 105—125 VAC, 50/60 CPS. Dimensions: 14½Wx5Hx9½"D. Legs add ¾" to height. Shpg. wt., 16½ lbs.

Interior View Shows Solid Construction



LAFAYETTE MODEL LT-81C FM STEREO TUNER with BUILT-IN MULTIPLEX and AUTOMATIC STEREO INDICATOR

NEW!



OUTSTANDING MULTIPLEX STEREO TUNER WITH 10 TUBES, PLUS RECTIFIER AND 8 DIODES.
3 GANG TUNING PROVIDES TUNED RF STAGE FOR EXCELLENT SENSITIVITY AND SELECTIVITY

ONLY

EASY
BUDGET PLAN
SEE PAGE 412

8395

NO MONEY
DOWN

- Automatic Stereo Monitor • Built-in Multiplex Circuit With 30 db Separation @ 400 CPS • Ratio Detector and Dual Tuned Limiters • AFC • AFC Off
- Extremely Sensitive—2.0 μ V for 20 db Quieting • 15-Tube Performance
- Freq. Response 20-20,000 CPS \pm 2 db • Low Silhouette Styling

TRULY remarkable, quality performance and styling that will delight both your eye and your ear. Features Automatic Stereo Monitor tuning eye which automatically indicates an FM stereo broadcast and makes accurate tuning of mono stations easier too! Engineered to provide high quality FM and FM stereo multiplex reception, the LT-81 has an Armstrong circuit and a radio detector with dual tuned limiters. The multiplex circuit provides a stereo separation of 30 db at 400 cycles with less than 1% distortion. Controls consist of Power on/off selector switch for FM, Stereo MULTIPLEX, noise filter; AFC slide switch with "off" position, Stereo dimension control to custom blend stereo reception (in-rear) and Flywheel action tuning control gives velvet smooth tuning action. Two stereo output jacks on rear panel. Tube Complement: (1) 12AU7, (1) 12AX7, (1) 6AV6, (3) 6AU6, (2) 6BA6, (2) 6AQ8, EM-84 tuning eye, plus 6X4 rectifier, and 8-semiconductors. Handsome low silhouette enclosure looks good in any room setting. Beautifully finished in gold and white with a contrasting black illuminated dial face. Complete with cage and legs. Dimensions: 5 $\frac{3}{4}$ "Hx13 $\frac{1}{2}$ "Wx9 $\frac{1}{8}$ "D. 110-120V, 60 cycles AC. Shpg. wt., 12 lbs. Imported.

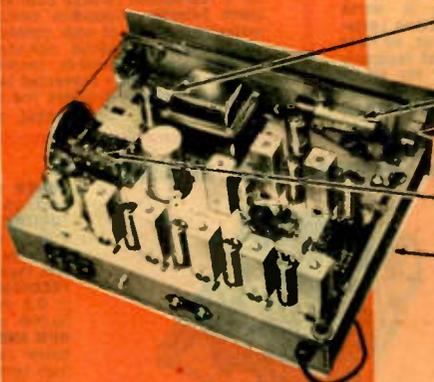
LT-81CWX

Net 83.95



AUTOMATIC STEREO MONITOR

Gives positive indication of a stereo broadcast. You can't miss a stereo station. Permits accurate tuning of monaural stations too!



SMOOTH FLYWHEEL
TUNING

AUTOMATIC STEREO
MONITOR

SOFT PANEL
LIGHTING

3 GANG TUNING
CONDENSER

CLEAN LAYOUT OF
COMPONENTS FOR
COOL OPERATION

LAFAYETTE 50-WATT STEREO AMPLIFIER KIT— The Outstanding "Stereo 250A"



Made in U.S.A.

IN EASY-TO-BUILD
KIT FORM
7450
NO MONEY DOWN
BUY ON TIME, SEE PAGE 412

ASSURANCE OF COMPONENT QUALITY ONE YEAR PARTS GUARANTEE

All Components in this unit are conservatively engineered to operate well within their performance capabilities. As assurance of this quality, Lafayette will replace any parts, including tubes, which fail to perform properly due to defects of material or workmanship.

Hi-Fi Stereo COMMENTS FROM HI-FI AND TECHNICAL PUBLICATIONS

"The KT-250A is distinctly the easiest and fastest to assemble. Point-to-point wiring is used and all capacitors, resistors, etc. are accessible for servicing. I was pleased to see that Lafayette continues to place importance in the Speaker Phasing switch, rather than hide it or ignore it. Also, the KT-250A has a Separation Control, a useful device to overcome exaggerated 'ping-pong' effects in stereo records and tapes."

POPULAR ELECTRONICS

"Any amplifier that's way down in price and way up in performance is worth crowing about. Since Lafayette's 250A fully meets these qualifications, we have no hesitation in stating that we are most favorably impressed with it. Whether you go for the kit or the factory-wired version, it's a safe bet that your 250A will stand very high on the performance-delivered-for-dollar-spent scale."

ADVANCED AUDIO CIRCUITRY INCLUDES

- DC applied to all preamplifier and tone control tube heaters for hum-free operation
- RIAA equalization on phono inputs
- NARTB tape equalization on tape head inputs
- Individual bias and balance controls
- Hum balance Control
- Excellent DC power supply regulation provided by silicon diodes
- Total of 9 tubes, plus 3 silicon diodes—uses premium 6CW5/EL86 output tubes.

The Lafayette KT-250A offers remarkable versatility, high quality of reproduction and new distinctive styling in one convenient low-cost unit. Designed and engineered for ease of assembly, the KT-250A is a fine stereo preamplifier and 50 watt stereo amplifier combined — with all the controls and features to enable you to enjoy the utmost in listening pleasure in any situation. Whether you use it as a stereo amplifier delivering 25 watts per channel or as a powerful 50 watt monophonic amplifier, you are assured of true high fidelity reproduction — free from hum, noise and distortion.

DELUXE FEATURES

Unique Separation Control—A new stereo control which provides continuously variable channel separation—from full monophonic to full stereo. Lets you select the amount of separation you want.

Clutch-Operated Volume Balance Control—Gives you a choice of independent or simultaneous control of both channels—you can use it as a master volume control without disturbing previously selected settings on each channel.

4 Independent Tone Controls—Independent Bass and Treble adjustment for each channel. Concentric mounting for convenience—inner knob controls one channel, outer the other channel.

Mode Switching—Two slide switches provide Normal Stereo—Reverse Channel—Mon A (Channel A reproduced through both channels)—Mon B (Channel B reproduced through both channels).

Input Selector—4-position switch lets you select instantly any one of your connected monophonic or stereo sources—special non-shorting arrangement on one position permits recording and playback using a permanently connected tape recorder.

Loudness Switch—Provides the frequency response

changes required by the ear at low listening levels and permits the Volume-Balance control to function as a compensated loudness control.

Phase Switch—Reverses the phase of one channel electrically—corrects for speakers connected out of phase or for reversed phase recordings sometimes found commercially.

2 Pairs of High Level Inputs—For connection of Tuner, and auxiliary equipment.

3 Pairs of Low Level Inputs—For connection of magnetic phono, crystal/ceramic phono, and tape head.

Main Speaker Outputs—Dual 4, 8 and 16 ohm terminals may be paralleled for 4 or 8 ohm operation at 50 watts.

Tape Output—Provides an output for Tape recording—unaffected by Volume and Tone Controls.

Bridged Output—A monophonic blend of both channels which can be fed to a third single channel power amplifier and speaker for a greater sound spread in stereo. May also be used for listening in another room.

MODEL KT-250AWX

Net 74.50

NO TECHNICAL SKILL REQUIRED



MONEY BACK GUARANTEE

Your Lafayette Kit when properly wired must meet our specifications or you may return it for FULL REFUND of the purchase price.

SPECIFICATIONS

POWER OUTPUT: 50 watts (100 watts peak) 25 watts per channel \pm 1 db. **DISTORTION:** Total Harmonic Distortion \pm 1 db at less than 1% at 1KC at normal listening level (1 watt); I.M. Distortion less than 0.5% at normal listening level. **FREQUENCY RESPONSE:** 15-40,000 cps \pm 0.5 db at normal listening level, 25-50,000 cps \pm 1 db at rated output. **HUM AND NOISE:** Zero volume hum 77 db below rated output; max volume hum high level inputs 70 db below rated output; Mag. phono inputs 50 db below rated output. **Sensitivity:** For full output high level inputs 0.5V; Mag. phono 3.5 MV at 1KC. **CHANNEL SEPARATION:**

Greater than 55 db at 1KC; greater than 45 db from 20-20,000 cps. **SPEAKER AUXILIARY OUTLET:** 1 switched. **TUBE COMPLEMENT:** 4-6CW5/EL86, 2-7199, 3-12AX7, 3 Silicon diodes. **IMPEDANCE:** 4, 8 and 16 ohms per channel. **POWER:** 200 watts; 110-125V AC 50-60 cps. **Size:** 14 1/2" x 5 1/2" x 12 3/4" D. Shpg wt., 28 lbs. Designed for ease of construction, the KT-250A can be assembled in a minimum of time. Assembly manual contains detailed step-by-step instructions guides you every step of the way. Large full-scale pictorials show you where every wire and component goes.

LAFAYETTE 36-WATT INTEGRATED STEREO AMPLIFIER KIT—

The Popular "Stereo 236"

IN EASY-TO-BUILD KIT FORM
59⁵⁰
 NO MONEY DOWN
 EASY BUDGET PLAN SEE PAGE 412



MADE IN U.S.A.

MONEY-BACK GUARANTEE
 Your Lafayette Kit when properly wired must meet our specifications or you may return it for FULL REFUND of the purchase price. See page 414 for full details.

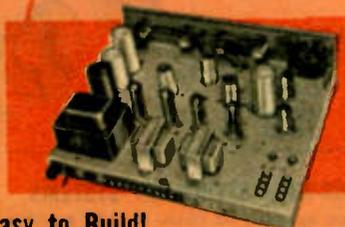
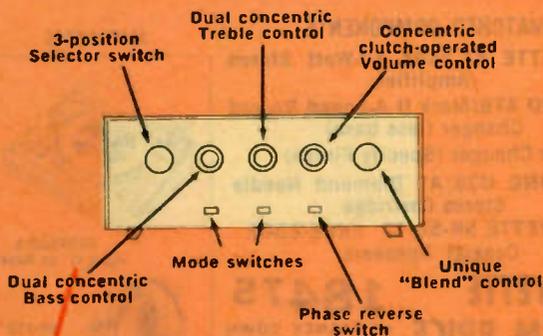
A NEW LOW-COST STEREO AMPLIFIER ANYONE CAN BUILD

Fine wide-range stereo reproduction can be yours when you build this easily constructed 36 watt stereo amplifier (18 watts each channel). The KT-236A provides all the necessary inputs—lets you connect your stereo or monophonic sources permanently, with instant selection provided by the turn of a switch. Has built-in dual preamps for low level phono inputs—RIAA equalized for flat response. It includes a unique "Blend" control which provides continuously variable channel separation from full monophonic to full stereo—you select the exact degree of separation you want. Other features are: Concentric clutch-operated Volume control for independent or simultaneous level adjustment of both channels; Dual concentric Bass and Treble controls—give you 4 independent tonal adjustments; 3-position Selector Switch—Aux-Tuner-Phono; Mode (2 Slide Switches) provide Normal Stereo, Reverse channel, Mon A and Mon B; Phase switch—makes up for reversed-phase recordings sometimes found commercially and also corrects for speakers connected out of phase.

Model KT-236AWX Net 59.50

SPECIFICATIONS: POWER OUTPUT: 36 watts—18 watts per channel ± 1 db. Institute of High Fidelity Manufacturers Rating (72-watt peak). FREQUENCY RESPONSE: 15-30,000 cps ± 1 db at normal listening levels. SENSITIVITY: For full output: High level inputs 0.5v; Mag. Phono 3 mv. DISTORTION: Harmonic, less than 0.15% at normal listening level; IM, less than 3%. HUM AND NOISE: (At full volume) High level inputs 70 db below rated output; Mag. phono 53 db below rated output. CHANNEL SEPARATION: Better than 50 db. SPEAKER OUTPUT IMPEDANCE: 8 and 16 ohms. INPUTS: (Total 8) Dual Aux, dual Tuner, dual Crystal Phono, dual Mag. Phono. OUTPUTS: (Total 4) Dual main speaker output, dual Tape Out jacks. TUBE COMPLEMENT: 4-EL84, 2-7199, 3-12AX7 plus 2 silicon diodes. Attractive beige vinyl laminated steel cabinet. Handsomely designed brass anodized aluminum front panel. Slenna brown molded legs, matching knobs with polished brass inserts. 14% wide x 11 1/2" deep x 5 3/4" high (with legs and knobs). POWER: 180 Watts, 110-125V AC, 50-60 Cycles. Shpg. wt., 24 lbs. 36-watt integrated Stereo Amplifier Kit, complete with deluxe cabinet and legs, all necessary parts and detailed assembly manual.

Deluxe Stereo Controls



"I Rate the KT-236A A Good Buy."

"This is one of the easiest kits to put together. In fact the KT-236A manual is as near to fool-proof as we've seen. Another thing we like is the spacious layout of the chassis. There's plenty of room to work in.
 "A flexible unit, the KT-236A offers just about every control needed to cope with today's stereophonic reproduction."

Comments on the KT-236A

"Excellent instructions. You gave me a real bargain."
Dr. Jack McKenty
 Marshfield, Wis.

"I am very proud of my first effort and satisfied with the KT-236 and its instructions."
Stephen Melnick
 Terryville, N. Y.

"The unit is proving to be superior to any unit in its price range."
Sam Seales
 Eagleville, Tenn.

"This is one of the best, if not the best, presentation I ever saw. The large scale sheets are wonderful. The KT-236 played well on first trial."
Richard C. Monger
 Tennally, N. J.

Easy to Build!

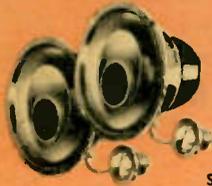
Anyone can build these superb Lafayette stereo kits—no special skill is needed. Assembly manuals contain clearly-worded step-by-step instructions which guide you all the way. Large full-scale pictorials illustrate every stage of assembly—show you exactly where every part goes. Join the thousands who have already discovered this easy low-cost way of owning the finest audio equipment.

DO-IT-YOURSELF and SAVE with these LAFAYETTE Hi-Fi STEREO KIT SYSTEMS

BUILD THIS 36-WATT STEREO KIT SYSTEM



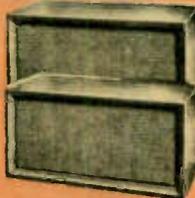
LAFAYETTE
KT-236A



SK-128
SPEAKERS



GARRARD
AUTOSLIM
on Base



"MINI-DUCT"
ENCLOSURES

OPTIONAL

COMPONENTS

LAFAYETTE KT-236A 36-Watt Stereo Amplifier Kit

GARRARD Autoslim 4-Speed Stereo Record Changer (less base)

Base for Record Changer (Specify Finish)

PICKERING U38/AT Diamond Needle Stereo Cartridge

2 LAFAYETTE SK-128 8" Ultra-Linear Bixial Speakers

LAFAYETTE SYSTEM PRICE **139⁹⁵**
NO MONEY DOWN
only \$7 monthly

ALTERNATES



LESA
CD 2/21



SK-58
SPEAKERS



CK-34
"ELIOTFLEX
KITS"

SHOWN
ASSEMBLED

CHOICE OF STEREO CARTRIDGE



LAFAYETTE MATCHED 36-WATT STEREO KIT SYSTEMS

- Heart of this excellent system is the easy-to-assemble K[™]-236A integrated stereo amplifier—A complete stereo control center plus two 18-watt amplifiers in one compact unit. Advanced design features a complete array of controls and inputs.
- Lafayette SK-128 8" Bixial Speakers provide multiple speaker performance with a full even coverage over the entire audible range.
- The renowned Garrard Autoslim Mark II or Lesa CD2/21 4-Speed Record Changer supplied with the stereo cartridge of your choice.
- *Be Sure to Specify Choice of Pickering U38/AT, Shure M3D or Empire 880 Diamond Needle Cartridge.

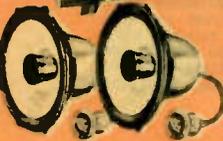
System	Amp. Kit	Changer	Cart-ridge*	Changer Base†	Speak-ers	Shpg. Spkr. Cab. Wt.	Net
LSK-241CWXM	KT-236A	Autoslim**	Choice of	Laf† 2 SK-128	—	48 lbs.	139.95
LSK-242CWXM	KT-236A	Lesa CD2/21	Laf† 2 SK-128	—	50 lbs.	139.95	
LSK-243CWXM	KT-236A	Autoslim**	Pickering U38/AT,	Laf† 2 SK-128	2 Mini-Duct††	91 lbs.	184.95
LSK-244CWXM	KT-236A	Lesa CD2/21	Shure M3D or	Lesa† 2 SK-128	Duct††	93 lbs.	184.95
LSK-245CWXM	KT-236A	Autoslim**	M3D or	Laf† 2 SK-58	—	59 lbs.	159.95
LSK-246CWXM	KT-236A	Lesa CD2/21	Lesa† 2 SK-58	—	61 lbs.	159.95	
LSK-247CWXM	KT-236A	Autoslim**	Empire 880	Laf† 2 SK-58	2CK-34‡	107 lbs.	205.50
LSK-248CWXM	KT-236A	Lesa CD2/21	Lesa† 2 SK-58	2CK-34‡	109 lbs.	205.50	

**=Garrard Autoslim. †=Specify Oiled Walnut, Mahogany or Blonde Base.
††=Specify Walnut, Mahogany or Oiled Walnut ‡=Unfinished Walnut Veneer
For detailed description of all components in the above systems, see pages 19, 49, 55, 57, 73, 79.

Deluxe 50-WATT DO-IT-YOURSELF STEREO KIT SYSTEMS



LAFAYETTE
KT-250A



SK-58
SPEAKERS



GARRARD
AT6/Mark II
on Base



SHOWN
ASSEMBLED
"ELIOTFLEX
KITS"
CK-34
OPTIONAL

MATCHED COMPONENTS

LAFAYETTE KT-250A 50-Watt Stereo Amplifier

GARRARD AT6/Mark II 4-Speed Record Changer (less base)

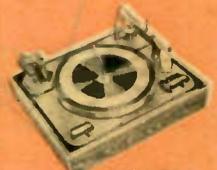
Base For Changer (Specify Finish)

PICKERING U38/AT Diamond Needle Stereo Cartridge

2-LAFAYETTE SK-58 12" FREE-EDGE Coaxial Speakers

LAFAYETTE SYSTEM PRICE **184⁷⁵**
NO MONEY DOWN
\$10 monthly

ALTERNATES



GARRARD A
Mark II on Base



SK-180

CHOICE OF STEREO CARTRIDGE



System	Amplifier Kit	Garrard Changer	Cartridge*	Changer Base†	Speaker Cabinet	Shpg. Wt.	Net
LSK-360CWXM	KT-250A	AT6/Mark II	Choice of	† 2 SK-58	—	80 lbs.	184.75
LSK-367CWXM	KT-250A	A/Mark II	Pickering U38/AT	† 2 SK-58	—	87 lbs.	204.75
LSK-362CWXM	KT-250A	AT6/Mark II	U38/AT	† 2 SK-58	2 CK-34††	128 lbs.	229.75
LSK-368CWXM	KT-250A	A/Mark II	or	† 2 SK-58	2 CK-34††	135 lbs.	249.75
LSK-364CWXM	KT-250A	AT6/Mark II	Shure M3D or	† 2 SK-180	—	74 lbs.	188.75
LSK-369CWXM	KT-250A	A/Mark II	M3D or	† 2 SK-180	—	81 lbs.	208.75
LSK-366CWXM	KT-250A	AT6/Mark II	Empire 880	† 2 SK-180	2 CK-34††	122 lbs.	233.75
LSK-370CWXM	KT-250A	A/Mark II	880	† 2 SK-180	2 CK-34††	129 lbs.	253.75

†Specify Oiled Walnut, Mahogany, or Blonde. ††Unfinished Walnut Veneer
*Be sure to specify choice of Pickering U38/AT, Shure M3D, or Empire 880 Diamond Needle Cartridge.
For detailed description of all components in the above systems, see pages 18, 49, 53, and 79.

LAFAYETTE MATCHED 50-WATT STEREO KIT SYSTEMS

- The KT-250A represents the finest quality in its class—provides everything you could want in a stereo amplifier. Two 25-watt amplifiers integrated with complete stereo control facilities. Provision to expand at a later date with stereo tape deck and/or stereo FM/AM tuner. Features include separate bass and treble controls for each channel and concentric clutch-operated controls for individual or simultaneous level adjustment of each channel.
- Two Famous Lafayette SK-58 12" Coaxial speakers with sheepskin free-edge cone and 3" cone tweeter provide superb reproduction without coloration or distortion.
- Garrard AT6/Mark II 4-Speed Record Changer with 1's record of outstanding reliable performance, supplied with the stereo cartridge of your choice.

FREE Automatic 45 RPM Spindle, Record Cleaning Kit, Stylus Pressure Gauge, 20' Speaker connecting cable, all necessary connectors, and Interconnecting Instructions with purchase of any Hi-Fi System listed on this page.



The KT-550 Criterion® "LABORATORY STANDARD" 100-WATT STEREO BASIC AMPLIFIER KIT

MODEL KT-550
134⁵⁰
IN EASY TO BUILD KIT FORM
NO MONEY DOWN
EASY PAY PLAN SEE PAGE 412

MODEL LA-550
184⁵⁰
COMPLETELY WIRED and TESTED

ASSURANCE OF COMPONENT QUALITY ONE YEAR PARTS GUARANTEE

All Components in this unit are conservatively engineered to operate well within their performance capabilities. As assurance of this quality, Lafayette will replace any parts, including tubes, which fail to perform properly due to defects of material or workmanship.

Flawless Performance

- Conservatively Rated at 50-Watts Per Channel, 100-Watts For Monophonic Use.
- Frequency Response From 2-100,000 cps, +0, -1 db at 1-Watt, 14-45,000 cps, +0 -1 db at 50 watts.
- Distortion Levels So Low They Are Unmeasurable
- Hum and Noise Better Than 90 db Below 50-Watts
- Multiple Feedback Loop Design (over 50 db) Lowers Distortion Without Sacrificing Stability
- Metered Calibration Control Panel With D.C. Bias and AC Balance Potentiometers
- Massive Grain Oriented Silicon Steel Transformers
- New High Power Sensitive 7027A Output Tubes
- Silicon Diode Power Supply
- Effortlessly Drives Today's Low Efficiency Speakers

READ THESE COMMENTS FROM THE CRITICS & TECHNICAL PRESS

ELECTRONICS WORLD "One of the best hi-fi amplifiers on the market."

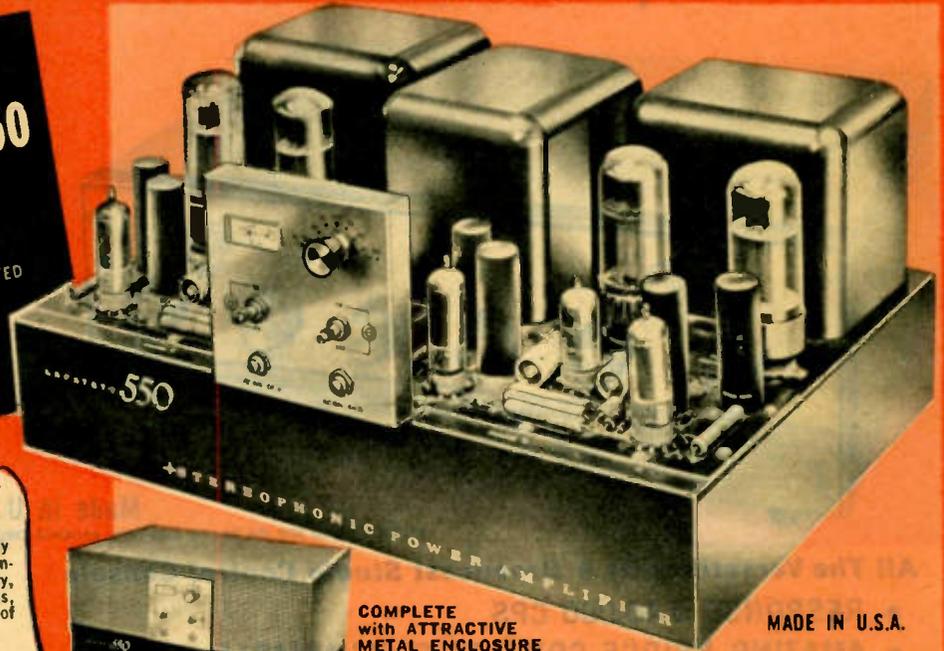
Hi-Fi/Stereo review "The square-wave response of the KT-550 was practically perfect."

AUDIO "We would recommend this amplifier to any audiophile."

HIGH-FIDELITY "United States Testing Company feels the '550' is one of the finest amplifiers it has seen."

TECHNICAL SPECIFICATIONS

Power Output: 50-watts per channel continuous RMS from 20-20,000 cps; 100-watts monophonic operation. Total Harmonic Distortion: Less than .15% at 1,000 cycles at 50 watts each channel, 0.75% from 20-20,000 cps at 50 watts each channel. Intermodulation Distortion: Less than 0.5% at 50-watts equivalent sine wave power, 60 & 7,000 cps, 4:1 ratio. 0.15% at 10-watts equivalent sine wave. Frequency Response: 14-45,000 cps, 0 — 1 db at 50-watts; 2-100,000 cps, +0 — 1db at 1 watt. Sensitivity: 1.0 volt RMS input for 50-watts output. Damping Factor: 15 at 1 kc—16 ohms. Feedback: Over 50db in six multiple loops. Hum and Noise: Better than 90 db below 50-watts. Output Impedance: 4, 8 and 16-ohms. Convenience Outlet: Single A.C. convenience outlet. Fuse: Externally accessible fuse. Controls: 4 Bias Controls, 2 AC Balance Controls. Meter Selector Switch and Power On/Off Switch. Tube Complement: (Total of 10) 4-7027A, 4-6CL6, 2-6BR8A plus 5 Silicon Diodes. Power Consumption: 350-watts.



COMPLETE
with ATTRACTIVE
METAL ENCLOSURE

MADE IN U.S.A.

MONEY BACK GUARANTEE

Your Lafayette Kit when properly wired must meet our specifications or you may return it for FULL REFUND of the purchase price.

Brilliantly conceived, the KT-550 incorporates advanced engineering techniques along with new concepts in audio design to achieve an output of 50-watts per channel for stereo operation, or 100-watts combined output in monaural application. Laboratory and listening studies have shown that the performance characteristics of an amplifier in the non-audible frequency ranges, have a direct effect on the quality of sound in the audible frequency range. Amplifiers limiting their frequency response to slightly above and below the limits of audibility have a tendency toward strident reproduction, a poorly defined low end and an inferior differentiation of instruments in the high overtones. The sound reproducing capabilities of the KT-550 are far in excess of the audible range . . . +0 — 1 db from 2 to 100,000 cps without evidence of ringing or instability.

The conventional approach in amplifier design for lowering distortion has been the use of "single loop" feedback. In contrast the KT-550 utilizes a "multiple loop" design to increase the degree of feedback and thus achieve phenomenally low distortion and high stability, with an absolute absence of listening fatigue. The ratio of these "multiple loops" are adjusted to the relative degree of distortion produced. If one stage has twice the distortion of another, twice as much feedback is applied to it. This technique results in a 20/1 to 30/1 reduction in distortion as compared with a 10/1 to 20/1 reduction in conventionally designed units.

Every component part of the KT-550 was carefully chosen to complement its overall excellence. Special output transformers were designed to entirely utilize the broad band circuitry—fully potted, massively designed and constructed with grain oriented silicon steel cores in 11 winding sections, as opposed to 5 or 7 sections in normal audio transformers. To meet exacting professional specifications and insure optimum performance the KT-550 employs a metered calibration control panel.

Engineered for the kit builder, the KT-550 incorporates two printed circuit boards—virtually eliminates any possibility of error. Lafayette's famous step-by-step instruction manuals plus large pictorials provide ease of assembly even for the most technically inexperienced—assures performance equal to the original, custom-built laboratory model. Handsomely finished in contrasting brown and beige with control panel finished in brass. Complete with all components including attractive beige finish steel cover, with built-in handles. 17½Wx12½Dx8¾"H. For 110-125V 50/60 cycle operation.

KT-550WX Shpg. wt., 60 lbs. Net 134.50

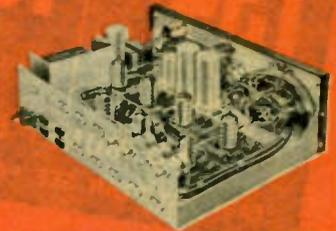
Dual 50-watt stereo amplifier as above, wired and tested. Net 184.50

LA-550WX Net 184.50

Lafayette Criterion™ KT-600A Stereo Pre-Amplifier Master Control Center



MODEL KT-600A	LA-600A
79⁵⁰	134⁵⁰
EASY-TO-BUILD KIT FORM NO MONEY DOWN	COMPLETELY WIRED AND TESTED



Made in U.S.A.

PATENTS APPLIED FOR ON BRIDGE AND NULL BALANCE CIRCUITRY.

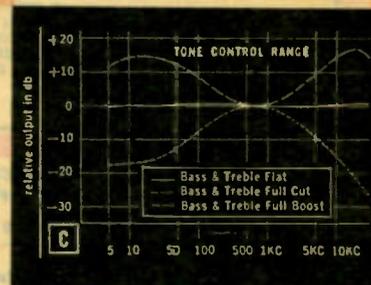
Highest Quality Components—Costly deposited metal film resistors and 5% mica capacitors insure long life and peak performance.

All The Versatility Of A Broadcast Studio Control Console

- RESPONSE 5-40,000 CPS
- AMAZING BRIDGE CONTROL FOR VARIABLE 3rd CHANNEL OUTPUT
- HIGHLY PRECISE "NULL" BALANCING & CALIBRATION
- TAPE HEAD PLAYBACK EQUALIZATION FOR NEW 4-TRACK STEREO
- 4-AUXILIARY AC OUTLETS

The KT-600A represents a brilliant stereo achievement. This "no-compromise!" stereo preamplifier and control unit offers unlimited versatility, includes every feature necessary for the finest reproduction. It has a total of 12 input jacks (6 stereo pairs) for program sources of any type and level—all of which may be selected by front panel control. Separate turn-over and roll-off switches provide 24 positions of correct equalization—independent for each channel. Dual concentric stereo function selector for maximum flexibility in controlling selected program sources. A unique Bridge Control provides continuously variable channel separation from full mono to full stereo, or it can optionally be used to regulate the 3rd channel output. A clutch-operated Volume Balance Control provides independent or simultaneous level adjustment of channels. Low impedance Plate Follower outputs are used, and a host of many other professional type features.

KT-600AWX Stereo Preamplifier Kit No Money Down Net 79.50
 LA-600AWX Stereo Preamplifier, wired and tested No Money Down Net 134.50



Proof of Performance

ASSURANCE OF COMPONENT QUALITY

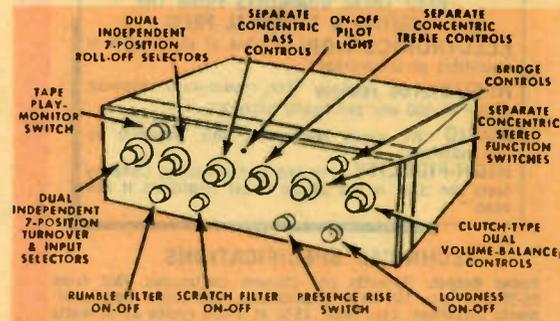
ONE YEAR PARTS GUARANTEE

All Components in this unit are conservatively engineered to operate well within their performance capabilities. As assurance of this quality, Lafayette will replace any parts, including tubes, which fail to perform properly due to defects of material or workmanship.

SPECIFICATIONS

FREQUENCY RESPONSE: 5-40,000 cps \pm 1 db. **DISTORTION:** Less than 0.05% IM at 2 volts out; Less than 0.1% Harmonic, at 2 volts out. **SENSITIVITY:** Low Level 2.2 mv for 1 volt out; high level 94 mv for 1 volt out; Tape Head inputs 1.8 mv for 1 volts out. **HUM AND NOISE:** High level inputs better than 80 db below 2.0 volts; low inputs better than 62 db below 2.0 volts. **INPUT IMPEDANCES:** High level—250K ohms; Mag—96K ohms; Ceramic—96K ohms in series with 68 uf; Tape Head—470K ohms. **OUTPUT IMPEDANCES:** Main Outputs—1500 ohms; Tape Outputs—2700 ohms; Bridged Output—1100 ohms. **TONE CONTROL RANGE:** Bass \pm 15 db at 30 cps; Treble \pm 15 db at 10Kc. **RUMBLE FILTER:** 12 db/octave slope, down 15 db at 30 cps. **SCRATCH FILTER:** 12 db/octave slope, down 15 db at 15Kc. **CROSSTALK:** Greater than 55 db separation between channels. **AUXILIARY AC OUTLETS:** 4, 1 unswitched. **TUBES:** 7-7025, 2-Selenium Rectifiers. **POWER REQUIREMENTS:** 35 Watts, 105-125 volts AC, 50/60 cycles. **SIZE:** 14Wx4¹/₂Hx11¹/₂"D, not including projections. Shpg. wt., 16 lbs.

Comments from the CRITICS and TECHNICAL PRESS!



AUDIO

"This is a skillfully engineered unit incorporating almost every mono and stereo function of value that has yet appeared."

high fidelity

"The Lafayette KT-600 is unquestionably one of the most flexible stereo control units available today. Its flexibility is complemented by overall performance comparable to manufactured units selling for far more than its modest price. For all practical purposes may be considered a distortionless device."

ELECTRONICS WORLD

"It incorporates just about all the features one could hope to find on a single chassis."

MONEY BACK GUARANTEE
 Your Lafayette Kit when properly wired must meet our specifications or you may return it for FULL REFUND of the purchase price.

NOW YOU CAN AFFORD.... The Very Finest

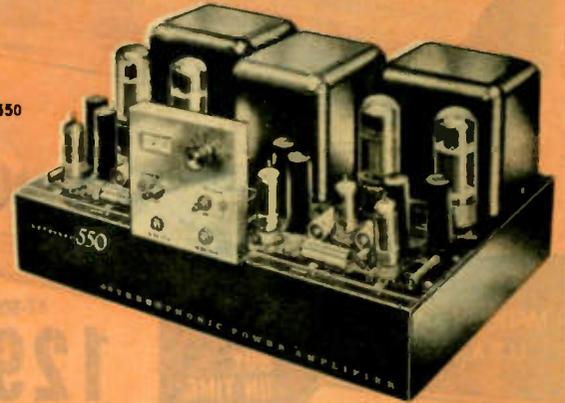
LAFAYETTE BUILD-IT-YOURSELF PROFESSIONAL 100-WATT STEREO SYSTEM

Take the Smart Approach Toward Stereo—Build your system the Lafayette way—the Kit way. Nothing can compare to the feeling of personal pride and sense of achievement derived from "doing-it-yourself." For many who have always wanted the finest High Fidelity equipment, but have found the cost of factory-wired units prohibitive, Lafayette Kits offer the ideal solution. Indeed the quality of your home stereo system need be no different from that of a professional studio. Specially selected and matched, this Lafayette Kit stereo system offers you professional performance at far less than factory-wired units.

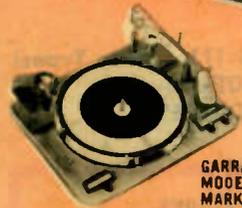
COMPONENTS



KT-600A



KT-550



GARRARD
MODEL A
MARK II



Changer
Base



SK-215



YOUR CHOICE OF
ONE OF THESE
CARTRIDGES



Pickering U38/AT



Shure M3D



Empire 880

MATCHED COMPONENTS

Lafayette KT-600A Stereo Preamplifier Kit
Lafayette KT-550 Dual 50-Watt Basic Stereo Amplifier Kit (with enclosure)
2 Lafayette SK-215 15" 3-Way Speakers
Garrard Model A/Mark II Record Changer (less base)
Base for Changer (Specify Finish)
Pickering U38/AT Diamond Needle Stereo Cartridge

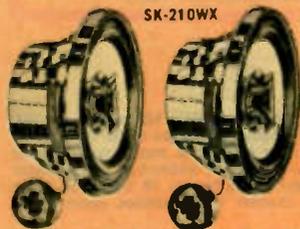
NO MONEY DOWN

414⁵⁰

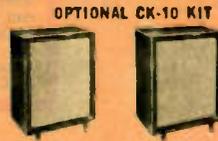
LAFAYETTE KIT
SYSTEM PRICE

EASY PAY PLAN SEE PAGE 412

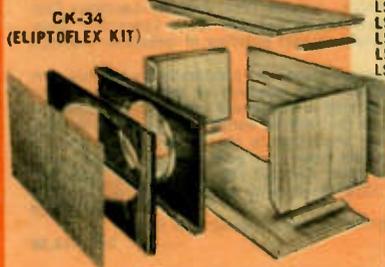
ALTERNATES



SK-210WX



(SHOWN ASSEMBLED)



CK-34
(ELIPTOFLEX KIT)

- The KT-600A offers all the versatility of a broadcast studio control console, yet is designed specifically for the kit builder.
- Heart of the system is Lafayette's KT-550 "Laboratory Standard" dual 50-watt basic stereo amplifier. Utilizes advanced multiple feedback loop circuitry and offers distortionless performance.
- The 4-speed Garrard Model "A/Mark II" automatic turntable is offered with your choice of stereo cartridges and is ideal for stereo.
- Two Lafayette SK-215 3-way 15" speakers feature a 5 lb. Ceramic magnet and built-in crossover network. Provides a breathtaking purity of sound from 20 to 20,000 cps.

LAFAYETTE 100-WATT EXPERTLY MATCHED DELUXE STEREO KIT SYSTEMS

*Be sure to specify Pickering U38/AT, Shure M3D or Empire 880 Diamond Needle Cartridge

System	Amp. Kit	Preamp Kit	Garrard Changer	Cartridge*	Changer Base	Speaker	Speaker Cabinet Kit	Shpg. Wt., lbs.	Net
LSK-359WXM	KT-550	KT-600A	Model A/Mark II	Choice of Pickering U38/AT, Shure M3D or Empire 880	Laf †	2 SK-215	—	175	414.50
LSK-360WXM	KT-550	KT-600A	Model A/Mark II		Laf †	2 SK-215	2 CK-10	283	469.50
LSK-361WXM	KT-550	KT-600A	Model A/Mark II		Laf †	2 SK-210	—	135	374.50
LSK-362WXM	KT-550	KT-600A	Model A/Mark II		Laf †	2 SK-210	2-CK-34	183	419.50
LSK-367WXM	KT-550	KT-600A	Model AT6/Mark II		Laf †	2 SK-215	—	168	394.50
LSK-368WXM	KT-550	KT-600A	Model AT6/Mark II		Laf †	2 SK-215	2 CK-10	276	452.50
LSK-369WXM	KT-550	KT-600A	Model AT6/Mark II		Laf †	2 SK-210	—	128	354.50
LSK-370WXM	KT-550	KT-600A	Model AT6/Mark II		Laf †	2 SK-210	2 CK-34	176	398.50

† = Specify Mahogany, Walnut or Blonde

For detailed descriptions of all components in the above systems, see pages 27, 28, 48, 50, 73, 74 and 79.

FREE

FREE with purchase of any HI-FI Stereo Kit System above! Stylus Pressure Gauge, Record Cleaning Kit, Speaker Connecting Cable, Automatic 45 RPM Spindle and Clear Interconnecting Instructions.



LAFAYETTE Criterion™ 120-WATT ALL-TRANSISTOR STEREO AMPLIFIER KIT KT-900



MADE IN
U.S.A.

BUY
ON TIME,
SEE
PAGE 412

KT-900

LA-900

129⁵⁰ **189⁵⁰**

EASY-TO-BUILD KIT FORM

COMPLETELY WIRED
AND TESTED

NO MONEY DOWN

ASSURANCE OF COMPONENT QUALITY

ONE YEAR PARTS GUARANTEE

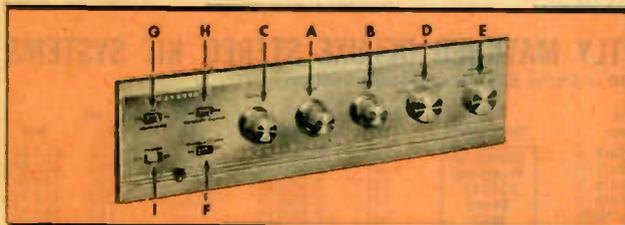
All Components in this unit are conservatively engineered to operate well within their performance capabilities. As assurance of this quality, Lafayette will replace any parts, less transistors which fail to perform properly due to defects of material or workmanship. See Page 414.

PRE-RIVETED MECHANICAL PARTS ...
NEW HANDSOME STYLING ...
OUTSTANDING PERFORMANCE ...
SUPERB FEATURES ...

- Heat-Free All-Transistor Lifetime Circuitry
- Separate Concentric Bass, Treble and Volume Controls
- Exceptionally Low Hum and Noise Characteristics
- Wide Selection of Stereo Inputs for Program Sources
- Easy to Wire Printed Circuit Boards

MONEY BACK GUARANTEE

Your Lafayette kit when properly wired must meet our specifications or you may return it for FULL REFUND of the purchase price, less only transportation charges.



- A. Concentric Bass Control
- B. Concentric Treble Control
- C. Concentric Volume Control
- D. Stereo Mode: R, L, Stereo, Stereo Reverse
- E. Input Selector: Phono, Tape Head, Tuner, Aux.
- F. Rumble Filter Switch
- G. Loudness Control Switch
- H. Scratch Filter Switch
- I. Power Switch

*Finest
Reproduction
with Plenty
of Power for
any Speakers*

- 120 Watts (60 Watts Per Channel)—
8 ohms.
- 76 Watts (38 Watts Per Channel)—
16 ohms.
- 76 Watts (38 Watts Per Channel)—
4 ohms.

22 TRANSISTORS (11 Power Types)
10 SILICON DIODES plus
4 GERMANIUM DIODES

SPECIFICATIONS

Frequency Response: 5 to 25,000 cps \pm 1 db at rated power. Harmonic Distortion: .5% at rated power. IM Distortion: Less than 1%. IHFM Music Power Output: 60 watts per channel (8 ohms) 38 watts per channel (16 ohms & 4 ohms). Hum & Noise: -68 db Magnetic Phono, -75 db Tuner. Inputs: Magnet Phono, Ceramic Phono, Tape Head, Tuner, Auxiliary. Controls: Separate Concentric Bass, Treble, Volume; Stereo Mode: R Channel, L Channel, Stereo, Stereo Reverse. Input Selector: Phono, Tape Head, Tuner, Auxiliary, Rumble, Filter Switch—Scratch Filter Switch—Loudness Control Switch—Power Switch—2AC convenience outlets (in rear).

Lafayette engineering research now brings to the high-fidelity kit builder an outstanding 120-watt stereo amplifier with all the obvious advantages of its ingeniously designed transistor circuitry. This amazing circuitry features a music output power of 60 watts per channel into an 8 ohm speaker—a feat of distinction in transistor circuitry performance for an integrated amplifier! 76 watts into 16 ohms, 38 watts per channel; 76 watts into 4 ohms, 38 watts per channel. Instantaneous, unsurpassed clean musical reproduction.

Full complement of controls: Separate Concentric Bass, Treble, Volume; Stereo Selection; R channel, L channel Stereo, Stereo Reverse. Input Selector: Phono, Tape Head, Tuner, Auxiliary. Rumble Filter Switch—Scratch Filter Switch—Loudness Control Switch—Power Switch—2 AC convenience Outlets (in rear). Concentric Bass, Treble and Volume Controls facilitates custom channel blending of individual channels and once set, serve as master controls.

Heat-Free operation, extremely low power consumption; practically no audible hum and noise; characteristic reliability, stability and longevity of transistor operation coupled with the neatness and ease of printed circuit board construction make this Lafayette amplifier a delight to build—one that any kit builder will be proud to own. All sockets, terminal strips, lugs etc. are preriveted to chassis for easy assembly. Attractive gold anodized extruded aluminum panel and gold anodized knobs. Complete with walnut vinyl covered metal case. For 105-120 volt, 50 60 cycle AC. Size: 13 $\frac{3}{8}$ " wide, 4" high (with legs), 12 $\frac{3}{8}$ " deep (with knobs). Shpg. wt., 25 lbs.

KT-900WX

Net 129.50

Dual 60-watt All-Transistor Stereo Amplifier as above, wired and tested.

LA-900WX

Net 189.50

UP TO 24 MONTHS TO PAY • EASY BUDGET PLAN SEE PAGE 412

LAFAYETTE



CHOICE OF STEREO CARTRIDGE

KT-900

*Expertly Matched
Stereophonic Hi-Fi Systems*
with **120-WATT
ALL-TRANSISTOR
AMPLIFIER KIT KT-900**



PICKERING U38/AT or SHURE M3D or EMPIRE 880



GARRARD AT6/MARK II



2 SK-58 SPEAKERS

FEATURED COMPONENTS

- Lafayette 120 Watt All-Transistor Amplifier Kit KT-900
- Garrard AT6/Mark II 4-Speed Record Changer
- Base for Record Changer (Specify Oiled Walnut, Mahog. or Blonde)
- Pickering U38/AT Diamond Needle Stereo Cartridge
- 2 Lafayette SK-58 12" Free Edge Coaxial Speakers

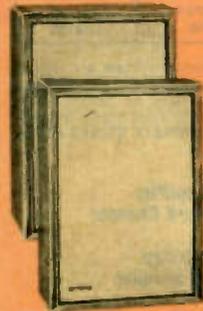
LAFAYETTE SYSTEM PRICE

224.50 NO MONEY DOWN

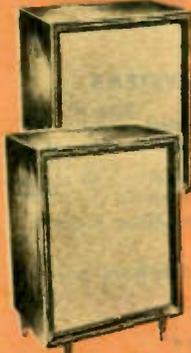
FOR BUDGET TERMS SEE PAGE 412

ALTERNATES

2 "DECOR-ETTE" SPEAKER SYSTEMS



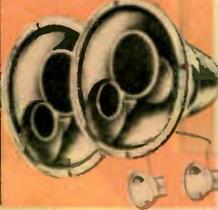
2 CK-10 ENCLOSURE KITS (Shown Assembled)



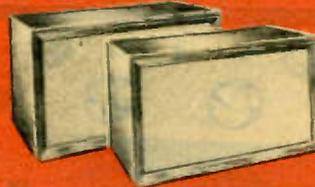
GARRARD A /MARK II



2 SK-180 SPEAKERS



OPTIONAL



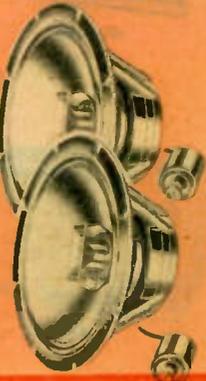
2 CK-34 ELIPTOFLEX CABINET KITS (Shown Assembled)

ALTERNATES

2 SK-210 SPEAKERS



2 SK-215 SPEAKERS



Featuring Lafayette's sensational 120 watt All-Transistor Amplifier Kit the KT-900 (60 watt per channel) the above system includes the famous Garrard AT6/MARK II 4-speed record changer plus base; the new Pickering U38/AT Diamond Needle Cartridge for outstanding performance on both stereo and monaural records; and Lafayette's acclaimed high efficiency 12" Coaxial speaker the SK-58.

*Be sure to specify your choice of Pickering U38/AT, Shure M3D, or Empire 880 Diamond needle cartridge.

System	Amplifier Kit	Changer	Changer Base	Cartridge*	Speaker	Speaker Cabinet	Shpg. Wt. lbs.	Net
LSK-901CWXM	KT-900	Garrard AT6/MARK II	†	Your Choice of Pickering U38/AT, Shure M3D or Empire 880	2 ea. SK-58	—	56	224.50
LSK-903CWXM	KT-900	Garrard A/MARK II	†		2 ea. SK-58	—	66	244.50
LSK-904CWXM	KT-900	Garrard AT6/MARK II	†		2 ea. SK-58	2 ea. CK-34	126	269.50
LSK-906CWXM	KT-900	Garrard A/MARK II	†		2 ea. SK-58	2 ea. CK-34	136	289.50
LSK-907CWXM	KT-900	Garrard AT6/MARK II	†		2 ea. SK-180	—	50	228.50
LSK-909CWXM	KT-900	Garrard A/MARK II	†		2 ea. SK-180	—	60	248.50
LSK-910CWXM	KT-900	Garrard AT6/MARK II	†		2 ea. SK-180	2 ea. CK-34	120	273.50
LSK-912CWXM	KT-900	Garrard A/MARK II	†		2 ea. SK-180	2 ea. CK-34	130	293.50
LSK-913CWXM	KT-900	Garrard AT6/MARK II	†		2 ea. SK-210	—	64	254.50
LSK-915CWXM	KT-900	Garrard A/MARK II	†		2 ea. SK-210	—	74	274.50
LSK-916CWXM	KT-900	Garrard AT6/MARK II	†	2 ea. SK-210	2 ea. CK-34	134	298.50	
LSK-918CWXM	KT-900	Garrard A/MARK II	†	2 ea. SK-210	2 ea. CK-34	144	318.50	
LSK-919CWXM	KT-900	Garrard AT6/MARK II	†	2 ea. SK-215	—	114	294.50	
LSK-921CWXM	KT-900	Garrard A/MARK II	†	2 ea. SK-215	—	124	314.50	
LSK-922CWXM	KT-900	Garrard AT6/MARK II	†	2 ea. SK-215	2 ea. CK-10	222	332.50	
LSK-924CWXM	KT-900	Garrard A/MARK II	†	2 ea. SK-215	2 ea. CK-10	232	372.50	
LSK-925CWXM	KT-900	Garrard AT6/MARK II	†	2 ea. SK-270 ("decor-ette II")	—	140	285.50	
LSK-927CWXM	KT-900	Garrard A/MARK II	†	2 ea. SK-270 ("decor-ette II")	—	150	305.50	

For Detailed Description of all components in the above system, see pages 30, 45, 47, 48, 50, 51, 73, 74 and 79.

† Specify Oiled Walnut, Mahogany or Blonde Finish. ‡ Oiled Walnut Finish.

FREE! with purchase of any of above systems — Stylus Pressure Gauge, Record Cleaning Kit, Automatic 45 RPM Spindle, Speaker Connecting Cable and Connectors and Interconnecting Instructions.



LAFAYETTE 15-WATT MONAURAL AMPLIFIER LA-55



Outstanding Performance and Engineering + Beautiful Styling + Low, Low Price—add up to make the Lafayette LA-55 truly one of the finest Hi-Fi monaural amplifier values today . . . Beautifully styled in gold and white, the LA-55 easily adapts to any room decor. Perfect for that music system in your living room, finished basement, store or office. Ruggedly constructed, this fully integrated amplifier-preamplifier employs premium quality EL84 tubes in push-pull and advanced circuitry for faithful reproduction of all monophonic sources . . . perfect for use as a second amplifier for stereo or for starting out monophonically and adding stereo at a later date. Engineered to include every practical feature — a worthwhile contribution to hi-fi reproduction.

An Exceptionally
Fine Monaural
Hi-Fi Amplifier

- Frequency Response: 15-30,000 CPS
- Power Output 15 Watts
- Sensitivity: 3 MV Mag. Phono
- Hum 65 Db Below Rated Output
- Harmonic Distortion Less Than .3%
- 5 Input Channels
- Rumble Filter
- EL84 Output Tubes In Push-Pull
- Beautifully Styled

44⁵⁰ NO MONEY
DOWN

\$5 monthly

UP TO 24 MONTHS TO PAY
SEE PAGE 412

SPECIFICATIONS

Power Output 15 watts Institute of High Fidelity Manufacturers Rating (30 watts peak). Frequency Response 15-30,000 cps \pm 1 db (at normal listening level); Sensitivity: For full power, High level inputs 0.5v, Mag. phono 3 mv. Hum and Noise: Volume control at max. High level inputs 65 db below rated output; Mag-Phono 55 db below rated output; Harmonic Distortion less than .3%. Inputs: Total 5—Aux, Tuner, Mag. Phono, Crystal Phono, Tape Head. Outputs: Tape Out, 4, 8 and 16-ohm speaker terminals; Tubes: Total of 5 plus rectifier — 2EL84, 1-6BL8, 1-6AV6, 1-12AX7, and 1-6CA4/EZ81. Controls: Monitor/On-Off; Volume/Power On-Off; Bass; Treble; Rumble Filter. Wam balance control. Selector; 4-position, Aux, Tuner, Phono, Tape Head. Complete with removable case and legs. AC receptacle on rear of chassis. Dimensions: 13 $\frac{1}{4}$ " W x 4 $\frac{1}{2}$ " H x 8 $\frac{3}{4}$ " D. Knobs extend $\frac{3}{4}$ " in front of panel. Shpg. wt., 20 lbs. Imported. LA-55WX Net 44.50

LAFAYETTE 15-WATT MATCHED MONAURAL PHONO SYSTEM



LA-55

CHOICE OF STEREO CARTRIDGE



Shure M3D

Empire 880

Pickering U38/AT

This economical high fidelity system will delight you with its exceptional performance and majestic sound. Designed for longevity as well as beauty, these components will satisfy even the most critical music listener. **PLAY MONAURAL RECORDS NOW—ADD COMPLETE STEREO LATER!**

COMPONENTS

- LAFAYETTE LA-55 15-Watt Complete Amplifier
- Garrard Autoslim/Mark II 4-Speed Record Changer
- Wood Base for Changer
- Pickering U38/AT Diamond Needle Cartridge
- Lafayette SK-128 Full-Range 8" Bixial Speaker

LAFAYETTE COMPLETE SYSTEM PRICE WITH FREE ACCESSORIES **102⁵⁰**

LS-61CWXM ... Shpg. wt., 39 lbs. ... Net 102.50

NO MONEY DOWN
only \$6 monthly

ALTERNATE SYSTEMS

15-WATT MATCHED MONAURAL HI-FI SYSTEMS

System	Amplifier	Garrard Changer	Cartridge	Base Speaker	Cabinet	Shpg. wt.	Net
LS-62CWXM	LA-55 Autoslim/Mark II	•	•	† SK-128 Miniduct ††	††	62	125.00
LS-63CWXM	LA-55 Autoslim/Mark II	•	•	† SK-58	††	45	112.50
LS-64CWXM	LA-55 Autoslim/Mark II	•	•	† SK-58 Eliptoflex**	††	69	144.50
LS-65CWXM	LA-55 Autoslim/Mark II	•	•	† SK-236 Slenderette II#	††	56	119.50

* Choice of Pickering U38/AT or Shure M3D or Empire 880 Stereo Cartridge.

†—Specify Oiled Walnut, Mahogany or Blonde

††—Specify Oiled Walnut, Walnut or Mahogany

••—Specify Oiled Walnut, Walnut, Mahogany or Blonde # —Oiled Walnut only.

FREE—with purchase of any of above systems Stylus Pressure Gauge, Automatic 45 RPM Spindle, Record Cleaning Kit, Speaker Cable and full connecting instructions.



MINIDUCT

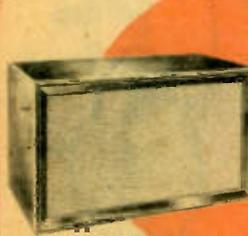


SK-128

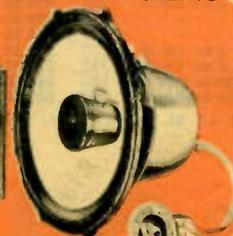


GARRARD
AUTO SLIM/MARK II

ALTERNATE COMPONENTS



ELIPTOFLEX



SK-58



SK-236 SLENDERETTE II

THE New LAFAYETTE 200-WATT ALL TRANSISTOR Criterion® STEREO POWER AMPLIFIER.

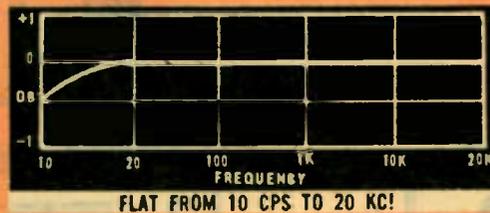
From the Lafayette High Fidelity Research Labs —
ONE OF THE WORLD'S MOST ADVANCED STEREO AMPLIFIERS!

CHECK THESE SUPERB FEATURES!

- Rated at 100 Watts Music Power Each Stereo Channel
- 16 Power Transistors & 14 Silicon Rectifiers.
- Unique Bootstrap Output Circuitry With 70 db of Feedback.
- Frequency Response: ± 0.1 db 15 cps to 20,000 cps; -3 db at 80 Kc minimum.
- Hum & Noise — 90 db.
- Instant Overload Recovery — 50 micro-seconds maximum.
- May Be Used With Either Transistor or Vacuum Tube Preamplifiers.



A Technical
Breakthrough
In Stereo
Amplifier
Design!



A MILESTONE IN MUSIC REPRODUCTION Now from the Lafayette High Fidelity Research Laboratories a major breakthrough in stereo amplifier design... the Lafayette Criterion LA-280 All-Transistor 200-Watt Stereo Power Amplifier. A basic stereo power amplifier so revolutionary in concept, delivering a range of sound so flawless, performance so far advanced, as to set new standards of professional audio component design.

YEARS AHEAD IN PERFORMANCE & DESIGN Using a total of 30 solid state devices (16 power transistors & 14 silicon rectifiers), the LA-280 develops 100 watts each stereo channel into a 4-ohm load. Its frequency response extends far in excess of the audible range, from ± 0.1 db 15 cps to 20,000 cps; -3 db at 80 kc minimum. New circuitry techniques utilizing multiple feedback loops have achieved an unprecedented total of 70 db of feedback. Output transformers have been eliminated in the LA-280—unlike vacuum tube amplifiers which suffer from high distortion in the low frequency ranges due to non-linearity of the output transformers, LA-280 distortion levels are phenomenally low. Intermodulation Distortion measurements (taken at 60 watts sine-wave power with a 15 cps signal) is less than 0.2%; Harmonic Distortion under the same conditions is less than 0.1%—developing 75 watts with a 100 cps signal, Harmonic Distortion is less than 0.05%. Heart of the LA-280 is its unique Class B operated Bootstrap output circuitry. Employs two transistors in each half of the output circuit (only one is used in conventional units), with $\frac{1}{2}$ of the circuit driving the other half and eliminating the need of driver transistors. Full feedback of the output signal to the input at DC is maintained. Overload recovery is remarkable, over 100 times as fast as conventional tube amplifiers. Stability and square wave characteristics are of the highest order, far in excess of equivalent vacuum tube units. Construction of the LA-280 is in keeping with its excellence of design. Wiring and construction are engineered to military standards. Specially designed transistors are hand selected for maximum performance. Computer grade electrolytics and fully potted massive power supply transformer are examples of the care and quality built into the LA-280.

A MAGNIFICENT MUSICAL INSTRUMENT More than just an achievement in electronics, the LA-280 must be considered as a magnificent musical instrument. The quality of performance is one of listening through the amplifier back to the original performance rather than to the amplifier itself.

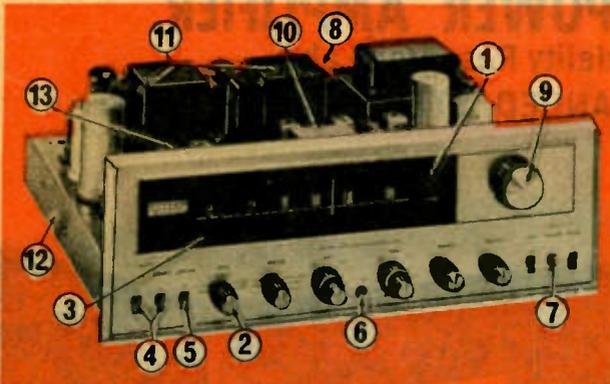
The LA-280 is a proven instrument, the product of thousands of hours of testing and valuation. Its high power and revolutionary design enable it to effortlessly drive today's low efficiency speakers. Exceptional temperature stability together with a special isolation network make it ideal for use with Electrostatic speakers. Controls include Power "On-Off" and Gain (level for each channel). May be used with any good quality tube or transistor preamplifier. Screw type terminals for regular or electrostatic speakers, plus stereo head phone jacks and 4 AC outlets .4 total preamp. Inputs (2 per channel): Two low level, two high level. Size: 18Wx8Hx8"D.
LA-280 Shpg. wt. 35 lbs. Net 299.50

299⁵⁰

NO MONEY DOWN
BUY ON TIME SEE PAGE 412

LOOK AT THESE TECHNICAL SPECIFICATIONS

POWER OUTPUT: 4-ohm load: 100 watts per channel IHFM, 80 watts rms; 8-ohm load: 58 watts per channel IHFM, 50 watts rms; 16-ohm load: 33 watts per channel IHFM, 27 watts rms. **FREQUENCY RESPONSE:** ± 0.1 db 15 cps to 20,000 cps -3 db at 80,000 cps minimum. **HARMONIC DISTORTION:** 4-ohm load: 100 cps, 75 watts—Less than 0.05%; 8-ohm load: 100 cps, 45 watts—Less than 0.03%; 16 ohm load: 100 cps, 27 watts—Less than 0.03%. **INTERMODULATION DISTORTION:** Less than 0.2% at 120 watts peak into 4 ohms (40 cps and 4 KC mixed 4:1). **FEEDBACK:** 70 db. **OVERLOAD RECOVERY TIME:** 50 microseconds maximum. **NOISE:** —90 db maximum. **CHANNEL SEPARATION:** 68 db minimum at 2 KC, 54 db minimum 15 cps to 20 KC. **INPUT:** Low Level: 0.2 volt rms ± 1 db. High Level: 1.5 volt rms ± 3 db for 20 volts rms output. **PREAMPLIFIER POWER OUTPUT:** + 35 volts with 7 mv rms maximum ripple. —35 volts with 7 mv rms maximum ripple.

SCOTT**NEW ADVANCED AMPLIFIERS,****NEW MODEL 340B 70-WATT FM STEREO TUNER/AMPLIFIER**

The new 340B combines all the features of the finest Scott separate components into a single compact unit. Incorporates handsome new styling and advanced electronic circuits. **SPECIFICATIONS: (TUNER)** Sensitivity: 2.2 μ v (IHF); Channel Separation: better than 30 db; Distortion: 0.8%; Frequency Response: 20 to 20,000 cps; Selectivity: 35 db; Capture Ratio: 6.0 db. **(AMPLIFIER)** Power Output: 35 watts per channel (IHF); Distortion: 0.8% Hum and Noise: -80 db. Size: 16 $\frac{1}{2}$ "x5 $\frac{1}{2}$ "x13 $\frac{1}{4}$ " D. Uses G-Size Case. Shpg. wt., 36 lbs.

21 A 6010WX Less Case

Net 399.95

- 1 Amazing "Auto-Sensor" Circuit automatically switches tuner to stereo when tuned to an FM Stereo broadcast. An indicator light signals reception of a stereo broadcast.
- 2 Unique Sub-Channel Noise Filter eliminates noise on distant stereo stations without affecting frequency response.
- 3 Indicator Lights show exact mode of operation.
- 4 Rumble and Scratch Filter.
- 5 Tape Monitor Facilities assure professional results.
- 6 Front Panel Headphones Jack.
- 7 Speakers/Headphones Selector Switch permits private use of headphones; completely shuts off speakers.
- 8 Powered Center Channel Output drives third loudspeaker without additional amplification.
- 9 Ball Bearing Dial Drive with stainless steel race assures smooth, effortless operation.
- 10 Silver Plated Front End with 3-Gang Tuning Condenser assures highest sensitivity, maximum selectivity.
- 11 Massive Output Transformers deliver full power down to the lowest frequencies.
- 12 All-Aluminum Chassis disperses heat rapidly for longer component life, eliminates hum and prevents signal loss.
- 13 Scott-Pioneered, "Time-Switching" Multiplex Circuit.

NEW MODEL 380 70-WATT FM-AM STEREO TUNER/AMPLIFIER

The 380 is identical to the 340B with the addition of a high quality AM tuner section capable of receiving AM broadcasts almost indistinguishable from FM. In addition to all control features of the 340B, the 380 has a front panel AM Bandwidth Selector Switch allowing best reception on distant as well as local stations. Size: 16 $\frac{1}{2}$ "x5 $\frac{1}{2}$ "x13 $\frac{1}{4}$ " D. Shpg. wt., 37 lbs.

21 A 6011WX Less G-Size Case

Net 459.95

RENOWNED CUSTOM STEREO AMPLIFIERS AND TUNERS

222D

350C

**NEW MODEL 222D 48-WATT STEREO INTEGRATED AMPLIFIER**

Has quality and dependability equal to Scott's best, but lower power at moderate price. Extra heavy-duty output transformers provide superb bass response with the majority of inefficient speaker systems now so popular. Outstanding features and specifications include: Mode Selector for stereo balance, monophonic, stereo, reverse stereo and left or right channel; Tape Monitor Switch for listening to tape or program while recording; Equalizer Switch for tape or RIAA; Scratch Filter; Separate Bass and Treble Tone Controls for each channel; Loudness/Volume Control; Speakers/Earphones Jack and switch to turn off speakers for private listening; High and Low Magnetic Phono Inputs; Center Channel Power Output drives speaker directly; Derived Center Channel; Speaker Phase Switch. Uses 11 tubes including 4-7189 outputs, plus rectifiers. Power output: 24 watts per channel (IHF). Harmonic Distortion: 0.8%. Hum and Noise: -80 db. Size: 15Wx4 $\frac{3}{4}$ "x13 $\frac{1}{4}$ " D. Uses C-Size Case. Shpg. wt., 26 lbs.

21 A 6012WX Less Case

Net 179.95

NEW MODEL 350C FM STEREO TUNER

Provides a combination of outstanding performance and good looks. Time proven features include: Heavily Silver Plated Front End for maximum sensitivity; Full Size 3-Gang Tuning Condenser with Cascode RF Stage giving improved signal-to-noise ratio with excellent selectivity; Scott-Designed "Time-Switching" Multiplex Circuit provides full frequency response with extremely low distortion and stereo separation; Precision Illuminated Tuning Meter; Exclusive and Positive "Sonic-Monitor" Stereo Indicator permits tuning for better separation; Copper Bonded Aluminum Chassis for efficient RF circuit operation. Front panel controls include switch for stereo sub-channel filter and tape recorder jack. Sensitivity: 1 μ v for 20 db quieting, 2.2 μ v IHF usable; Signal-to-Noise Ratio: 60 db; Drift: 0.02%; Harmonic Distortion: 0.8%; Frequency Response: 30 to 15,000 cps; Capture Ratio: 6.0 db; Selectivity: 35 db; AM Suppression: 55 db. Uses 9 tubes and 11 diodes plus rectifier. Size: 15Wx4 $\frac{3}{4}$ "x13 $\frac{1}{4}$ " D. Uses C-Size Case. Shpg. wt., 19 lbs.

21 A 6013WX Less Case

Net 224.95

299D

310E

**NEW MODEL 299D 80-WATT STEREO INTEGRATED AMPLIFIER**

Combines the ultimate in Scott quality, dependability and performance. Important specifications and features include: Pickup Switch allows choice between two magnetic pickups or pickup and tape head; Tape Monitor; Scratch and Rumble Filters on all inputs; Phase Reversal; Equalization for microphone, NAB tape and RIAA records; Stereo Headphones Output with Speakers/Earphones Switch; Derived Center Channel; Center Channel Power Output to drive 3rd loudspeaker directly; Separate Bass and Treble Controls on each channel; Input Selector Switch for Microphone, Stereo, Stereo Reverse and Left or Right Channel; Volume/Loudness Circuit and Control; All-Aluminum Chassis and DC heater Supply for inaudible hum. Signal lights show mode of operation at a glance. Power Output: 40 watts each channel (IHF); Frequency Response: 20 to 20,000 cps \pm 1 db; Harmonic Distortion: 0.8%; IM Distortion: 0.5%; Hum and Noise: -80 db. Terminals for 4, 8 or 16-ohm speakers. Uses 11 tubes including 4-7591 outputs plus rectifiers. Size 15Wx4 $\frac{3}{4}$ "x13 $\frac{1}{4}$ " D. Uses C-Size Case. Shpg. wt., 30 lbs.

21 A 6014WX Less Case

Net 229.95

NEW DELUXE MODEL 310E FM STEREO TUNER

Combines the superlative FM performance of the famous 310D used in dramatic TELSTAR space experiments with Scott-Pioneered "Time-Switching" Multiplex. Just a few of the outstanding features and specifications of the 310E are: Unique "Auto-Sensor" Circuitry automatically selects FM Stereo broadcast, Indicator Light flashes on to indicate stereo reception; Stereo Threshold Control allows you to adjust "Auto-Sensor" for optimum signal; Variable Control Interstation Noise Suppressor; Sub-Channel Noise Filter; Stereo Noise Filter; Front Panel Output for tape recorder or high impedance earphones; Selector Switch allows you to receive (1) All stations monophonically, (2) All stereo stations automatically, (3) stereo stations only; Precision Illuminated Tuning Meter; Individual Level Controls for each channel. Sensitivity: 1.9 μ v. Frequency Response: 30 to 15,000 cps \pm 1 db; Channel Separation: better than 30 db; Distortion: 0.5%; Capture Ratio: 2.2 db; Signal-to-Noise Ratio: 65 db. Uses 15 tubes plus 13 diodes. Size: 15Wx4 $\frac{3}{4}$ "x13 $\frac{1}{4}$ " D. Uses C-Size Case. Shpg. wt., 16 lbs.

21 A 6015WX Less Case

Net 379.95

TUNERS AND RECEIVERS



2 NEW CUSTOM DELUXE TRANSISTORIZED STEREO COMPONENTS

MODEL 4270 60-WATT INTEGRATED TRANSISTORIZED STEREO AMPLIFIER.

Combines the unique features of other Scott amplifiers with all the advantages of transistors; longer component life, fast warm-up and lower power consumption. Most important, it contains unique, foolproof protection devices that prevent damage to either the expensive output transistors, or the speaker systems. Complete flexibility is assured by a full complement of front panel controls and chassis mounted input level controls for tape, tuner and extra inputs. Front panel features include: Five-Position Input Selector; Seven-Position Stereo Selector; Dual Concentric Friction Clutch Bass and Treble Controls; Derived Center Channel Level Control; Pickup Selector; Rumble and Scratch Filters; Loudness Compensator, Switchable Front Panel Headphones Output. Power Output (IHFM): 30 watts per channel at all output impedances; Power Band: 19 to 15,000 cps; Harmonic Distortion: 0.8%; Hum: 70 db down; Damping Factor: 4 to 1 (all impedances). Uses 27 transistors, 9 diodes. Size: 16 $\frac{1}{2}$ "Wx5 $\frac{1}{2}$ "Hx16 $\frac{3}{4}$ "D. Uses G-Size Case. Shpg. wt., 32 lbs.

Net 395.00



MODEL 4312 TRANSISTORIZED AUTOMATIC FM STEREO TUNER

Utilizes advanced circuitry and techniques made possible by components used in space exploration and communication. The silver plated Nuvistor front end provides extremely high sensitivity and low noise. A most significant feature is the Automatic Stereo Circuit, which permits adjustment so that only stations with listenable Multiplex signals are received. The use of transistors throughout the IF strip, plus selective copper plating, further increases the effective sensitivity. Use of transistors in the detector stage allows bandwidth of three megacycles, the widest of any tuner. This wide bandwidth plus use of transistors in the Scott-Pioneered "Time-Switching" Multiplex Circuit provides exceptional stereo separation. Individual level controls for each channel; inter station noise suppression, plus a host of other features all add up to a truly outstanding advanced tuner. Sensitivity: 1.9 μ v (IHFM); Channel Separation: better than 30 db; Signal-to-Noise Ratio: 65 db; Frequency Response: 20 to 20,000 cps; Capture Ratio: 2.0 db; Distortion: 0.5%; Selectivity: 35 db. Size: 16 $\frac{1}{2}$ "Wx5 $\frac{1}{2}$ "Hx16 $\frac{3}{4}$ "D. Uses 8-Size Case. Shpg. wt., 14 lbs.

Net 365.00



MODEL 4310 FM STEREO BROADCAST MONITOR TUNER

Specifically designed for the broadcasting and recording industry. An individually prepared performance report is supplied with each unit. Stereo diversity reception is provided. Relay operated interstation noise suppression insures completely quiet tuning. Indicator lights tell at a glance when the tuner has switched itself to stereo. Front Panel Functions: 4-Position Mode Selector Switch (Power Off, Normal, Sub-Channel Filter, Stereo Filter); Diversity Reception Switch; Individual Level Controls; Mono-Stereo Switch, Stereo Threshold Control; Dynaural Interstation Noise Squelch; AGC Switch; Master Level Control; Stereo Indicator Light; VU Meters for Each Channel; Sensitive Signal Strength Meter. Provision for 600-ohm output (in rear). Sensitivity: 1.9 μ v IHFM usable; Signal-to-Noise Ratio 65 db below 100% modulation; Harmonic Distortion: 0.3%; Drift: 0.02%; Frequency Response: 30 to 15,000 cps \pm 1 db; Capture Ratio: 2.2 db; Selectivity: 50 db; Spurious Responses Rejection: 85 db; Audio Hum: 75 db below 1 volt output; AM Suppression: 60 db, Channel Separation: In excess of 30 db throughout entire broadcast range. Incorporates 20 tubes, 21 diodes plus rectifiers. Size 16 $\frac{1}{2}$ "Wx5 $\frac{1}{2}$ "Hx16 $\frac{3}{4}$ "D. Uses G-Size Case. Shpg. wt. 28 lbs.

Net 475.00



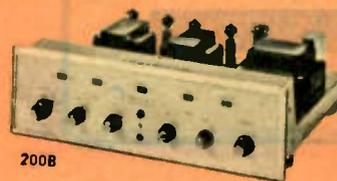
NEW MODEL 333B AM/FM STEREO TUNER

Combines advanced styling plus outstanding flexibility and performance. You can receive FM Multiplex Stereo, FM Mono; Regular AM, AM/FM Stereo or distribute two different monophonic programs thru separate audio channels. Features and specifications include: Silver Plated Front End; 3-Gang Tuning Condenser with Cascode RF Stage; Scott-Designed "Time-Switching" Multiplex Circuit; Illuminated Tuning Meter; "Sonic-Monitor" Stereo Indicator; All-Aluminum Chassis; 2-Position AM Bandwidth Switch. Sensitivity: 1 μ v for 20 db quieting, 2.2 μ v IHFM usable; Signal-to-Noise Ratio: 60 db; Drift: 0.02%; Harmonic Distortion: 0.08%; Frequency Response: 30 to 15,000 cps; Capture Ratio: 6 db; Selectivity: 35 db; AM Suppression: 55 db. Uses 13 tubes, 13 diodes plus rectifier. Size: 15Wx4 $\frac{3}{4}$ "Hx13 $\frac{1}{2}$ "D. Uses C-Size Case. Shpg. wt., 20 lbs.

Net 274.95

ENCLOSURES FOR SCOTT HI-FI COMPONENTS

Stock No.	Enclosure	For	Description	Shpg. wt.	Net
21 A 6009W	C	200B, 222D, 299D, 310E, 333B, 350C, 370B.	Metal Case	5 lbs.	13.95
21 A 6024W	CWW-S	200B, 222D, 299D, 310E, 333B, 350C, 370B, 4312	Wooden Walnut Case	6 lbs.	24.56
21 A 6025W	G	340B, 380, 4270, 4310.	Metal Case	7 lbs.	17.95
21 A 6026W	GWV-S	340B, 380, 4270, 4310, 4312	Wooden Walnut Case	8 lbs.	29.95



200B

NEW MODERATELY PRICED CUSTOM STEREO AMPLIFIER AND TUNER



370B

200B 30-Watt Amplifier. Brings true high fidelity performance within the range of the most modest budget. Features massive output transformers; Front Panel Stereo Headphones Jack; Derived Center Channel Output to drive power amplifier for extension speakers; High Gain Inputs for all magnetic stereo cartridges; Balancing Control; Complete Tape Monitor Facilities; Switchable Scratch Filter; Practically Inaudible Hum and Noise even at full output. Power Output: 15 watts per channel (IHFM); Frequency Response: 20 to 20,000 cps; Distortion: 0.8%. Size: 15Wx4 $\frac{3}{4}$ "Hx13 $\frac{1}{2}$ "D. Uses C-Size Case. Shpg. wt., 20 lbs.

Net 139.95

370B FM Stereo Tuner. Incorporates "Time-Switching" Multiplex circuitry; Copper Clad Aluminum Chassis; "Sonic Monitor" Stereo Indicator; One Megacycle Wide-Band Detector; Precision Illuminated Tuning Indicator and Cascode RF stage with 3-Gang Tuning Condenser. Uses 8 tubes and 5 diodes including Compactron multiple purpose tube and rectifier. Sensitivity: 1.5 μ v for 20 db quieting, 3.5 μ v IHFM usable; Signal-to-Noise Ratio: 50 db; Harmonic Distortion: under 1.0%; Drift: 0.02%; Frequency Response: 30 to 15,000 cps; Capture Ratio: 6.0 db; Selectivity: 32 db; Channel Separation: 28 db. Size: 15Wx4 $\frac{3}{4}$ "Hx13 $\frac{1}{2}$ "D. Uses C-Size Case. Shpg. wt., 16 lbs.

Net 159.95



FISHER

SUPERB COMPONENT HIGH FIDELITY



400-CX STEREOHONIC MASTER AUDIO CONTROL

Famous Fisher Audio control center now with 28 controls, 18 inputs and exclusive new full range stereo dimension control. Professional type push-button program selector, with provisions for remote control and "SpaceXpander". Has record-monitor facilities, channel indicator lights and separate bass and treble controls for each channel. Also features equalization curve for 3 $\frac{1}{2}$ ips tape decks and additional outputs independent of center channel control. Has center channel for 3 channel stereo. Frequency response: 20-20,000 cps \pm 0.5 db. Harmonic distortion: less than 0.04% at 400 cps for 2 volts output. Hum and noise: 80 db below rated output. Architectural brass front panel. Channel separation 60 db. 10 tubes. For 105-120 volts 50-60 cps. Size: 15 $\frac{1}{2}$ "Wx4 $\frac{1}{4}$ "Hx11 $\frac{1}{2}$ "D. Shpg. wt., 18 lbs.

21 A 3601WX Less Cabinet Net 199.50
21 A 3609W MC-2 Metal Cabinet For 400-CX. Shpg. wt., 9 lbs. Net 15.95

SA-1000 150-WATT (IHFM) STEREOHONIC POWER AMPLIFIER

A new high-power, high-quality Stereo Power Amplifier. Only the everyday controls, that must be used for operating the amplifier, remain exposed for instant use. Power Ratings (both channels driven): 150 watts (IHFM); 130 watts (RMS). Frequency Response: 20-20,000 cps \pm 0.5 db. Harmonic Distortion (at IHFM and RMS rated output): 0.25%. IM Distortion (by SMPTE Standards at rated output): 0.4%. Sensitivity (for full rated RMS output): 0.7 volts. Hum and Noise: 90 db below rated RMS output. Input Impedance: 250K ohms. Output Impedances: 4, 8, 16 ohms. 9 tubes plus 4 diodes. For 105-120 volts, 50-60 cps AC. Size: 15 $\frac{1}{2}$ "Wx7 $\frac{3}{4}$ "Hx12"D. Shpg. wt., 72 lbs.

21 A 3611WX Net 329.50

X-202-B 80-WATT STEREO MASTER-CONTROL AMPLIFIER

Features exclusive Fisher tape monitor + playback with internal switching; 20 professional front panel controls; 16 inputs and 10 outputs (3 speaker outputs). Facilities for center channel speaker (no amplifier required for 3rd channel). "SpaceXpander", remote control and earphone connection. SPECIFICATIONS: Music power 80 watts total; distortion $\frac{1}{2}$ % harmonic, 1% intermod, at 70 watts RMS; Response (at 1 watt) 20-20,000 cps \pm 1 db; Hum & noise —66 db (low level) —80 db (high level); damping factor 10, 12 tubes plus 4 diodes. Silicon main rectifier and silicon filament supply rectifier. Size: 15 $\frac{1}{2}$ "Wx4 $\frac{1}{4}$ "Hx12 $\frac{1}{2}$ "D.

21 A 3602WX Less Cabinet. Shpg. wt., 30 lbs. Net 249.50

21 A 3609W MC-2 Metal Cabinet For X-202-B, wt., 9 lbs. Net 15.95

21 A 3610W 10-UW Oiled Walnut Wood Cabinet For X-202-B, wt., 6 lbs. Net 24.95

X-101-C 60-WATT STEREOHONIC MASTER-CONTROL AMPLIFIER

Features the exclusive "New Look," by Fisher, an elegantly styled functional operational panel. Only the Program Selector, Mode Selector and Volume control are in view. The other infrequently used controls are hidden behind a pull-down panel. Offers 30 watts of music power output per channel, center channel output, 14 inputs (2 phonos), output selector switch, front panel phone jack, loudness control, jack for "SpaceXpander." 10 tubes, 2 silicon rectifiers. Response 20-20,000 cps \pm 1 db. Hum and noise —63 db. Distortion 0.5% harmonic. 1.0% intermod. @ rated power. Size 15 $\frac{1}{2}$ "Wx4 $\frac{1}{4}$ "Hx12 $\frac{1}{2}$ "D.

21 A 3603WX Less Cabinet. Shpg. wt., 28 lbs. Net 199.50

21 A 3609W MC-2 Metal Cabinet For X-101-C, X-100-B, wt., 9 lbs. Net 15.95

X-100-B 40-WATT STEREO MASTER-CONTROL AMPLIFIER
21 A 3605WX Shpg. wt., 25 lbs. Net 169.50

STEREO FM MULTIPLEX TUNERS



R-200 FM-AM STEREO MULTIPLEX TUNER

The Deluxe Model R-200 FM-AM Stereo Tuner features the exclusive Stereo Beacon which instantly indicates when Mono or Stereo is broadcasting and automatically switches to the proper mode. FM sensitivity is 1.8 μ v (IHFM) for 20 db quieting. FM circuit has 5 IF stages with 4 limiters. Stereo separation is better than 35 db at 1 KC. FM harmonic distortion is less than 0.4%. AM sensitivity is 3.5 μ v. AM circuit has 1 tuned RF stage, 2 IF stages, 10 KC whistle filter and three-position bandwidth. Controls: Tuning, Stereo Filter, Selector, Muting, AM Bandwidth, FM Antenna, Stereo Beacon, AM-FM Indicator and Tuning Meter. 15 tubes, 15 diodes and 1 selenium bridge-type rectifier. Size: 15 $\frac{1}{2}$ "Wx4 $\frac{1}{4}$ "Hx12 $\frac{3}{4}$ "D. Shpg. wt., 20 lbs.

21 A 3606WX Less Cabinet Net 299.50

21 A 3609W MC-2 Metal Cabinet For R-200, wt., 9 lbs. Net 15.95

21 A 3610W 10-UW Oiled Walnut Wood Cabinet For R-200, wt., 6 lbs. Net 24.95

FM-100-B FM STEREO MULTIPLEX TUNER

An ultra-sensitive wide-band tuner with advanced Multiplex circuitry. For reception of the weakest signals the FM-100B employs a Golden Cascade RF, 5 IF's and 4 limiter stages. "Stereo-Beam" tuning indicator shows when Stereo Multiplex is being received. Specially filtered dual outputs are available for tape recording without heterodyne interference between multiplex carrier and tape bias. To minimize noise a sub-channel noise filter and an IF muting circuit are provided. Local-distant switch prevent cross-modulation due to overload. Dual rear panel output level control. SPECIFICATIONS: Sensitivity 0.6 μ v, 20 db quieting and 1.8 μ v IHFM standard; response 20-15,000 cps \pm 1 db; IF bandwidth 190 KC @ —6 db; Harmonic distortion 1 MC wide; signal/hum & noise —70 db. Spurious rejection 96 db; Harmonic Distortion less than 0.5% (100% mod. @ 400 cps); Alternate Channel Selectivity 60 db; Capture Ratio 2.2 db; Drift 0.02%. 12 tubes, 13 diodes, Selenium bridge rectifier. For 105-120 V AC @ 56 watts. Size 15 $\frac{1}{2}$ "Wx4 $\frac{1}{4}$ "Hx13"D.

21 A 3607WX Less cabinet Shpg. wt., 22 lbs. Net 249.50

21 A 3609W MC-2 Metal Cabinet For FM-100-B, wt., 9 lbs. Net 15.95

21 A 3610W 10-UW Oiled Walnut Wood Cabinet For FM-100-B, wt., 6 lbs. Net 24.95

FM-200-B FM STEREO MULTIPLEX TUNER

Typical Fisher quality is reflected in this excellent FM tuner. Now with FM Stereo Multiplex and famous Fisher Stereo Beacon. An automatically operated AFC enables absolutely precise tuning. Six IF stages, sensitive Golden Cascade front end, five wideband limiters provide a 20-20,000 cps frequency response \pm $\frac{1}{2}$ db with a 1.5 db capture ratio. 0.5 microvolt sensitivity. Electronic Switch muting effectively provides interstation noise suppression. 11 tubes, 5 diodes, an AFC Varicap diode and selenium rectifier, plus multiplex tubes. Size: 15 $\frac{1}{2}$ "Wx4 $\frac{1}{4}$ "Hx13"D. For 105-125 V, 50/60 cycles AC.

21 A 3608WX Less Cabinet. Shpg. wt., 22 lbs. Net 299.50

21 A 3609W MC-2 Metal Cabinet For FM-200-B, wt., 9 lbs. Net 15.95

21 A 3610W 10-UW Oiled Walnut Wood Cabinet For FM-200-B, wt., 6 lbs. Net 24.95

WORLD FAMOUS STEREO RECEIVERS BY FISHER

NEW MOEEL 400 60-WATT FM STEREO RECEIVER

Combines a highly sensitive FM stereo tuner and a 60-watt power amplifier. Includes the "Stereo Beam" Indicator which instantly shows when Stereo Multiplex is being broadcast; also used as a tuning indicator. Direct-Tape-Monitor system permits monitoring tapes while recording. The shielded front end employs three tuning circuits for greater selectivity. Has provisions for use of a tape deck and "SpaceXpander." Controls: Separate Bass and Treble controls for each channel; 7-Position Input Selector; Balance; Volume and AC On-Off; Tuning; Tape Monitor; High Filter; Loudness Contour; Earphones Jack with Speaker Silencing Switch. SPECIFICATIONS: (FM) Sensitivity 1.8 μ V IHFM usable; Signal-To-Noise Ratio 70 db (100% modulation); Harmonic Distortion 0.5% (100% modulation at 400 cps); Drift 0.01%. (AUDIO) Music Power 60 watts (IHFM); Frequency Response 25-25,000 cps \pm 1 db; Hum and Noise —80 db (at rated output); Input Sensitivity Phono Low 4.4 Mv—Phono High 14 Mv—Tape Head 2.8Mv—Aux 280 Mv (for 25 watts output per channel). For 105-120 volts, 50/60 cps AC. Size: 17 $\frac{1}{2}$ "x5 $\frac{3}{4}$ "x13 $\frac{1}{2}$ "D. 21 A 3612WX Less Cabinet Shpg. wt., 33 lbs. Net 329.50



NEW MOEEL 500-C 75-WATT FM STEREO RECEIVER

A combination FM stereo tuner and dual 75-watt amplifier featuring the exclusive "Stereo Beacon" which instantly signals the presence of an FM Multiplex broadcast. Has Golden Synchrode front end for greater sensitivity and image rejection. Four IF stages and three Limiters are used. Direct-Tape-Monitor system allows simultaneous recording and monitoring. D'Arsonval tuning meter permits accurate tuning. Controls: 4-Position Speaker Selector; Separate Bass and Treble controls for each channel; Balance; 7-Position Input Selector; Loudness Contour; Volume and AC On-Off; Tuning; Earphones Jack. SPECIFICATIONS: (FM) Sensitivity 0.6 μ V for 20 db quieting, 1.8 μ V IHFM usable; Signal-To-Noise Ratio 70 db (100% modulation); Harmonic Distortion 0.5% (100% modulation at 400 cps); Capture Ratio 2.5 db; Calibration Accuracy 0.2%; Drift 0.01%. (AUDIO) Music Power 75 watts (IHFM); Frequency Response 25-25,000 cps \pm 1.5 db; Hum and Noise —80 db (at rated output); Input Sensitivity Phono 3.3 Mv—Tape Head 2.5 Mv—Aux 230 Mv (for rated output). For 105-120 volts, 50/60 cps AC. Size: 17 $\frac{1}{2}$ "x5 $\frac{3}{4}$ "x13 $\frac{1}{2}$ "D. 21 A 3613WX Less Cabinet Shpg. wt., 39 lbs. Net 389.50



NEW MOEEL 800-C 75-WATT AM-FM STEREO RECEIVER

Features "Stereo Beacon" FM Multiplex indicator, separate AM and FM sections with individual shielded Golden Synchrode front ends and Direct-Tape-Monitor system. SPECIFICATIONS: (FM) Sensitivity 0.6 μ V for 20 db quieting, 1.8 μ V IHFM usable; Signal-To-Noise Ratio 70 db (100% modulation); Harmonic Distortion 0.5% (100% modulation at 400 cps); Drift 0.01%. (AM) Sensitivity 5 μ V (for 2 watts output at 1 MC); Selectivity 55 db (Sharp position at 1 MC); Image Rejection 70 db (at 1 MC); IF Rejection 80 db (at 1 MC); (AUDIO) Music Power 75 watts (IHFM); Frequency Response 25-25,000 cps \pm 1.5 db; Hum and Noise —80 db (at rated output). For 105-120 volts, 50/60 cps AC. Size: 17 $\frac{1}{2}$ "x5 $\frac{3}{4}$ "x13 $\frac{1}{2}$ "D. Shpg. wt., 40 lbs. Net 449.50



21 A 3614WX Less Cabinet

Net 449.50

30-UW Custom Oiled Walnut Wood Cabinet for Fisher Models 400, 500-C, 800-C. Shpg. wt., 6 lbs. Net 24.95

21 A 3615W

OTHER FAMOUS FISHER HIGH FIDELITY COMPONENTS

STUDIO STANDARD SERIES

X-1000 STEREO MASTER-CONTROL AMPLIFIER

Features tape monitor enabling full use of controls during playback with record monitoring, third channel speaker output (eliminating the need for a third channel amplifier). Stereo dimension control, center channel tape recorder output, control and jack for "SpaceXpander." Amplifier uses 4-EL34's to obtain a 110-watt music power output rating with 0.5% harmonic distortion, 0.8% intermod. distortion at 100 watts continuous power. Response 20-20,000 cps \pm 1/2 db. Hum and noise —90 db. Damping factor 16.5. 14 tubes and 7 diodes. 18 inputs, 11 outputs (including earphone output). Size 16 $\frac{1}{2}$ "x4 $\frac{1}{2}$ "x13 $\frac{3}{4}$ "D.

21 A 3620WX Less Cabinet. Shpg. wt., 55 lbs. Net 339.50

21 A 3622W Oiled Walnut Cabinet for X-1000 Net 24.95

FM-1000-R Network Relay FM-Multiplex Tuner with "Stereo Beacon" Net 115.00

21 A 3625WX Shpg. wt., 30 lbs. Net 429.50

NEW MF-300 FM STEREO TUNER WITH REMOTE CONTROL

An amazing new FM tuner that is supplied with cable-type remote unit and 30 feet of remote control cable. An optional wireless remote unit is available (see below). Other Outstanding Features: Tune-O-Matic motor tuning with Center-of-Channel detector for the ultimate in tuning accuracy; Stereo Beacon automatically signals and switches to stereo or mono; Five IF stages; Two Nuvistors; Four-Gang tuning capacitor. Frequency Response: 20-15,000 cps \pm 1 db. Sensitivity: 0.5 μ V for 20 db of quieting; 1.6 μ V IHFM usable. Signal-to-Noise Ratio: 75 db (100% modulation). Harmonic Distortion: Less than 0.3% (100% modulation at 400 cps). 16 tubes, 24 diodes, selenium bridge rectifier. Size: 15 $\frac{1}{2}$ "x4 $\frac{1}{2}$ "x13"D. Shpg. wt., 24 lbs. Net 359.50

21 A 3610W 10-UW Oiled Walnut Wood Cabinet for MF-300, wt., 6 lbs. Net 24.95

RK-20 Wireless Remote Control Transmitter-Receiver. An optional accessory for MF-300 tuner only. On-off, volume and tuning can be automatically controlled. 21 A 3617WX Shpg. wt., 8 lb. Net 129.95

21 A 3619WX Less Cabinet Net 199.50

21 A 3609W MC-2 Metal Cabinet for FM-50-B, wt., 9 lbs. Net 15.95

FM-50-B FM STEREO MULTIPLEX TUNER

"Stereo Beam" tuning indicator instantly shows reception of Stereo Multiplex. A front-panel switch selects tuning indicator or "Stereo Beam" operation. Circuit incorporates four IF stages and three Limiters. Frequency Response: 20-15,000 cps \pm 1 db. Sensitivity: 0.7 μ V for 20 db of quieting; 2.2 μ V IHFM usable. 10 tubes, 12 diodes, selenium bridge rectifier. For 105-120 volts, 50/60 cps AC. Size: 15 $\frac{1}{2}$ "x4 $\frac{1}{2}$ "x11 $\frac{1}{2}$ "D. Shpg. wt., 20 lbs. Net 199.50

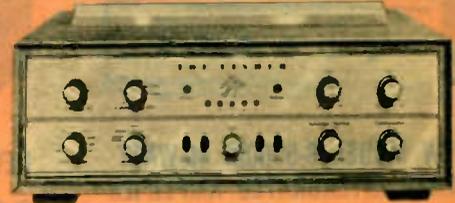
21 A 3619WX Less Cabinet Net 15.95

THE K-10 "SPACEEXPANDER"

Add Concert Hall realism to your listening area. Supplies the reverberation normally heard in an acoustically perfect concert hall. May be used with any mono or stereo home music system using separate pre-amplifiers or tape monitoring facilities. Connects to any signal from 0.2 to 5.0 volts. Simple to operate and easy to install. Tubes: 2-12AX7, 1-7247 plus a Selenium rectifier. Size 9 $\frac{1}{2}$ "x1 $\frac{1}{2}$ "x6 $\frac{7}{8}$ "H. Shpg. wt., 8 lbs. Net 69.50

21 A 3650 Net 69.50

X-1000



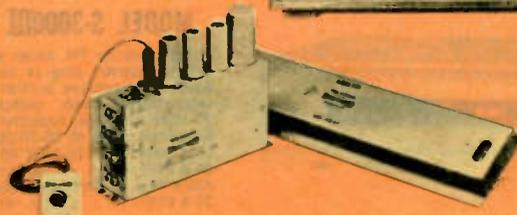
MF-300



RK-20

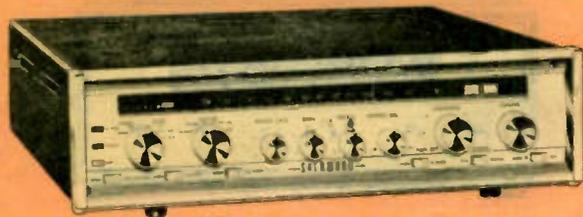


FM-50-B



K-10

Distinguished Hi-Fi Components by SHERWOOD



NEW MODEL S-8000III 80-WATT FM STEREO RECEIVER

Combines the high performance capabilities of a separate Sherwood FM multiplex tuner and 80-watt stereo amplifier in one handsome compact unit. The receiver features "Stereo-Lite" indicator that shows when you're tuned to a stereo broadcast, a new zero-center tuning meter for precision FM tuning and AFC. Tuner has a sensitivity of 0.95 μ v for 20 db quieting, wide-band gated-beam limiter 1 MC balanced ratio detector, interchannel hush, and wired in multiplex circuitry. Two powerful amplifiers each provide 40-watts of music power at less than 1/4% harmonic distortion. Dual low noise preamps for phono and tape. You only need to add speakers to have an outstanding FM stereo music system in your home. Other features include: Built-in indicator lights which tell you the program source you are using at a glance; friction-locked bass and treble controls, tape monitor switch loudness control; phase-invert switch, stereo normal/reverse switch; scratch and rumble filter switches. For 115-125 V, 60 cycles AC. Size: 16 1/2" x 4 1/2" x 14" D. Less case, below. Shpg. wt., 38 lbs.

21 A 6100WX No Money Down Net 319.50

SPECIFICATIONS

Power Output: 40-watts IHFM music power each channel (80-watts stereo). Response: \pm 1/2 db, 20 to 20,000 cps. FM Sensitivity: 1.8 μ v IHFM. Capture Ratio: 2.4 db. Max. Hum & Noise: -63 db below rated output (phono). Distortion: FM 1/4% @ 100% modulation; overall 1.5% at 40 watts. Tubes: 20 plus 3 silicon rectifiers, 9 diodes.

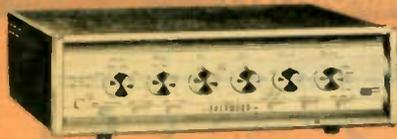
NEW MODEL S-7700 80-WATT AM/FM STEREO RECEIVER

This deluxe receiver contains all of the electronics for a complete home music system on a single compact chassis. Just add speakers to complete your home stereo hi-fi system. Features two 40-watt amplifiers, dual preamplifiers for phono and tape plus a highly sensitive AM/FM tuner with wired-in multiplex circuitry to receive FM stereo broadcasts. Other features to be found on the S-7700 are a stereo indicator light to provide instant identification of a station broadcasting stereo, wide-band gated-beam FM limiter, AFC, interchannel hush, tuning eye and flywheel tuning. The amplifier has full stereo controls; source indicator lights, function switch for stereo or mono operation; phono level; ganged bass, treble and loudness controls; stereo balance controls scratch and rumble filters; phase switch, AM selectivity switch (wide or narrow). Inputs for tape, tape monitor, phono, aux. Size: 16 1/2" x 4 1/2" x 14" D. Less Case. For 115-125V 60 cycles AC. Shpg. wt., 41 lbs.

21 A 6102WX No Money Down Net 369.50

SPECIFICATIONS

Power Output: 40-watts IHFM music power each channel (80-watts stereo). Response \pm 1/2 db 20-20,000 cps. FM SENSITIVITY 1.8 μ v IHFM. Capture Ratio: 2.4 db Max. Hum & Noise: 63 db below rated output (phono). Distortion: FM 1/4% @ 100 modulation; overall 1.5% at 40 watts. Tubes: 22 plus 3 silicon rectifiers 12 diodes.



NEW MODEL S-5500III 80-WATT STEREO INTERGRATED AMPLIFIER

A top-rated amplifier which combines all the functions of a stereo preamplifier and stereo control center along with a husky 80-watt stereo power amplifier. Fine features include stereo normal/reverse switch (with indicator lights), a phase-invert switch, tape-monitor switch, friction locked bass & treble controls and 12 db/octave scratch and rumble filters. 40-watts music power per channel-enough for modern low efficiency speakers. Phono sensitivity: 1.2 mv. Noise -72 db (phono). Size: 14" x 4 1/2" x 14" D. Less case. For 115-125V, 60 cycles AC. Shpg. wt., 22 lbs.

21 A 6103WX No Money Down Net 174.50



NEW S-3000V FM STEREO TUNER

Newly designed tuner provides top quality FM and FM multiplex reception. Features zero-center tuning meter, stereo indicator light which shows when you are tuned to a stereo broadcast. Inter-channel hush to quiet noise between FM stations and expanded slide-rule tuning scale. Wide-band 3-MC gated beam limiter and 1 MC balanced ratio detector combine to create a capture ratio of 2.4 db. Sensitivity: 1.8 μ v for -30 db quieting (IHFM). Response \pm 1/2 db 20-20,000 cps. IM distortion: below 1/4% @ 100% mod. 11 tubes plus rectifier. Size: 14" x 4 1/2" x 10 1/2" D. Less case. For 115-125V 60 cycles AC. Shpg. wt., 15 lbs.

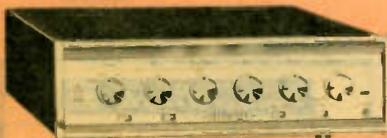
21 A 6104WX No Money Down Net 165.00



NEW S-2100II AM/FM STEREO TUNER

A superb tuner design to provide you with the fullest enjoyment of FM, FM stereo and standard AM broadcasts. Features high FM sensitivity of 1.8 μ v for -30 db quieting (IHFM) and only 1/4% distortion @ 100% modulation. Also featured are a stereo indicator light, FM inter-channel hush, tuning eye, 8 1/2" expanded slide-rule tuning scale, and automatic frequency control. FM selectivity: 200KC @ -3 db. AM has a wide (15KC)-narrow (5KC) bandpass selection to achieve top reception on standard broadcasts. Size: 14" x 4 1/2" x 12 1/2" D. Less case. For 115-125V 60 cycles AC. Shpg. wt., 25 lbs.

21 A 6105WX No Money Down Net 209.50



MODEL S-1000III 40-WATT AMPLIFIER

A high quality monophonic control center and 40-watt amplifier capable of driving any of today's low-efficiency speakers. Full complement of controls. Features a frequency response of 20-20,000 cps. at rated output, 70V line output and low level mic channel with mixer control. 5 tubes plus 4 silicon rectifiers. Size: 14" x 4 1/2" x 10 1/2" D. Less case. Shpg. wt., 24 lbs.

21 A 6106WX No Money Down Net 114.50



MODEL S-3000III FM MONO TUNER

A high quality FM tuner which features sensitive circuitry, internal plug-in space for the A3MX multiplex adapter to achieve brilliant stereo reception. Includes inter-channel hush, switchable AFC, tuning eye and 7" slide rule dial. Sensitivity 1.8 μ v for 30 db quieting. Response \pm 0.5 db 20-20,000 cps. Size: 14" x 4 1/2" x 10 1/2" D. Less Case. For 115-125V 60 cycles AC. Shpg. wt., 15 lbs.

21 A 6107WX No Money Down Net 110.50
A3MX Plug-In Multiplex Adapter For S-3000III.
21 A 6151 Shpg. wt., 5 lbs. Net 49.50

ENCLOSURES FOR SHERWOOD COMPONENTS

Standard Brown Flextone Cases For Models S-3000III, S-3000V, S-1000III Net 7.50
21 A 6108W Shpg. wt., 6 lbs.
Standard Black Flextone Cases for Models S-3000III, S-3000V, S-1000III Net 7.50
21 A 6109W Shpg. wt., 6 lbs.
Brown Flextone Cases for Models S-5000, S-5500III, S-2100II Net 7.50
21 A 6110W Shpg. wt., 8 lbs.
Black Flextone Cases for Models S-5000, S-5500III, S-2100II Net 7.50
21 A 6111W Shpg. wt., 8 lbs.
Brown Walnut leatherette case for S-8000III S-7700. Net 9.50
21 A 6112W Shpg. wt., 10 lbs.

FOR BUDGET TERMS SEE PAGE 412



STEREOPHONIC HI-FI COMPONENTS

MODEL 746 60-WATT AM/FM STEREO RECEIVER

A new, handsomely-styled stereo receiver that consists of a super-sensitive FM stereo tuner, AM tuner, stereo preamplifier, and powerful 60 watt stereo amplifier. FM stereo tuner has 4 IF stages and employs exclusive Automatic FM Stereo Indicator which alerts you to stations transmitting stereo. Amplifier has inputs for all program sources and controls for every possible stereo function, including tape monitoring. Outputs for 4, 8 or 16 ohm speakers, center speaker, headphones and tape out. **AMPLIFIER SPECIFICATIONS:** IHFM Music Power 60 watts, Response 10 cps —40 KC ± 1 db, Harmonic Distortion 0.1%. **FM STEREO TUNER:** IHFM Sensitivity 1.8 μv, Harmonic Distortion 0.2%, Separation 30 db. **AM TUNER:** Sensitivity 3 μv, Harmonic Distortion 1%. Size: 17½Wx6¼Hx13¾"D. Requires 105-120V 60 cps AC. Net 399.50
21 A 5400WX Less enclosure. Shpg. wt., 43 lbs.

Model WE-2 Oiled walnut enclosure for model 746, shpg. wt., 6 lbs.
21 A 5409W

Net 27.50

MODEL 654MA 60-WATT FM STEREO RECEIVER

The perfect heart for your stereo system all on one compact chassis. Includes sensitive FM stereo tuner with unique signal-sampling circuit for perfect stereo reception. Equipped with FM Stereo Indicator light which tells you when a station is transmitting stereo. Powerful 60 watt amplifier offers superb reproduction—even has provision for third speaker. Full range of controls and inputs on preamplifier for any conceivable stereo sound source. **TUNER SPECIFICATIONS:** IHFM Sensitivity 3 μv; Frequency Response 20 cps —20 KC ± 1 db, Harmonic Distortion 1%, Separation 30 db. **AMPLIFIER SPECIFICATIONS:** IHFM MUSIC POWER 60 watts, Frequency Response 10 cps —40KC ± 1 db, Harmonic Distortion 0.1%, Speaker outputs 4, 8 or 16 ohms and center speaker. Size: 14½Wx5¼Hx12¾"D. Requires 105-120V 60 cps AC. Net 329.50
21 A 5401WX With enclosure. Shpg. wt., 38 lbs.

MODEL 602MA 30-WATT FM STEREO RECEIVER

The 602MA has every desirable feature—compactness, reliable construction, cool operation, and complete control versatility. Preamplifier has inputs for every needed program source—record changer, turntable or tape transport and tape recorder. Amplifier delivers 30 watts of power, has connections for 4, 8 or 16 ohm speakers plus provision for a center speaker. FM stereo tuner uses unique signal-sampling multiplex circuit for better than 30 db separation, and has exclusive Automatic FM Stereo Indicator light which tells you when you are tuned to a stereo station. **FM TUNER SPECIFICATIONS:** IHFM Sensitivity 3 μv, Frequency Response 20 cps —20KC ± 1 db, Harmonic Distortion 1%. **AMPLIFIER SPECIFICATIONS:** IHFM Music Power 30 watts, Frequency Response 10 cps —40 KC ± 1 db, Harmonic Distortion 1%, Hum level —80 db. Size: 14½Wx5¼Hx11½"D. Requires 105-120V 60 cps AC. Net 249.50
21 A 5402WX With enclosure. Shpg. wt., 25 lbs.

MODEL 610 24-WATT FM STEREO RECEIVER

Moderately priced, this handsome receiver only requires the connection of two speaker systems to enjoy all the depth and dimension of music broadcast in FM Stereo. Unique signal-sampling FM multiplex circuit provides better than 30 db separation... even has Pilot's exclusive Automatic FM Stereo Indicator that tells you when a station is broadcasting stereo. The receiver also has provision for inputs from record changer or tape recorder, and tape monitor for making instantaneous comparison between program being taped and tape itself. Tuner is equipped with tuning eye for precise tuning and has built-in antenna for optional use. **FM TUNER SPECIFICATIONS:** IHFM Sensitivity 4 μv, Frequency Response 20 cps —20 KC ± 1 db, Harmonic Distortion 1%, Stereo Separation better than 30 db. **AMPLIFIER SPECIFICATIONS:** IHFM Music Power 24 watts, Frequency Response 10 cps —30 KC ± 1 db, Harmonic Distortion 1%, Hum level —80 db. Size: 14½Wx5Hx10¾"D. Requires 105-120V 60 cps AC. Net 199.50
21 A 5404WX With enclosure. Shpg. wt., 20 lbs.



240



780



280B



230

MODEL 240 30-WATT INTEGRATED STEREO AMPLIFIER

This rugged, versatile integrated amplifier is one of the most popular instruments offered by Pilot. Has inputs to accommodate virtually every stereo program source and eleven front panel controls for complete versatility. In addition to 4, 8 and 16 ohm speaker outputs, the 240 also has provision for connection of a center speaker. With 30 watts of power, the 240 offers a high level of performance coupled with handsome styling, making this an exceptional amplifier value. **SPECIFICATIONS:** IHFM Music Power 30 watts, Frequency Response 10 cps —40KC ± 1 db, Harmonic Distortion 1%. Size: 14½Wx5¼Hx11"D. Requires 105-120V 60 cps AC. Net 134.50
21 A 5405WX With enclosure. Shpg. wt., 23 lbs.

MODEL 780 DELUXE FM STEREO TUNER

This superb FM stereo tuner was designed to the most exacting standards. Its 4 IF stages and sophisticated circuitry produce FM performance matched only by professional broadcast monitor tuners costing many hundreds of dollars more. Includes Automatic FM Stereo Indicator which automatically lights on any station broadcasting stereo. Unique signal-sampling multiplex circuit assures at least 30 db separation. Flywheel tuning control and accurate meter make tuning easy and precise. **SPECIFICATIONS:** Sensitivity 1.8 μv, Response 20 cps —20KC ± 1 db, Harmonic Distortion 2%, Capture Ratio 1 db, built-in antenna for optional use. Size: 15¼Wx6¼Hx12¾"D. For 105-120V 60 cps AC. Net 199.50
21 A 5411WX Less enclosure. Shpg. wt., 15 lbs.
ME-1 Metal enclosure for Model 780. Shpg. wt., 4 lbs.

MODEL 230 24-WATT INTEGRATED STEREO AMPLIFIER

Designed for those who want top quality music reproduction at a budget price, this 24-watt integrated amplifier delivers performance to satisfy even the most critical buyer. Versatile preamplifier has inputs and controls for every important source of music. Handsomely styled in brushed gold and black, the amplifier provides 24 watts of power for clean, crisp music reproduction. Has 8, 16 ohm speaker outputs. **SPECIFICATIONS:** IHFM Music power 24 watts, Frequency Response 10 cps —30KC ± 1 db, Harmonic Distortion 1%, Hum —80 db. Size: 11½Wx5Hx9¾"D. For 105-120V 60 cps AC. Net 89.50
21 A 5408WX With enclosure. Shpg. wt., 141 lbs.

MODEL 280B FM STEREO TUNER

This instrument represents the greatest tuner value ever offered by Pilot. Simple and effective circuitry provides the finest FM reception... will amaze even the most critical audiophile. The 280B also incorporates the same unique signal-sampling multiplex circuit featured in the most expensive Pilot tuners. The circuit assures better than 30 db separation for maximum depth and dimension during FM stereo reception. Handsomely styled in brushed gold and black, the 280B offers brilliant, distortion-free reproduction in either the FM or FM stereo modes. **SPECIFICATIONS:** Sensitivity 4 μv, Frequency Response 20 cps —20KC ± 1 db, Harmonic Distortion 1%, Separation better than 30 db. Size: 11½Wx5Hx9¾"D. For 105-120V 60 cps AC. Net 99.50
21 A 5407WX With enclosure. Shpg. wt., 10 lbs.

harman kardon

FAMOUS AWARD SERIES

2 SUPERB NEW ADDITIONS to the AWARD LINE



TA7000X

TA7000X 70-WATT AM-FM STEREO RECEIVER

A deluxe complete music center in one compact chassis. Includes a sensitive AM/FM and FM multiplex tuner, dual preamplifier with inputs for every stereo function, and powerful 70-watt stereo amplifier capable of driving any home speaker system. Tuner automatically selects either stereo or mono reception. Has stereo indicator light. FM section has tuned grounded grid RF amp, 3 IF stages, gated beam limiter and tuning meter. Sensitivity: 0.9 μ v for 20 db of quieting. Response 10-35,000 cps \pm 1 db. AM section has high gain RF pentode. A.V.C., AFC and 10 KC bandwidth. Amplifier section provides 35-watts per channel 70 watts mono; Response: 12-70,000 cps \pm 1 db, Hum, 85 db below rated output. Individual tone controls; separate high & low cut filters and front panel stereo headphone jack. Brushed gold panel. For 100-120v 50/60 cycles AC. Size: 16Wx6 $\frac{1}{2}$ Hx13 $\frac{1}{2}$ "D. (excluding Knobs) less case. Shpg. wt., 40 lbs. 21 A 4227WX No Money Down Net 339.95



A-700

A-700 70-WATT INTEGRATED STEREO AMPLIFIER

Engineered to deliver professional performance, the A700 features specially designed massive output transformers to provide a frequency response of 10-40,000 cycles \pm 1/2 db. Full complement of stereo controls include blend lights which indicate degree of stereo separation; Speaker selector switch offering a choice of operating two independent stereo systems; tape monitor switch; contour controls, separate bass and treble controls, Hi and Lo-cut filters and balance control. A convenient stereo headphone jack is located on the front panel. 14 stereo inputs, 2 tape outputs. Music Power output 35-watts per channel, 70 watts Peak, Distortion: less than 0.2% at 5 watts, less than 0.8% at rated output; Hum: 85 db below rated output. Illuminated push-button on-off switch. Permits instrument to be turned on and off without upsetting volume control. Brushed gold panel. For 100-120 v 50/60 cycles AC. Size: 15 $\frac{1}{4}$ Wx5 $\frac{1}{2}$ Hx 12"D. (excluding knobs). Less Case, Shpg. wt., 32 lbs. 21 A 4228WX No Money Down Net 179.95

TA-3000X 30-WATT AM-FM STEREO RECEIVER



A highly sensitive, distortion-free FM and FM stereo multiplex tuner; an AM tuner; a dual 15 watt stereo amplifier and a master control center—all on one compact chassis. TA-3000X features include: built-in multiplex, wide band Foster-Seeley discriminator and gated beam limiter; illuminated push-button on/off switch; zero to infinity balance control; gated bass and treble tone controls; stereo contour control and AFC switch to "lock-in" FM stations. Frequency response 15-70,000 cps. \pm 1 db. Amp.: Hum level, 80 db below rated output. Excellent θ -regulation by silicon diode power supply. 8 stereo inputs; 2 stereo outputs. FM SECTION: Sensitivity 3.2 microvolts (IHFM) for 20 db of quieting. MPX frequency response: 15-15,000 cps \pm 1 db. Hum level 60 db below 100% modulation. AM: selectivity 10 KC built-in ferrite loopstick antenna. Other: One switched AC receptacle, 17 tubes, 8 diodes. For 117 VAC. Dimensions: 15 $\frac{1}{4}$ Wx5 $\frac{1}{2}$ Hx11 $\frac{1}{2}$ "D. Shpg. wt., 37 lbs. 21 A 4231WX Less Enclosure Net 249.95



FA3000X 30-WATT FM STEREO RECEIVER

Outstanding design plus quality and performance features make the FA3000X a popular unit. Offers a complete set of stereo controls. Multiplex section features a frequency response of 15-15,000 cycles \pm 1 db and 30 db of stereo separation. Tuner uses tetrode RF amplifier and wide-band ratio detector. Distortion is less than 1/2% at 100% modulation. Sensitivity: 3.5 μ v IHFM. Stereo Indicator light. Powerful 30-watt amplifier features 15 watts music power per channel frequency response \pm 1 db 15-70,000 cps. Has 6 stereo inputs, 2 tape recorder outputs. Other features include: Variable blend control, to eliminate "hole-in-middle" effect; gated bass and treble controls, illuminated push-button on-off switch to permit turning unit on and off without upsetting controls. Distortion is less than 1%. Handy switched AC outlet. 21 tube functions, 9 diodes. For 110-120v, 50/60 cycles AC. Size: 15 $\frac{1}{4}$ Wx5 $\frac{1}{2}$ Hx11 $\frac{1}{2}$ "D. Shpg. wt., 35 lbs. 21 A 4230WX No Money Down Net 219.95

MODEL F-500X FM STEREO MULTIPLEX TUNER



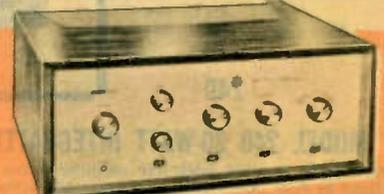
Ready to receive stereo broadcasts with the highest fidelity. Has built-in multiplex, high gain RF stage and wide band discriminator. Front panel stereo or mono indicator lights. Sensitivity 3 μ v IHFM; Response: \pm 0-52,000 cps \pm 1 db. Distortion less than 0.1% modulation. Features inter-channel muting, A.F.C. brushed gold panel. Size: 15 $\frac{1}{4}$ Wx5 $\frac{1}{2}$ Hx12"D. Less Case. For 110-120v 50/60 cycles AC. Shpg. wt., 23 lbs. 21 A 4229WX No Money Down Net 179.95

MODEL T300X AM-FM STEREO MULTIPLEX TUNER



Offers high all-around performance on AM, FM and FM multiplex. Ideal for stereo cost systems. Advanced FM circuit includes stereo noise filter, wide-band discriminator; 3 IF stages and gated beam limiter. Sensitivity: 0.95 μ v for 20 db of quieting. 3.2 μ v IHFM; Response: 10-35,000 cps \pm 1 db. AM section has wide-band IF, high sensitivity and selectivity, ferrite loop antenna. Controls; Tuning, on-off; AFC; Multiplex-Mono switch, Selector (AM-FM), FM stereo noise filter. Switched AC outlet. Brushed gold finish. For 110-120v 50/60 cycles AC. Size: 15 $\frac{1}{4}$ Wx5 $\frac{1}{2}$ Hx 11 $\frac{1}{2}$ "D. Shpg. wt., 25 lbs. 21 A 4233WX No Money Down Net 149.95

MODEL A300 30-WATT INTEGRATED STEREO AMPLIFIER



A beautifully styled amplifier with full stereo control facilities make it ideal for low budget systems. The A300 delivers 15-watts music power per channel with less than 1% distortion. Features include balance control to balance speakers to your rooms acoustics; variable blend control, loudness contour control, RIAA Phono and NAB tape equalization controls; separate tone controls; 2 tape outputs and illuminated push-button on-off switch. Response: 15-70,000 cps \pm 1 db; Hum: 80 db below rated output. Brushed gold panel. Less case. For 110-120v, 50/60 cycles AC. Size: 15 $\frac{1}{4}$ Wx5 $\frac{1}{2}$ Hx11 $\frac{1}{2}$ "D. Shpg. wt., 25 lbs. 21 A 4232WX No Money Down Net 99.95

ENCLOSURES for AWARD SERIES

STOCK NO.	H-K No.	For	Type	Net
21 A 4220WX	WW50A	A700, A300, T300X, F500X	Oil Walnut Wood — wt., 5 lbs.	29.95
21 A 4221WX	CX50	A700, A300, T300X, F500X	Metal — wt., 2 $\frac{1}{2}$ lbs.	12.95
21 A 4223WX	WW80A	TA7000X, TA3000X, FA3000X	Oil Walnut Wood — wt., 5 lbs.	29.95
21 A 4222WX	CX80	TA7000X, TA3000X, FA3000X	Metal — wt., 4 lbs.	12.95

DELUXE AUDIO COMPONENTS For The Perfectionist



harman kardon
PROFESSIONAL SOLID STATE AUDIO COMPONENTS



MODEL A-1000T 70-WATT SOLID-STATE INTEGRATED AMPLIFIER

Uses new silicon output transistors, high damping and output transformerless direct-coupled circuitry for exceptional music reproduction. Output can be shunted directly without damaging transistors or blowing fuses. Features separate bass and treble tone controls for each channel with defeat position on each control. All infrequently used front panel controls are concealed behind new hideaway door. Music Power Output: 35 watts per channel at all impedances. Frequency Response: 10-100,000 cps \pm 1/2 db. Distortion: less than 0.5% at full rated output. 12 stereo inputs; 4 outputs (incl. stereo headphones). Utilizes 28 transistors, 6 diodes. For 110-120 volts, 50/60 cps AC. Size: 14 1/2"Wx3 3/4"Hx10"D Shpg. wt., 25 lbs.

21 A 4237WX Less Enclosure Net 389.95

MODEL CW-10 Oiled Walnut Enclosure for A-1000T
 21 A 4238W Shpg. wt., 3 lbs. Net 19.95

MODEL F-1000T PROFESSIONAL SOLID-STATE FM STEREO TUNER

Features ultra wide-band design with four solid-state IF and limiter stages. Front end is quadra-tuned for optimum selectivity. Has special automatic stereo selector switching circuit with stereo indicator light. D'Arsonval tuning meter permits precisely accurate station selection. Low-noise Zener diode muting circuit cancels out interchannel hiss. New hideaway door conceals infrequently used front panel controls. Sensitivity: 2.0 microvolts IHFM. Frequency Response: 5-53,000 cps \pm 1/4 db. Distortion: less than 0.1% at 100% modulation. Signal-to-Noise Ratio: 60 db at 100% modulation. Outputs: 2 FM; 2 tape recorder. Employs 18 transistors, 8 diodes. For 110-120 volts, 50/60 cps AC. Size: 14 1/2"Wx3 3/4"Hx8"D. Shpg. wt., 20 lbs.

21 A 4239WX Less Enclosure Net 299.95

MODEL CW-10 Oiled Walnut Enclosure for F-1000T
 21 A 4238W Shpg. wt., 3 lbs. Net 19.95



ACOUSTECH
SOLID STATE AUDIO INSTRUMENTS



ACOUSTECH I SOLID-STATE STEREO POWER AMPLIFIER

A deluxe professional stereo amplifier in which all circuits are assembled on glass-epoxy boards. Each output stage is fused and uses four silicon power transistors mounted on large-finned heat sinks. At 2.5 volts input, RMS Power Output per channel is 40 watts (both channels operating simultaneously). Frequency Response at normal listening level is 5-50,000 cps \pm 1/4 db. Distortion: Harmonic, less than 0.95% (20-20,000 cps); I.M., less than 0.95% (SMPTE). Hum and Noise: -85 db below 40 watts. IHFM Damping Factor: in excess of 25. Input Impedance: 150K ohms. Solid-State Complements: 6-1N1124, 4-1N1692, 2-1N536, 2-2N398A, 2-ST1613, 2-ST4361, 2-2N1046, 8-ST1715. Size: 15 1/2"Wx5"Hx12"D. Shpg. wt., 29 lbs.

21 A 7700WX Net 395.00

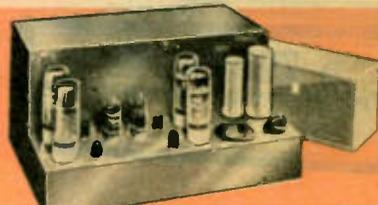
ACOUSTECH II SOLID-STATE STEREO DECADE CONTROL AMPLIFIER

Provides an amplification system of truly professional performance when combined with Acoustech I Power Amplifier. Features include (1) Stepped decade level control for exact channel matching (\pm 1/4 db) over entire range (2) Four separate stepped tone controls for precise equalization of highs and lows (3) Muting switch for reduced sound level when changing stations, records or tapes (4) 3-position high frequency filter (5) Balance switch permits balancing of entire system, not just amplifier and speakers. Other front panel controls: 3-position low frequency filter; Equalization; Tape monitor; Calibrated loudness compensation; Separation; Push-button on-off switch; Stereo mode switch; Input selector; Stereo headphones or tape output; Pilot light. Frequency Response: Flat 1-100,000 cps. Size: 15 1/2"Wx5"Hx12"D. Shpg. wt., 12 lbs.

21 A 7701WX Net 340.00



DELUXE PROFESSIONAL AUDIO COMPONENTS
 By **marantz**



MODEL 7C STEREO CONSOLE PREAMPLIFIER

This new self-powered stereo preamplifier combines Marantz's remarkable quality construction with complete versatility and ease of operation. Front Panel Controls feature: 8-pos. Selector (Mic, Phono 1, Phono 2, Tapehead, FM-AM, FM Multiplex, TV, Auxiliary) 5-pos. Mode (Stereo, Stereo Reverse, Ch A, Ch B, Ch A+B), Volume, Balance, 4-Independent Bass and Treble Tone Controls, Record Equalizer, Tape Playback on Monitor, High Filter, Rumble Filter and Power Switch. Rear Controls feature: Output Level-sets, 3 Pairs of Outputs, Tape-head Equalizer Adjustments, 9 Pairs of Inputs, 6 AC Convenience Outlets and System Grounding Point. Frequency Response: 1/2 db 20-20,000 cps. IM Distortion: 0.1%. Total Noise: in 20-20,000 cps audio range, 80 db below 10 mv phono input with RIAA curve. Tubes: 6-ECC83/12AX7. Size: 15 1/2"Wx5 1/4"Hx8 1/2"D. For 105-125 volts, 50/60 cps. AC. Shpg. wt., 16 lbs.

21 A 5001WX Marantz Model 7C-Less Cabinet Net 264.00

WOOD CABINET FOR ABOVE: Oiled Walnut. Shpg. wt., 4 lbs.
 21 A 5002W Net 24.00

MODEL 8B DUAL 35-WATT STEREO PHONIC POWER AMPLIFIER

Professional in every respect, the Model 8B Stereo Amplifier furnishes performance and workmanship found in high quality Broadcast or Laboratory equipment. Built-in Bias Meter. Power Output is 35 Watts per channel (70 watts peak). Response, 0.1 db from 20-20,000 cps at 30-watts. Distortion: harmonic, less than 0.1%; I.M., less than 0.5%. Hum: -90 db. Input Sensitivity 1.3 volts. Output Impedance: 4, 8, and 16 ohms. Tubes: 2-6BH6, 2-6CG7, 4-EL34/6CA7. Overall Size: 13 1/2"Wx7 1/4"Hx10 1/2"D. For 105-125 volts, 50/60 cps AC. Shpg. wt., 57 lbs.

21 A 5003WX Marantz Model 8B Less Cabinet Net 264.00

Model 8G Gold Finish Perforated Snap-On Grille For Above.
 21 A 5004W Shpg. wt., 1 lb. Net 9.00

MODEL 9. Superb massive single channel 70-watt amplifier—exceptional stability & low distortion. 2-6DJ8/ECC88, 1-6CG7, 4-6CA7/EL34, 1 Zener Diode, 5 silicon rectifiers, 15 1/2"Wx8 1/4"Hx10 1/2"D.
 21 A 5005WX Not Illus. Shpg. wt., 63 lbs. Net 384.00

NEW! BELL IMPERIAL 1000 80-WATT SOLID-STATE FM STEREO RECEIVER



Delivery Approx.
 October 15, 1963

A complete FM tuner and stereo amplifier on a single chassis featuring the latest solid-state design and engineering techniques including automatic stereo switching. Large, easy-to-read meter serves as both tuning and stereo indicator (switchable from front panel). Additional features include (1) chrome-plated chassis (2) silver-plated super cascade tuner (3) variable FM noise muting (4) FM stereo noise filter (5) output stage overload protection. 16 front panel controls and switches plus 2 stereo headphones jacks provide outstanding flexibility of operation. FM SECTION: Sensitivity, 1.6 microvolts IHFM; Frequency Response, 20-15-

000 cps \pm 1/4 db; Distortion, less than 0.8% THD at 100% modulation; Hum and Noise Level, -65 db. AMPLIFIER SECTION: Music Power Output, 40 watts per channel; Frequency Response, 9-50,000 cps \pm 1 db; Residual Hum and Noise, 80 db below rated output. Solid-State Complement: 36 transistors, 16 diodes, 1 Vericap, 1 Zener diode, 4 Nuvistors. For 110-120 volts, 50/60 cps AC. Size: 17 1/2"Wx6 1/4"Hx15 1/4"D. Shpg. wt., 44 lbs.

21 A 1501WX Less Enclosure Net 529.95

MODEL WCT-1 Oiled Walnut Enclosure for Imperial 1000

21 A 1502W Shpg. wt., 4 lbs. Net 29.95

STEREO COMPONENTS BY

Bogen

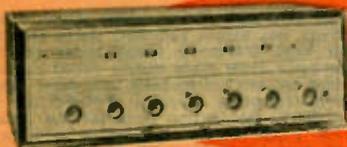
BOGEN AP30 30-WATT STEREO AMPLIFIER



Model AP30
9995

Music power output of 30 watts (15 watts per channel) IHFM. Frequency response: ± 1 db., 20-20,000 cps. Audio sensitivity: 4.5mv (mag. & tape), 0.5v (tuner & aux.) Hum & noise: -55 db (low level), -70 db (high level). Distortion: 0.6% @ rated output. Controls: 4 pos. programming selector, volume, balance, bass, treble, blend, loudness, rumble filter, stereo reverse, power, 9 tubes, 4, 8, 16 ohms output impedances. Attractive gold panel. Size 15Wx4 $\frac{3}{4}$ Hx11 $\frac{1}{2}$ "D. Shpg. wt., 16 lbs.
21 A 1702WX Less Enclosure Net 99.95

BOGEN AP250 50-WATT STEREO AMPLIFIER



Model AP250
15495

Delivers 25 watts music power per channel, 50 watts combined (IHFM). Frequency response: 20-20,000 cycles, ± 1 db. Distortion: 0.6% at rated output. Sensitivity: High level 4.5 mv; low level 0.5v. Controls: 4 pos. prog. selector, 4 pos. mode, volume, balance, separate co-ax bass & treble, rumble filter, scratch filter, loudness, tape mon., blend, power. Has blend pos. indicator light. 10 tubes, plus 2 silicon & 1 selenium rect. 4, 8, 16 ohms output impedances. Attractive gold panel. Size: 15Wx4 $\frac{3}{4}$ Hx11 $\frac{1}{2}$ "D. Shpg. wt., 20 lbs.
21 A 1705WX Less Enclosure Net 154.95

BOGEN TP250 FM STEREO TUNER



Model TP250
15995

SPECIFICATIONS: Freq. resp. ± 0.5 db 30-15,000 cps; Sensitivity, 0.85 μ v for 20 db quieting (IHFM 2.5 μ v); Distortion, 0.5%; Hum & Noise, -60 db Built-in matrixing type multiplex network with "Stereo-Minder" indicator. 10 tubes plus 3 crystal diodes and 1 rectifier. Attractive gold panel. Size 12 $\frac{7}{8}$ Wx4 $\frac{3}{4}$ Hx10"D. Shpg. wt., 16 lbs.
21 A 1706WX Less Enclosure Net 159.95

BOGEN MODEL RP60 60-WATT AM-FM MULTIPLEX RECEIVER



Model RP60
31495

All-in-one music center—30/30 watt stereo amplifier-preamplifier, AM receiver, FM receiver and built-in time division type multiplex network with "Stereo-Minder" indicator. Front panel controls: 6 pos. prog. selector, 4 pos. mode, volume, balance, separate co-ax bass & treble, rumble filter, scratch filter, loudness, tape monitor, power, tuning, AFC, stereo filter. SPECIFICATIONS: FM sensitivity 0.85 μ v for 20 db quieting, 2.5 μ v IHFM usable; freq. resp. ± 1 db 20-20,000 cps; distortion 0.6% at rated output. 20 tubes plus 8 crystal diodes and 7 rect. Size: 15 $\frac{1}{2}$ Wx5 $\frac{1}{4}$ Hx15"D. Shpg. wt., 35 lbs.
Model RPF60 (not illus.) same as above but FM only. Shpg. wt., 34 lbs.
21 A 1703WX Less Enclosure Net 314.95
21 A 1704WX Less Enclosure Net 279.95

BOGEN RP230 AM-FM STEREO RECEIVER



Model RP230
24995

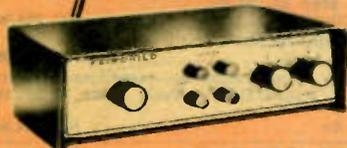
Combines an AM-FM tuner with a 15/15 watt stereo amplifier-preamplifier on a single chassis. Features the "Stereo-Minder" FM stereo indicator. Front panel controls: 6 pos. prog. selector, 4 pos. mode, volume, balance, separate co-ax bass & treble, rumble filter, scratch filter, loudness, power, tuning, AFC. SPECIFICATIONS: FM sensitivity 0.85 μ v for 20 db quieting, 3.0 μ v IHFM usable; freq. resp. ± 1 db 20-20,000 cps; distortion 0.6% at rated output; output impedances 8 and 16 ohms; channel separation better than 25 db to 10 KC, 20 db at 10 KC, 17 db at 15 KC, 19 tubes plus 7 crystal diodes and 2 rectifiers. Attractive gold panel. Size: 15 $\frac{1}{2}$ Wx5 $\frac{1}{4}$ Hx15"D. Shpg. wt., 35 lbs.
21 A 1701WX Net 249.95

ENCLOSURES FOR BOGEN HI-FI COMPONENTS

21 A 1707W	EN-7	Metal Case for RPF60, RP60, RP230	6 lbs.	12.95
21 A 1708W	EN-8	Metal Case for TP250	6 lbs.	11.95
21 A 1709W	EN-9	Metal Case for AP250, AP30	6 lbs.	11.95
21 A 1710W	WE-7	Wal. Case for RP60, RPF60, RP230	7 lbs.	27.95
21 A 1711W	WE-8	Wal. Case for TP250	7 lbs.	26.95
21 A 1712W	WE-9	Wal. Case for AP250, AP30	7 lbs.	26.95

BUY ON TIME SEE PAGE 412

FAIRCHILD MODEL 510 COMPANDER



ELECTRONIC SENSING DEVICE

The Fairchild Compander is a deluxe automatic sensing device that allows recreation of original performance dynamics in existing playback equipment for discs, tape or FM. The Com-

pander is not an amplifier. Therefore, it does not introduce distortion or require a 110 V AC power supply. The Compander is inserted between the output program source: pickup, tape unit, or FM and the input of preamp. or integrated amp. By deriving and analyzing a signal from the existing amplifier—the Compander automatically increases your amplifier gain to allow dynamic expansion of high level signals to compensate for the controls placed on the original recording. Now you don't have to operate your amplifier wide open. Surface noise; turntable and system noises are minimized. Right or left information is displayed giving insight into original studio mike placement. Dynamically expands signals—increases separation effects of signal. Also can be used as signal compressor for background music control. Specifications: Input Imp. 47 K ohms both channels. Output Imp. 47 K ohms. Control circuit Imp. 4-16 ohms; Min. Control Circuit volt. 25V AC. Expansion 8 db max/channel. Compression 20 db max. channel. Distortion—none. Freq. Response—Flat through entire audio range. AC Power Requirements—none. Dim.: 8 $\frac{3}{4}$ x 5 x 2 $\frac{3}{4}$ "

21 A 3501 Compander Kit Shpg. wt., 6 lbs. Net 59.95
21 A 3502 Compander Factory Wired and Assembled Net 75.00



MODEL EIGHT FM RECEIVING SYSTEM



- Not A Radio, But a Complete FM Music System
- Attractive Solid Walnut Cabinets

An entirely new concept in QUALITY FM reception. The Model Eight is designed for the music lover who desires the finest in FM music. The Model Eight consists of two separate but electronically integrated units housed in two solid walnut cabinets, each of which measures 10 $\frac{3}{4}$ Wx5 $\frac{1}{4}$ Hx6 $\frac{1}{2}$ "D. One of these encloses the FM Tuner-amplifier chassis. The other constitutes a wide-range loudspeaker system in a sealed enclosure. They are connected by a 30' cable which can be coiled on the back of the speaker cabinet. Output jacks on the back of the tuner-amplifier chassis are provided for addition of a multiplex adapter, and for use of the tuner section alone with a tape recorder or an external amplifier and speaker. Additional terminals permit substitution of an external 300-ohm antenna for the built-in antenna. Tube complement: 1-6BS8, 1-6U8, 3-6AU6, 2-6BM8 plus 2-germanium diodes and 1-silicon power rectifier. Fully transformer operated; requires 110-120V, 60 cps AC. Attractive satin walnut finish. Shpg. wt., 15 lbs.
21 A 4401WX Net 159.00

MODEL 8MA—Fully Transistorized Multiplex Adapter System including stereo pre-amplifier-amplifier and speaker. Shpg. wt., 23 lbs.
21 A 4402WX (not illus.) Net 149.00

McIntosh Professional Hi-Fi Components



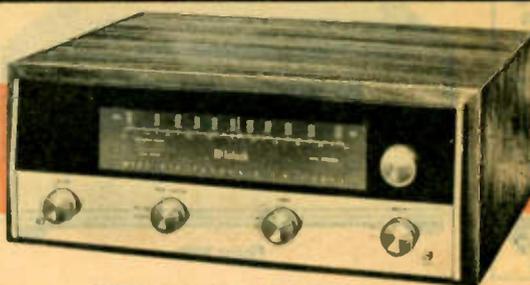
NEW MX110 STEREO FM TUNER PREAMPLIFIER

- Stereo Indicator Light
- Nuvistor RF, 4 IF Stages, and 2 Limiters
- New "Panloc" for Professional Built-in Installation

Engineered for the discriminating listener, the MX110 combines in one unit an FM Tuner with Multiplex and a Stereo Preamplifier. New "Panloc" system included permits a professional built-in installation, with ease of operation and maintenance. Features a complete stereo control center. Choice of 6 different program sources. Has 16 tubes, EM 87 tuning indicator, 10 diodes and 4 selenium rectifiers. A front panel stereo indicator lights only when a stereo station is broadcasting and is insensitive to noise. Tuner bandwidth is 200K and sensitivity is better than 2.5 μ v at 100% modulation. Uses cascode RF stage with 6DS4 nuvistor, 4 IF stages and 2 limiters. Response: 20 to 20,000 cps $\pm 1/2$ db; Distortion: less than 0.2% at rated output. Anodized gold and black panel. Size: 15 $\frac{1}{2}$ Wx5 $\frac{1}{4}$ Hx13"D. For 105-125V 50/60 cycles AC. Shpg. wt., 36 lbs.

21 A 5106WX MX110 Less Case

Net 399.00



NEW MR67 STEREO FM TUNER

- Signal Strength/Multipath Distortion Indicator
- Nuvistor RF, 4 IF Stages and 2 Limiters
- New "Panloc" For Professional Built-in Installation

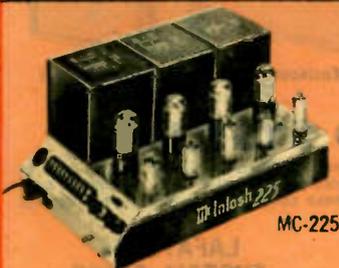
For superb monophonic or stereo FM reception. Features new "Panloc" system for a professional built-in installation with ease of operation and maintenance. Highly sensitive circuitry offers cascode (2 tube) RF amplifier with 6DS4 nuvistor in first stage, 4 IF stages and 2 limiter stages with AGC used to insure limiting only in the limiter stages. High, 2.5 μ v sensitivity reduces adjacent station interference. Switchable front panel indicator is used for both precise tuning control and indication of multipath distortion which may occur in some locations. The multiplex stereo light is only activated when a station is broadcasting stereo. 12 tubes, EMM801 tuning eye, 9 diodes and 2 selenium rectifiers. For 105-125V 50/60 cycles AC. 16Wx5 $\frac{1}{4}$ Hx13"D. Shpg. wt., 33 lbs.

21 A 5107WX MR67 Less Cabinet

Net 299.00

UP TO 24 MONTHS TO PAY SEE PAGE 412

STEREO AND MONO POWER AMPLIFIERS



MC-225

MC225 TWIN 25-WATT STEREO AMPLIFIER. Power Output: Stereo or Twin Amp—25 watts per channel; Mono—50 watts. Frequency Response: +0, -0.1 db 18-30,000 cps @ rated power; +0, -2 db 14-100,000 cps @ half power. Output Impedances: Stereo or Twin Amp—4, 8, 16, 150, 200, 600 ohms; Mono—2, 4, 8, 75, 100, 300 ohms. Hum and Noise: -90 db. Harmonic and IM Distortion: Less than 0.5% @ rated output, 20-20,000 cps. Phase Shift: Less than $\pm 15^\circ$, 20-20,000 cps. Output Voltages: 25, 70.7 volts. Tubes: 1-12AX7, 2-12AU7, 2-12BH7, 4-7591. Finish: Black & Chrome. For 117 volts, 50-60 cps AC. Size: 14 $\frac{1}{2}$ Wx6 $\frac{1}{4}$ Hx9 $\frac{1}{4}$ D.

21 A 5103WX Shpg. wt., 39 lbs.

Net 198.00

MC240 TWIN 40-WATT STEREO AMPLIFIER. Power Output: Stereo or Twin Amp—40 watts per channel; Mono—80 watts. Frequency Response: ± 0.1 db 20-20,000 cps @ full rated power. Output Impedances: Stereo or Twin Amp—2, 4, 8, 16, 125, 600 ohms; Mono—2, 4, 8, 16, 32, 62, 300 ohms. Hum and Noise: -90db. Harmonic and IM Distortion: Less than .5% @ rated output, 20-20,000 cps. Phase Shift: Less than $\pm 6^\circ$, 20-20,000 cps. Tubes: 3-12AX7, 2-12AU7, 2-12BH7, 4-6L6GC. Finish: Black and Chrome. For 105-130 volts, 50-60 cps AC. Size: 16 $\frac{1}{2}$ Wx7 $\frac{1}{4}$ Hx10 $\frac{1}{4}$ D.

21 A 5101WX Shpg. wt., 56 lbs.

Net 288.00

MC275 TWIN 75-WATT STEREO AMPLIFIER. Power Output: Stereo or Twin Amp—75 watts per channel; Mono—150 watts. Frequency Response: +0, -0.1 db 16-40,000 cps @ rated output; +0, -1 db 10-100,000 cps @ half power. Output Impedances: Stereo or Twin Amp—4, 8, 16, 67, 150, 600 ohms; Mono—2, 4, 8, 16, 32 ohms. Hum and Noise: -90 db. Harmonic and IM Distortion: Less than 0.5% @ rated output, 20-20,000 cps. Phase Shift: Less than $\pm 8^\circ$, 20-20,000 cps. Output Voltages: 25, 70.7, 115, 230 volts. Tubes: 1-12AX7, 2-12BH7, 2-12AT7, 4-KT88. Finish: Black and Chrome. For 105-130 volts, 50-60 cps AC. Size: 12 $\frac{1}{2}$ Wx8 $\frac{1}{4}$ Hx17 $\frac{1}{4}$ D.

21 A 5105WX Shpg. wt., 76 lbs.

Net 444.00

MC75 75-WATT POWER AMPLIFIER. Rated at 75 watts continuous output with less than 0.5% Harmonic and IM distortion. Frequency Response: +0, -0.1 db 16-40,000 cps. @ 75 watts. Output Impedances: 4, 8, 16, 67, 150, 600 ohms. Output Voltages: 25, 70.7, 115, 230 volts. Tubes: 1-12AX7, 1-12AU7, 1-12BH7, 1-12AT7, 2-KT88. Finish: Black and Chrome. For 117-125 volts, 50-60 cps AC. Size: 8 $\frac{1}{4}$ Wx8 $\frac{1}{4}$ Hx16 $\frac{1}{4}$ D. Shpg. wt., 49 lbs.

21 A 5104WX (Not illus.)

Net 229.50

MC40 POWER AMPLIFIER. Similar to MC75 except rated at 40 watts output. Size: 8 $\frac{1}{4}$ Wx7 $\frac{1}{4}$ Hx13 $\frac{3}{4}$ D. Shpg. wt., 35 lbs.

21 A 5102WX (Not illus.)

Net 159.00

Cabinets for McIntosh Instruments with PANLOC—Models C22, MX110, MR67

21 A 5110W Model L10W Walnut Wt. 8 lbs., Net 25.00

21 A 5111W Model L10W Oil Walnut Wt., 8 lbs., Net 25.00

Cabinets for older Model McIntosh units without PANLOC

21 A 5113W Model L-66W Walnut wt. 8 lbs., Net 25.00



NEW C-22 STEREO PREAMPLIFIER

A superlative control center for the finest home high fidelity music systems. The C-22 stereo preamplifier provides complete stereo control facilities to match room acoustics and as a bonus, features the exclusive McIntosh PANLOC installation system at no extra cost. This permits professional custom built-in installation into a cabinet or wall with a minimum of effort and allows simple removal of unit any time it may be desired. Frequency Response 20 to 20,000 cps, ± 0.5 db; Typical distortion: less than .02% at 3 volts output; Noise: -85 db; Main output 2.5v with rated input; Controls: Input Selector (AUX., Tape, tuner 1, tuner 2, phono 1, phono 2, mic., tape head); mode selector, 7 positions (L to L and R, R to L and R, Stereo Rev., Stereo, Mono (L plus R), L + R to L, and L + R to R); Volume; Balance; left and right Bass and Treble (11 positions); Compensator switch, (RIAA or LP); tape switch, (normal or monitor); Power on/off; Tape Jack switch for record or playback of external tape recorder; L and R Level controls; Low Frequency Trim control, L and R Tape equalization controls; phase switch; Pilot Lamp Intensity switch. 5 AC convenience outlets, (4 switched). Size: 16Wx5 $\frac{1}{4}$ Hx13"D. Front panel finished in gold and black. For 117V 50/60 cps AC. Shpg. wt., 25 lbs.

21 A 5108WXless cabinet..... Net 279.00

McIntosh "PANLOC" SYSTEM INSTALLATION

The new McIntosh models C22, MR67, and MX110 will be shipped with the new McIntosh "PANLOC" system installation. The "Panloc" professional installation technique gives you absolute ease of installation, operation, and maintenance. By means a special metal shelf supplied with the MX110, MR67, C22 you will be able to easily mount your instrument horizontally or vertically. Your McIntosh instrument with "Panloc" locks & unlocks to this shelf enabling you to slide your instrument in and out at your convenience.

CABINETS For McIntosh EQUIPMENT

FISHER STEREOPHONIC HI-FIDELITY SYSTEMS

FISHER 500C 75-WATT FM STEREO PHONO SYSTEM

CHOICE OF STEREO CARTRIDGE

U38/AT

880 EMPIRE

M3D

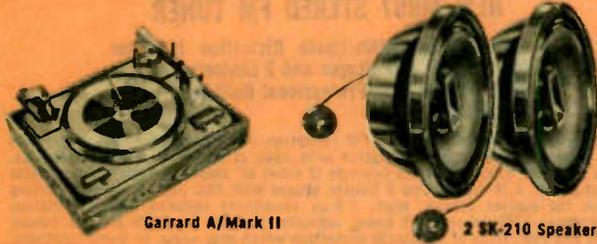


Fisher 500C

One of the finest stereo systems we have ever offered featuring the world famous Fisher 500C 75-watt FM Stereo Receiver. All components have been carefully selected and perfectly matched by Lafayette Audio Specialists.

Fisher 500C 75-watt FM Stereo Receiver (less case)
 Garrard A/Mark II 4-speed Automatic Record Changer
 Wood Base for Garrard A/Mark II
 Pickering U38/AT Stereo Cartridge* with .7 Mil Diamond
 2 Deluxe Lafayette SK-210 12" 3-way Speakers with 2 1/4 lb. Magnets

LAFAYETTE SYSTEM PRICE WITH FREE ACCESSORIES
459⁹⁵



Garrard A/Mark II

2 SK-210 Speakers

21 A 9851CWXM Shpg. wt., 99 lbs. Net 459.95
ALTERNATE SYSTEMS

System No.	Receiver	Fisher Change	Base	Cart.	Speaker Components	Shpg. Wt.	Net
21 A 9852CWXM	500C	A	↑	*	2 SK-210 Spkrs. In Elliptoflex Encl.†	143 lbs.	519.95
21 A 9853CWXM	500C	A	↑	*	2 SK-215 15" 3-way Spkrs.	149 lbs.	494.95
21 A 9854CWXM	500C	A	↑	*	2 SK-215 & 2 Highboy Enclosures††	257 lbs.	579.95
21 A 9856CWXM	500C	A	↑	*	2 Decorette II Spkr. Systems#	160 lbs.	485.95

* Specify Choice of Pickering U38/AT, Shure M3D, or Empire 880 Stereo Cartridge.
 † Specify oil walnut, mahogany, or blonde finish.
 †† Specify walnut or mahogany finish.
 # Oil walnut finish.

FREE!

Free with the purchase of any Fisher High-Fidelity System listed on this page—Automatic 45 RPM spindle for your record changer, record cleaning kit, stylus pressure gauge, all cables and connectors, and 20 ft. of speaker hook-up cable.

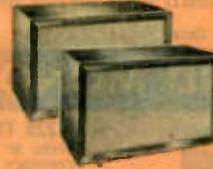
ALTERNATE COMPONENTS



2 SK-215 Speakers



2 CAB-19 Highboy Enclosures



2 Elliptoflex Enclosures



2 SK-270 Decorette II Speaker Systems

FISHER 400 60-WATT FM STEREO PHONO SYSTEM

CHOICE OF STEREO CARTRIDGE

U38/AT

880 EMPIRE

M3D

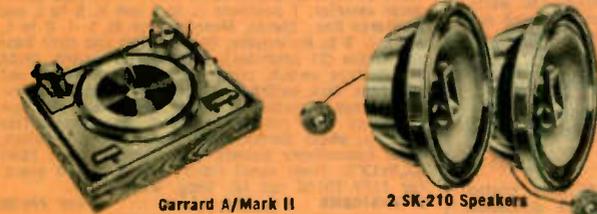


Fisher 400

This fine stereo system features the newest addition to Fisher famous line of Receivers—Model 400 60-watt FM Stereo Receiver. Lafayette audio specialists have carefully selected and perfectly matched these components to provide the listener outstanding stereo reproduction.

Fisher 400 60-watt Stereo Receiver (less case)
 Garrard A/Mark II 4-speed Automatic Record Changer
 Wood Base for Garrard A/Mark II
 Pickering U38/AT Stereo Cartridge* with .7 Mil Diamond
 2 Deluxe Lafayette SK-210 12" 3-way Speakers with 2 1/4 lb. Magnets

LAFAYETTE SYSTEM PRICE WITH FREE ACCESSORIES
409⁹⁵



Garrard A/Mark II

2 SK-210 Speakers

21 A 9857CWXM Shpg. wt., 93 lbs. Net 409.95
ALTERNATE SYSTEMS

System No.	Receiver	Fisher Change	Base	Cart.	Speaker Components	Shpg. Wt.	Net
21 A 9858CWXM	400	A	↑	*	2 SK-210 Spkrs. In Elliptoflex Encl.†	137 lbs.	469.95
21 A 9859CWXM	400	A	↑	*	2 SK-215 15" 3-way Spkrs.	143 lbs.	444.95
21 A 9860CWXM	400	A	↑	*	2 SK-215 & 2 Highboy Enclosures††	250 lbs.	529.95
21 A 9861CWXM	400	A	↑	*	2 Decorette II Spkr. Systems#	153 lbs.	439.95

* Specify Choice of Pickering U38/AT, Shure M3D, or Empire 880 Stereo Cartridge.
 † Specify oil walnut, mahogany, or blonde finish.
 †† Specify walnut or mahogany finish.
 # Oil walnut finish.

FREE!

Free with the purchase of any Fisher High-Fidelity System listed on this page—Automatic 45 RPM spindle for your record changer, record cleaning kit, stylus pressure gauge, all cables and connectors, and 20 ft. of speaker hook-up cable.

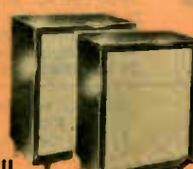
ALTERNATE COMPONENTS



2 SK-215 Speakers



2 SK-270 Decorette II Speaker Systems



2 CAB-19 Highboy Enclosures



2 Elliptoflex Enclosures

FISHER STEREOHONIC HI-FIDELITY SYSTEMS

FISHER 75-WATT STEREO PHONO SYSTEM

Here is a brilliant stereo phono system featuring Fisher's finest amplifier, the Model 202B. All components have been carefully selected and perfectly matched by Lafayette's Audio Specialties.

Fisher X202B 75-watt Stereo Amplifier (less case)
Garrard AT6/Mark II 4-Speed Record Changer Base for Garrard AT6 †
Pickering U38/AT Stereo Cartridge with .7 Mil Diamond Needle
2 World Famous Lafayette SK-58 12" Coaxial Hi-Fi Speakers

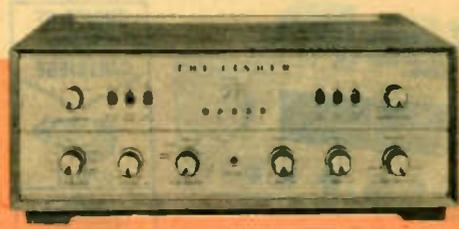
LAFAYETTE SYSTEM PRICE WITH FREE ACCESSORIES
305⁵⁰

21 A 9862CWXM Shpg. wt., 84 lbs. Net 305.50

ALTERNATE SYSTEMS

System No.	Fisher Amp.	Changer	Base	Cart-ridge	Speaker Components	Shpg. Wt.	Net
21 A 9863CWXM	X202B	A	†	Choice	2 SK-58 Spkrs.	84 lbs.	327.50
21 A 9864CWXM	X202B	AT6	†	of	2 SK-58 Spkrs. in		
				Pickering	Eliptoflex Enc. †	136 lbs.	365.50
21 A 9865CWXM	X202B	A	†	U38/AT or	2 SK-58 Spkrs. in		
				Shure	Eliptoflex Enc. †	136 lbs.	367.50
21 A 9866CWXM	X202B	AT6	†	M3D or	2 SK-210 Spkrs. in	88 lbs.	328.50
21 A 9867CWXM	X202B	AT6	†	Empire 880	2 SK-210 Spkrs. in		
				Stereo	Eliptoflex Enc. †	140 lbs.	386.50
21 A 9868CWXM	X202B	AT6	†	Cartridge	2 Decorette II		
					Spkr. Systems #	148 lbs.	356.50
21 A 9870CWXM	X202B	A	†		2 Decorette II		
					Spkr. Systems #	148 lbs.	378.50

† Specify oil walnut, mahogany, or blonde finish. # Oil walnut finish.



Fisher 202B



Garrard AT6/Mark II



2 SK-58 Speakers

ALTERNATE COMPONENTS



2 SK-210 Speakers



Garrard A/Mark II



2 Decorette II Speaker Systems



2 Eliptoflex Enclosures

FREE!

Free with the purchase of any Fisher High-Fidelity System listed on this page—Automatic 45 RPM spindle for your record changer, record cleaning kit, stylus pressure gauge, all cables and connectors, and 20 ft. of speaker hook-up cable.

FISHER 60-WATT STEREO PHONO SYSTEM

A 60 watt Stereo phono system featuring Fisher's famous Model X101C stereo amplifier. The Model X101C is noted for its superb modern styling and fine stereo reproduction. All components have been carefully selected and perfectly matched by Lafayette's audio specialists.

Fisher X101C 60-Watt Stereo Amplifier (less case)
Garrard AT6/Mark II 4-Speed Record Changer
Base for Garrard AT6 †
Pickering U38/AT Stereo Cartridge with .7 Mil Diamond Needle
2 Famous Lafayette SK-58 12" Coaxial Hi-Fi Speakers

LAFAYETTE SYSTEM PRICE WITH FREE ACCESSORIES
265⁵⁰

21 A 9871CWXM Shpg. wt., 80 lbs. Net 265.50

ALTERNATE SYSTEMS

System No.	Fisher Amp.	Changer	Base	Cart-ridge	Speaker Components	Shpg. Wt.	Net
21 A 9893CWXM	X202B	A	†	Choice	2 SK-58 Spkrs.	80 lbs.	287.50
21 A 9873CWXM	X202B	AT6	†	of	2 SK-58 Spkrs. in		
				Pickering	Eliptoflex Enc. †	132 lbs.	325.50
21 A 9874CWXM	X202B	A	†	U38/AT or	2 SK-58 Spkrs. in		
				Shure	Eliptoflex Enc. †	132 lbs.	347.50
21 A 9875CWXM	X202B	AT6	†	M3D or	2 SK-210 Spkrs.	84 lbs.	288.50
21 A 9876CWXM	X202B	AT6	†	Empire 880	2 SK-210 Spkrs. in		
				Stereo	Eliptoflex Enc. †	136 lbs.	346.50
21 A 9877CWXM	X202B	AT6	†	Cartridge	2 Decorette II		
					Spkr. Systems #	144 lbs.	316.50
21 A 9878CWXM	X202B	A	†		2 Decorette II		
					Spkr. Systems #	144 lbs.	338.50

† Specify oil walnut, mahogany, or blonde finish. # Oil walnut finish.



Fisher 101C



Garrard AT6/Mark II



2 SK-58 Speakers

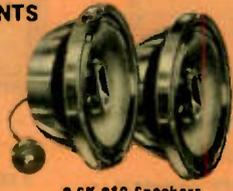
ALTERNATE COMPONENTS



2 Decorette II Speaker Systems



Garrard A/Mark II



2 SK-210 Speakers



2 Eliptoflex Enclosures

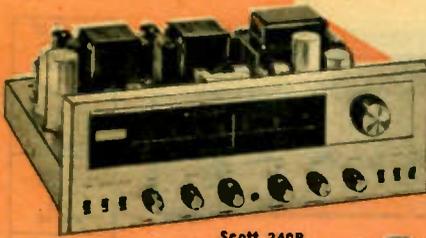
FREE!

Free with the purchase of any Fisher High-Fidelity System listed on this page—Automatic 45 RPM spindle for your record changer, record cleaning kit, stylus pressure gauge, all cables and connectors, and 20 ft. of speaker hook-up cable.

SCOTT

STEREOPHONIC HI-FIDELITY SYSTEMS

SCOTT 70-WATT FM STEREO PHONO SYSTEM



Scott 340B

CHOICE OF STEREO CARTRIDGE



U38/AT



880 EMPIRE



M3D



Garrard A/Mark II



2 SK-210 Speakers

Here is a distinguished 70 watt FM Stereo System featuring the deluxe Scott 340B 70-watt Stereo FM Tuner/Amplifier. All components have been carefully selected and perfectly matched by Lafayette audio specialists.

Scott 340B 70-watt FM Tuner/Amplifier (less case). Garrard Type A/Mark II 4-Speed Record Changer. Wood Base for Garrard A/Mark II. Pickering U38/AT Stereo Cartridge * with .7 Mil Diamond. 2 Lafayette SK-210 12" 3-way speakers with 2 1/4 lb. Magnets.

21 A 9800CWXM Shpg. wt., 99 lbs..... Net 469.95

LAFAYETTE SYSTEM PRICE WITH FREE ACCESSORIES

469⁹⁵

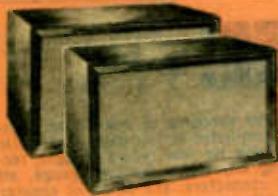
NO MONEY DOWN

ALTERNATE SYSTEMS

System No.	Tuner/Amp.	Chang-er	Base	Cart-ridge	Speaker Components	Shpg. Wt.	Net
21 A 9801CWXM	340B	A	†	*	2 SK-210 in Elliptoflex Cabinets†	143 lbs.	530.50
21 A 9802CWXM	340B	A	†	*	2 SK-215 15" 3-way Speakers	149 lbs.	505.50
21 A 9803CWXM	340B	A	†	*	2 SK-215 Speakers and 2 Highboy Cabinets††	257 lbs.	590.50
21 A 9804CWXM	340B	A	†	*	2 Decorette II Speaker Systems#	164 lbs.	495.50

* Specify Choice of Pickering U38/AT, Shure M3D, or Empire 880 Stereo Cartridge
 † Specify oil walnut, mahogany, or blonde finish
 †† Specify walnut or mahogany finish # Oil walnut finish only

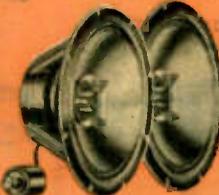
ALTERNATE COMPONENTS



2 Elliptoflex Enclosures



2 SK-270 Decorette II Speaker Systems



2 SK-215 Speakers



2 Lafayette Highboy Enclosures

FREE!

Free with the purchase of any Scott High Fidelity System listed on this page — Automatic 45-RPM Spindle for your record changer, Record Cleaning Kit, stylus pressure gauge, all cables and connectors, and 20 ft. of speaker hook-up cable.



SCOTT 80-WATT STEREO PHONO SYSTEM



Scott 299D

CHOICE OF STEREO CARTRIDGE



U38/AT



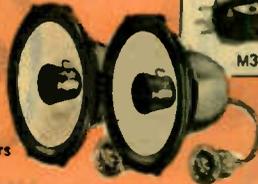
880 EMPIRE



M3D



Garrard AT6 Mark II



2 SK-58 Speakers

The famous Scott 299D 80-watt Stereo Integrated Amplifier is featured in this outstanding stereo hi-fi system. All components have been carefully selected and perfectly matched by Lafayette Audio Specialists.

Scott 299D 80-watt Stereo Integrated Amplifier (less base). Garrard Type AT6/Mark II 4-Speed Record Changer Wood Base for Garrard A/Mark II. Pickering U38/AT Stereo Cartridge* with .7 Mil Diamond 2 World-Famous Lafayette SK-58 12" Coaxial speakers.

21 A 9811 CWXMShpg. wt., 77 lbs..... Net 289.95

LAFAYETTE SYSTEM PRICE WITH FREE ACCESSORIES

289⁹⁵

NO MONEY DOWN

ALTERNATE SYSTEMS

System No.	Scott Amp.	Chang-er	Base	Cart-ridge	Speaker Components	Shpg. Wt.	Net
21 A 9805CWXM	299D	A	†	*	2 SK-58 Speakers	85 lbs.	311.95
21 A 9812CWXM	299D	AT6	†	*	2 SK-58 Speakers in Elliptoflex Cabinets†	121 lbs.	350.50
21 A 9806CWXM	299D	AT6	†	*	2 SK-210 Speakers	85 lbs.	310.95
21 A 9809CWXM	299D	AT6	†	*	2 SK-210 Speakers in Elliptoflex Cabinets†	129 lbs.	370.50
21 A 9813CWXM	299D	A	†	*	2 Decorette II Speaker Systems#	145 lbs.	360.50
21 A 9814CWXM	299D	AT6	†	*	2 Decorette II Speaker Systems#	145 lbs.	340.50

* Choice of Pickering U38/AT or Shure M3D or Empire 880 stereo cartridge
 † Specify oil wal, mahogany, or blonde finish. # Oil walnut finish only.

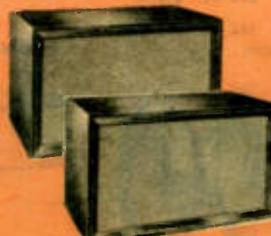
ALTERNATE COMPONENTS



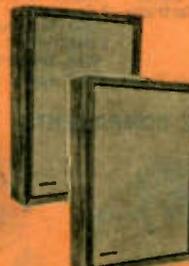
Garrard A/Mark II



2 SK-210 Speakers



2 Elliptoflex Enclosures



2 SK-270 Decorette II Speaker Systems

FREE!

Free with the purchase of any Scott High Fidelity System listed on this page — Automatic 45-RPM Spindle for your record changer, Record Cleaning Kit, stylus pressure gauge, all cables and connectors, and 20 ft. of speaker hook-up cable.



STEREOPHONIC HI FIDELITY SYSTEMS **SCOTT**

SCOTT 50-WATT STEREO PHONO SYSTEM

Selected by Lafayette's audio specialists to provide fine stereo reproduction. All components have been carefully matched. Features Scott's outstanding Model 222D 50-watt Stereo Integrated Amplifier.

Scott 222D 50-Watt Stereo Integrated Amplifier (less case). Garrard AT6/Mark II 4-Speed Record Changer. Wood Base for Garrard AT6/Mark II. Pickering U38/AT Stereo Cartridge* with .7 Mil Diamond. 2 World-Famous Lafayette SK-58 12" Coaxial Hi-Fidelity Speakers.

21 A 9815CWXM..... Shpg. wt., 83 lbs..... Net 250.99

LAFAYETTE SYSTEM PRICE
WITH FREE ACCESSORIES

250⁹⁵
NO MONEY DOWN

ALTERNATE SYSTEMS

System No.	Scott Amp.	Chang-er	Cart-Base ridge	Speaker Components	Shpg. Wt.	Net
21 A 9816CWXM	222D	A	↑	• 2 SK-58 Speakers	83 lbs.	272.95
21 A 9817CWXM	222D	AT6	↑	• 2 SK-58 Speakers in Elliptoflex Encl.†	120 lbs.	310.50
21 A 9818CWXM	222D	A	↑	• 2 SK-58 Speakers in-Elliptoflex Encl.†	120 lbs.	332.50
21 A 9819CWXM	222D	AT6	↑	• 2 Decorette II Speaker Systems#	140 lbs.	301.95
21 A 9820CWXM	222D	A	↑	• 2 Decorette II Speaker Systems#	140 lbs.	323.99
21 A 9821CWXM	222D	AT6	↑	• 2 Slenderette Speaker Systems#	140 lbs.	268.95
21 A 9822CWXM	222D	A	↑	• 2 Slenderette Speaker Systems#	140 lbs.	290.95

* Choice of Pickering U38/AT or Shure M3D or Empire 880 Stereo Cartridge.
† Specify oil walnut mahogany, or blonde finish. # Oil walnut finish.



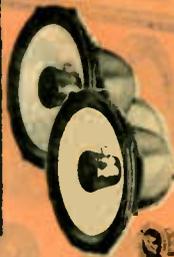
Scott 222D

CHOICE OF STEREO CARTRIDGE

Pickering U38/AT

Empire 880

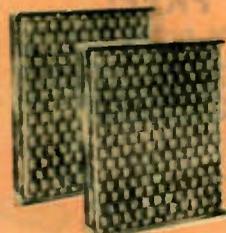
Shure M3D



Garrard AT6/Mark II

2 SK-58 Speakers

ALTERNATE COMPONENTS



2 Slenderette Speaker Systems

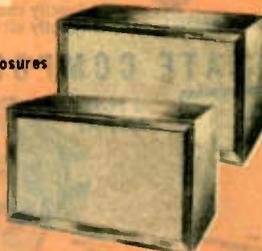


Garrard A/Mark II



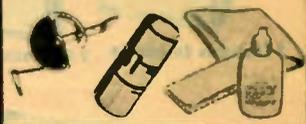
2 Decorette II Speaker Systems

2 Elliptoflex Enclosures



FREE

Free with the purchase of any Scott High Fidelity System listed on this page — Automatic 45-RPM Spindle for your record changer, Record Cleaning Kit, stylus pressure gauge, all cables and connectors, and 20 ft. of speaker hook-up cable.



SCOTT 30-WATT STEREO PHONO SYSTEM

A low cost Scott system featuring the new Scott 200B 30-watt Stereo Integrated Amplifier. All components have been carefully selected and matched by Lafayette's Audio Specialists.

Scott 200B 30-watt Stereo Integrated Amplifier (less case). Garrard AT6/Mark II 4-speed Record Changer. Wood Base for Garrard AT6/Mark II. Pickering U38/AT Stereo Cartridge* with .7 Mil Diamond. 2 World-Famous Lafayette SK-58 12" Coaxial Hi-Fi Speakers.

21 A 9823CWXM..... Shpg. wt., 79 lbs..... Net 218.50

LAFAYETTE SYSTEM PRICE
WITH FREE ACCESSORIES

218⁵⁰
NO MONEY DOWN

ALTERNATE SYSTEMS

System No.	Scott Amp.	Chang-er	Cart-Base ridge	Speaker Components	Shpg. Wt.	Net
21 A 9825CWXM	200B	A	↑	• 2 SK-58 Speakers	79 lbs.	240.95
21 A 9826CWXM	200B	AT6	↑	• 2 SK-58 Speakers in Elliptoflex Cabinets†	116 lbs.	278.95
21 A 9827CWXM	200B	A	↑	• 2 SK-58 Speakers in Elliptoflex Cabinets†	116 lbs.	299.95
21 A 9828CWXM	200B	AT6	↑	• 2 Slenderette II Spkr. Systems#	108 lbs.	224.95
21 A 9829CWXM	200B	A	↑	• 2 Slenderette II Spkr. Systems#	108 lbs.	245.95
21 A 9830CWXM	200B	AT6	↑	• 2 Decorette II Speaker Systems#	136 lbs.	269.95
21 A 9831CWXM	200B	A	↑	• 2 Decorette II Speaker Systems#	136 lbs.	290.95

* Choice of Pickering U38/AT or Shure M3D or Empire 880 Stereo Cartridge.
† Specify oil walnut mahogany, or blonde finish. # Oil walnut finish.

CHOICE OF STEREO CARTRIDGE

Pickering U38/AT

Empire 880

Shure M3D



Scott 200B



2 SK-58 Speakers



Garrard AT6/Mark II

ALTERNATE COMPONENTS



2 Decorette II Speaker Systems



2 Elliptoflex Enclosures



2 Slenderette II Speaker Systems



Garrard A/Mark II

FREE

Free with the purchase of any Scott High Fidelity System listed on this page — Automatic 45-RPM Spindle for your record changer, Record Cleaning Kit, stylus pressure gauge, all cables and connectors, and 20 ft. of speaker hook-up cable.



harman kardon

STEREOPHONIC HI-FIDELITY SYSTEMS

Harman-Kardon 70-Watt AM-FM Stereo Phono System

Here is a deluxe AM-FM Stereo phono system offering dazzling stereo, featuring the new H-K model TA-7000X 70 watt AM-FM Stereo Receiver. All components have been carefully selected and perfectly matched by Lafayette Audio Specialists.



Harman-Kardon TA-7000X



Garrard A/Mark II



2 SK-210 Speakers

CHOICE OF CARTRIDGE



Pickering U38/AT



Shure M3D



Empire 880

LAFAYETTE SYSTEM PRICE
with free accessories

41950

NO MONEY DOWN
only \$22 monthly

H-K TA-7000X 70-Watt AM-FM Stereo Receiver (less case)

Garrard A/Mark II 4-Speed Automatic Record Changer

Wood Base for Changer
Pickering U38/AT Stereo Cartridge* with .7 Mil Diamond

2 Lafayette Stereo SK-210 12" 3-way Speakers with 2 1/4 lb. Magnets

21 A 9832CWXM Shpg. wt. 104 lbs. Net 419.50

ALTERNATE SYSTEMS

System No.	H-K Rec.	Chang-er	Base	Cartridge	Speaker Components	Shpg. Wt.	Net
21 A 9833CWXM	TA7000X	A	†	*	2 SK-210 Speakers in Elliptoflex Enc.†	150 lbs.	479.50
21 A 9834CWXM	TA7000X	A	†	*	2 SK-215 15" 3-way Speakers	124 lbs.	459.50
21 A 9835CWXM	TA7000X	A	†	*	2 SK-215 and 2 Highboy Cabinets††	232 lbs.	542.50
21 A 9836CWXM	TA7000X	A	†	*	2 Decorette II Speaker Systems#	168 lbs.	488.50

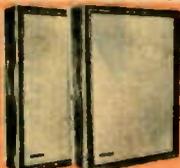
* Specify choice of Pickering U38/AT, Shure M3D, or Empire 880 stereo cartridge

† Specify oil walnut, mahogany, or blonde finish †† Specify walnut or mahogany finish # Oil walnut finish only

ALTERNATE COMPONENTS



2 Elliptoflex Enclosures



2 Decorette II Speaker Systems



2 SK-215 Speakers



2 CAB-19 Highboys

FREE!

Free with the purchase of any H-K HI-FI system on this page—Automatic 45RPM spindle for your record changer, record cleaning Kit, stylus pressure gauge, all cables and connectors, and 20 ft. of speaker hook-up cable.



Harman-Kardon 30-watt FM Stereo Phono System

Here is a superb FM Stereo Phono System for the economy-minded audio enthusiast. Features the famous Harman-Kardon Model FA-3000X 30-watt FM Stereo Receiver. All components have been carefully selected and perfectly matched by Lafayette Audio specialists.



Harman-Kardon FA-3000X



Garrard AT6/Mark II



2 SK-58 Speakers

CHOICE OF CARTRIDGE



Pickering U38/AT



Shure M3D



Empire 880

LAFAYETTE SYSTEM PRICE
WITH FREE ACCESSORIES

28250

NO MONEY DOWN
only \$15 monthly

H-K FA-3000X 30-watt FM Stereo Receiver

Garrard AT6/Mark II 4-Speed Record Changer

Base for Record Changer

Pickering U38/AT Stereo Cartridge* with .7 Mil Diamond

2 World Famous SK-58 12" Coaxial Speakers

21 A 9837CWXM Shpg. wt. 86 lbs. Net 282.50

System No.	H-K Rec.	Chang-er	Base	Cartridge	Speaker Components	Shpg. Wt.	Net
21 A 9839CWXM	FA3000X	A	†	*	2 SK-58 Speakers	86 lbs.	304.50
21 A 9840CWXM	FA3000X	AT-6	†	*	2 SK-58 Speakers in Elliptoflex Enc.†	130 lbs.	342.50
21 A 9842CWXM	FA3000X	A	†	*	2 SK-58 Speakers in Elliptoflex Enc.†	130 lbs.	364.50
21 A 9843CWXM	FA3000X	AT-6	†	*	2 SK-210 Speakers	90 lbs.	303.50
21 A 9844CWXM	FA3000X	AT-6	†	*	2 SK-210 Speakers in Elliptoflex Enc.†	136 lbs.	365.50
21 A 9845CWXM	FA3000X	AT-6	†	*	2 Decorette II Speaker Systems#	150 lbs.	332.50
21 A 9846CWXM	FA3000X	A	†	*	2 Decorette II Speaker Systems#	150 lbs.	354.50

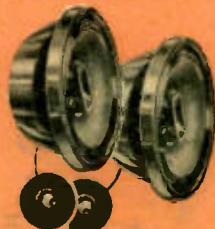
* Specify choice of Pickering U38/AT, Shure M3D, or Empire 880 stereo cartridge

† Specify oil walnut, mahogany, or blonde finish # Oil walnut finish only

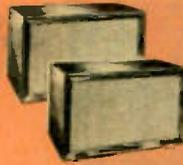
ALTERNATE COMPONENTS



Garrard A/Mark II



2 SK-210 Speakers



2 Elliptoflex Enclosures



2 Decorette II Speaker Systems

FREE!

Free with the purchase of any H-K HI-FI system on this page—Automatic 45RPM spindle for your record changer, record cleaning Kit, stylus pressure gauge, all cables and connectors, and 20 ft. of speaker hook-up cable.



harman kardon

STEREOPHONIC HI-FIDELITY SYSTEMS

Harman-Kardon 70-Watt Stereo Phono System

Selected by Lafayette's audio specialists, this outstanding stereo system offers brilliant sound reproduction. Features the new Harman-Kardon Award Series A-700 70-watt stereo integrated amplifier.

**LAFAYETTE SYSTEM PRICE
WITH FREE ACCESSORIES**

- H-K A-700—70-Watt Integrated Stereo Amplifier (less case)
- Garrard AT-6/Mark II 4-Speed Record Changer Base for Garrard changer
- Pickering U38/AT Stereo Cartridge • with .7 Mil Diamond
- 2 World-Famous Lafayette SK-58 12" Coaxial speakers

249⁵⁰

NO MONEY DOWN
only \$12 monthly

21 A 9847CWXM Shpg. wt., 84 lbs. Net 249.50

ALTERNATE SYSTEMS

System No.	H-K Amp.	Chang-er	Base	Cart-ridge	Speaker Components	Shpg. wt.	Net
21 A 9848CWXM	A700	A	†	• 2 SK-58 Speakers	84 lbs.	271.50	
21 A 9849CWXM	A700	AT6	†	• 2 SK-58 Speakers in Elliptoflex Encl.†	129 lbs.	309.50	
21 A 9850CWXM	A700	A	†	• 2 SK-58 Speakers in Elliptoflex Encl.†	129 lbs.	331.50	
21 A 9880CWXM	A700	AT6	†	• 2 SK-210 Speakers	93 lbs.	272.50	
21 A 9881CWXM	A700	AT6	†	• 2 SK-210 Speakers in Elliptoflex Encl.†	137 lbs.	332.50	
21 A 9882CWXM	A700	AT6	†	• 2 Decorette II Speaker Systems#	141 lbs.	299.50	
21 A 9883CWXM	A700	A	†	• 2 Decorette II Speaker Systems#	141 lbs.	321.50	

* Choice of Pickering U38/AT or Shure M3D or Empire 880 Stereo Cartridge. # Oil walnut finish. † Specify oil walnut, mahogany, or blonde finish.

FREE

Free with the purchase of any Harman-Kardon Hi-Fi system listed on this page—Automatic 45RPM spindle for your record changer, record cleaning kit, stylus pressure gauge, all cable and connectors, and 20 ft. of speaker hook-up cable.



ALTERNATE COMPONENTS

Harman-Kardon 30-watt Stereo Phono System

An ideal stereo phono system for the economy minded audio enthusiast. Features the fine Harman-Kardon Model A-300-30 watt stereo integrated amplifier. All components have been carefully selected and perfectly matched by Lafayette Audio Specialists.

- H-K A-300 30-watt Integrated Stereo Amplifier (less case)
- Garrard AT-6/Mark II 4-Speed Record Changer Wood Base for Changer
- Pickering U38 AT Stereo Cartridge • with .7 Mil Diamond
- 2 World-Famous Lafayette SK-58 12" Coaxial Speakers

**LAFAYETTE SYSTEM PRICE
WITH FREE ACCESSORIES**

187⁵⁰

No Money Down
only \$10 monthly

21 A 9884CWXM Shpg. wt., 75 lbs. Net 187.50

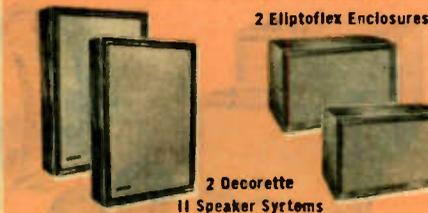
ALTERNATE SYSTEMS

System No.	H-K Amp.	Chang-er	Base	Cart-ridge	Speaker Components	Shpg. wt.	Net
21 A 9885CWXM	A300	A	†	• 2 SK-58 Speakers	75 lbs.	208.50	
21 A 9887CWXM	A300	AT6	†	• 2 SK-58 Speakers in Elliptoflex Encl.†	120 lbs.	245.50	
21 A 9888CWXM	A300	AT6	†	• 2 SK-58 Speakers in Elliptoflex Encl.†	120 lbs.	267.50	
21 A 9889CWXM	A300	AT6	†	• 2 SK-210 Speakers	84 lbs.	208.50	
21 A 9890CWXM	A300	AT6	†	• 2 SK-210 Speakers in Elliptoflex Encl.†	128 lbs.	266.50	
21 A 9891CWXM	A300	AT6	†	• 2 Decorette II Speaker Systems#	132 lbs.	234.50	
21 A 9892CWXM	A300	A	†	• 2 Decorette II Speaker Systems#	132 lbs.	256.50	

* Choice of Pickering U38/AT or Shure M3D or Empire 880 Stereo Cartridge. † Specify oil walnut, mahogany, or blonde finish. # Oil walnut finish.

FREE

Free with the purchase of any Harman-Kardon Hi-Fi system listed on this page—Automatic 45RPM spindle for your record changer, record cleaning kit, stylus pressure gauge, all cable and connectors, and 20 ft. of speaker hook-up cable.



ALTERNATE COMPONENTS



LAFAYETTE 44-WATT MATCHED STEREO PHONO SYSTEMS

With NEW LAFAYETTE LA-200 44-Watt All-Transistor STEREO AMPLIFIER



Lafayette LA-200

CHOICE OF STEREO CARTRIDGE



U38/AT



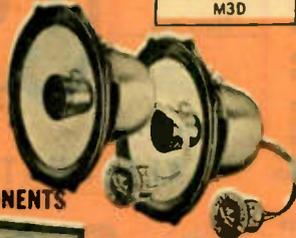
880 EMPIRE



M3D



Garrard Autolim/Mark II on Base



2-SK-58 Speakers

ALTERNATE COMPONENTS



Garrard AT6/Mark II on Base



2-Decorette II Speaker Systems



2-TRIHELIX SK-180 Speakers



2-Eliptoflex Bookshelf Enclosure

MATCHED COMPONENTS

Lafayette LA-200 44-Watt All-Transistor Stereo Amplifier
Garrard Autolim/Mark II 4-Speed Record Changer
Base for Changer (specify finish)
Pickering U38/AT Diamond Needle Cartridge
2-Lafayette SK-58 Free-Edge 12" Coaxial Speakers

LAFAYETTE SYSTEM PRICE

18950

Plus Free Accessories No Money Down

*Be certain to specify your choice of Pickering U38/AT, Shure M3D, or Empire 880 Diamond Needle Stereo Cartridge.

System No.	Amplifier	Garrard Changer	Cart-ridge	Base	Spkr.	Speaker Cabinet	Shpg. Wt.	Net
LS-325CWXM	LA-200	Autolim/Mark II	•	†	2 SK-58		45	189.50
LS-326CWXM	LA-200	AT6/Mark II	•	†	2 SK-58		48	201.50
LS-327CWXM	LA-200	Autolim/Mark II	•	†	2 SK-58	2 Eliptoflex††	93	247.50
LS-328CWXM	LA-200	AT6/Mark II	•	†	2 SK-58	2 Eliptoflex††	96	259.50
LS-329CWXM	LA-200	Autolim/Mark II	•	†	2 SK-180		42	193.90
LS-330CWXM	LA-200	AT6/Mark II	•	†	2 SK-180		45	205.50
LS-331CWXM	LA-200	Autolim/Mark II	•	†	2 SK-180	2 Eliptoflex††	90	251.50
LS-332CWXM	LA-200	AT6/Mark II	•	†	2 SK-180	2 Eliptoflex††	93	263.50
LS-333CWXM	LA-200	Autolim/Mark II	•	†	2 SK-270	Decor-ette II**	71	250.25
LS-334CWXM	LA-200	AT6/Mark II	•	†	2 SK-270	Decor-ette II**	71	262.25

† Oiled Walnut, Mahogany or Blonde. ** Oiled Walnut only.

†† Oiled Walnut, Walnut, Mahogany, or Blonde.

††† Choice of Pickering U38/AT or Shure M3D or Empire 880 Stereo Cartridge

For detailed information on LA-200 see inside back cover. For detailed information on the other components used in the above systems please refer to pages 46, 48, 53.

Bogen 50-WATT STEREO PHONO SYSTEM

A sparkling stereo system featuring one of Bogen's finest amplifiers—Model AP-250-50 watt stereo integrated amplifier. All components have been carefully selected and perfectly matched by Lafayette Audio Specialists.

Bogen AP-250 50-Watt Stereo Integrated Amplifier (less case). Garrard AT6/Mark II 4-Speed Automatic Record Changer. Base for Garrard AT6/Mark II. Pickering U38/AT Stereo Cartridge with .7 Mil Diamond. 2 World Famous Lafayette SK-58 12" Coaxial Speakers.

LAFAYETTE SYSTEM PRICE **22995**

No Money Down

Plus Free Accessories

21 A 9909CWXM Shpg. wt., 78 lbs.

Net 229.95

ALTERNATE SYSTEMS

System No.	Bogen Amp	Chan ger	Cart-ridge	Base	Speaker Components	Shpg. Wt.	Net
21 A 9910CWXM	AP250	A	•	†	2 SK-58 Speakers	78	251.50
21 A 9911CWXM	AP250	AT6	•	†	2 SK-58 Speakers in Eliptoflex Enc†	122	289.95
21 A 9912CWXM	AP250	A	•	†	2 SK-58 Speakers in Eliptoflex Enc†	122	309.95
21 A 9913CWXM	AP250	AT6	•	†	2 SK-210 Speakers	82	252.59
21 A 9914CWXM	AP250	AT6	•	†	2 SK-210 Speakers in Eliptoflex Enc†	128	310.50
21 A 9915CWXM	AP250	AT6	•	†	2 Decorette II Speaker Systems#	136	279.50
21 A 9916CWXM	AP250	A	•	†	2 Decorette II Speaker Systems#	136	299.50

† Specify oil walnut, mahogany, or blonde. # Oil walnut finish only.

* Choice of Pickering U38/AT or Shure M3D or Empire 880 Stereo Cartridge

CHOICE OF STEREO CARTRIDGE



U38/AT



880 EMPIRE



M3D



Bogen AP-250



Garrard AT6/Mark II on Base



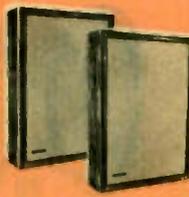
2-SK-58 Speakers

FREE

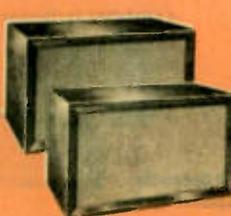
Free with the purchase of any Bogen HI-Fidelity system listed on this page—Automatic 45RPM spindle for your record changer, record cleaning Kit, stylus pressure gauge, all cable and connectors, and 20 ft. of speaker hook-up cable.



ALTERNATE COMPONENTS



2-Decorette II Speaker Systems



2 Eliptoflex Enclosures



2-SK-210 Speakers



Garrard A/Mark II on Base

THE NEW LAFAYETTE "SLENDERETTE III" SPEAKER SYSTEM



FINISHED ON ALL 4 SIDES

A Superb 2-SPEAKER 2-Way System

EXTRAORDINARY QUALITY AT LAFAYETTE'S UNBELIEVABLE LOW, LOW, PRICE

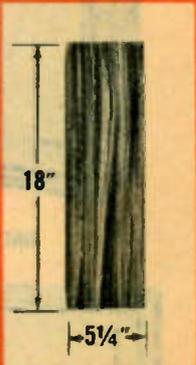
19⁵⁰ 2 FOR 38⁵⁰

NO MONEY DOWN

- Ideal Choice for Floor, Shelf or Wall Mounting • Outstanding Performance Low-Cost Speaker System for Stereophonic or Monophonic Systems • Excellent Quality Extension Speaker • Improves Fidelity of Phonographs, TV Sets, AM and FM Radios • Room-Filling Music Everywhere In Your Home • Fine Speaker Performance Offering Rich Clear Sound

The new Lafayette Slenderette III is the ideal choice as a floor, shelf, or wall type speaker system for low cost stereo or monophonic systems, and for top quality extension speaker use. Can be used for improving fidelity of existing TV sets, AM and FM radios, tape recorders, and phonographs. Enjoy smooth, wide-range sound in every room of your house. The slim styling enhances the decor of your room. Contains a special 6½" high compliance woofer and a matched 2½" cone tweeter with crossover network. Offers fine speaker performance—clear natural bass, full midrange reproduction, and wide-dispersion of high frequencies. The speakers are mounted in a superbly constructed and finished oil walnut cabinet. Oil walnut finish is on all four sides. Measures 12x18 inches with a depth of 5¼ inches. Freq. response — 50-10,000 cps. Impedance 8 ohms. Shpg. wt., 15 lbs. Imported

Net 19.50
2 for 38.50



THE NEW, SELECT "SLENDERETTE II" 3-SPEAKER 3-WAY SYSTEM

featuring JENSEN SPEAKERS and UNIVERSAL WOODCRAFTERS CABINET

- 3-Speaker 3-Way System • New Jensen 8" High Compliance Woofer, Jensen 6" Mid-Range Driver & Jensen 3" Tweeter • For Shelf, Floor or Wall • Low, Low, Lafayette Price • Beautiful Styled Cabinet Finished on all 4 Sides in Finest Genuine Walnut Veneer With Cane Grille & White Enamel Border

Superb Quality! Fantastic Value!

Only 29⁹⁵

No Money Down!

The new "Slenderette II" is an incomparable value offering superb styling and rich, deep sound. Incorporates the latest advanced acoustic design at Lafayette's low, low, price. Contains a 3-speaker 3-way system engineered by Jensen with newly developed Jensen components. Utilizes a new Jensen 8" high compliance woofer with rubber suspension for extra wide excursion, a Jensen six-inch midrange driver in rubber suspension, and a special Jensen 3-inch tweeter. Woofer electric crossover at 400 cycles, mid-range electric crossover at 2000 cycles. Response 50 to 15,000 cycles. Power capacity: 18 watts continuously, 36 watts peak. Superbly styled cabinet finished on all 4 sides in finest genuine walnut veneer with protruding cane grille & white enamel border. Ideal for shelf, floor, or wall mounting. Includes wall bracket. Impedance 8 ohms. 21¼Wx14¼Hx4¼"D. Shpg. wt., 22 lbs. SK-236WX

Net 29.95



ONLY 4 1/4" DEEP

LAFAYETTE "decor-ette II" SUPERB SLIM SPEAKER SYSTEM



ONLY 4 3/4" IN WIDTH

decor-ette II
FOR VERTICAL
FLOOR MOUNTING

ONLY
59⁹⁵
NO MONEY DOWN



decor-ette II
FOR HORIZONTAL
MOUNTING ON BOOKSHELVES

• Now Lafayette Offers The Most Advanced Design and Styling for Superlative Sound in Slim Speaker Systems at Lafayette's Low Sensational price • 5-Speaker 3-Way System Custom Built in England to Lafayette's Rigid Specifications • 2-8" Woofers with 1/2 lb. Magnets and Rigidflex Floating Piston Hyperbolic Cones, 1-6" Open Back Mid-Range Driver, 1-Dome Lens Compression Horn Tweeter, 1-3 1/2" Cone-Type Tweeter • Never Before Such Speaker Value in the Concept of Slimline Sound • Custom Assembled in a Genuine Hand-Rubbed Oiled Walnut Veneer Cabinet, of Extra Heavy 3/4" Stock • Frequency Response, 40-20,000 cps • Power Handling Capacity, Continuous 30 Watts; Instantaneous Peak Load Power, 60 Watts • Impedance 8 Ohms

• 5 Speakers !

- 2-8" Woofers with 1/2 lb. Magnets
- 1-6" Open Back Midrange Driver
- 1-3 1/2" Dome Lens Compression Horn Tweeter
- 1-3 1/2" Cone-Type Tweeter

• Truly Magnificent Sound From a Thin Line Speaker!

The "decor-ette II" now makes it possible to get a truly magnificent sound from a slim-type speaker cabinet. Lafayette has had the finest British audio engineers design and construct the "decor-ette II" slim-type speaker system to our rigid specifications. The results achieved are of unequalled brilliance with outstanding speaker performance at such a sensationally low Lafayette price. The genuine hand-rubbed oiled walnut veneer cabinet has been designed and styled for either vertical or horizontal placement. A real space-saver, it is slim in appearance and can be placed on a bookshelf, mounted on the floor, used as a room divider or hung on the wall. The beauty of your present room will be enriched by this outstanding system in its decorator styled enclosure with smart ebony black and gold picture frame molding. The "decor-ette II" is a 5-speaker 3-way system utilizing the latest advanced acoustic designs. Two 8" woofers with 1/2 lb. magnets incorporate a "Rigidflex" Floating Piston Hyperbolic Cone resulting in a free floating cone rim and a completely rigid cone center to provide maximum distortionless bass from 500 cycles down to 40 cycles. The specially designed 6" mid-range open back driver provides uniform response from 500 to 7500 cycles. The 3 1/2" cone-type tweeter gives wide dispersion of the mid-highs smoothly from 1000 to 10,000 cycles. The dome lens type compression tweeter response is from 5000 to 35,000 cycles. Omni-directional, this tweeter gives 360° sound dispersion to add overall brilliance to the system. RC electrical crossover frequency is 5000 cps. Overall frequency response, 40-20,000 cps. Power handling capacity, continuous 30 watts; instantaneous peak load power, 60 watts. Impedance, 8 ohms. Size: 25Hx17Lx4 3/4"W. Supplied with 4 1/2" round walnut decorator legs which can be mounted on the cabinet for either vertical or horizontal placement. Shpg. wt., 24 lbs

SK-270WX Oiled Walnut Finish Net 59.95

SENSATIONAL "SLENDERETTE" SPEAKER SYSTEM

JENSEN SPEAKERS and UNIVERSAL WOODCRAFTERS CABINET

- 5-Speaker 3-Way System • 2 Jensen 6" Woofers 1 Jensen 8" Midrange Driver, 2 Jensen 3 1/2" Tweeters
- Low Lafayette Price
- Superb Custom Styling
- Oil Walnut Finish
- 7-Ply with Genuine Walnut Veneer

ONLY **39⁹⁵** each

A new concept in the design of speaker systems enables you to place each system in almost any desired location of your choice—floor, wall, or top of bookshelf. A hermetically sealed cabinet, by Universal Woodcrafters, measuring only 5" deep, 24" in height, and 20" in length, represents an outstanding achievement in speaker system development. A beautifully styled grill harmonizes with all home interiors. Provides unbelievably fine speaker performance at a low, low Lafayette price. Contains a carefully integrated pneumatically dampened 5-speaker 3-way system engineered by Jensen with specially developed Jensen speaker components. Contains 2 special 6" woofer driver elements; one 8" midrange driver enclosed in its own sealed acoustic surroundings, completely separated from the woofer cavity, and 2 3 1/2" fully enclosed tweeters. Woofer has an electric crossover at 400 cps. Midrange crossover at 2,000 cps. Frequency response 50-15,000 cps. 20 watt capacity. Impedance 8 ohms. Comes equipped with hangers for wall mounting. Oil walnut finish. Shpg. wt., 24 lbs.

SK-235WX Oil Walnut finish Net 39.95



JUST
5"
IN
WIDTH

FOR BUDGET TERMS SEE PAGE 412

LAFAYETTE REVERBERATION AMPLIFIER and SPEAKER SYSTEM

Creates Realism of Concert Hall Sound!



- Ideal for Stereo or Mono Systems
- Does Not Affect Fidelity
- Self-Contained Amplifier/Speaker System with Built-in Power Supply

39⁵⁰
NO MONEY DDWN

Here is a compact version of our popular SK-250. It is a self-contained reverberation amplifier/speaker system that works with your existing component Hi-Fi system, AM or FM radio, tape recorder to bring the realism of concert hall sound to your listening area. Part of the original signal is taken from a speaker system and fed through a carefully tuned coil spring delay system. Delay time is 28 m/s. 3-tube amplifier delivers 2½ watts to a 6½" PM speaker. Inputs provided are stereo/mono high level and stereo/mono low level. Front mounted control is push-pull on-off/volume. For 110-117 volts, 50-60 cps AC. Oiled walnut cabinet measures 11½"Wx 7¾"Hx5¾"D. Shpg. wt., 7 lbs.
SK-256 Imported

Net 39.50

LAFAYETTE ADD-ON REVERBERATION SYSTEM

Works with Phono, TV, Radio, Tape Recorder

- Excellent for Mono or Stereo Systems
- Adds a Delightful Dimension to Sound Without Affecting Fidelity
- Completely Self-Contained System with Amplifier and Speaker



59⁵⁰
NO MONEY DOWN

A FINE REVERB SYSTEM AT A LOW PRICE

A self-contained reverberation amplifier/speaker system with built-in power supply, that hooks into any existing stereophonic or monaural component sound system, FM or AM radio, TV set, tape recorder or electric organ. Takes part of the original signal from a speaker system and feeds this signal through a carefully tuned coil spring delay system which delays the sound for 1/30th of second. This delayed sound blends with the original sound to add acoustic dimension to your listening area. Controls: 3-position selector switch for reverb, stereo center channel, crystal phono functions plus push-pull on-off/volume. Output power is 3 watts into an 8" PM speaker. Inputs: stereo high level, stereo low level, mono crystal phono. For 110-117 volts, 50-60 cps AC. Oiled walnut finished cabinet measures 21½"Wx11½"Hx8¾"D. Shpg. wt., 23 lbs. Imported.
SK-250WX

Net 59.50

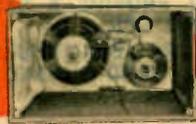
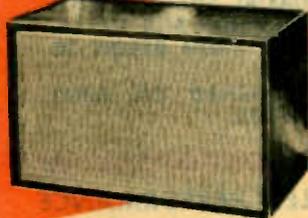
SENSATIONAL SPEAKER SYSTEM

JENSEN speakers

+ UNIVERSAL WOODCRAFTERS Cabinet

+ LAFAYETTE Low Price =

THE SPEAKER SYSTEM BUY OF THE YEAR



- Heavy 7-Ply Furniture Veneer Cabinets
- Fiberglass-loaded Cabinet for Better Bass Response
- Jensen 12" Woofer, 8" Midrange Driver, 3½" Enclosed Tweeter

38⁹⁵
NO MONEY DOWN

Now you can get top speaker performance at a low, low Lafayette price. The Uni-Voice hi-fi speaker system is a thrilling blend of fully integrated, unified 3-speaker systems engineered by Jensen with specially developed Jensen components, with cabinetry by Universal Woodcrafters. Contains special 12" woofer, 8" midrange driver independently pneumatically damped in its own hermetically enclosed acoustic surroundings, completely separated from woofer cavity; 3½" fully enclosed, independently baffled tweeter. Woofer electric crossover at 600 cycles, midrange electric crossover at 2000 cycles. Impedance 8 ohms. Response: 35-18,000 cycles. MODEL UV-30. Bookshelf enclosure finished on 4 sides. Speaker grille completely framed with brass inlay. 24Wx14¼"Hx13"D. Shpg. wt., 32 lbs.
SK-185WX Walnut finish

Net 38.95

LAFAYETTE MINIATURE HI-FI SPEAKER & ENCLOSURE

- ATTRACTIVE MAHOGANY FINISHED WOOD CABINET
- COMPLETE WITH 25 FEET OF CABLE



6⁹⁵

Enjoy music everywhere in your home with this amazing Lafayette miniature speaker system. Perfect as an extension speaker for your den, basement, kitchen or bedroom. Use two as extension speaker units for stereo or with your TV and Radio. Housed in a beautiful mahogany-finished wood cabinet with ventilated back cover, the 5-watt 4x6" speaker is designed to work from either 4 or 8 ohm outputs. System is supplied with 25 feet of cable which should meet any hook up requirement. Over-all size: 9½"Wx7¾"H (inc. feet) x 3¼"D. Shpg. wt., 5 lbs. Imported.
SK-109 Miniature Speaker System

Net 6.95

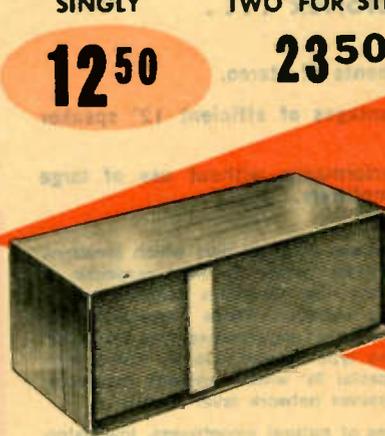
LAFAYETTE "MINUETTE"® HIGH-FIDELITY SPEAKER SYSTEM

SINGLY

TWO FOR STEREO

12⁵⁰

23⁵⁰



Room Filling Music Everywhere in Your Home!

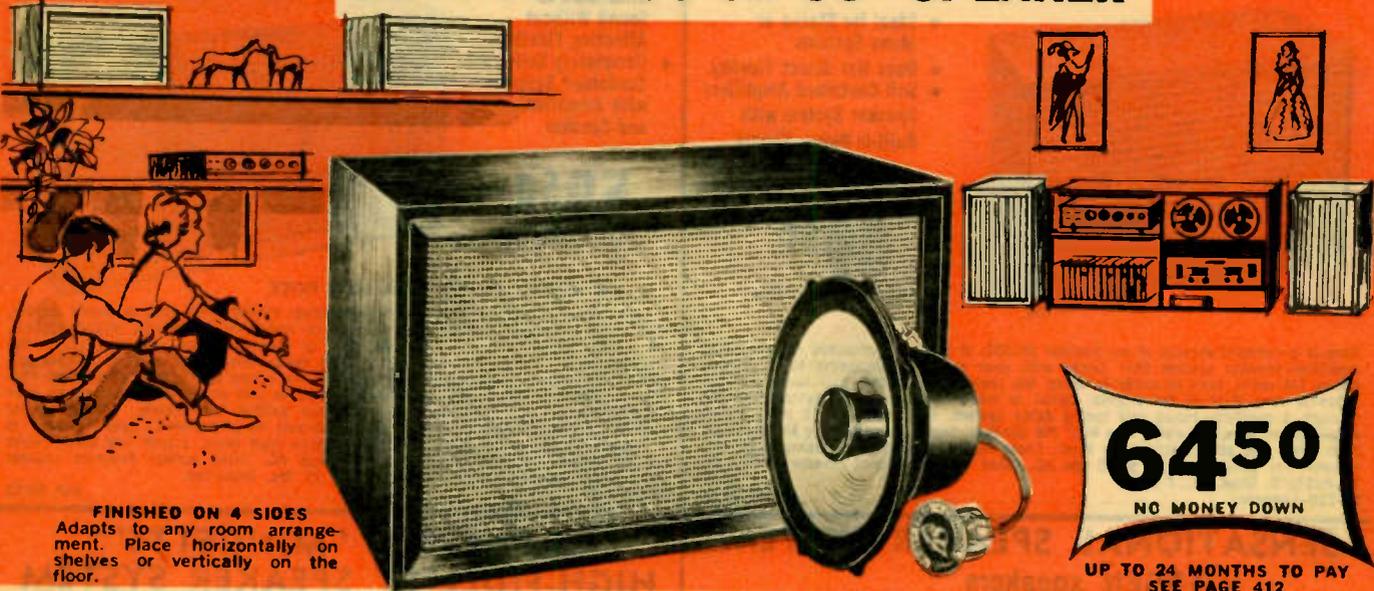
- Shelf Size — 8¼Dx15¾Lx5¾"H
- Use Two For Stereo—Perfect For the Small Apartment or Listening Area
- Genuine Walnut Finish on 4 Sides
- Complete with 6' Extension Cable and Phone Plug

An exceptional speaker value... the Lafayette "Minuette" Hi-Fi Speaker System will bring music to any room in your home—and for a remarkably low cost. Designed for use where space is at a premium—ideal for the small apartment or listening area. Expand your stereo system to other areas of your home... easily used in the den, kitchen, patio or bedroom. Employs a specially designed 5x7" speaker in a rear loaded reflex type enclosure. Provides an exceptionally fine musical quality yet measures only 8¼Dx15¾Hx5¾"—small enough to fit anywhere. Superb Walnut finish on 4 sides allows placing speaker horizontally or vertically. Frequency Response 100-12,000 cps. Impedance 8 ohms. Rated at 10 watts. Supplied with 6 ft. of extension cable and phone plug. Shpg. wt., 5½ lbs. Imported.

SK-181 Net 12.50
Set of two for stereo. Shpg. wt., 11 lbs. Net 23.50
SK-251 Oiled Walnut Net 13.95
Set of two for stereo Net 26.50

LAFAYETTE POPULAR ELIPTOFLEX® ENCLOSURE

PLUS FAMOUS SK-58® SPEAKER



FINISHED ON 4 SIDES
Adapts to any room arrangement. Place horizontally on shelves or vertically on the floor.

The "Eliptoflex" . . .

- 1 Meets space requirements of stereo.
- 2 Utilizes the full advantages of efficient 12" speaker performance.
- 3 Provides optimum performance without use of large wattage, expensive amplifiers.

The "Eliptoflex" utilizes a unique elliptical port which broadens frequency response and provides better transient response. A specially engineered diffracting ring eliminates cancellation effects between front and rear radiation. These engineering advances are coupled with the famous Lafayette free-edge SK-58 12" coaxial speaker with 3" cone type tweeter, 1 1/4 lb. TSK-5 high flux density magnet and special 3/4" wide sheepskin cone-edge suspension and built-in crossover network level control.

"Eliptoflex" achieves a degree of natural smoothness, low-distortion and rich robust bass hitherto found only in large enclosure speaker systems or inefficient bookshelf speakers requiring high powered amplifiers. Due to its highly efficient design characteristics the "Eliptoflex" does not require costly high wattage amplification.

The "Eliptoflex" speaker system is beautifully finished on 4 sides in a variety of hardwood veneers for attractive room placement either horizontally or vertically. Dimensions are 14Hx23 3/4 Wx 13 3/4 D. Shpg. wt., 35 lbs.

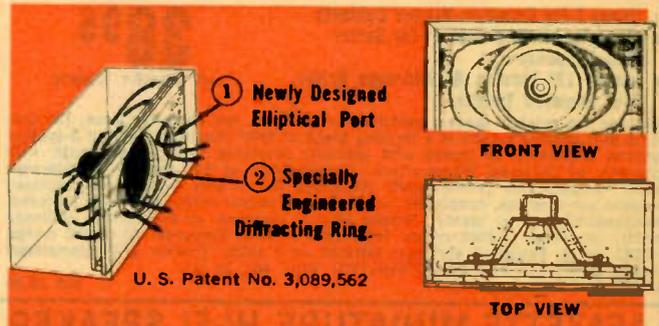
SY-381WX "Eliptoflex" Speaker System Mahogany	Net 64.50
SY-382WX "Eliptoflex" Speaker System Walnut	Net 64.50
SY-383WX "Eliptoflex" Speaker System Blonde	Net 64.50
SY-384WX "Eliptoflex" Speaker System Oiled Walnut	Net 64.50
SY-392WX "Eliptoflex" Speaker System Unfinished furniture grade birch	Net 59.50

ELIPTOFLEX ENCLOSURE LESS SPEAKER—FINISHED ON 4 SIDES

CAB- 83WX "Eliptoflex" Enclosure—Mahogany	Net 36.50
CAB 84WX "Eliptoflex" Enclosure—Walnut	Net 36.50
CAB- 85WX "Eliptoflex" Enclosure—Blonde	Net 36.50
CAB- 86WX "Eliptoflex" Enclosure—Oiled Walnut	Net 36.50
CAB-124WX "Eliptoflex" Enclosure—Unfinished Birch	Net 29.50

- NOW IT IS POSSIBLE TO HAVE THE ADVANTAGES OF A HIGH EFFICIENCY 12" SPEAKER IN A BOOKSHELF ENCLOSURE.
- SPECIALLY DESIGNED 12" COAXIAL SPEAKER WITH SHEEPSKIN CONE EDGE SUSPENSION AND 1 1/4 LB. MAGNET PROVIDE A RESPONSE FROM BELOW 30 TO 15,000 CPS.
- ENCLOSURE BEAUTIFULLY FINISHED ON FOUR SIDES IN HAND RUBBED VENEERS.

PHENOMENAL ELIPTOFLEX PERFORMANCE



U. S. Patent No. 3,089,562

PERFORMANCE EXPLANATION

The loudspeaker is mounted on a baffle recessed in the cabinet shell with the front-plate extending partially across the front surface of the baffle forming ducts or tubes from the port openings to the outside air. The elliptical cutout changes the effective length of the duct across its area. This variation in path lengths provide an extremely smooth transition from duct to free air; broadens the frequency response and provide better transient response. A triangular shaped diffracting ring mounted on the front of the baffle board virtually eliminates undesirable cancellation effects normally produced by close coupling of front and rear cone radiation. This results in a "lens" effect, changing relative particle velocities and consequently, phase relationships so as to produce a smooth transition from front to rear radiation. Comparative laboratory and listening tests indicate that "Eliptoflex" performance is demonstratively superior throughout the audio spectrum.

U. S. Patent No. 3,089,562

LAFAYETTE SK-58 12" COAXIAL SPEAKER

WIDELY ACCLAIMED!

SUPERB PERFORMANCE GUARANTEED
— OR YOUR MONEY BACK!**

THE ORIGINAL, EXCLUSIVE LAFAYETTE SK-58®

- RESPONSE 30-15,000 CPS
- SHEEPSKIN "FREE EDGE" CONE MOUNTING
- 1¼ LB MAGNET WEIGHT
- 3" COAXIALLY MOUNTED TWEETER
- BUILT-IN LC NETWORK
- RATED AT 20 WATTS CONTINUOUS POWER

29⁵⁰

NO MONEY DOWN
EASY PAY PLAN SEE PAGE 412



Lafayette's exclusive 12" coaxial is a precision-made high fidelity loudspeaker, acclaimed by music lovers, hi-fi enthusiasts and professional experts alike as an outstanding performance-value. It provides a truly faithful reproduction of sound without any "coloration" or distortion, its excellence being responsible for its use in innumerable high fidelity music systems today. The SK-58 incorporates such features as heavy, high flux density TSK-5 magnets for high efficiency; ¾" wide sheepskin cone-edge suspension and special composition fibre cone material, specially treated for ultra-linear, distortion-free response; heavy rugged cast metal frame for freedom from resonances and for greater rigidity. The coaxially-

mounted 3" cone-type tweeter has a bell shaped mounting for maximum dispersion of high frequencies with no back radiation. With the built-in 3000 cps crossover network it contributes its share to the smooth delivery of the overall wide range response of 30-15,000 cps. Woofer resonance in free air is 40 cps. Speaker power handling capacity is 20 watts continuous sine wave, 35 watts peak program material. Impedance of the voice coil is 8 ohms, connections being made to chrome-plated screw terminals. Finished in gray-brown opalescent enamel, the speaker is supplied complete with "brilliance" level control. Shpg. wt., 11 lbs. SK-58W 12" COAXIAL SPEAKER Imported Net 29.50

* FOR DETAILS OF GUARANTEE SEE PAGE 414

LAFAYETTE 8" DUO-CONE HI-FI SPEAKER SK-98®



- MECHANICAL 2-WAY DESIGN
- OVERALL RESPONSE 40-16,000 CPS.
- LARGE MAGNET STRUCTURE
- PATENTED CONE CONSTRUCTION AND MATERIAL
- HIGH EXCURSION WOOFER

9.95

The dual-cone construction used in these high quality 8" speakers, provides the same type of wide-range response normally found only in true coaxial speakers or multiple speaker systems. Two separate cones act through a common voice coil. The outer edge of the tweeter cone is attached to the mid-section of the woofer cone; both cones "float" on flexible corrugated edges. This mounting results in true mechanical crossover, so that both cones operate at low frequencies, but only the tweeter cone operates at high frequencies. This gives improved high frequency directional characteristics and minimum distortion. Patented cone materials provide extremely smooth response over the range of 40-16,000 cps. Magnets are large and heavy, with a flux density of 10,500 gauss and total flux of 56,000 maxwells. Terminals are screw-type for solderless connections. Sensitivity is 99.5 db/watt; free air resonance is 55-70cps; voice coil impedance is 8 ohms. Size is 8" diam., 4¼" deep and requires 6¾" diam. baffle opening. Shpg. wt., 5½ lbs. Imported SK-98 8" 2-WAY SPEAKER Net 9.95
2 FOR STEREO Net 18.95

LAFAYETTE 6½" COAXIAL HI-FI SPEAKER SK-97®

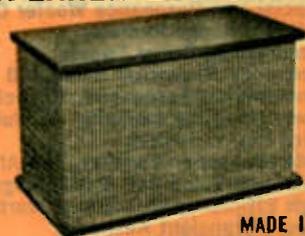


- OVERALL RE-SPONSE 50-16,000 CPS.
- SPACE SAVING & ECONOMICAL FOR STEREO
- BUILT-IN LC NETWORK
- LARGE, HEAVY MAGNETS

6.95

An excellent speaker with all the best features of coaxial design, the SK-97 will provide the finest sound reproduction available from a speaker of this size. It is especially recommended where space and/or cost are factors. The 6½" woofer is equipped with large, heavy magnet for maximum efficiency and low distortion. The 2" tweeter is a separate speaker coaxially mounted in a housing which completely seals off back radiation; a mesh dispersion screen provides smooth, wide-angle high frequency propagation. When properly enclosed, the response of this low cost hi-fi speaker is genuinely impressive. Its small size makes it perfect for use in a wide variety of small enclosures—ideal for use in pairs for stereo music systems of up to 8-10 watts. Frequency range, 50-16,000 cps. Woofer free-air resonance, 70 cps. Voice coil impedance, 8 ohms. Built-in electrical crossover network. Color-coded screw-type terminals. Requires 5½" diam. cutout. Size is 6½" diam., 3¾" deep. Shpg. wt., 3½ lbs. Imported SK-97 6½" COAXIAL SPEAKER Net 6.95
2 FOR STEREO Net 12.95

LAFAYETTE DUCTED PORT BASS REFLEX SPEAKER ENCLOSURE

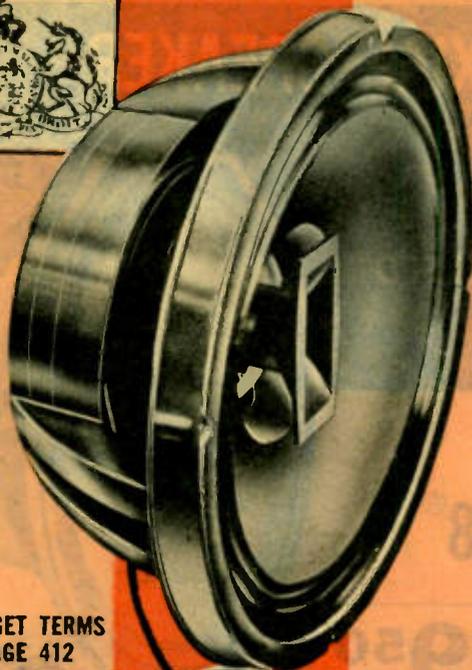


MADE IN U.S.A.

14.50

- ACCOMMODATES EITHER AN 8" OR 6" SPEAKER
- DUCTED PORT DESIGN FOR EXTENDED BASS RESPONSE
- ATTRACTIVE CANE GRILLE
- EXCELLENT FOR STEREO

An acoustically engineered loudspeaker enclosure designed to provide full wide-range response when used with any 8" or 6" wide range or coaxial hi-fi speaker. Incorporates a special long duct over the usual bass-reflex port for performance equal to many enclosures of much greater size. Only 11½" high, 18" wide and 9" deep—perfect for bookshelf, table top or other limited-space applications. Made of hardwood veneers throughout, hand-rubbed to a high finish, and lined with heavy acoustical padding. Attractive, decorative rattan cane grille. Available in Blonde Mahogany, Mahogany or Walnut finishes. (Please specify your choice.) Shpg. wt., 15 lbs. Made in U.S.A. CAB-29W Net 14.50



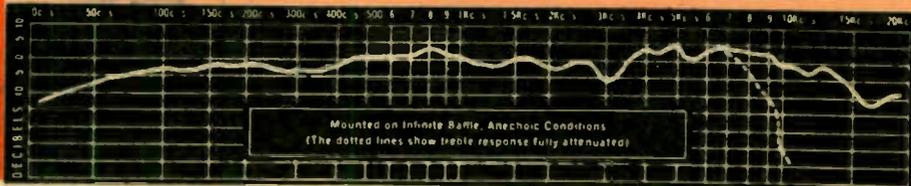
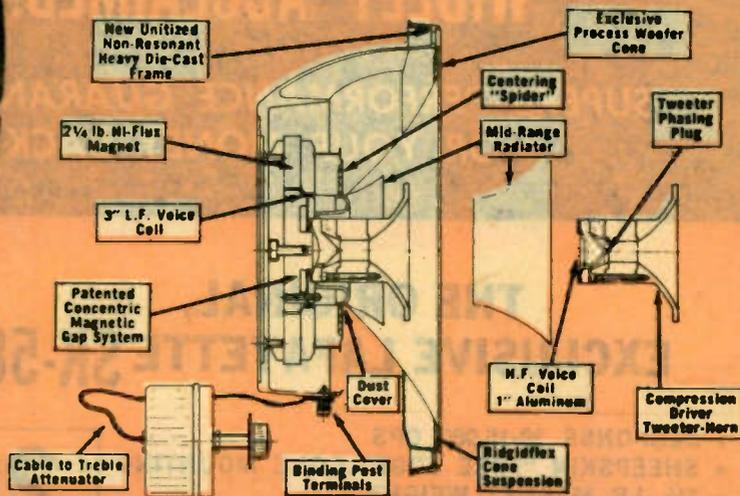
The LAFAYETTE SOVEREIGN 12

Model SK-210 3-Way High Performance HI-FI Speaker

FOR BUDGET TERMS
SEE PAGE 412

42⁵⁰

NO MONEY DOWN



Custom-Built in England to Lafayette's Rigid Specifications

- 2 1/4 lb. Ceramic Magnet
- "Rigidflex" Free-Edge Cone Suspension—No Standing Waves Or Surround Resonances
- 3-Way Axial Design Provides Unequaled Smooth Low, Mid & High Frequency Coverage
- Special Low-Resonance Woofer Cone, Stiff Mid-Range Radiator
- Compression-Driver Tweeter
- Frequency Response: 30-20,000 C.P.S.
- Fundamental Resonance: 35 Cycles
- Power Handling Capacity: 30 Watts
- Voice Coil: 3 Inches
- Wide Dispersion Tweeter, Self Aligning Aluminum Voice Coil & Diaphragm
- High Efficiency With Low Distortion
- Superb Transient Response
- Impedance: 16 ohms
- Unitized Die-Cast Frame

ONE OF LAFAYETTE'S FINEST 12" SPEAKERS

Constructed by master English craftsmen to Lafayette's rigid specifications, the "Lafayette SK-210 Sovereign 12" must be considered among the very finest 12" speakers available. Engineered to satisfy the most discriminating listener, the SK-210 achieves full 3 speaker performance through its advanced triaxial design. Woofer, midrange radiator and tweeter are all axially mounted within a single rigid, unitized die cast frame, to provide an integrated, efficient wide range speaker system. Construction features incorporate a 3 inch voice coil with an exclusive "Rigidflex" cone-bonding and cone-edge treatment process to form a virtually free-edged cone suspension. All irregularities of the audible frequency spectrum are smoothed out with standing waves and surround resonances eliminated. High efficiency and low distortion are further assured by use of a specially designed 2 1/4 lb. ceramic magnet.

The quality of the Sovereign is immediately evident in its uncompromising performance. Frequency response is 30-20,000 cps with a free-air woofer cone resonance of 35 cps. Bass response is tight and solid without boom or hangover to achieve a phenomenal realism. At 2000 cps, frequencies are channeled into a stiff-coned midfrequency radiator by means of a smooth mechanical crossover. High frequencies are reproduced with a silkiness and naturalness to beyond the limits of human hearing by means of a compression driver tweeter. This superb new tweeter incorporates a rigid, die-cast, flared, hyperelliptical horn, a 1" diameter aluminum voice coil and diaphragm in a self-aligning assembly with air chamber and phase equalizer. A built in crossover allows the tweeter to take over at 5,000 cps and is provided with a high-frequency L-pad level control with attractive escutcheon and knob. Shpg. wt., 15 lbs.

SK-210W

Net 42.50

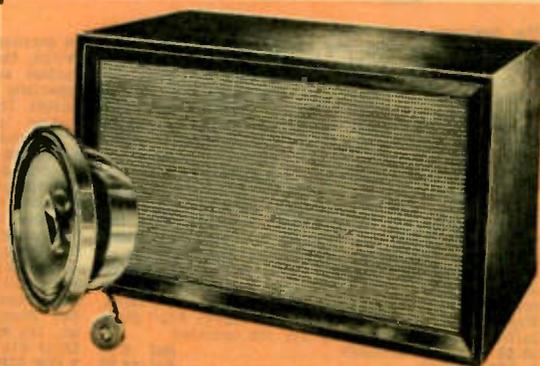
FAMOUS LAFAYETTE ELIPTOFLEX ENCLOSURE AND SK-210 SOVEREIGN 12" 3-WAY SPEAKER WITH 2 1/4 LB. MAGNET

PERFORMANCE MATCHED—Lafayette's famous Ellptoflex bookshelf enclosure matched with the exceptional SK-210 Sovereign 12" 3-way speaker. Finished on four sides in your choice of decorator finishes. Size: 14Hx23 1/2Wx13 1/4D. Shpg. wt., 39 lbs.

SY-405WX	SK-210 & Ellptoflex in Mahogany	Net 74.50
SY-406WX	SK-210 & Ellptoflex in Walnut	Net 74.50
SY-407WX	SK-210 & Ellptoflex in Blonde	Net 74.50
SY-408WX	SK-210 & Ellptoflex in Oiled Walnut	Net 74.50
SY-409WX	SK-210 & Ellptoflex in Unfinished furniture grade birch	Net 67.50

74⁵⁰

NO MONEY DOWN

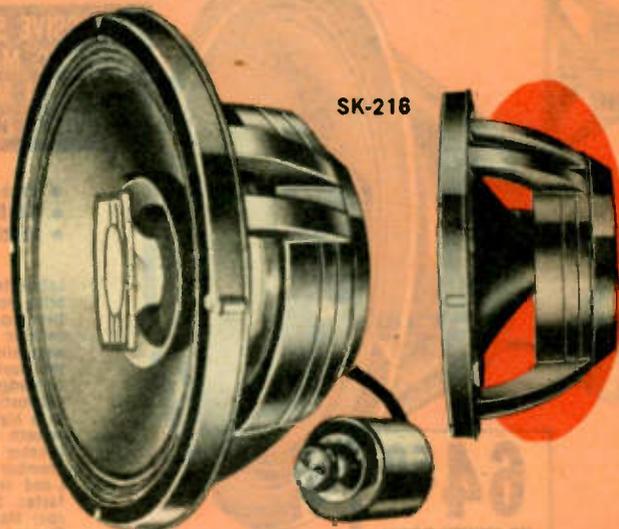


LAFAYETTE 3 WAY 12" HIGH-FIDELITY SPEAKER SK-216

**Custom Built in England
To Lafayette's Rigid Specifications**

- Massive 5 lb. Ceramic Magnet • Free-Edged Cone Suspension • 3-inch Long Main Voice Coil • 12 DB/Octave Crossover Network with High Frequency Level Control • Precision Pressure-Driven Horn-Loaded Tweeter with Aluminum Diaphragm & Coll.

Pride of British craftsmanship, coupled with Lafayette's rigid engineering specifications brings you a loudspeaker which incorporates features usually found only in much higher-priced units. The SK-216 features an exclusive patented concentric twin-gap magnetic system with a massive 5 lb. super efficient double duty cylindrical ceramic magnet. The three elements—woofer, mid-range radiator, compression tweeter—are axially mounted to achieve unparalleled, smooth wide-range speaker performance. The woofer section has a cone resonance of 35 cps, is vacuum constructed by an exclusive process, and features a plastic terminated, free-edge cone suspension completely eliminating standing waves and surround resonances. At 5000 cps, a 12 db per octave LC crossover network provides smooth transition from mid-range to a precision pressure-driven horn-loaded tweeter which employs an aluminum coil and diaphragm in a self-aligning assembly with air chamber and phase equalizer. This crossover is provided with a high frequency constant impedance L-pad level control for matching of sound to room acoustics and individual listening tastes. SPECIFICATIONS: Cone Resonance, 35 cps; Overall Frequency Response, 20-20,000 cps; Magnet Weight, 5 lbs.; Magnetic Flux Density, over 250,000 Maxwells; Crossover, automatic mechanical at 2000 cps —12 db/octave LC at 5000 cps; Power Capacity, 50 watts; Woofer Voice Coil Diameter, 3 inches; Tweeter Voice Coil Diameter, 1 inch; Impedance, 16 ohms. Dimensions: 5½" overall depth; 12¼" diameter. SK-216WX Shpg. wt., 25 lbs. Net 54.50



54.50

BUY ON TIME, SEE PAGE 412

NO MONEY DOWN

SK-216

FEATURES

- MASSIVE 5 lb. CERAMIC MAGNET**
- 3-INCH MAIN VOICE COIL**

***1 Year Service Guarantee**

*Repairs which become necessary due to manufacturing defects will be made by Lafayette at no charge during the Guarantee period. SEE PAGE 414

MONEY BACK GUARANTEE

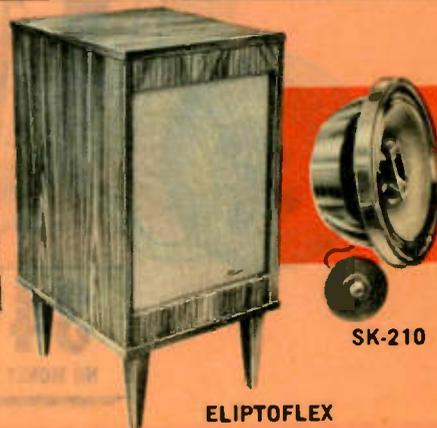
YOU BE THE JUDGE

Try the SK-216WX for 30 days. If not completely satisfied, return it for full refund, less only transportation charges.

LAFAYETTE **Criterion** ELIPTOFLEX SPEAKER CABINET WITH THE SK-210 SOVEREIGN 12 SPEAKER

Now Lafayette's renowned Eliptoflex enclosure in a new decorator inspired form. Incorporates the same inner construction and acoustic principles that have made Eliptoflex performance famous. Size: 32½"Hx18Dx16"W.

COMPLETE
98.50
NO MONEY DOWN



SK-210

ELIPTOFLEX

- SY-425WXM Walnut finish with SK-210. Shpg. wt., 65 lbs. Net 98.50
- SY-426WXM Oiled Walnut finish with SK-210. Shpg. wt., 65 lbs. Net 98.50
- SY-427WXM Mahogany finish with SK-210. Shpg. wt., 65 lbs. Net 98.50

Lafayette 3-Way 15 inch Hi-Fi Speaker SK-215

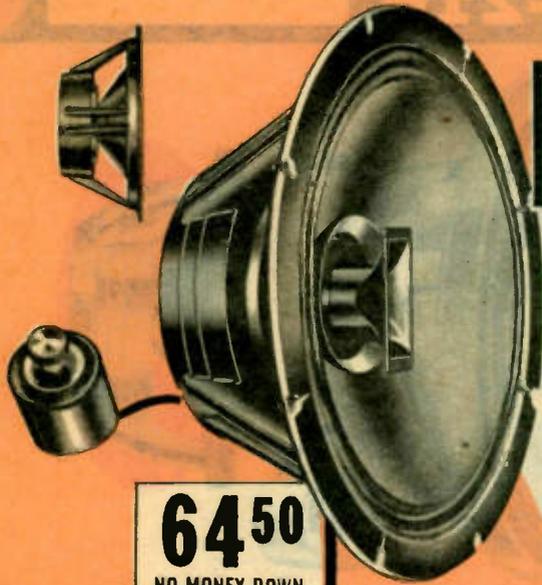
**MASSIVE 5 LB.
CERAMIC MAGNET
3 INCH MAIN
VOICE COIL**

*Custom Built in England
to Lafayette's Rigid
Specifications*

- Free-Edged Cone Suspension
- 12 DB/Octave Cross-over Network with High Frequency Level Control
- Precision Pressure-Driven Horn-Loaded Tweeter with Aluminum Diaphragm & Coil

Lafayette combined the finest British craftsmanship and advanced acoustic design to bring you this outstanding 3-way 15" speaker. The SK-215 utilizes a patented concentric twin-gap magnetic system with a massive 5 lb. Super efficient, double duty cylindrical ceramic magnet. Woofer, mid-range radiator and speaker are axially mounted to achieve unexcelled, efficient wide-range speaker performance. With a cone resonance of 25 cps, the woofer section is vacuum constructed by an exclusive process and features a virtually free-edged cone suspension that eliminates standing waves and surround resonances. An automatic mechanical crossover separates bass and mid-range frequencies at 2000 cps to a highly stable mid-range radiator. A 12 db per octave LC crossover network provides smooth transition at 5000 cps from mid-range to a precision pressure-driven horn-loaded tweeter employing an aluminum diaphragm and coil in a self-aligning assembly with air chamber and phase equalizer. This crossover has a high frequency constant impedance L-pad level control for matching of sound to room acoustics and individual listening tastes. SPECIFICATIONS: Cone Resonance, 25 cps; Overall Frequency Response, 20-20,000 cps; Magnet Weight, 5 lbs.; Magnetic Flux Density, over 250,000 Maxwells; Crossover Frequencies, 2000 and 5000 cps; Power Capacity, 50 watts; Woofer Voice Coil Diameter, 3 inches Tweeter Voice Coil Diameter, 1 inch; Impedance, 16 Ohms. Dimensions: 6½" overall depth; 15¼" diameter. Shpg. wt., 30 lbs.

Net 64.50



64⁵⁰
NO MONEY DOWN

**MONEY BACK
GUARANTEE**
YOU BE THE JUDGE
Try these Speakers for 30 days. If not completely satisfied, return it for full refund.
★ 1 year Service Guarantee

*Repairs which become necessary due to manufacturing defects will be made by Lafayette at no charge during the Guarantee period.

SEE PAGE 414 FOR FULL DETAILS

The "Big 8" from Lafayette

**Superb 8-Inch 3-Way High Fidelity Speaker.
Natural Balance—Distortionless Performance.
Brilliant Sound Reproduction.**

*Precision Crafted in England to
Lafayette's Rigid Specifications*

PERFORMANCE SPECIFICATIONS

- Frequency Response: 35-20,000 CPS • Cone Resonance: 45 CPS • Magnet: 1¾ Lb. Alcomax • Voice Coil: 3" Diam. • Flux Density: 175,000 Gauss • Impedance: 16-Ohms • Power Handling Capacity: 25-Watts • 2,000 CPS Mechanical Crossover 5000 CPS Electronic • Crossover With Built-In Brilliance Control
- Specially Developed "Rigidflex" Free Edge Cone Suspension • Die-Cast Frame
- New Compression - Driver Tweeter

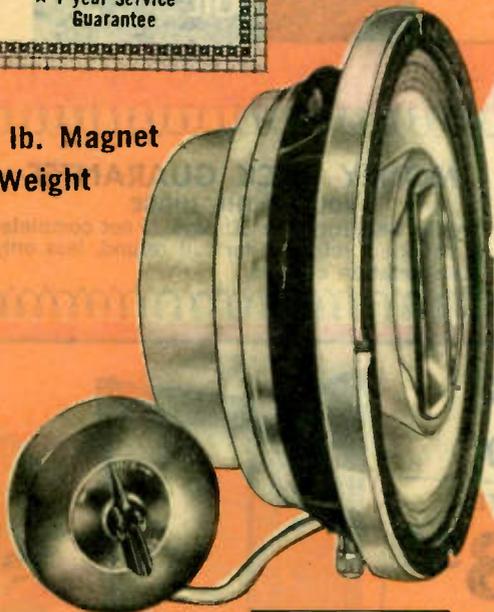
LAFAYETTE'S "BIG 8"—The remarkable quality and performance of this speaker now makes it possible to get a truly brilliant and rich sound from an 8" speaker. With almost uncanny ability, the SK-212 easily recreates the entire musical spectrum from 35 to 40,000 cps; achieving a standard of natural balance distortionless performance and superb transient response. Every musical tone is there—from powerful orchestral passages and deepest organ tones to the most delicate of solos.

Precision engineered and constructed to meet Lafayette's uncompromising specifications by master English craftsmen, the SK-212 incorporates the latest design and construction features. This excellence of design is best demonstrated by its 3 inch voice coil, 1¾ lb. Alcomax magnet and special "rigidflex" free edge cone suspension. Woofer, midrange radiator and tweeter are axially mounted to provide wide range speaker performance. A mechanical crossover separates bass and midrange frequencies at 2,000 cycles, while 5,000 cycle electrical crossover provides a smooth transition from midrange to a newly developed compression driver tweeter. A high frequency level control allows matching of sound to individual taste and room acoustics. Shpg. wt., 11½ lbs.

SK-212

Net 34.95

1¾ lb. Magnet
Weight

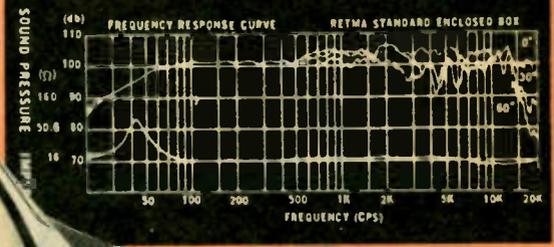
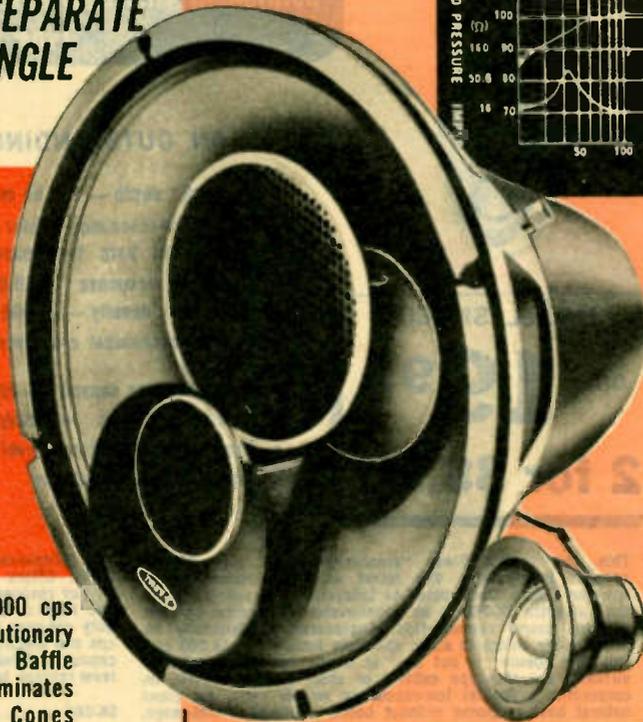
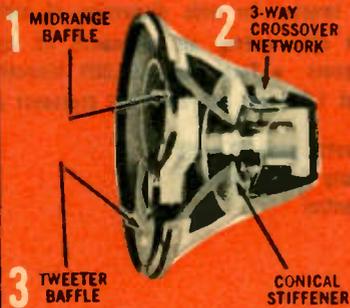


34⁹⁵
NO MONEY DOWN

FOR BUDGET TERMS SEE PAGE 412

THE LAFAYETTE TRIHELIX[®]

3 COMPLETELY INDEPENDENT SPEAKERS WITH 3 SEPARATE VOICE COILS IN A SINGLE 10" COMPACT UNIT



32 50
NO MONEY DOWN
UP TO 24 MONTHS TO PAY SEE PAGE 412

An Exciting Concept In Speaker Design!

- Frequency Response 20 to 20,000 cps (30-18,000 cps \pm 3 db)
- Revolutionary "Conical Stiffener"
- Eccentric Baffle Mounting of Midrange & Tweeter Eliminates Interaction Between Speaker Cones
- Built-in Crossover Network and Brilliance Control
- Extremely Efficient
- High Excursion Woofer
- Ideal For Stereo

a superb 10-inch 3-way speaker designed expressly for use with bookshelf enclosures.

SPECIFICATIONS
Overall Response 20-20,000 cps (30 to 18,000 cps \pm 3 db). Free-Air Resonance 35-55 cps. Impedance 16 ohms. Power Rating: 20 watts Average Program Material. Crossover Points: 1500 & 5000 cps. Overall Diam: 10". Overall Depth: 7". Baffle cut-out: 8 7/8". Screw type terminals are color-coded for quick easy connection of amplifier leads.

Recreates The Entire Audio Spectrum With Concert Hall Faithfulness—The Lafayette "Trihelix" represents a major breakthrough in three way speaker design. Fresh engineering concepts have resulted in a single 10-inch speaker designed expressly for use in bookshelf size enclosures, that delivers a quality of performance with the unmistakable feel, presence and clarity of a 3-way speaker system. The "Trihelix" is in effect a complete three-way high-fidelity speaker system, with three mechanically and electronically independent speakers mounted within a single 10-inch frame.

Although they are individual units the 2-inch tweeter and 5-inch midrange speakers have been especially designed to compliment the woofer. Special treatment of the cones and cone edges with polyester resins provides an even distribution of mid and high frequencies without peaks or resonances. To minimize interaction between the three cones both the midrange and tweeter units are mounted eccentrically or off center in relation to the woofer. In addition the midrange and tweeter are completely enclosed by a specially designed baffle. These unusual design features result in effectively eliminating inter-modulation distortion due to interaction between woofer, midrange and tweeter cones—a common fault in conventionally designed 3-way speakers.

The specially treated woofer cone employs a revolutionary "conical stiffener" located at the apex of the cone in order to stiffen the diaphragm and eliminate "breakup," thus providing a true piston action. This carefully designed cone-stiffening procedure, in addition to its very high compliance, enables the woofer to deliver a smooth, crisp, solid bass that balances naturally against a crystal clear midrange and natural treble. A built-in electrical crossover network with crossover points at 1500 cps and 5000 cps, allows each speaker to reproduce its portion of the audio range smoothly and efficiently. An adjustable brilliance control permits matching of sound to room acoustics.

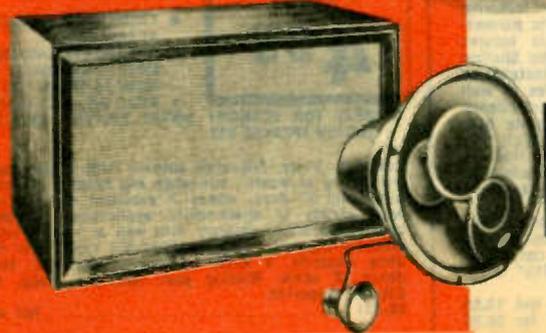
SK-180 10" Lafayette "Trihelix" Shpg. wt., 8 lbs. Imported. Net 32.50
SB-62W Adaptor Board To Fit SK-180 To 12" Cutout Net .89



LAFAYETTE ELIPTOFLEX[®] BOOKSHELF ENCLOSURE WITH SK-180 10" TRIHELIX 3-WAY SPEAKER

66.50
NO MONEY DOWN

An ideal combination of speaker and enclosure that furnishes optimum 3-way speaker performance. Eliptoflex enclosures are finished on all four sides for vertical or horizontal placement. Shpg. wt., 32 lbs.



SY-398WX Mahogany	Net 66.50
SY-399WX Walnut	Net 66.50
SY-400WX Blond	Net 66.50
SY-401WX Oiled Walnut	Net 66.50

NEW! LAFAYETTE 3-WAY 12 INCH "SLENDER-LINE" HI-FI SPEAKER

The Latest Advanced Techniques Have Been Incorporated In This New Lafayette 3 Way "Slender-Line" Type Speaker

AN OUTSTANDING PERFORMANCE VALUE

- Only 3½" depth — can be mounted in virtually any "thin-type" cabinet
- Special low-resonance woofer cone
- Independent horn type super tweeter for wide dispersion of highs
- Frequency response 30-18,000 cps • Free air resonance 45 cps
- Total flux density—21,500 gauss • Total flux—93,000 Maxwells
- Built-in mechanical crossover at 1,800 cps and electrical crossover at 5000 cps
- Power handling capacity — 20 watts, peak 40 watts
- Impedance 8 ohms • Heavy duty die cast frame
- Complete with brilliance level control
- Superb transient response



MODEL SK-260
ONLY **19⁹⁵**
2 for 38.95

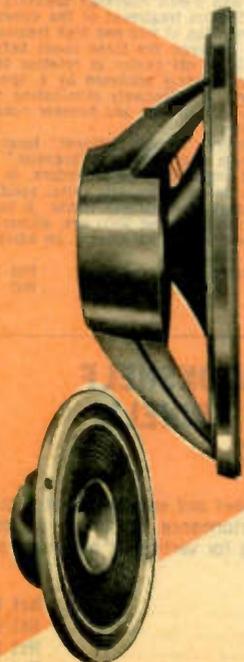
ONLY 3½" ← →

This new superb 3-way "slender-line" 12" high fidelity speaker incorporates the latest advanced techniques in speaker design. Constructed to Lafayette rigid specifications, the Lafayette SK-260 is an unbelievable value offering rich, brilliant sound reproduction. Engineered to faithfully reproduce the complete audio spectrum from 30 to 18,000 cps, this fine speaker is but 3½" in depth, can be mounted in virtually any thin-type cabinet or shelf type enclosure. Incorporates a special low-resonance woofer cone, for clean natural bass response without boom, mechanical mid-range,

and independent horn-type tweeter for wide dispersion of highs. Offers full-bodied mid-range and quality high frequency response enabling you to hear all the fine transients and high notes of the higher frequencies. Features heavy-duty die-cast frame. Built-in mechanical crossover at 1,800 cps and electrical crossover at 5,000 cps. — Power handling capacity 20 watts, peak 40 watts. Complete with brilliance level control. Impedance 8 ohms. Shpg. wt., 10 lbs. Imported.

SK-260 Net 19.95 2 for 38.95

LAFAYETTE 2-WAY 12 INCH "SLENDER-LINE" HI-FI SPEAKER



MODEL SK-255
ONLY **13⁹⁵**
2 for 26.95

- Dual Cone Construction
- Heavy Duty Magnet
- 2" Edgewound "Voice Coil"
- Frequency Response: 20-13,000 cps
- Shallow Depth for Custom Mounting

Here is a high quality, low cost, dual-cone speaker featuring outstanding sound and a heavy-duty die cast frame to permanently center the sound reproducing elements. This insures low distortion for the life time of the speaker. The Shallow frame design of the SK-255 permits simple custom installation in walls, "thin-type" enclosures, ready-made consoles or wall baffle extension speaker use. The big 12" high compliance woofer delivers plenty of solid bass while the separate high frequency whizzer cone handles the middle and high frequencies clearly to the upper audio spectrum. Other features are 2" edgewound voice coil assembly and a built-in mechanical crossover at 1800 cycles. Has convenient binding post terminals for fast, easy connections to any amplifier.

SPECIFICATIONS—Frequency Response: 20-13,000 cycles. Power Handling Capacity: 20 watts, 40 watts peak. Voice Coil Impedance: 8 ohms. Cone resonance: 45 cps ±10 cps. Voice Coil Diameter: 2 inches. Size: 12¼" diameter x 3½" deep. Shpg. wt., 7 lbs. Imported.

SK-255 Net 13.95
2 for 26.95

LAFAYETTE 3-WAY 6½" "SLENDERLINE" SPEAKER



MODEL SK-231
ONLY **4⁹⁵**

- TREMENDOUS QUALITY AT LOW COST
- 3 ELEMENTS PROVIDE SMOOTH RESPONSE FROM 75-12,000 CPS
- IDEAL FOR ECONOMY MUSIC SYSTEMS AND EXTENSION SPEAKER USE

Low-cost, 3-way, full-range speaker with 3 diaphragms performing as woofer, mid-range and tweeter. Its small size, only 2" deep, makes it excellent for use in a wide variety of space-saving applications, including background music systems with wall or ceiling installation. Frequency response, 75-12,000 cps. Power handling capacity, 3 watts of program material. Impedance, 8 ohms. Binding post terminals. Shpg. wt., 2½ lbs. Imported.

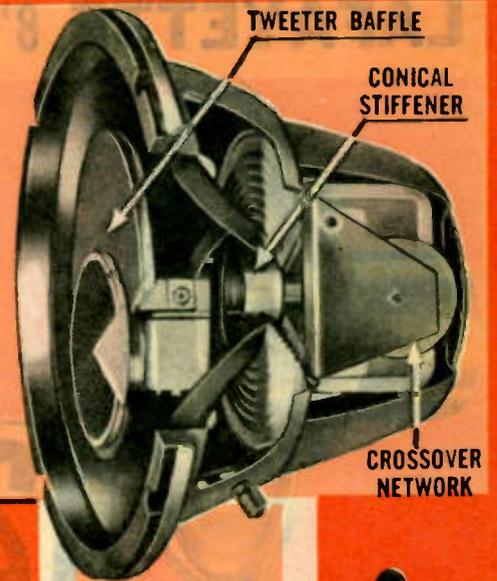
SK-231 Net 4.95

LAFAYETTE

ULTRA-LINEAR SK-128® FULL RANGE 8-Inch BIAXIAL SPEAKER with Acoustic Tweeter Baffle Design

The SK-128 combines the best features of a multiple speaker system in one compact and economical unit. It offers full, even coverage of the entire audible range, with no distortion or coloration to mar your listening pleasure. The specially treated woofer cone has a unique "Conical Stiffener" at the apex which, coupled with its high compliance, enables the cone to operate in a piston-like manner—delivering a clean, powerful bass response. The 2-inch tweeter has its own voice coil and magnetic field. Special treatment of cone and cone edge provides even distribution of the high frequencies, with no peaks or resonances. The unusual off-center mounting of the tweeter and its elliptical baffle minimizes interaction between tweeter and woofer and insures an overall response free of intermodulation distortion. Electrical crossover from the woofer cone to the tweeter unit is provided by a built-in network. An adjustable brilliance control permits matching of sound to room acoustics. Efficiency of the speaker is such that it will operate from any amplifier with an output of 1 watt or more. Installed in a bass-reflex type of enclosure, it performs outstandingly, and is recommended for all high-quality music systems—whether monaural or stereophonic. SPECIFICATIONS: Overall Response: 20-20,000 cps (40-16,000 cps \pm 3 db). Free air Resonance: 45-65 cps. Impedance: 8 ohms. Power Rating: 20 watts Integrated Program Material. Crossover: 2,500 cps. Overall Diam. 8 $\frac{1}{2}$ ". Overall Depth: 5 $\frac{1}{2}$ ". Baffle cut-out: 7 $\frac{1}{2}$ ". Rugged, vibration-free speaker frame with color-coded screw-type terminals for quick, easy connection of amplifier leads. Shpg. wt., 5 lbs. Imported

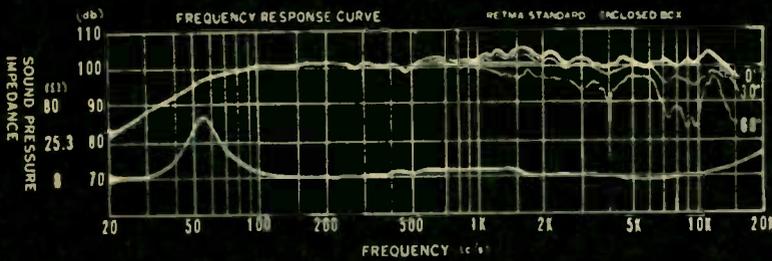
19⁵⁰



Tweeter with baffle

Polyester resin tweeter edge treated

Eccentric Tweeter Mounting & Unique Elliptical Baffle Completely Eliminates Interaction Between Woofer & Tweeter



- 20 TO 20,000 CPS (40 TO 16,000 CPS \pm 3 DB)
- HIGH EFFICIENCY
- HIGH EXCURSION WOOFER WITH UNIQUE "CONICAL STIFFENER"
- HANDLES HEAVY BASS PASSAGES WITHOUT "DOUBLING"

LAFAYETTE MINI-DUCT® BOOKSHELF ENCLOSURE WITH SK-128® 8" ULTRA-LINEAR SPEAKER

The perfect answer for those who demand realistic sound reproduction even where space is limited. Two of these systems are ideal for stereo. Beautifully finished on all 4 sides for horizontal or vertical placement. Shpg. wt., 28 lbs.

AS LOW AS
37⁵⁰



SY-404WX	Speaker System in Walnut	Net 39.50	
SY-455WX	Speaker System in Oiled Walnut	Net 39.50	
SY-403WX	Speaker System in Mahogany		Net 39.50
SY-347WX	Speaker System in Unfinished Birch —		Net 37.50
	For 3 Sided Finish Only		

LAFAYETTE 8" WIDE-RANGE HI-FI SPEAKER SK-130

Made In England To Our Own Rigid Specifications

CHECK THESE PHENOMENAL SPECIFICATIONS

- Frequency Response: 40-18,000 cps
- Flux Density: 13,500 Maxwells
- Power Handling Capacity: 15 Watts
- Magnet Weight: 1 lb. High Efficiency Alcomax Magnet
- Cone Resonance: 55 cps
- Voice Coil: 1-Inch
- Impedance: 16 Ohms



12⁹⁵

ASTONISHING FIDELITY from a speaker of this size and modest price. Designed and finished with typical British craftsmanship, the SK-130 features an especially designed hyperbolic cone with a plastic surround suspension for wide compliance performance. Bass response is robust and full bodied, while the midrange and highs are virtually transparent, with never a trace of shrillness or harshness. The excellent wide-range response of the SK-130 make it ideal for stereo when used in pairs or perfect for use as a high quality extension speaker. Overall Diam. 8 1/2" x 4" Deep. Baffle cut-out 7 1/2". Rigid vibration-free frame is equipped with screw type terminals. Imported SK-130 Shpg. wt., 3 lbs. Net 12.95

FAMOUS LAFAYETTE MINI-DUCT® BOOKSHELF ENCLOSURE WITH SK-130 8" WIDE-RANGE SPEAKER

MINIDUCT

A combination that rivals the performance of much larger speaker systems. This fine enclosure assures optimum performance from the SK-130. Only 23Wx11 1/2Hx11 1/8"D—ideal for mounting in a bookcase or record shelf. Finished on 4 sides in a variety of fine furniture finishes. Shpg. wt., 27 lbs.

SY-420WXM Mahogany	Net 36.95
SY-421WXM Walnut	Net 36.95
SY-458WXM Oiled Walnut	Net 36.95
SY-415WXM Unfinished for 3-Sided Finish only	Net 33.95

AS LOW AS

33⁹⁵

NO MONEY DOWN



SK-130

LAFAYETTE ULTRA-COMPLIANCE 2-WAY SPEAKER SYSTEM

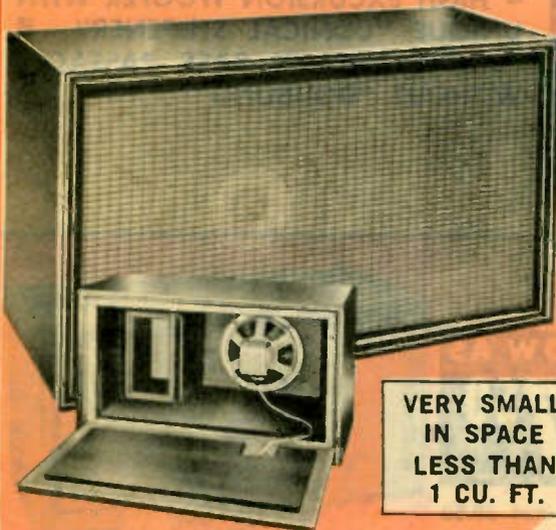
MODEL SK-124

Exceptional Fine Performer

- Frequency Response 40-16,000 cps
- Especially Designed Vented, Tuned Duct Type Enclosures
- Unique Mechanical 2-Way Speaker With Extra Heavy Magnet
- Enclosure Finished on 4 sides
- Excellent For Stereo

AS LOW AS

19⁹⁵



**VERY SMALL-
IN SPACE
LESS THAN
1 CU. FT.**

FULL SIZE PERFORMANCE — This outstanding Lafayette Ultra-Compliance 2-way speaker system achieves a purity of sound and musical quality that is astounding from a speaker system occupying less than one cu. ft. of space. A perfect speaker for use anywhere in your home or office . . . makes ideal extension units or use in pairs for stereo.

The speaker features a unique dual cone with an extra heavy magnet structure, employed in a specially designed tuned ducted port enclosure. Both tweeter and woofer "float" on flexible, corrugated edges, with the outer edge of the tweeter cone attached to the mid-section of the woofer. This results in a mechanical crossover so that both cones operate in phase at low frequencies, but only the tweeter cone radiates high frequencies. The same type of wide-range frequency response is achieved that normally is found only in true coaxial or multiple speaker systems. Frequency response is 40-16,000 cps — Impedance: 8-16 ohms.

Available in rich mahogany walnut, or oiled walnut. Finished on four sides — place it horizontally on its side or vertically on its base. Easily adapts to bookshef placement or modular use. Dimensions are only 10 3/4Hx18 1/2Lx8 7/8"D. Shpg. wt., 15 lbs. Imported.

Lafayette Ultra-Compliance 2-way Speaker System.	
SK-124WX Mahogany or Walnut (Specify Finish)	Net 19.95
SK-123WX Oiled Walnut	Net 23.95
Set of Two SK-124 Systems for Stereo	Net 38.90
Set of Two SK-123 Systems for Stereo	Net 46.90

LAFAYETTE'S Popular MINI-DUCT®

SPEAKER ENCLOSURE

A universal ducted-port bookshelf enclosure engineered for use with 1, 2 or 3-way speaker systems.

- SOLIDLY CONSTRUCTED OF ¾" WOODS • START WITH A SINGLE SPEAKER AND BUILD INTO A 2- OR 3-WAY SYSTEM LATER • ACOUSTICALLY LINED THROUGHOUT • AVAILABLE IN A VARIETY OF 4-SIDED FINISHES

Now limited space need not necessarily mean limited sound. The Lafayette Mini-Duct is acoustically designed to achieve smooth, distortion-free reproduction with a remarkably full, clean extended bass response that gives no indication as to its small size. Reducing boards are supplied so that the Mini-Duct will accept an 8" Woofer, 6" Mid-Range and a variety of tweeters. This versatility makes it possible to start with an 8" speaker and eventually build into a 2-way or 3-way speaker system. Solidly constructed of ¾" woods the Mini-Duct is beautifully finished in a variety of fine veneers on 4 sides. Designed for attractive horizontal or vertical placement anywhere in your home with dimensions 23Wx11½Hx11¼"D. Shpg. wt., 29¾ lbs.

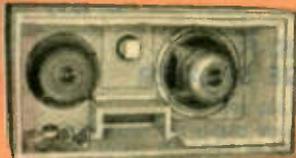
CAB-106WX	WALNUT	Net 24.95
CAB-105WX	MAHOGANY	Net 24.95
CAB-155WX	OILED WALNUT	Net 24.95
CAB- 51WX	UNFINISHED BIRCH	Net 21.50

NO MONEY DOWN

AS LOW AS
21.50



MINI-DUCT BOOKSHELF ENCLOSURE



Mounting boards accept all types of tweeters



AS LOW AS
31.25

NO MONEY DOWN

UP TO 24 MONTHS TO PAY SEE PAGE 412

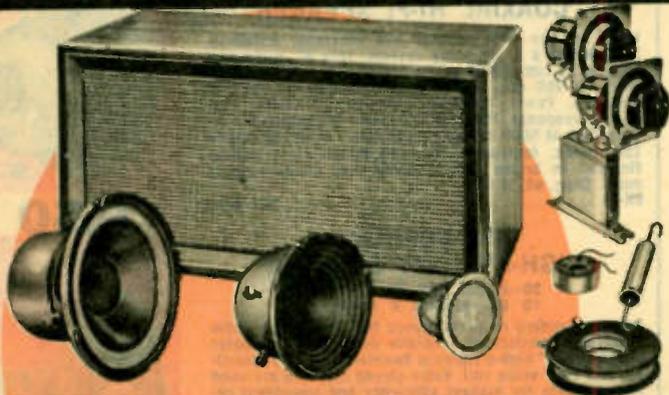
SPEAKER AND ENCLOSURE COMBINATIONS

A PERFECT COMBINATION: The "Mini-Duct" enclosure and the famous Lafayette SK-98 8" mechanical 2-way speaker with patented dual cone construction. This speaker combined with the Lafayette "Mini-Duct" enclosure will give the same wide-range frequency response (40-16,000 cps) normally found in the coaxial speakers or multiple speaker systems. Shpg. wt., 29½ lbs.

COMBINATION UNFINISHED "MINI-DUCT" ENCLOSURE WITH SK-98 SPEAKER SY-348WXM	Net 31.25
COMBINATION MAHOGANY "MINI-DUCT" ENCLOSURE WITH SK-98 SPEAKER SY-377WXM	Net 34.25
COMBINATION WALNUT "MINI-DUCT" ENCLOSURE WITH SK-98 SPEAKER SY-378WXM	Net 34.25
COMBINATION OILED WALNUT "MINI-DUCT" ENCLOSURE WITH SK-98 SPEAKER SY-456WXM	Net 34.25

If true-fidelity in music is important to you

LAFAYETTE HIGH COMPLIANCE 3-WAY BOOKSHELF SPEAKER SYSTEM IN FAMOUS MINI-DUCT



- FREQUENCY RESPONSE FROM BELOW 35 to 18,000 CPS • ADVANCED DESIGN 8" HIGH COMPLIANCE WOOFER WITH 1 LB. MAGNET & 1¼" VOICE COIL, PLUS 6" MID-RANGE PLUS 3" TWEETER • 3-WAY LC ELECTRONIC CROSSOVER NETWORK • PERFECT FOR STEREO • IN AMAZING MINI-DUCT ENCLOSURE FINISHED ON ALL FOUR SIDES

Lafayette designers have succeeded in achieving a standard of performance formerly associated with very large speaker systems. The Lafayette Mini-Duct bookshelf enclosure is employed with advanced Hi-Compliance speaker design—both enclosure and speakers have been carefully engineered and matched in efficiency for a precise musical blend and balance. An unusually full, clean low frequency response is provided by the specially designed 8" woofer with an exceptional bass response characteristic. The Hi-Compliance woofer cone is suspended by a new type of fabric edging permitting extremely wide cone excursions; the true piston action of the cone plus the use of a 1 lb. magnet and 1¼" voice coil not only provide a high efficiency bass response but also serve to eliminate distortion and give excellent transient response. Both the 6" Midrange speaker and 3" Tweeter have completely sealed rear housings to prevent back radiation and interaction with the woofer. The 6 db per octave LC electronic crossover network crossing over at 750 cps and 5,500 cps employ separate balance controls for the midrange and tweeter, thereby providing precise control for balancing the speaker system to room acoustics and individual listening tastes. Handles up to 25 watts of integrated program material. Impedance 8-16 ohms. Dimensions are 23Wx11½Hx11¼"D. Fine veneer finish on 4 sides. Complete with easy to follow speaker assembly instructions. Shpg. wt., 33 lbs.

AS LOW AS

46.95

NO MONEY DOWN

SY-457WXM OILED WALNUT 3-WAY SPEAKER SYSTEM	Net 52.40
SY-375WXM MAHOGANY 3-WAY SPEAKER SYSTEM	Net 52.40
SY-376WXM WALNUT 3-WAY SPEAKER SYSTEM	Net 52.40
SY-358WXM UNFINISHED BIRCH 3-WAY SPEAKER SYSTEM	Net 46.95

LAFAYETTE HI-FI SPEAKERS AT POCKET BOOK PRICES



NEW! DUAL DIAMETER MAGNETS

Remarkable new development of dual diameter (DD) directional grain Alnico V slug magnets, in use in the Boeing Jets. All Lafayette speakers on this page are equipped with DD magnets except*. Magnet weights shown are equivalents of conventional Alnico V.



SK-93W*
8.75

12" COAXIAL HI-FI SPEAKER

12" Alnico V PM with 1" voice coil and heavy one-piece cone. Specially designed 3" Alnico V PM tweeter completes this combination speaker. Range 40 to 15,000 cps. Built-in high pass filter. Power rating: 12 watts. 6.8 oz. Alnico V magnet. Impedance 8 ohms. Shpg. wt., 8 lbs.
SK-93W Net 8.75

12" THREE-WAY HI-FI SPEAKER

This new 3-way speaker answers the needs of many hi-fi enthusiasts. Featuring an 8 oz. magnet it has a frequency response of 35-17,500 cps. The elliptical tweeter gives improved sound dispersion over cylindrical types. Voice coil, diam-1 1/8", Impedance 8 ohms. Plated steel frame finished in brown baked enamel. Has 4-way binding posts. Shpg. wt., 6 1/2 lbs.
SK-183* Net 11.95

NEW! 2 x 6" ELLIPTICAL TWEETER

A new wide-angle dispersion tweeter with frequency response from 2500-16,000 cps. Will handle up to 20 watts audio power. Voice coil diameter 3/4" with Alnico-V magnet. Built-in crossover. Because of small size, this speaker can be easily mounted in many existing baffles. Depth 2 1/8". Shpg. wt., 6 1/2 lbs.
SK-184* Net 3.25

6" MID-RANGE SPEAKER

An excellent mid-range direct-radiator type speaker for installation in 3-way or 4-way speaker systems. Gives clean, distortion-free reproduction at rated power. Features closed back to eliminate interaction with sound waves generated from other speakers in the same enclosure. Rated power handling capacity: 10 watts. Frequency response from 700 to 7000 cps. Magnet weight: 3.16 oz. Voice coil impedance: 8 ohms. Plated steel frame finished in brown baked enamel. Has 4-way binding posts. Shpg. wt., 3 lbs.
SK-138* Net 5.25

15" HI-FI WOOFER

• 2 LB. ALNICO MAGNET
• 20 TO 5000 CYCLES—35 WATTS
This efficient 15" low frequency woofer incorporates many exclusive features. For original equipment or replacement, it provides highly efficient extended low-frequency response. Ideal for assembling 2- and 3-way speaker systems. Handles 35 watts of audio power. Frequency response \pm 2 db 20 CPS to 1000 CPS, and \pm 5 db from 20 CPS to 5,000 CPS with proper baffling. Voice coil dia. 2". Impedance 8 ohms. 31.5 oz. Alnico V magnet.* Finished in beautiful brown enamel. Cone is seamless type, permanently bound to voice coil. Has 4-way binding posts. Shpg. wt., 13 1/4 lbs. Cone Resonance 45 cycles
SK-67W* Net 23.95

12" HI-FI WOOFER

21.5 OZ. ALNICO V MAGNET—25 WATT
Provides efficient, extended low-frequency response of \pm 5 db from 35 to 8000 CPS, and features 25 watts of power handling capacity. Perfect for high-fidelity installations or for modernization of older equipment. Ideal for assembling 2- and 3-way speaker systems at a budget price. Enclosed magnet structure—completely dust-proof. Compliance of outer cone and inner spider carefully calculated for best bass response. 21.5 oz. Alnico V magnet, 1 1/2" dia. voice coil, 8 ohm impedance. All exposed surfaces are finished in beautiful brown enamel. Has 4-way binding posts. Cone Resonance 50 cycles. Shpg. wt., 8 lbs.
SK-68 Net 15.50

12" HI-FI WOOFER WITH 2 POUND MAGNET

- 30 Watts
- 20-2500 Cps
- 8 ohm Voice Coil Impedance
- Speaker resonance at 30 cps.

This sturdily constructed 12" Woofer is rated at a full 30 watts audio power. Frequency response from 20 to 2500 cps with the speaker resonant frequency at 30 cps. Quality construction techniques provide an accordion type, specially treated edging to add to cone life. Rugged cone construction prevents break-up. By using special wire material in the voice coil circuit, the chance of overheating is minimized. A heavy 2 lb. Alnico V magnet and 2" diameter voice coil permit uniform performance over the entire speaker excursion. Plated steel frame finished in brown baked enamel. Has 4 way binding posts. Shpg. wt., 10 1/2 lbs.
SK-182* Net 22.95

8" HI-FI WIDE RANGE SPEAKER

50-13,000 CPS

Answers the need for a good quality but moderately priced speaker with a range of 50-13,000 cycles. An extremely smooth single cone reproducer — ideally suited for Hi-Fi systems. Excellent for limited space—good overall balance—power handling capacity: 10 watts—6.8 oz. Alnico V magnet—frequency response: 50-13,000 CPS when properly baffled. Rim treatment on cone minimizes possibility of diaphragm distortion. Voice coil impedance: 8 ohms. Cone Resonance 85 cycles. Plated steel frame finished in brown baked enamel. Has 4-way binding posts. Shpg. wt., 4 lbs.
SK-69 Net 6.25

8" MID-RANGE SPEAKER

• IDEAL WIDE-RANGE BUDGET SPEAKER • PERFECT FOR STEREO • RESPONSE 70-12,000 CPS • BUILT-IN CROSSOVER • 10 WATT RATING • 3.16 OZ. MAGNET
A fine coaxial high fidelity speaker with built-in electronic crossover. Rated at 10 watts, with response of 70-12,000 cps. Rigid, non-resonant frame, high efficiency 3.16 oz. Alnico 5 magnet, specially-treated long life cone, and gasket-sealed magnet cover contribute to its fine performance. 8 ohm voice coil. Shpg. wt., 6 lbs.
SK-92 Net 5.95

ECONOMY 8" COAXIAL HI-FI SPEAKER

Ideal for use with tweeter and crossover networks to make up a 2- or 3-way system. This 8" mid-range speaker is capable of producing undistorted response down to 350 cps, the crossover frequency. Back is enclosed. Power handling capacity: 25 watts. Frequency response 350-13,500 cycles. Recommended to crossover at 5000 cycles to a tweeter. Cone resonance 150 cycles. Impedance: 8 ohms. Plated steel frame finished in brown baked enamel. Has 4-way binding posts. Shpg. wt., 4 lbs.
SK-74 Net 6.50

15" COAXIAL HIGH-FIDELITY SPEAKER

30-20,000 CPS—25 WATTS—10 OZ. ALNICO V MAGNET

Superb standard of performance throughout the audio spectrum. Consists of specially designed 15" woofer with a full 5" high-frequency tweeter, coaxially mounted, and 1 1/8" voice coil. Extra strong magnets are used in both units for highest efficiency and smoothest response. The 15" woofer gives the deep, rich bass notes for complete satisfaction. Frequency response: 30-20,000 CPS. Crossover frequency: 3500 CPS. Handling capacity: 25 watts, 35 watts peak; Impedance: 8 ohms. Rugged seamless cone, finished in attractive non-marking brown hammerloid enamel. Has 4-way binding posts. Shpg. wt., 13 lbs. Cone Resonance 45 cycles.
SK-135W Net 17.95

12" COAXIAL SPEAKER

Same construction, wattage and magnet weight as SK-135W (listed above), except tweeter is 3 1/2". Response: 40-20,000 cps. Cone resonance 50 cycles.
SK-136 Shpg. wt., 12 lbs. Net 14.95



SK-182
22.95



SK-184
3.25



SK-138*
5.25



SK-67W*
23.95



SK-68
15.50

LAFAYETTE SPEAKERS & SYSTEMS

LAFAYETTE 8" WOOFER

- Rated 20 watts • Free edge cone
- 14.7 oz. alnico V magnet
- High Compliance • 35 to 7500 cps

Ideal for 2 or 3 way systems where space is at a premium, this 8" woofer provides coverage from 35 to 7500 cps. The 14.7 oz. magnet is extraordinarily heavy for this size speaker insuring the efficiency needed for good clean response. Other features include free edge, high compliance cone, 20 watt power dissipation, voice coil dust cover. Cone resonance 50 cycles, 8 ohm V.C. Has 4-way binding posts. Shpg. wt., 4½ lbs. SK-164 Net 10.95



10⁹⁵

NEW! 12" WIDE-RANGE HI-POWER HI-FI SPEAKER

- 21.5 OZ. ALNICO 5 MAGNET • RATED AT 30 WATTS • RESPONSE 20-14,000 CPS • SEAMLESS CONE • SPECIAL HEAVY-DUTY CONSTRUCTION
- Ideal For P.A. Work

Incorporating a dual-diameter (see top of facing page) magnet of high-flux density Alnico 5, this new wide-range 12" PM high fidelity speaker is rated at 30 watts and is excellent for use with any hi-fi system. With proper baffling, frequency response is 20 to 14,000 cps. Special construction features include a 1½" voice coil; epoxy bonding of the voice coil to the seamless cone; completely dust-proof enclosed magnet structure; fibre-to-metal bonds made with heat under extreme pressure; heavy cast-metal frame; metal parts heavily cadmium-plated, with exposed surfaces covered with a handsome mar-resistant hammerloid finish. Voice coil impedance 8 ohms. Outside diameter 12¾", mounting diameter 11¾", depth 6¾". Color-coded 4-way binding-post terminals. Shpg. wt., 7 lbs. SK-137 Net 14.95



ONLY 14⁹⁵

ROYAL DANISH 12" DUAL CONE SPEAKER • HIGH FLUX DENSITY

You will be pleasantly surprised at the quality of this fine speaker which Lafayette brings you at this low price. Two cones are mounted on a single axis, and provide remarkable wide range frequency response from 45 to 14,000 cps. Reproduction of program material is exceptionally lifelike throughout the entire range. An exclusive, special formula cone rim treatment eliminates cone rim resonance and distortion. Also, the damping effect improves transient response and prevents "hangover." Overall depth, 5¾". Completely enclosed, 1" diameter voice coil with an impedance of 8 ohms. Shpg. wt., 6 lbs. Imported. SK-86. 12" Dual Cone Hi-Fi Speaker Net 7.95



LAFAYETTE 6"x9" WIDE RANGE SPEAKER

- NEW HIGH SENSITIVITY MAGNETIC CIRCUIT
- 55 to 14,000 cps
- SPACE SAVER CONSTRUCTION

This hi-fi extended range speaker is definitely a must for add-on stereo application and lends itself to many new applications such as adding hi-fi to autos, TV, radio sets, and also where space limitations are paramount such as shelves, horizontal enclosures etc. This speaker consists of a special skiver rolled cone with a 1" voice coil with 8 ohm impedance which can handle musical peaks of 10 watts. The shell is of brown enameled heavy plated steel with a 3.16 oz. magnet of new design which produces extra high sensitivity. It has an outside diameter of 6¾" x 9¾"; Mtg. hole dimensions are 4¾" x 6¾"; Depth is 3¾". Has 4-way binding posts. SK-107 Shpg. wt., 2 lbs. Net 4.00



4⁶⁵

LAFAYETTE 8" EXTENDED RANGE SPEAKER

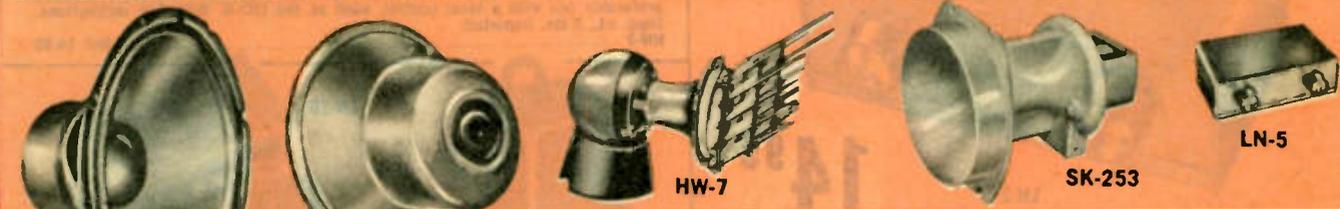
- 45 to 13,000 cps
- SKIVER ROLLED CONE FOR SMOOTH RESPONSE
- 3.16 OZ. NEW TYPE MAGNET

Here is a price buster for the budget-wise hi-fi music lover. This is an extended range domestic speaker whose high sensitivity is achieved through a new hi-efficiency magnetic circuit. Ideally suited for medium and low level monaural or stereo reproduction. It has a 1" voice coil with 8 ohms impedance and will handle musical peaks of 10 watts. Size: O.D. 8¾"; Mtg. hole dimensions 7¼"; 3½" deep; Brown enamel over heavily plated steel. 4-way binding posts. Shpg. wt., 2 lbs. SK-106 Net 4.85



4 OUTSTANDING 3-WAY SYSTEMS

A SELECTION OF ECONOMY-PRICED SYSTEMS WITH 15" OR 12" WOOFERS—8" MID-RANGE SPEAKER—COMPRESSION HORN TWEETER—CROSSOVER NETWORK



SK-67W

SK-74

HW-7

SK-253

LN-5

AS LOW AS 49⁵⁰ NO MONEY DOWN BUY ON TIME—SEE PAGE 412

ALL WOOFERS WITH 2-LB. MAGNETS—CLOSED BACK MID-RANGE-COMPRESSION TWEETERS—CROSSOVER WITH BRILLANCE AND PRESENCE CONTROLS

15" SYSTEMS

For the high fidelity enthusiast who desires real quality performance with multiple components, we believe this is an outstanding system. Consists of the SK-67W 15" woofer with a 2-lb. magnet to cover the bass ranges, the SK-74 8" to deliver full-bodied mid-range frequencies, (both described fully on page 58), the HW-7 high frequency tweeter with acoustic lens faithfully reproduces the highest audible frequencies, and the model LN-5 3-way inductance-capacitance networks with continuously variable presence and brilliance controls to adjust tone balance to your personal taste. (HW-7 and LN-5 described on page 60). SY-93WXM Shpg. wt., 25 lbs. Net 49.50

12" SYSTEMS

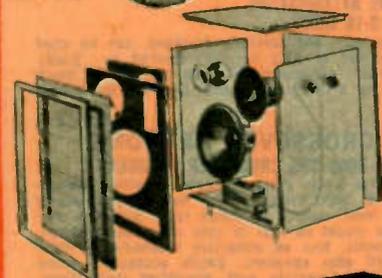
Where a somewhat smaller system is desired due to lack of space, Lafayette offers a system identical to the SY-93WXM described at left except that in place of the SK-67W 15" woofer the model SK-182 12" woofer described on page 58 is supplied. The full efficiency of reproduction and quality is maintained by this fine speaker with its 2 lb. magnet. Power is slightly less than the 15" speaker but is still a plentiful 30 watts—considerably more than is needed in almost any installation. Shpg. wt., 22 lbs. SY-460WXM Net 54.50

ALTERNATE SYSTEM

Same system as above except in place of the HW-7, the model SK-253 tweeter described on page 60 is used. SY-461WXM Shpg. wt., 25 lbs. Net 50.50

ALTERNATE SYSTEM

Identical to the above except in place of the HW-7 tweeter, the model SK-253 tweeter described on page 60 is used. Shpg. wt., 22 lbs. SY-461WXM Net 49.50



EXPLODED VIEW SHOWS HOW SYSTEMS MOUNT IN CABINET—CABINET NOT INCLUDED—SEE PAGE 74

LAFAYETTE

HI-FI TWEETERS & CROSSOVER NETWORKS



HK-3



SK-214



SK-171

NEW LAFAYETTE-GOODMAN "DOOME LENS" ULTRA HIGH FREQUENCY COMPRESSION TWEETER

- Omni-directional compression tweeter for 2, 3, and 4 way systems • Has built in crossover at 5000 cps. • Handles frequencies from 5000 cps to beyond limits of human audibility • Handles up to 30 watts of power

A new "Dome Lens" ultra-high frequency hemispherical compression tweeter made in England by fine British craftsmen. Designed to give full 360° sound dispersion, quality high frequency response of sharp transients and percussive sounds. Can be used to add brilliance to extended range speakers in 2 way systems. Ideal for super-tweeter applications in 3 & 4 way systems. When used in a complete system, this super tweeter can handle up to 30 watts of power. Capable of handling frequencies from 5000 cps. to beyond the limits of human audibility. Has built in crossover at 5000 cps. Voice coil impedance 8-16 ohms. Dimensions: 4Dx2½" length. Shpg. wt., 1½ lbs. Imported from England.

SK-214 Net 8.95

CONE TYPE METAL-CASED HI-FI TWEETER

- HANDLES 20 WATTS • FREQUENCY RESPONSE 2000-16,000 CPS

An excellently designed cone type tweeter particularly efficient in the higher end of the audio spectrum where ordinary cone tweeters tend to lose clarity and volume. With this tweeter you will be able to hear all the fine transients and high notes of the higher frequencies. Entirely enclosed in metal case with base for standing by itself. Bracket is supplied for mounting in cabinet. Requires crossover network such as Lafayette LN-2B Diameter 3". Depth 2½". Voice coil impedance 8-16 ohms.

HK-3 Hi-Fi Tweeter. Shpg. wt., 4 lbs. Imported Net 5.95

NEW LAFAYETTE LOW COST HI-FI TWEETER

Frequency Response 3,000-20,000 Cps.

A low cost Hi-Fi tweeter designed for mounting in most existing baffles and cabinets. Reproduces high frequencies without losing clarity and volume. Even sound dispersion is insured by use of a round cone. Metal cased with completely sealed rear housing. Frequency response 3,000-20,000 cps. Diameter 2¾ inches. Depth 1¼ inches. Voice coil impedance 8 ohms. Shpg. wt., 1 lb. Imported.

SK-171 Net 2.25



SK-253

9.95

NEW LAFAYETTE COMPRESSION TWEETER

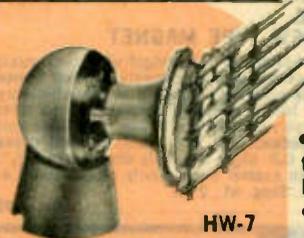
- 1500 to 20,000 Cycles Response • Handles 20 Watts of Power
- Phasing Plug for Uniform Sound Dispersion • Die-Cast Aluminum Construction • High Efficiency

A new high efficiency compression tweeter in a rugged die-cast aluminum housing. With a range of 1500 to 20,000 cycles, this unit offers amazing clarity and brilliance of sound. Horn design offers good dispersion. Built-in phasing plug ensures uniform sound output — gives maximum high frequency efficiency without frequency cancellation effects. Special aluminum diaphragm. Low end cut-off 1500 cycles; high range extends to 20,000 cycles. Handles up to 20 watts of power and matches perfectly to any system—especially high efficiency low and midrange speakers. Recommended crossover frequency 2500 cycles or higher. The LN-2B below is ideal for this unit. Dimensions: 5¼" long, mounts in ¾" dia. hole. Impedance 16 ohms Imported.

SK-253 Tweeter Shpg. wt., 2 lbs. Net 9.95

HIGH FREQUENCY TWEETER WITH ACOUSTIC LENS

- Frequency Response From 2000 CPS to Beyond Audibility • Louvered Acoustic Lens For Uniform Sound Dispersion
- Handles 25 watts of Power



HW-7

A high frequency tweeter featuring a louvered acoustic lens for uniform sound dispersion and capable of handling up to 25 watts of distortion-free power. The directional tendency of high frequency notes is overcome by the natural wide dispersion angle of the short horn and acoustic lens which disperses and radiates the high notes smoothly throughout the entire listening area. The lens is detachable for panel mounting, with a separate base for the tweeter furnished for external mounting where desired. Aluminum voice coil has 16 ohms impedance. Size: 4¼" long x 3" diameter, lens extends 2½". Requires a crossover network, preferably one with a level control, such as the LN-2-B. With full instructions.

HW-7 Net 14.95



LN-5

14.95

NEW! 2- and 3-way L/C CROSSOVER NETWORK

- 4 CROSSOVER FREQUENCIES: 350, 700, 2000-3000, 5000 CYCLES
- 6 CROSSOVER COMBINATIONS
- 2 OR 3 WAY CROSSOVER
- ATTRACTIVE METAL CASE
- BUILT-IN BRILLIANCE & PRESENCE CONTROLS

This versatile unit can be used either as a 2-way or 3-way 6 db per octave network. You can use this network for a 2-way system now, easily and quickly convert to 3-way later. Six crossover combinations are available—2-way crossover with 2000-3000 cycle or 5000 cycle crossover, and 3-way with crossover frequencies of 350 and 5000, 350 and 2000-3000, 700 and 2000-3000 or 700 and 5000 cycles—a total of four different crossover frequencies! Suitable for 8-16 ohm speakers. The network is housed in an attractive metal case, suitable for mounting inside enclosure or leaving out in the open. Two level controls—Brilliance and Presence controls—are mounted on the front panel. If desired, these level controls may be removed, along with the beautiful gleaming copper escutcheon plate, for external mounting; controls are wired with 3-foot long leads. High quality components are used for long life and top performance. Shpg. wt., 6 lbs. Imported!

LN-5 Lafayette L/C Crossover Net 14.95



LN-1



LN-2B

LAFAYETTE 2-WAY CROSSOVER NETWORK

- CROSSOVER AT 2000/3000 CYCLES
- 6 DB/OCTAVE ATTENUATION
- IMPEDANCE 8-16 OHMS

This Lafayette L/C network, ruggedly built and carefully designed, can be used to divide the audio frequency spectrum at 2/3 kc, as required by 2-Way multiple hi-fi speaker systems. Provides attenuation of 6 db per octave. You'll get quality performance at low cost. For 8-16 ohms systems. Enclosed metal case 3x2½x3". Shpg. wt., 2½ lbs.

LN-1 Net 4.95

LAFAYETTE 2-WAY CROSSOVER NETWORK

ADJUSTS TO EITHER 2500 OR 5000 CPS CROSSOVER FREQUENCY

A carefully designed capacitive-inductive 2-way crossover network with crossover frequency easily set to either 2500 or 5000 cycles. Has a built-in continuously variable high-frequency "Brilliance" level control to match room acoustics perfectly. Control has a 2½ ft. cable to mount on rear or side of speaker cabinet, and a long shaft for thick wood panels. Has an attractive brushed-gold finish escutcheon plate. For use with 8-16 ohm speakers. Easily accessible screw terminals. Metal case 5½Lx2½Wx2¾"D. Complete with simplified instructions. Shpg. wt., 5 lbs. Imported

LN-2B Net 7.95

KLH

Deluxe LOUDSPEAKER SYSTEMS

KLH



MODEL 6

MODEL 6

An outstanding 2-way speaker system that achieves superlative bass response and provides extremely smooth performance from 32 to over 16,000 cps. Low frequency 12" speaker employs acoustic suspension principle. The high frequency cone-type direct radiator, utilizes a liquid butyl rubber suspension. Unusual mounting—the woofer frame and magnet assembly are cast right on the front panel of the cabinet. This casting is constructed of a fiberglass—reinforced epoxy resin material and steel tubing. In addition the tweeter is completely encapsulated into the front panel by means of an epoxy resin. Thus the woofer and tweeter are integrated into the front panel which actually functions as part of the frames of both speakers. When the grillecloth is mounted and the panel is glued under pressure into the fiberglass filled cabinet, the cabinet itself becomes a structural part of the system. In addition to the woofer and tweeter, the speaker utilizes a 1500 cps LC crossover network with air-coils and oil-filled capacitors. A 3-position switch permits a 5 db variation in balance between the high and low frequency sections. Power handling capacity is 75 watts. Impedance 8 ohms. Cabinet is constructed of ¾" veneer plywood and measures 12½x23½x11½". Shpg. wt., 36 lbs.

21 A 4406WX Oiled Walnut	Net 134.00
21 A 4405WX Walnut	Net 134.00
21 A 4403WX Mahogany	Net 129.00
21 A 4404WX Korina	Net 129.00
21 A 4407WX Unfinished	Net 119.00



MODEL 4

MODEL 4

An excellent performing two way loud-speaker system designed to faithfully reproduce throughout the entire audio range. The Low frequency section uses a 12 in. acoustic suspension type speaker. The High frequency speaker is a small cone-type direct radiator. Crossover network provides independent level adjustment of 5db above 1500 cycles and also above 6000 cycles. High and low frequency sections may be connected separately. Impedance 16 ohms. Shpg. wt., 44 lbs. Size: 12½Hx25Wx12"D.

21 A 4410WX Oiled Walnut	Net 231.00
21 A 4409WX Walnut	Net 231.00
21 A 4408WX Mahogany	Net 224.00
21 A 4411WX Unfinished	Net 209.00

MODEL 10

The new Model 10 offers velvety smooth response, following a standardized curve within 1½ db. A two speaker system with a special 10" high compliance woofer and direct radiating cone tweeter, housed in a compact bookshelf enclosure. Audible coloration is prevented through careful production and testing of components. Operates with a 12 watt amplifier (up to 60 watts if desired). Cabinet measures: 23½Hx11½Wx8¾"D. Finished models, finished on all four sides. Impedance: 8 ohms. Shpg. wt., 28 lbs.

21 A 4412WX Oiled Walnut	Net 94.00
21 A 4413WX Walnut	Net 94.00
21 A 4415WX Mahogany	Net 89.00
21 A 4416WX Unfinished Birch	Net 86.00



MODEL 10



MODEL 14

NEW MODEL 14

- Only 3¾" Depth
- Uses 2 Specially Designed KLH Full Range Speakers

An exceptionally fine compact loudspeaker system designed to deliver superb sound in small living areas. Suitable for floor, wall, or bookshelf installation. The Model 14 has amazing bass reproducing capabilities. Incorporates two special compliant 3" full-range direct radiators controlled by a very high ratio of magnet power to cone lightness and a passive electronic network which exactly matches your amplifier to the Model 14's low frequency power requirements. This results in a flat speaker response curve to a lower frequency than would otherwise be possible. Features low distortion and full frequency response. Impedance 8 ohms. For 12-watt amplifiers or larger. Size 14x18x3¾". Shpg. wt., 17 lbs.

21 A 4417WX Model 14 Oil Walnut	Net 49.50
21 A 4418WX Model 14 Satin Walnut	Net 49.50

TANNOY

DUAL CONCENTRIC QUALITY HI-FI SPEAKERS



12" 15" MONITOR

BELVEDERE SR. and JR.



A 15" dual concentric speaker of unusual design. Cone of woofer acts as part of exponential horn for tweeter. Frequency response from 23 to 20,000 cps impedance is 16 ohms. External crossover network with 1,000 cps crossover. Handles 50 watts with less than 2% inter-modulation distortion. Flux density 13,500 gauss in tweeter, 13,500 gauss in woofer. Resonant frequency 32 cps. 9" deep, 14½". Overall diameter, 15¼".

21 A 6401WX	Net 179.00
NEW "12" Monitor. 12" version of above. 30 watts power handling capacity. Shpg. wt., 20 lbs.	
21 A 6402WX	No Money Down Net 138.00

BELVEDERE SENIOR STEREO ENCLOSURE

Designed for the 15" Tannoy Dual Concentric loud-speaker. Constructed of 1½" bonded material, using dual damped port principle. Available in oil walnut finish. Size: 31½x23¾x16" deep. Shpg. wt., 76 lbs.

21 A 6425WX	Net 85.00
Belvedere Jr. Enclosure — designed for Tannoy 12" speaker systems. Available in oil walnut finish. Size: 26x18x12" deep. Shpg. wt., 40 lbs.	
21 A 6426WX	Net 65.00

SPEAKER SYSTEMS by FISHER



MODEL KS-1 SLIM-LINE SPEAKER SYSTEM KITS

The Fisher KS-1 Slim-line Loudspeaker System lends itself to virtually any type of installation. It can be wall mounted, placed on the floor or in a bookshelf. Composed of a 10-inch free-piston woofer with 30 CPS free-air resonance and 4-lb. magnet; 5-inch AcoustiGlas packed midrange unit. LC type 3-way crossover network. 8-ohm impedance. Supplied complete with cabinet; grille cloth, AcoustiGlas padding and instructions. Size: 18Wx24Hx5¾"D. Shpg. wt., 26 lbs.

21 A 3670WX KS-1B Speaker System Kit. Unfinished	Net 59.50
21 A 3671WX KS-1W Speaker System Kit. Walnut	Net 64.50
21 A 3672WX KS-1AB As above, Factory Assembled. Unfinished	Net 84.50
21 A 3673WX KS-1AW As above, Factory Assembled. Walnut	Net 89.50

MODEL XP-4A FREE-PISTON 3-WAY SPEAKER SYSTEM



Professional-type 3-way bookshelf system with a total of 4 speakers. Features Fisher's self-damping long travel 12" bass speaker design. Has dual matched wide dispersion 5" mid-range speakers and a 2" hemispherical cone high frequency speaker with non-directional treble response. 3-way LC crossover network. Response: 28-20,000 cps. Impedance 8 ohms. Size: 24½Wx14Hx12½"D. Shpg. wt., 60 lbs.

21 A 3674WX Scandinavian Walnut	Net 199.50
21 A 3675WX Unfinished Birch	Net 189.50

SCOTT

MODEL S-3 WIDE RANGE SPEAKER SYSTEM

as low as **119⁹⁵**



A true book-shelf speaker offering outstanding smoothness and absence of coloration of program material. The S-3 is a three-way acoustic compliance system consisting of a specially designed, low resonance woofer, a mid-range unit and a wide-dispersion super-tweeter, mounted in a matched enclosure. The unique high frequency design permits the full range to be clearly heard through most of the room, instead of being confined to a small critical space. Impedance, 8 ohms. Size: 23½Hx11¾Wx9¾"D. Shpg. wt., 37 lbs.

21 A 6080WX Oiled Walnut	Net 134.95
21 A 6081WX Unfinished Hardwood	Net 119.95

Jensen QUALITY HI FIDELITY SPEAKERS

NEW JENSEN "SIGMA" UNITARY LOUDSPEAKERS

A completely new line of Jensen 8-inch and 12-inch loudspeakers expertly engineered for top performance to the most advanced modern standards.

- Attractively-styled, Rigid Die Cast Housings
- FLEXAIR High-Compliance Low-Resonance Feature On Most Models
- High Energy SYNTAX-6 Ceramic Magnets Throughout
- Exclusive Low-Distortion Low-Crossover Thru-Bore Compression Tweeter Models
- Built-in Electrical and Acoustical Crossovers On Multiway units
- H-F Controls For Cabinet Mounting On All Multiway Units
- Coded Binding Post Terminals Make Stereo Connections Easy
- Complete Range Of Types And Prices To Suit Every Application



SG-80



SG-84



SG-88



SG-223

MODEL SG-80 8" DUAL CONE SPEAKER

A fine low-cost speaker for a variety of space saving enclosures. Sturdy die cast housing with depth of only 3 3/8". Features "Flexair" woofer with extended bass response down to 40 cycles. Concentrically mounted auxiliary cone provides clear highs to 12,000 cycles. Uses "Syntax-6" ceramic magnet. Power handling capacity 12-watts, 24-watts peak. Impedance 8 ohms. Shpg. wt., 4 1/4 lbs.

21 A 4355 Net 16.50

MODEL SG-84 8" 3-ELEMENT COAXIAL SPEAKER

A quality speaker of true coaxial design. Provides smooth natural sound. The "Flexair" woofer is combined with an auxiliary radiator and direct radiator tweeter for a response from 40-14,000 cycles. Has H-F balance control. "Syntax-6" magnet. Shallow depth, only 3 3/8 inches. Built-in crossover at 2,000 cps. Power capacity 12-watts, 24-watts peak. Impedance 8 ohms. Shpg. wt., 5 1/4 lbs.

21 A 4356 No Money Down Net 24.50

MODEL SG-88 8" COAXIAL SPEAKER WITH COMPRESSION DRIVER HORN TWEETER

A superb 2-way 8" speaker with a unique compression driver horn-loaded tweeter. Exceptionally well balanced response over the frequency range of 35 to 15,000 cycles. High compliance "Flexair" woofer and built-in electrical crossover at 2,000 cycles. Has H-F balance control, heavy, rigid die-cast frame, "Syntax-6" ceramic magnet. Power handling capacity, 20-watts, peak. Impedance 8-ohms. Shpg. wt., 5 1/2 lbs.

21 A 4357 Net 36.50

MODEL SG-223 12" REFLEX HORN COAXIAL SPEAKER

A smooth sounding true 2-way coaxial speaker with a unique horn-loaded low crossover reflex horn tweeter and high compliance resonance "Flexair" woofer. Excellent response from 20-15,000 cycles. Has high energy

MODEL SG-210 12" 3-ELEMENT COAXIAL SPEAKER

An outstanding 2-way 3-element speaker system of advanced design. "Flexair" woofer provides high compliance and low resonance. Response: 20 to 14,000 cycles. With H-F balance control, 1 pound "Syntax-6" magnet. Electrical crossover at 2,000 cycles. Power handling capacity 20-watts, 40-watts peak. Impedance 8-ohms. Shpg. wt., 10 1/4 lbs.

21 A 4358 No Money Down Net 37.50

MODEL SG-220 12" 3-ELEMENT COAXIAL SPEAKER

Offering fine sound, this speaker system features a compression-driver horn-loaded super tweeter with a mechanically coupled midrange radiator and "Flexair" woofer. Full response of 20-15,000 cycles. With H-F balance control to adjust highs; powerful 1 pound "Syntax-6" magnet. Electric crossover at 4,000 cycles. Power handling capacity 20 watts, 40 watts peak. Impedance 8 ohms. Shpg. wt., 11 1/4 lbs.

21 A 4359 No Money Down Net 49.50

MODEL SG-222 12" MULTICELL HORN COAXIAL SPEAKER

A new updated version of the famous "222" model now in a sturdy die cast frame and with powerful 1 1/4 lb. "Syntax-6" magnet. Frequency Response: 30-15,000 cycles. Compression-driver tweeter is loaded by a 6-cell horn assuring wide-angle high frequency dispersion. Low crossover of 2,000 cps. Provided with H-F control. Power handling capacity 25-watts, 50-watts peak. Impedance 8-ohms. Shpg. wt., 12 1/4 lbs.

21 A 4360 No Money Down Net 59.50

1 1/4 lbs. "Syntax-6" ceramic magnet, H-F control. Power handling capacity 30-watts, 60-watts peak. Impedance 8 ohms. Shpg. wt., 14 lbs.

21 A 4361 No Money Down Net 69.50



SG-210



SG-220



SG-222

JENSEN WOOFERS, MIDRANGE SPEAKERS AND TWEETERS



P8-RL



P-35VAH



RP-103B



P8-RM



P8-UM



P8-QF

P12-RL WOOFER

Power 20 watts, 40-2500 cps. Imp., 16 ohms. Magnet 1/2 lb. DP-Alnico-5. Size: 12 1/2" O.D.; 6 1/4" D; Cutout 10 1/2" dia. Shpg. wt., 6 lbs.

21 A 4362 Net 12.90

P8-RL WOOFER

Power 20 watts, 50-3000 cps. Imp., 8 ohms. Magnet 1/2 lb. DP-Alnico-5. Size: 8 1/4" O.D.; 4" D; Cutout 6 3/4" diameter. Shpg. wt., 3 lbs.

21 A 4363 Net 0.75

P8-QF 8" FLEXAIR WOOFER

8" FLEXAIR woofer with high compliance and long, linear travel... a full 3/4". Provides smooth, low-distortion bass down to 36 cycles in a "bookshelf" size enclosure. Use with P35-VAH or RP-103B tweeter. Crossover, 2000 cycles. Power rating, 25 watts average program. Magnet wt., 3/4 lb. Alnico 5, 16 ohms. Shpg. wt., 5 1/4 lbs.

21 A 4369 Net 22.50

RP-103B TWEETER

Compression horn type. Power 30 watts, 2000-15000 cps. Imped., 16 ohms. Size: 3" H; 7 1/2" W; 6 1/4" D. Cutout 2x6". Shpg. wt., 3 1/4 lbs.

21 A 4365 Net 16.50

Direct radiator type. Power 15 watts, 2000-14000 cps. Imp., 16 ohms. Size: 3 1/2" H x 2 1/4" D. Cutout 3 1/4" dia. Shpg. wt., 3/4 lb.

21 A 4368 Net 4.00

P-35VAH TWEETER

Direct radiator type. Power 15 watts, 2000-14000 cps. Imp., 16 ohms. Size: 3 1/2" H x 2 1/4" D. Cutout 3 1/4" dia. Shpg. wt., 3/4 lb.

21 A 4368 Net 4.00

JENSEN FAMOUS MIDRANGE SPEAKERS

P8-RM 8" M-F Unit. For upper-bass range, or mid-range in 3-way and 4-way systems. Range 200-4000 cycles. Power rating with network 40 watts, impedance 16 ohms. 1/2 lb. DP-Alnico-5 magnet. Size 8 1/2" O.D. x 5" deep. Baffle cutout 6 3/4" dia. Shpg. wt., 3 1/4 lbs.

21 A 4367 Net 12.50

P8-UM 8" M-F Unit. Low cost m-f unit, direct radiator type for 600-4000 cycle range. Closed housing prevents backside radiation. Power 30 watts. Impedance 16 ohms. 8 1/4" O.D. x 4 1/2" depth. Baffle cutout 6 3/4". Shpg. wt., 3 lbs.

21 A 4368 Net 7.50

ADVANCED DESIGN SPEAKERS FOR SLIMLINE SYSTEMS

3-P/W1 WOOFER

The 3-P/W1 woofer was especially designed for performance in modern compact enclosures. Has Jensen's molded "Polytec" plane piston radiator. Range 20 to 600 cycles. Long travel design to handle lowest frequencies without distortion. 1 1/4 lb. "Syntax-6" magnet. Rigid die cast frame with the shallow construction. Only 2 1/8" deep behind baffle. Baffle cutout 9". Overall diameter, 10 1/4". Must be used with full dividing network. Impedance 16 ohms, Power rating 25 watts.

21 A 4370 Shpg. wt., 9 1/2 lbs. Net 39.75

TW-22 TWEETER

A professional type tweeter which covers the frequency range from 2,000 to 14,000 cycles with smooth, transient-free fidelity. May be used at crossover frequencies from 2,000 to 4,000 cycles. Has die cast housing and protective acoustic screen. Mounts in 3 1/2" cut-out with radiator close to flush front in 3/4" baffle. Depth only 1 1/4". Behind baffle. Impedance 16 ohms. May be used in speaker systems rated up to 25 watts.

21 A 4371 Shpg. wt., 1 1/4 lbs. Net 9.75



Jensen HI-FI SPEAKER SYSTEMS

DELUXE 3-P SYSTEMS MAKES SOUND BETTER 7 WAYS

- 3-P Woofer Has Flat Plane Radiator—Efficient, 100% Effective Surface
- Five All-New Speakers Blend For Smooth, Full Frequency Range Coverage
- Improved Transient Response
- Two Layer Molded "Polytec" Woofer Piston Suppresses Vibrational Modes
- Woofer Piston diameter Precisely Proportioned to Match Enclosure Acoustics
- Tiny Beads Give "Polytec" Radiator (in all speakers) a Light, Interlocking, Rigid Cell Construction and Tough Surface
- Flat Piston and Shallow "Syntox-6" Ceramic Magnet Give Unusually Slim Cabinetry With Big Speaker Sound

MODEL 3-P/1 "SLIM SHELF" 5-SPEAKER, 4-WAY SYSTEM

- A new "slim shelf" system with advanced, full-size 3-P performance

Here's a brand new look for the popular "shelf" speaker system, with half the depth for a new, slim outline which simplifies placement and decor integration. Consists of a 3-P/W1 woofer with a 600 cycle crossover, a midrange speaker with a 4,000 cycle crossover, two tweeters with crossovers at 10,000 cycles, and an ultra-tweeter for 10,000 cycles and above. Includes H-F balance control. Total frequency range is 25 cycles to the upper hearing limit of the listener. A pair of "slim shelf" systems will provide the very finest stereophonic sound reproduction. Impedance, 8 ohms; power rating, 25 watts. Measures only 13 $\frac{1}{2}$ "Hx25Wx5 $\frac{1}{4}$ "D. Selected oiled walnut veneer case with rattan grille and oak trim strips. Shpg. wt., 33 lbs.

21 A 4301WX Net 119.50

3-P/2 "SUPERSLIM" 5-SPEAKER, 4-WAY PANEL SPEAKER SYSTEM

- Combines slimness with full-dimension performance
- Can be hung on wall

The 3-P/2 puts the accent on slimness in the extreme, while retaining the full-dimension performance of larger models. Only 3 $\frac{1}{2}$ " in depth, this "superslim" system opens up exciting new possibilities in decor. Can be hung tastefully on a wall, placed where a speaker never could be before. Employs the same complement of 5 speakers as that in the 3-P/1, with H-F balance control. Impedance 8 ohms; frequency range, 25 cycles to the upper hearing limit. Selected oiled walnut veneer case with rattan grille and oak trim strips. Measures 28 $\frac{1}{2}$ "Hx21 $\frac{1}{4}$ "Wx3 $\frac{1}{2}$ "D. Shpg. wt., 36 $\frac{1}{4}$ lbs.

21 A 4303WX Net 139.50

NEW! MODEL TF-4 "SLENDER-SHELF" 5-SPEAKER 4-WAY SYSTEM

A refreshingly new 5-speaker 4-way system combining full size with a slender format. The TF-4 is beautifully designed in genuine oiled walnut with custom-woven, two-tone grille fabric to harmonize with any decor. Response ranges from 25 cps to inaudibility—with crossovers at 600, 4,000 and 9,000 cycles. Sound comes from expert blending of a high-compliance Flexair woofer with heavy Syntox-6 ceramic magnet, a special 8" midrange, two tweeter units, and a Sono-Dome ultra-tweeter for highs that soar beyond audibility. High frequency control on back. Power rating 25 watts. Impedance 8 ohms. Size 16x25 $\frac{1}{2}$ x8 $\frac{1}{2}$ ". Shpg. wt., 42 lbs.

21 A 4308WX TF-4, Oiled Walnut Net 114.50
21 A 4309WX TF-4U, Unfinished Net 97.50

FAMOUS TF-3 4-SPEAKER 3-WAY SHELF SYSTEM

A remarkable combination of value and high quality performance, the TF-3 features full bass, fine balance and complete frequency range. Components: 10" special woofer with 1 lb. Alnico-5 magnet, two special 3 $\frac{1}{2}$ " midrange units, and the same ultra-tweeter as in the 3-P series. Crossover at 2,000 and 10,000 cycles; includes H-F balance control. Speaker power rating: 25 watts. Higher rated amplifiers adjusted for reasonable listening levels may be used; adequate living room sound may be obtained with a 10 watt amplifier. Impedance, 8 ohms. Dimensions: 13 $\frac{1}{2}$ "Hx23 $\frac{3}{4}$ "Wx 11 $\frac{3}{8}$ "D. Shpg. wt., 38 lbs.

21 A 4304WX Unfinished Net 79.50
21 A 4305WX In Contemporary Oiled Walnut Net 99.50

TR-9 "SLIM-SHELF" 3-SPEAKER 3-WAY SYSTEM

This fine Jensen speaker system is all-new modern design inside and out, combining wonderful ear appealing sound with slim proportioning and two-toned harmonizing custom grille fabric that is delightful to the eye. Place it on any surface, or hang it on the wall to blend perfectly with your decor. Components: special 3-P/W1 10" Woofer with powerful 1 $\frac{3}{4}$ lb. "Syntox-6" Ceramic Magnet, M-80 8" Midrange and E-10 "Ultra-Tweeter." Cross over at 600 and 4,000 cycles; includes H-F balance control. Frequency range: 30 cycles to beyond audibility. Power rating: 25 watts. Adequate living room sound obtainable with 10 watt amplifier. Impedance, 8 Ohms. Measures 13 $\frac{1}{2}$ "Hx23 $\frac{3}{4}$ "Wx5 $\frac{1}{2}$ "D. Shipping wt., 25 lbs.

21 A 4308WX Oiled Walnut Finish Only Net 89.50

DO-IT-YOURSELF SPEAKER SYSTEM KITS

KTF-3 SPEAKER KIT

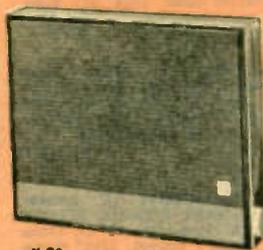
Provides the necessary speaker components for TF-3 performance in a home-built or separately bought cabinet. Kit includes the woofer, two midrange units and tweeter of the TF-3 system. Includes M-F/H-F balance control, crossover network, wiring cable, enclosure vent tube and full instructions for enclosure construction.

21 A 4354 Shpg. wt., 11 $\frac{1}{2}$ lbs. Not Illustrated Net 57.75

3 P/K SPEAKER KIT

For the economy and fun of the do-it-yourself project, the 3 P/K kit provides all the speaker components and instructions necessary to make your own superb 3-P system. Easy to connect . . . no soldering. Includes 3-P woofer, M-80 midrange, 2 TW-40 tweeters, E-10 SONO-DOME T.M. ultra-tweeter, M-1473 crossover network with H-F control and speaker leads, vent-tube for enclosure. Imp. 8 ohms.

21 A 4310WX Shpg. wt., 20 lbs. . . . Not Illustrated Net 97.50



X-20



X-11

X-20 3-SPEAKER 2-WAY "SLIM-COMPACT" SYSTEM

Here is unbelievably excellent sound quality from a new "slim-compact" speaker system that takes a minimum of space on desk, table, shelf or wall. Jensen's specially designed woofer and two tweeters provide smooth wide range sound for your listening pleasure. Refreshing decorator touch in the two-tone harmonizing custom grille fabric. Convenient volume control on side. The X-20 may be used with amplifiers having 4, 8 or 16 ohm outputs. Power rating: 6 watts; adequate room sound with 1 watt to speaker. Dimensions: 12 $\frac{1}{2}$ "Hx15 $\frac{3}{8}$ "Wx2 $\frac{1}{2}$ "D. Shpg. wt., 11 $\frac{1}{2}$ lbs.

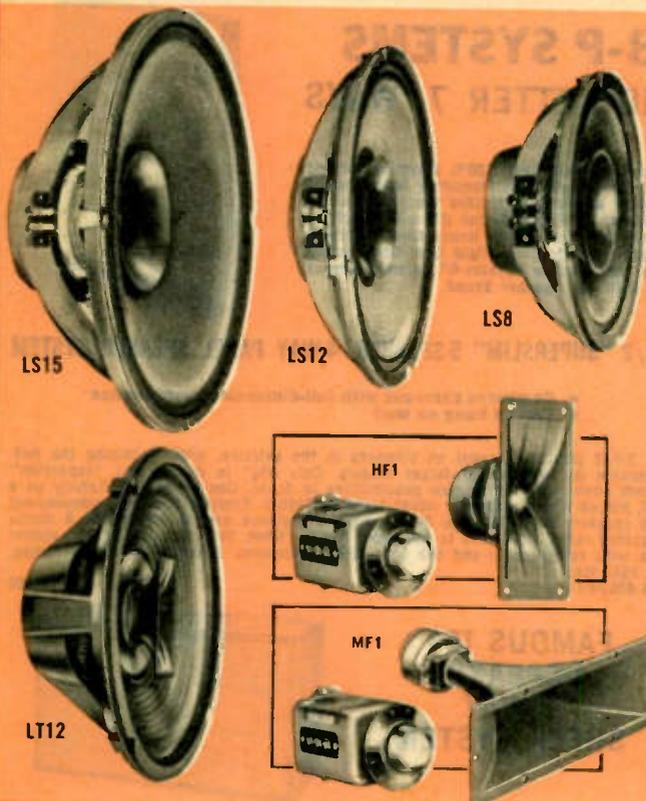
21 A 4307WX In Oiled Walnut only Net 39.95

NEW! X-11 2-SPEAKER 2-WAY SYSTEM

A 2-way system so compact you can place it anywhere in your home. Has built-in hangers on the back for easy wall mounting. Handsomely styled with two-tone harmonizing custom fabric and full-bodied sound you would expect from a larger unit. Excellent bass response from a special woofer with a new moving system, precisely matched to its diminutive enclosure. 3" tweeter provides clear highs all the way to 14,000 cps. Powerful Alnico-5 magnet. Rated 6-watts—provides adequate listening room sound with only 1 watt to speaker. Volume control on side. Finished in attractive, hand-rubbed oiled walnut. Size 6 $\frac{1}{2}$ "x13 $\frac{1}{4}$ "x4". Impedance 4 to 16 ohms. Shpg. wt., 6 $\frac{1}{2}$ lbs.

21 A 4325 Net 29.75

FAMOUS *Electro-Voice* WOLVERINE COMPONENTS



MODEL LT12 LOW-COST 12" 3-WAY SPEAKER

Today's most spectacular loudspeaker value! In every detail of design and construction the LT12 reflects superb engineering and careful workmanship—Sets a new standard of quality in the low-price field! Combines design features of Wolverine full-range speakers, plus "Deep-Dish" cone and HF1 tweeter. Frequency response 40-18,000 cps. Program power handling capacity 20 watts, 40 watts peak. Free-space resonance 65 cps. EIA sensitivity 45 db. Impedance 8 ohms. Mechanical crossover 2,000 cps, electrical crossover 3,500 cps. Built-in crossover. Three-position switch provides positive control of tonal balance. Size: 12¼" diameter x 5½" deep.

21 A 3051 Shpg. wt., 15 lbs. Net 31.36

MODEL LS15. Big speaker sound at small speaker price! This popular 15" speaker features a heavy-duty die-cast frame, a mid-range cone providing treble response up to 13,000 cps, plus an edgewise-wound voice coil. Frequency response: 35 to 13,000 cps. Power handling capacity: 20 watts. Cone Resonance: 50 cps. Impedance: 8 ohms. Mechanical crossover frequency: 4500 cps. Size: 15½" diameter x 6½" deep. Shpg. wt., 12 lbs.

21 A 3052 Net 25.97

MODEL LS12. Shallow design fits anywhere! Famous 12" speaker with dual-cone design provides unusually clean frequency response. Has a heavy-duty frame and precision-ground internal parts. Low silhouette styling permits wall or ceiling installation. Frequency Response: 40 to 13,000 cps. Power handling capacity: 20 watts. Cone Resonance: 65 cps. Impedance: 8 ohms. Mechanical crossover frequency: 4500 cps. Size: 12¼" diameter x 3½" deep. Shpg. wt., 6 lbs.

21 A 3054 Net 20.58

MODEL LS8. Ideal for Hi-Fi in every room! A favorite 8" speaker built to the same high standards as the 12" and 15" units above, the LS8 features include: Heavy-duty die-cast frame; edgewise-wound long-throw voice coil; Low silhouette design. Frequency response: 55 to 13,000 cps. Power handling capacity: 20 watts. Cone resonance 75 cps. Impedance: 8 ohms. Mechanical crossover frequency: 6000 cps. Size: 8¾" diameter x 3½" deep. Shpg. wt., 5 lbs.

21 A 3055 Net 19.11

MODEL HF1 STEP-UP KIT. Complete VHF tweeter kit. Adds sparkling brilliance to LS8, LS12 or LS15. Extends response to 18,000 cps, Improves dispersion for stereo. Complete with driver, combined crossover-level control, wiring, mounting hardware and instructions. Requires 1¾x4¼" baffle opening.

21 A 3056 Shpg. wt., 3 lbs. Net 24.50

MODEL MF1 STEP-UP KIT. Mid-range kit to complete Wolverine 3-way system. Improves presence and dispersion from 1,000 to 3,500 cps. Complete with horn, driver, crossover-level control, wiring and instructions. Requires 9½x3" baffle opening.

21 A 3057 Shpg. wt., 5 lbs. Net 28.42

DELUXE SPEAKERS by *Electro-Voice*



TRX SERIES

INTEGRATED 3-WAY SPEAKERS

MODEL 12TRX—Overall diameter 12¼". Resonance, 40 cps. 25 watts. Magnet weight, 3½ lbs. Response, 30-15,000 cps in recommended ARISTOCRAT enclosure. Mechanical crossover, 2500 cps; electrical crossover, 3500 cps. Depth behind panel, 8". Impedance, 16 ohms. Sens. rtg. 49 db. Shpg. wt., 32 lbs.

21 A 3001WX Net 127.40

MODEL 12TRXB—3-Way assembly completely wired with HF control. Overall diam. 12¼". Resonance 45 cps. 20 watts. Magnet wt., 1 lb., 2 oz. Frequency Response, 35-15,000 cps — Mech. crossover, 2000 cps; built-in electrical crossover 3500 cps. Depth behind panel 6¼". Imp., 16 ohms. Sens. Rtg. 46 db. Shpg. wt., 14 lbs.

21 A 3058 Net 68.60

MODEL 15RXB—Integrated 3-way assembly completely wired with HF Control. Overall diam. 15½". 20 watts. Magnet weight 1 lb., 2 oz. Response 30-15,000 cps. Mech. crossover 2000 cps. elect. crossover 3500 cps. Imp. 16 ohms.

21 A 3002WX Shpg. wt., 17 lbs. Net 83.30

RADAX SERIES

COAXIAL SPEAKERS

MODEL SP8B RADAX SUPER-EIGHT—8" speaker. Resonance, 55-65 cps. 20 watts. Response 35-13,000 cps. 16 ohms impedance. Sens. rtg. 45 db. Cross-over, 600 cps. 1 lb. Alnico V magnet. 8¾" diam., 7" baffle opening, 4¾" depth behind panel. Shpg. wt., 9 lbs.

21 A 3059 Net 31.36

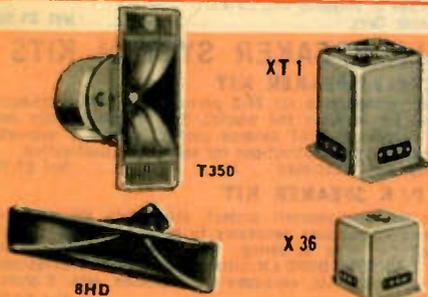
MODEL SP12B RADAX TWELVE—12" speaker. Resonance, 40-50 cps. 20 watts. Response, 30-13,000 cps. 16 ohms impedance. Sens. rtg. 46 db. Crossover, 4500 cps. 1 lb. Alnico V magnet. 12¼" diameter. 11" baffle opening 6" depth behind panel.

21 A 3060 Shpg. wt., 12 lbs. Net 36.75

MODEL SP12 RADAX SUPER-TWELVE—12" speaker. Resonance, 35-45 cps. 25 watts. Response, 30-13,000 cps. 16 ohms impedance. Sens. rtg. 48 db. Cross-over 4000 cps. 3 lbs. Alnico V magnet. 12¼" diameter. 11" baffle opening 7½" depth behind panel.

21 A 3003WX Shpg. wt., 25 lbs. Net 68.60

TWEETER, MID-RANGE HORN AND ACCESSORIES



HIGH FREQUENCY TWEETER

MODEL T350—Adds very high frequencies with extra sensitivity. For use in multiway systems having extended bass range. Response to 21 kc. Sens. Rtg. 60 db. 2 lb. magnet. 16 ohms. Recommended crossover 3500 cps. Horn. 7½" long, 2¾" wide. Pot 3½" diameter. Overall depth 4½". Shpg. wt., 9½ lbs.

21 A 3061 Net 63.70

MID-RANGE HORN

MODEL 8HD Diffraction Horn. New principle provides perfect dispersion of high frequencies through a 120° solid angle. Actual cutoff 600 cps, crossover 800 cps, eliminating cutoff disturbances. Made of fiberglass. 3¾x1¼x7½"D. Mounting hardware included. Shpg. wt., 4 lbs.

21 A 3062 Net 18.62

MODEL XT1 STEREO MIXER TRANSFORMER

Permits use of either 4-8- or 16 ohm system with feed-back loops in the voice coil secondary. The XT1 isolates the feedback potential and prevents what otherwise would be a short circuit of both amplifiers.

21 A 3063 Shpg. wt., 3 lbs. Net 13.23

LEVEL CONTROL

MODEL AT37 tweeter level control (not illus.). "L" pad type; impedance, 16 ohms. Shpg. wt., 6 oz.

CROSSOVER NETWORKS (Not illus.)

Stock No.	Type	Crossover	Sec.	Imp.	Lbs.	Net
21 A 3065	X8	800 cps	½	16 Ohms	4	33.32
21 A 3065	X36	3500 cps	½	16 Ohms	2	10.29

THE NEW *Electro-Voice* CORONET SERIES



Beautifully-Styled, Pre-Finished Loudspeaker System Kits Finished In Oiled Walnut. Can Be Assembled In 20 Minutes Without Tools.

As Low As
39⁰⁰

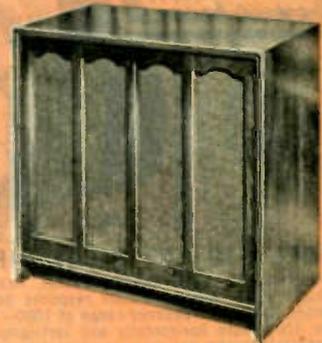
Designed around the famous Electro-Voice, Wolverine and Michigan 8" extended-range loudspeakers, the carefully designed Coronet phase inverter enclosure offers outstanding performance. Distinctive styling blends harmoniously with any decor; compact enclosure may be placed on any shelf or table. Provisions made for optional compression tweeter if desired. High efficiency permits use with any amplifier. Enclosure shipped knocked down; complete assembly can be made in 20 minutes with absolutely no tools required. Finished in Oiled Walnut with brass trim. Complete instructions for use printed on system back panel. Dimensions: 22¼Wx12½Hx10⅞"D.

CORONET I—Includes Michigan Model MCB full-range 8" loudspeaker. Frequency Response 45 to 14,000 cps. Impedance: 8 ohms. Shpg. wt., 26 lbs.
21 A 3011WX Net 39.00

CORONET II—Includes Wolverine Model LS8 full-range 8" loudspeaker. Frequency Response 50 to 13,000 cps. Impedance: 8 ohms. Shpg. wt., 26 lbs.
21 A 3012WX Net 43.50

CORONET III—Includes Electro-Voice Model SP8B full-range 8" loudspeaker. Frequency Response: 40 to 15,000 cps. Impedance: 16 ohms. Shpg. wt., 31 lbs.
21 A 3013WX Net 54.00

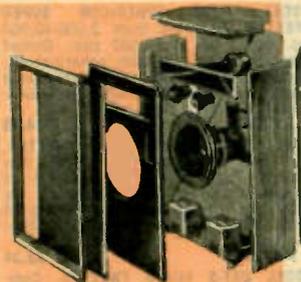
NEW DELUXE *E.V.* SIX SPEAKER SYSTEM



Features a special 18" foam cone woofer for superior low frequency response, a specially designed 8" driver for the 250 to 800 cps mid-bass frequencies, a new mid-range driver and diffraction horn combination for the 800 to 3500 cps range and a deluxe compression VHF driver and diffraction horn for high frequency response. A 4-way electrical crossover provides smooth transition from one driver unit to the next. Frequency Response: 30 to 20,000 cps. Power Handling Capacity: 35 watts program, 70 watts peak. Impedance: 8 ohms nominal. Size: 32Wx30Hx17½"D. Shpg. wt., 107 lbs.

21 A 3018WX Model 6. Oiled Walnut Net 323.40
21 A 3020WX Model 6. Mahogany Net 323.40

FAMOUS *Electro-Voice* ENCLOSURE KITS



INTERNAL CONSTRUCTION SHOWING HOW SPEAKERS MOUNT

KD6

KD6 ARISTOCRAT SPEAKER ENCLOSURE KIT

Includes all the materials required to construct the famous Aristocrat enclosure, one of the most popular enclosures ever made. Extends the bass response of many types of 12" coaxial and triaxial speakers up to one full octave. Efficiency and power handling capacity will both increase. Clear grained korina exterior wood surfaces have been prepared for finishing. Includes grille cloth, all necessary hardware and complete step-by-step instructions. Less decorative grille and trim. Size: 19Wx29½Hx15¼"D.

21 A 3006WX Shpg. wt., 36 lbs. Net 41.16

KD9 Marquis Speaker Enclosure Kit. Build-it-yourself version of Marquis enclosure. Similar to Aristocrat except for along-the-wall horn-loaded enclosure. Kit includes all necessary parts and instructions. Wood is unfinished clear-grained korina veneer. Size: 19Wx29½Hx14½"D.

21 A 3007WX Shpg. wt., 38 lbs. Net 37.24

AK6 Decorative Trim Kit. Addition of this grille and trim set will provide for your Aristocrat or Marquis enclosure a smart finished appearance. Lacquered antique brushed brass crossbar grille.

21 A 3004W Shpg. wt., 3 lbs. Net 5.39

MARQUIS 63 ENCLOSURE

- Produces Optimum Performance With Electro-Voice 12" Full-Range Speaker



The Marquis enclosure is designed to produce optimum results with separate 12-inch Electro-Voice drivers, full-range coaxial, and extended range three-way speaker networks. Compliance and cone resonance of E.V. speakers match exactly the characteristics of the cabinet. However, this enclosure also improves the operation of other 12-inch speakers. Size: 19Wx29½Hx15¼"D. Shpg. wt., 27 lbs.

21 A 3008WX Marquis 63 Enc. Oiled Walnut Net 68.60
21 A 3009WX Marquis 63 Enc. Mahogany Net 68.60



THE *E.V.* TWO

Combines a special 12" woofer in totally sealed enclosure and remarkable new compression-type high frequency driver utilizing ring diaphragm design for complete elimination of diaphragm deformation. Step-type level control provides balance adjustment for any listening room. Frequency Response: 30 to 15,000 cps. Crossover Frequency: 800 cps. Power Handling Capacity: 30 watts program, 60 watts peak. Impedance: 8 ohms. Finished on all four sides. Size: 25Wx14Hx13½"D. Shpg. wt., 28 lbs.

21 A 3014WX Model 2. Oiled Walnut Net 105.84
21 A 3015WX Model 2. Mahogany Net 105.84



THE *E.V.* FOUR

Complete new 3-way system with 12" ceramic magnet woofer for extraordinary bass. Outstanding mid-range provided by new compression driver and diffraction horn combination utilizing ring-type diaphragm. 5" dynamic cone tweeter provides extremely smooth high frequency response. Three-way etched circuit board crossover with crossover frequencies at 800 and 3500 cps. Two step-type level controls for exact listening room balance. Frequency Response: 30 to 20,000 cps. Impedance: 8 ohms. Power Handling Capacity: 30 watts program, 60 watts peak. Finished on all four sides. Size: 25Wx14Hx13½"D. Shpg. wt., 30 lbs.

21 A 3016WX Model 4. Oiled Walnut Net 133.28
21 A 3017WX Model 4. Mahogany Net 133.28



THE PRINCESS

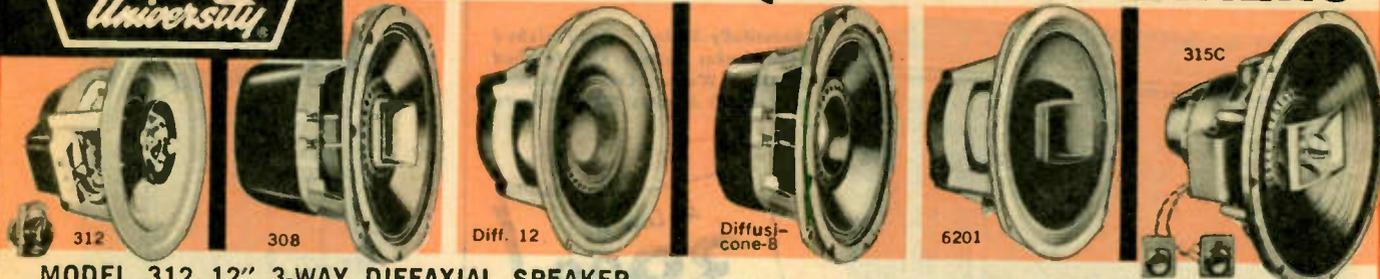
Genuine two-way system with two specially designed cone-type speakers. Unique 8x12" woofer provides unusual bass response from an enclosure so small. New 5" tweeter provides smooth high frequency response to beyond 15,000 cps. Wide-angle dispersion. Frequency Response: 60 to 15,000 cps ± 5 db. Crossover Frequency: 2000 cps. Power Handling Capacity: 20 watts program, 40 watts peak. Impedance: 8 ohms. Finished on all four sides. Size: 19½Wx10½Hx8½"D. Shpg. wt., 17 lbs.

21 A-3010WX The Princess. Oiled Walnut Net 51.94

EASY PAY PLAN SEE PAGE 412



200 SERIES QUALITY SPEAKERS



MODEL 312 12" 3-WAY DIFFAXIAL SPEAKER

Features an unusually rigid die-cast basket, heavy magnet, Diffusicone midrange and Sphericon super-tweeter. Woofer response down to 28 cps. Multielement mid-range operates over the frequency range of 1000-3000 cps. Super-tweeter disperses highs over 120°, both horizontally and vertically. Tweeter has reflector baffle to prevent interaction and possible intermodulation distortion between high and low frequencies. Cross-over network built-in, with brilliance control. Overall frequency response extends from 28 to 40,000 cps. Power rating 35 watts. Impedance 8-16 ohms. 13" diam., 6 7/8" deep. Shpg. wt., 10 1/4 lbs.

21 A 6751 Net 71.54

DIFFUSICONE-8 8" EXTENDED RANGE DIFFAXIAL

Speaker designed for quality performance in very small enclosures. Dual horn-loaded radial projector has wide spread. Frequency response 30-15,000 cps. Rated at 35 watts. Impedance 8-16 ohms. 9 1/4" diam., 4 3/8" deep. Shpg. wt., 4 3/4 lbs.

21 A 6753 Net 27.44

DIFFUSICONE-12 12" FULL RANGE DIFFAXIAL

Speaker uses the patented multielement Diffusicone midrange and a quality woofer cone on a very rigid frame, concentrically. Dual horn-loading at cone apex improves treble performance. Mechanical cross-over at 1000 cps. Frequency response 28-15,000 cps. Power rating 35 watts. Impedance 8-16 ohms. 13" diam., 6 7/8" deep. Shpg. wt., 9 lbs.

21 A 6754 Net 38.95

MODEL 308 8" 3-WAY DIFFAXIAL SPEAKER

Employs an extra large voice coil for 8" woofer, a patented Multielement Diffusicone midrange, and a compression type tweeter with "reciprocating flare" wide angle horn. Built-in electrical cross-over at 5000 cps. Frequency response 30-17,000 cps. Power rating 35 watts. Impedance 8-16 ohms. 9 1/4" diam., 6 7/8" deep. Shpg. wt., 5 lbs.

21 A 6752 Net 41.16

MODEL 6201 12" DUAL RANGE COAXIAL

Tweeter projects through the center of woofer. Separate drivers are employed for woofer and compression type tweeter. Electrical cross-over at 2500 cps with brilliance control. Frequency response from 28-18,500 cps. Power rating 35 watts. Impedance 8-16 ohms. 13", 6 7/8" deep. Shpg. wt., 10 lbs.

21 A 6750 Net 56.60

MODEL 315C SUPER 15" 3-WAY DIFFAXIAL

Woofer has double spired, anti-breakup diaphragm. Patented Diffusicone midrange operates between 1000 and 5000 cps. T-50 Hypersonic driver is centered in a "reciprocating flare," wide angle super-tweeter horn. Midrange and treble have separate balance controls. Frequency response ranges from 25 cps to inaudibility. Power capacity 50 watts. Impedance 8-16 ohms. Built-in LC cross-over. 15 1/2" diam. 12" deep. Shpg. wt., 34 1/2 lbs.

21 A 6770WX Net 152.88

WOOFERS, MID-RANGE SPEAKERS, TWEETERS, DRIVERS and CROSSOVER NETWORKS

MODEL C-8W 8" WOOFER. Budget-priced low or mid-range speaker. Freq. response, 50-5,000 cps. Impedance 8 ohms. 25-watt rating. Alnico V Gold Dot magnet. Depth, 4 1/4". Shpg. wt., 3 lbs.

21 A 6755 Net 14.70

MODEL C-12HC 12" HIGH COMPLIANCE WOOFER. Dual voice coil construction. Impedance, 4-20 ohms. Freq. response 20-3,000 cps. Rated at 50 watts. Cone resonance 20 cps. 6 7/8" deep. Shpg. wt., 9 lbs.

21 A 6756 Net 48.51

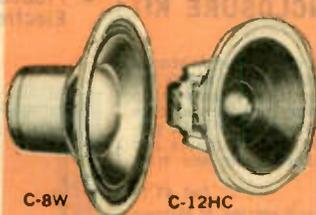
MODEL C-15HC 15" HIGH COMPLIANCE WOOFER. Employs Uniferron-7 magnet material. Response to 800 cps. Has dual voice coil. Impedance, 4-20 ohms. 60-watt rating. Depth, 8 1/4". Shpg. wt., 23 3/4 lbs.

21 A 6771WX Net 87.71

MODEL C-15W 15" DVC WOOFER. Top performing woofer using 6 lb. Alnico V Gold Dot magnet. Rated at 50 watts. Response from below 25 to 1500 cps. Impedance, 4-20 ohms. 10 1/2" deep. Shpg. wt., 26 3/4 lbs.

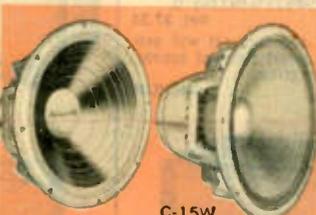
21 A 6772WX Net 83.30

WOOFERS



C-8W

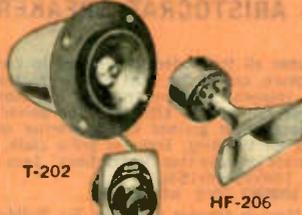
C-12HC



C-15HC

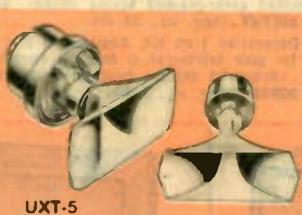
C-15W

TWEETERS



T-202

HF-206



UXT-5

4401

MODEL T-202 SPHERICON SUPER TWEETER. Operates from 3,000-40,000 cps. (± 2 db to 22,000 cps). Dorned phenolic diaphragm with spherical diffractor. Built-in network and brilliance control. 120° omnidirectional dispersion. 8 ohms, 30 watts. Shpg. wt., 3 lbs.

21 A 6757 Net 24.45

MODEL HF-206 HYPERSONIC TWEETER. 120° horizontal and 50° vertical dispersion. High frequency response to beyond audibility. N-2B network for 5,000 cps crossover recommended. 8 ohms. 25-50 watts. 6x3 1/4"x6 1/4". Shpg. wt., 3 1/2 lbs.

21 A 6758 Net 32.34

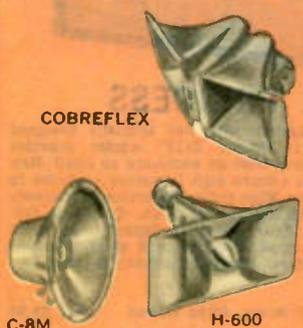
MODEL UXT-5 SUPER TWEETER. Compression driver has Alnico V magnet, coupled to "reciprocating-flare" horn for 120° horizontal x 50° vertical dispersion. For use with N-2B network. Response, 5,000-17,500 cps. 50 watts, 8 ohms. Size: 4 1/4"x2 1/2"x4". Shpg. wt., 1 3/4 lbs.

21 A 6759 Net 20.58

MODEL 4401 TWEETER. Sturdy one-piece die-cast "reciprocating-flare" horn. Response, 2,500-15,000 cps. N-2B dividing network recommended. Power rating, 25 watts. Impedance, 8 ohms. Dimensions: 6x2 3/4"x6 1/4". Shpg. wt., 2 lbs.

21 A 6760 Net 17.64

MID-RANGE SPEAKERS



COBREFLEX

C-8M

H-600

COBREFLEX TWIN-FLARE HORN. Mid-range horn for 3-way speaker systems. T-30 driver recommended. 27" exponentially-flared air column permits crossover as low as 350 cps. 120° horizontal x 60° vertical dispersion. Die-cast aluminum. 13 1/2"-18 throat. 10 1/4"x18 1/2"x9 1/4". Shpg. wt., 10 1/4 lbs.

21 A 6766 Net 23.67

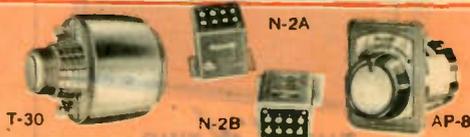
MODEL C-8M 8" MID-RANGE SPEAKER. Ideal for use as midrange unit in 3-way systems. Frequency response, 700-5,000 cps. Power rating, 50 watts. Impedance, 8 ohms. 4 1/2" deep. Shpg. wt., 3 1/2 lbs.

21 A 6767 Net 16.61

MODEL H-600 MID-RANGE AND HIGH FREQUENCY HORN. Response, 600 cps to beyond audibility. 125° horizontal and 55° vertical dispersion. T-30 driver and N-2A network recommended. Takes any driver with standard 1 3/8"-18 throat. 7 3/4"x8 3/4"x4 3/4". Shpg. wt., 2 1/2 lbs.

21 A 6768 Net 18.62

DRIVERS & CROSSOVER NETWORKS



T-30

N-2B

N-2A

AP-8

MODEL T-30 MID-RANGE AND HIGH FREQUENCY DRIVER. For use with Cobraflex or H-600 horns. Response, 350-15,000 cps. Capacity, 50 watts. 8 ohms. 1 3/8"-18 throat. 3 1/2"x3 3/4". Shpg. wt., 2 3/4 lbs.

21 A 6761 Net 29.40

MODEL N-2A CROSSOVER NETWORK. Use singly as 6 db/octave 2-way network or in pairs as 12 db/octave network. Crossover: 350 or 700 cps @ 8 or 16 ohms; 700 cps @ 4 ohms. 3 3/4"x3 1/4"x3". Shpg. wt., 2 1/4 lbs.

21 A 6763 Net 17.64

MODEL N-2B CROSSOVER NETWORK. Similar to N-2A except crossover: 1250, 2500 or 5000 cps @ 8 ohms; 2500 or 5000 cps @ 16 ohms; 2500 cps @ 4 ohms. 3 3/4"x3 1/4"x3". Shpg. wt., 2 1/4 lbs.

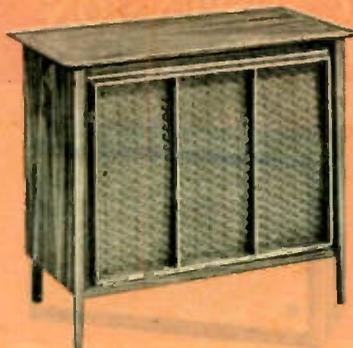
21 A 6764 Net 13.72

MODEL AP-8 BALANCE CONTROL. Ideal for use with N-2A and N-2B networks. Suits 8-16 ohms systems. Fits panels up to 3/4" thick. Shpg. wt., 7 oz.

21 A 6765 Net 3.87

THE ELEGANT University CLASSIC MARK II

A superb acoustically designed cabinet, constructed of fine woods and veneers finished in hand rubbed oil walnut.



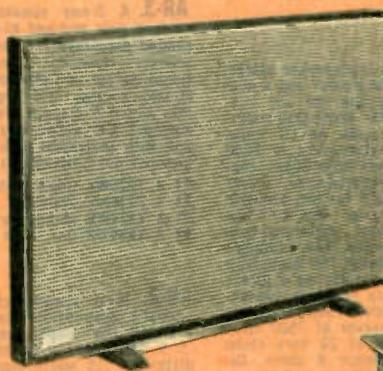
CLASSIC II 3-WAY SPEAKER SYSTEM

University has adapted 3 of its finest speaker drivers for use in its newly developed Classic System. These high quality components work in harmony delivering clean sound throughout the audio frequency range. To cover the lowest octaves a 15" heavy-duty, high compliance woofer is employed. Woofer operation is restricted to below 150 cps. Midrange emanates from an 8" direct radiator with an enclosed basket and a viscous treated cone. The Sphericon tweeter takes over at 3000 cps. System response: 15-40,000 cps. Power input 10 to 60 watts. Tastefully appointed cabinetry. Size: 35Wx28 1/4 Hx 17 1/2" D. Shpg. wt., 105 lbs.
 21 A 6701WX Oiled Walnut Net 295.00
 21 A 6702WX Walnut Net 295.00

NEW "TRI-PLANAR" 3-WAY SPEAKER SYSTEM

- Only 1 3/4" Thin

A unique slender design with true wide-range high fidelity reproduction. The frequency range of 45-17,000 cps is made possible by 2 woofer panel radiators in push-pull having a diaphragm area of 234 square inches. 2 3/4" tweeter provides brilliant yet natural highs. Sound radiates from front and rear completely surrounding the listener. Unit may be used horizontally or vertically with movable stand. Beautifully finished in oiled walnut with cone grille. Power rating 20 watts. Impedance 4-8 ohms. Size 15x23x1 3/4" D. Shpg. wt., 13 lbs.
 21 A 6703WX No Money Down Net 78.35



"TRI-PLANAR"

1 3/4" → | | ←

NEW CLASSIC DUAL 12 3-WAY SPEAKER SYSTEM

- Response: 25-40,000 cycles

A deluxe 3-way system designed to approach the performance of the renowned classic Mark II at lower cost and in a floor-space-saving hi-boy style. Uses two 12" high compliance direct radiator speakers. One functions as a woofer down to 25 cycles, the other reinforces the woofer and also provides flawless mid-range performance. The wide dispersion Sphericon tweeter assures silky highs to 40,000 cps! Power rating, 50 watts. Impedance 4-8 ohms. Includes brilliance and presence controls. Acoustically engineered cabinet—finished in oiled walnut. Size: 31 1/4 Hx 24 3/4 Wx 15 1/2" D. (Inclu. legs) Shpg. wt., 65 lbs.
 21 A 6704WX No Money Down Net 229.50



SENIOR II



DUAL-12

SENIOR II BOOKSHELF SPEAKER SYSTEM

- Finished on All 4-Sides

For natural, balanced sound—lows, middle tones, highs—all in an expanded frequency range of 30-22,000 cps. Good looking too. Fits easily on a bookshelf or floor, vertically or horizontally. Features 12" woofer, 3 1/2" mid-range and Sphericon super tweeter. Adjustable brilliance control. Impedance 8-16 ohms. Finished on all 4 sides. Size: 25x15 1/2x12 1/2" D. Shpg. wt., 44 lbs.
 21 A 6705WX Oiled Walnut Net 98.51
 21 A 6706WX Unfinished Net 87.71

UP TO 24 MONTHS TO PAY SEE PAGE 412

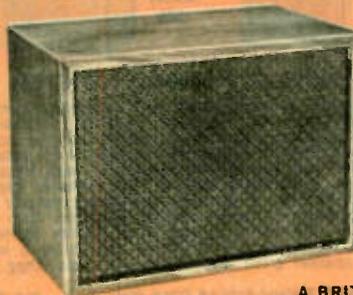
GOODMANS-"PERFECTIONIST" SPEAKER SYSTEMS

12" SPEAKER SYSTEM



MADE IN ENGLAND BY WORLD FAMOUS MASTER CRAFTSMEN

15" SPEAKER SYSTEM



A BRITISH MASTERPIECE FOR PERFECTIONISTS

SLIMFORM DEKORATOR



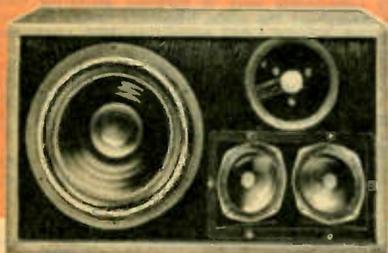
Moderately priced yet unique at any price, the Goodman's G-30 perfectionist speaker system gives you maximum listening pleasure without boom or harmonic distortion. Uses 5 speakers sealed into the striking enclosure. The 12" bass unit employs a special "Magnaform" diaphragm which produces rich full bass tones. All speakers produce linear performance with an exact frequency range of 30 to 20,000 cps and beyond to 35,000 cps. Continuous power handling capacity 30-watts 60-watts peak instantaneous musical material. Compact cabinet is beautifully finished in oil walnut and ebony black frame highlighted by 18K gold trim. Overall dimensions, 24Wx16Hx12"D. Shpg. wt., 50 lbs.
 21 A 5701WX Net 139.50

If you are looking for faithful sound, high efficiency and magnificent cabinetry then the Goodman's G40 "Perfectionist" Speaker System is for you. 5 newly designed loudspeakers have a frequency range of 25 to 35,000 cycles. The 15" bass unit employs the exclusive "Magnafoam" plastic propagator to obtain maximum linear excursion and bass response without distortion at high power levels of 40 watts or over. A 900 cycle crossover operates with a new 8" mid-HF sealed back radiator; two new 3 1/2" tweeters and wide angle compression horn for smooth treble frequencies. Master-crafted cabinet finished on all sides in oil walnut with 18K gold trim in front. Overall dimensions 28Wx20Hx12"D. Shpg. wt., 70 lbs.
 21 A 5702WX Net 189.50

The "Slimform Dekorator" offers extraordinary sound and styling. This system incorporates the latest advanced acoustic design by the finest British craftsmen. All cabinets are slim in appearance with oiled walnut finish and decorator styled grilles. The 8" and 10" woofers incorporate a Rigidflex Floating Piston Hyperbolic Cone. The 6" Mid-Range units are closed back type providing uniform response to 10,000 cps. The 3 1/2" high-freq. tweeters are designed for extended response to 17,000 cps. Power rating, 30 watts. Imp. 16 ohms. Size: 25Hx17Wx5 1/4"D. Shpg. wt., 26 lbs.
 21 A 5703WX Net 56.50
 In lots of 2 each 52.50

FOR BUDGET TERMS SEE PAGE 412

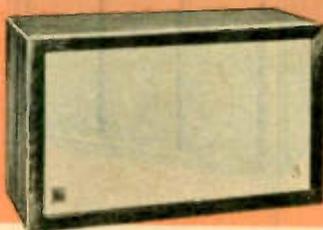
AR ACOUSTIC SUSPENSION SPEAKER SYSTEMS



AR-2a

The AR-2a is an outstanding 3-way loudspeaker system that uses a 10" acoustic suspension woofer and a dual 5" tweeter assembly for handling the low and mid-range frequencies, and a special 1 3/4" dome-type super-tweeter for the very high frequencies. An LC crossover network is employed with cross-overs at 2000 and 7500 cycles. Independent level adjustment controls for the midrange and supertweeter driver units are provided — to compensate for the acoustic characteristics of the listening area. The 10" low frequency driver produces almost distortion-free transient response down to 30 cycles. The midrange provides remarkably transparent sound. The dome-type supertweeter used in the AR-2a operates as a direct radiator having excellent frequency response characteristics — within 1.5 db of the ideal response curve from 7500 to 20,000 cycles (crossover at 7500 cps). For best performance a minimum of 20 very clean watts should be available. Impedance 8 ohms. Dimensions: 24Wx11 1/2Dx13 1/2"H. Furniture models are finished on all 4 sides. Utility model of Ponderosa pine on all four sides with birch front molding. Shpg. wt., 41 lbs.

21 A 7225WX Oiled Walnut	Net 128.00
21 A 7226WX Walnut	Net 128.00
21 A 7227WX Mahogany	Net 122.00
21 A 7228WX Unfinished	Net 108.00



AR-3. A 3-way speaker system combining the renowned new mid-and hi-frequency speakers. The dome-shaped diaphragm of these new mid-range and tweeter speakers represent a complete departure from conventional design and provides a linear response to beyond 20,000 cycles. Mid-range magnetic structure is 3.3 lbs. Alnico 5 magnet. Tweeter utilizes 1.1 lb. Alnico 5 magnet. L-C network crossover at 1,000 and 7,500 cps with individual level controls. Impedance 4 ohms. Dimensions: 14Hx25Lx11 1/2"D. Shpg. wt., 60 lbs.

21 A 7229WX Oiled Walnut	Net 225.00
21 A 7230WX Walnut	Net 225.00
21 A 7231WX Mahogany	Net 216.00
21 A 7232WX Unf. Pine	Net 203.00

AR-2. is a lower-priced system consisting of 10" acoustic suspension woofer, two 5" mid-range speakers and 1 3/4" super-tweeter. Response 42-14,000 cps. ± 5 db; down 10 db at 30 and 16,000 cps. Harmonic distortion (10 watts input) under 2% down to 60 cps under 3% down to 50 cps. 8 ohms. Woofer employs 1.1 lb. Alnico 5 magnet. Requires amplifier delivering 10 or more clean watts. Finished models have unfinished bottomsides. Dimensions: 25Wx11 1/2Dx13 1/2"H. Shpg. wt., 35 lbs.

21 A 7234WX Oiled Walnut	Net 102.00
21 A 7235WX Walnut	Net 102.00
21 A 7236WX Mahogany	Net 96.00
21 A 7237WX Unfinished Pine	Net 89.00



605A
DUPLEX



838A "CARMEL"
SPEAKER SYSTEM

854A/B Enclosure

605A DUPLEX

The 605A is a precision instrument that reproduces sound faithfully. Provides unusually smooth response, high linearity and clean transient response. Power handling capacity: 35 watts, 50 watts peak. Frequency response: 20-20,000 cps. Magnet weight: 2 1/4 lbs. (low frequency), 1/2 lb. (high frequency). Voice coil diameter: 5" (low frequency), 1 3/4" (high frequency). The exponential multi-cellular high frequency horn distributes sound 90° horizontally and 40° vertically. Impedance: 16 ohms. Shpg. wt., 44 lbs.

Net 168.00

MODEL 854A/B ENCLOSURE

An outstanding acoustical cabinet. An ideal mate for the 605A Duplex with a resultant perfect balance of size, appearance and audio quality to please the most discriminating user. Includes round legs. Size: 29 3/4Hx35Lx17 3/4"D. Shpg. wt., 70 lbs.

21 A 7601WX Walnut	Net 111.00
21 A 7602WX Mahogany	Net 111.00

838A "CARMEL" SPEAKER SYSTEM

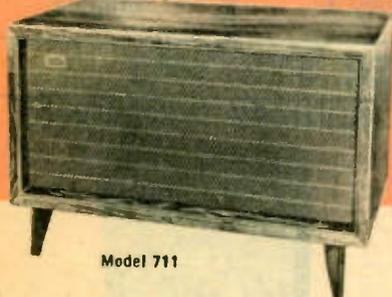
A full-size, two-way bass reflex speaker system with a guaranteed frequency range from 30-22,000 cycles. Power rating 30 watts. Uses two high compliance 414A bass speakers, an 811B sectoral horn driven by 804A high frequency driver, and an 800-cycle dividing network. N-800F ALTEC network provides the necessary crossover. Comes with round legs. Size: 29 3/4Hx35Wx17 3/4"D. Shpg. wt., 90 lbs.

21 A 7603WX Walnut Cabinet	Net 324.00
21 A 7604WX Mahogany Cabinet	Net 324.00

EMI

CUSTOM QUALITY SPEAKER SYSTEMS

IMPORTED FROM ENGLAND



Model 711

DELUXE MODEL 711 3-WAY SYSTEM

- INCLUDES PEDESTAL BASE
- FREQUENCY CONTROL PANEL ON REAR OF CABINET

Designed to give large floor model console performance from 35 to 20,000 cps. Has 4 push-button controls on the back of cabinet for accurate sound blending to room acoustics. Uses 4 hand made speaker units: A 13 1/2x8 1/4" woofer for frequencies from 35 to 1,200 cps. Its ceramic magnet is equivalent to a 7 lb. conventional magnet; A 10 1/4x6 3/4" mid-range speaker for frequencies from 1,200 to 6,000 cps; Two specially designed 3 1/2" tweeters for frequencies from 6,000 to 20,000 cps. Both the woofer and midrange speaker use patented aluminum cone with special plastic suspension. High precision crossover network operates at 1,200 and 6,000 cps. Enclosure contains two separate heavily damped compartments. Cabinet is finished on all sides including back and measures 28 3/4x15 1/4x14 1/4". Supplied with separate pedestal base which allows either horizontal or vertical mounting. System impedance is 8 ohms. Shpg. wt., 65 lbs.

21 A 5903WX Hand-Rubbed Oiled Walnut	Net 249.00
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Model 319



Model 636

MODEL 319 COMPACT SYSTEM

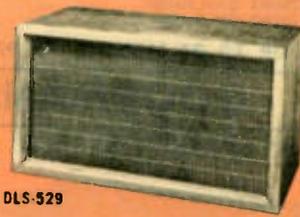
A bookshelf speaker system with remarkable performance for its price. Frequency response is essentially flat from 50 to 15,000 cps. Low frequencies are reproduced from a 13 1/2x8 1/4" woofer with patented aluminum cone and molded suspension. High frequency response is obtained from a 3 3/4" diameter ceramic magnet tweeter. A specially designed crossover network provides extremely smooth transition from lows to highs. The walnut cabinet is an infinite baffle enclosure measuring 23x11 1/2x10 3/4" and having a woven metal speaker grille. Impedance is 8 ohms. Shpg. wt., 35 lbs.

21 A 5905WX Hand-Rubbed Oiled Walnut	Net 99.75
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MODEL 630 BOOKSHELF SYSTEM

An ideal bookshelf-size speaker system measuring 20 1/2x11x9 7/8". Frequency response is relatively flat from 60 to 15,000 cps. The bass frequency unit is 10 1/4x6 3/4" incorporating a patented aluminum cone and molded suspension. The high frequency response is obtained from a 3 3/4" diameter tweeter with a ceramic magnet. A specially designed crossover network is provided for smooth transition from lows to highs. The speaker grille is made of woven metal, and the enclosure is an infinite baffle type. Impedance is 8 ohms. Shpg. wt., 25 lbs.

21 A 5906WX Oiled Walnut	Net 69.75
21 A 5907WX Unfinished Gumwood	Net 64.75



DLS-529

DUTTON DELUXE BOOKSHELF SPEAKER SYSTEM MODEL DLS-529

- FREQUENCY RESPONSE; 40 to 15,000 CPS
- WIDE-ANGLE DISPERSION
- EXCELLENT FOR STEREO

An ingenious adaptation of the much more expensive EMI professional studio monitor speaker. This new 2-cubic foot bookshelf speaker system combines a wide frequency range with superb transient response and relatively low distortion. It is capable of such faithful musical reproduction throughout the whole audio spectrum that any defects in the equipment used with it will be immediately and blatantly revealed. The woofer is EMI's exclusive, handmade 13 1/2" x 8 1/2" elliptical driver with aluminum cone and special plastic suspension. There are two 3 1/2" tweeters, specially designed with curved diaphragms. High precision crossover network designed to operate tweeters at 4500 cycles and upwards. Driver and tweeters completely and separately enclosed in a chamber with 3/4" reinforced walls. Cabinet is 24" wide x 13" high x 12 1/4" deep. Interior is designed to damp out standing waves and other spurious vibrations. Includes a carefully selected metal front grille. Impedance of system is 4 ohms. Shpg. wt., 50 lbs.

21 A 5901WX Hand-Rubbed Oiled Walnut	Net 159.00
21 A 5902WX Hand-Rubbed Satin Walnut	Net 159.00

WORLD FAMOUS SPEAKERS by Wharfedale



W-90

NEW MODEL W90 DUAL 3-WAY SPEAKER SYSTEM

An intermediate size speaker system with impressive "balanced" sound. Consists of 6 speakers with all units designed for each other and crossover settings calibrated for undistorted response through the audio spectrum. Two 12 1/2" woofers mounted in individual tuned chambers handle sound from 20 to 1,500 cycles. Two 5 1/4" mid-range and two 3" treble speakers are mounted from the rear eliminating phase distortion. Quality construction is used throughout from rigid castings of speaker baskets, to exclusive roll rimmed soft surround of bass speakers. Each range of speakers can be balanced to the listener's taste. Housed in a meticulously crafted cabinet consisting of dry sand filling between hardwood layers. It does not resonate at any frequency. Finished in oil or polished walnut, mahogany, or unfinished. (Specify choice). Size: 32 1/4 x 27 3/4 x 13 1/8". Impedance: 8 ohms. Capacity 40 watts. Shpg. wt., 130 lbs.

21 A 7511WX W90 Oiled Walnut	Net 258.50
21 A 7512WX W90 Polished Walnut	Net 259.50
21 A 7513WX W90 Mahogany	Net 259.50
21 A 7514WX W90 Unfinished	Net 244.50

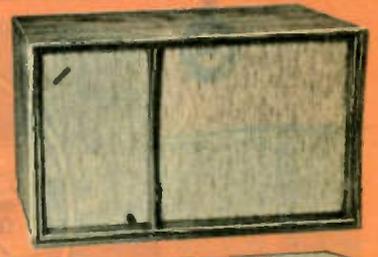
Model B67 UNIVERSAL MOUNTING BASE FOR W60, W70, and W90 SPEAKER SYSTEMS (not illustrated)

21 A 7515W Oil Walnut	Shpg. wt., 7 lbs.	Net 9.95
21 A 7516W Polished Walnut	Shpg. wt., 7 lbs.	Net 9.95
21 A 7517W Mahogany	Shpg. wt., 7 lbs.	Net 9.95
21 A 7518W Unfinished	Shpg. wt., 7 lbs.	Net 8.95

MODEL W-60 TWO-SPEAKER SYSTEM

A handsome 2-way speaker system with exclusive Wharfedale sand-filled panels permitting full, rich bass, without spurious resonance. W-60 uses a 12" speaker with 2" dia. voice coil, and 9.5 lb. magnetic assembly. Highs radiate from a 5" speaker with 1.25 lb magnetic assembly acoustically isolated from 12" driver. Impedance 8 ohms. Power rating: 30 watts continuous, 60 watts peak. Requires 5 or more watts drive. L.C. type cross-over at 1500 cps. Treble control provides 0-100% attenuation of highs. Size 14 1/4 x 13 x 24" W. Shpg. wt., 45 lbs. In true wood veneers.

21 A 7501WX W-60 Oiled Walnut	Net 116.50
21 A 7502WX W-60 Polished Walnut	Net 116.50
21 A 7503WX W-60 Mahogany	Net 116.50
21 A 7504WX W-60 Unfinished	Net 101.50



W-60

MODEL W-70 THREE-SPEAKER SYSTEM

W-70 is a deluxe, quality 3-way loudspeaker system housed in an enclosure using the exclusive Wharfedale sand-filled principle. This integrated unit is built around a 12" high compliance driver. High performance woofer has double ribbed humidity resistant spider capable of producing large linear excursions. Magnetic assembly is sulphur filled and brass bushed for rigidity. Complementing 12" driver are two additional high frequency speakers especially designed for use in the sand-filled enclosure. Result is clean uncolored sound free from spurious resonance. Impedance 8 ohms. Size: 24 1/2 x 21" W. Shpg. wt., 65 lbs. In true wood veneers.

21 A 7505WX W-70 Oiled Walnut	Net 164.50
21 A 7506WX W-70 Walnut	Net 164.50
21 A 7508WX W-70 Mahogany	Net 164.50
21 A 7509WX W-70 Unfinished	Net 146.50



W-70

RECOMMENDED WHARFEDALE SPEAKERS

SUPER 12/RS/DD. NEW, IMPROVED FULL-RANGE 12" SPEAKER. 17,000 lines flux density. Voice coil 12-15 ohms; cone resonance: 28-33 cps; power 12 watts; resp. 30-18,000 cps; depth 7". Net 89.50

SUPER 8/RS/DD. NEW IMPROVED FULL-RANGE 8" SPEAKER. Resp. 50-20,000 cps; imp. 8-10 ohms; resonance 55-65 cps; flux density 13,000 lines; power 4 watts. Net 26.50

21 A 7525 Shpg. wt., 22 lbs. Net 89.50

SUPER 3 TWEETER. Range 3,000 to 20,000 cps; imp. 8-15 ohms; flux density 13,000 lines; depth 2 3/8". Net 26.50

21 A 7527 Shpg. wt., 4 lbs.



SUPER 3



SUPER 8 RS/DD



SUPER 12 RS/DD

DISTINGUISHED AUDIO COMPONENTS by Bozak

B-207A 12" COAXIAL — 1 bass 2 treble speakers on a cast-aluminum frame. Response 40-16,000 cps, built-in crossover at 2500 cps; impedance 8 ohms; power capacity 15 watts continuous, peaks to 30 watts. OD 15" depth 7". Recommended enclosure infinite baffle 5 cu. ft. minimum, 9 cu. ft. optimum. Net 89.50

21 A 1925 Shpg. wt., 13 lbs.

B-199A 12" WOOFER — High efficiency woofer designed for top-quality 2- and 3-way speaker systems. 1 1/2 lb. Alnico V magnet assures low distortion and linear response over the entire frequency range of 30 to 4500 cycles, at a power level of 15 watts of program material. Cone resonance frequency 40 cycles, impedance 8 ohms. Net 52.50

21 A 1926 Shpg. wt., 8 lbs.

B-209A 6" MID-RANGE — For use in 3-way systems or used with the Bozak B-207A and N-10102. Response 200 to 3500 cps. Recommended crossovers 400 or 800 cps and 2500 cps. Impedance 8 ohms. for use in 50-watt systems. Voice coil 1 1/2" diam. ribbon. 1 1/2 lb. Alnico 5 magnet. 6 1/2" OD 3 1/2" deep (5 1/2" diameter cutout). Net 51.00

21 A 1927 Shpg. wt., 8 lbs.

N-10102 CROSSOVER NETWORK — (Not illustrated) 6 db per octave frequency divider. Crossovers 400, 800 and 2500 cps at 8 ohms; 800 and 2500 cps at 16 ohms. For use with B-207A and B-209A in 3-way system 8Wx8Dx5 1/2"H. Net 27.50

21 A 1928 Shpg. wt., 6 1/2 lbs.

B-200X TWEETERS — Direct-radiating paper-and-dural cones of this dual unit reproduces from 2000 to 16,000 cps. Dispersion: 120°. Power rating: 20 watts. Size: 6 1/2 x 3 3/4 x 2 1/2"D. Net 32.00

21 A 1929 Shpg. wt., 5 lbs.

B-302A URBAN 3-WAY SYSTEM

A three-way system incorporating a bass and two treble speakers in the coaxial 12" B-207A and a mid-range 6" B-209A. Useful freq. resp.: 40 to 20,000 cps. LC network crossovers; bass to mid-range, 800 cycles; mid-range to treble, 2,500 cycles. Imp. 8 ohms; power rating 20 watts. 30Hx24Wx20"D. Matte walnut finish. Net 254.50

21 A 1901WX Shpg. wt., 95 lbs.

DELUXE B-4000 SYMPHONY SYSTEM

The B-4000 spreads the orchestra across the full width of a gracious room while maintaining true perspective in width and depth. Eight special tweeters are arranged in a vertical column to disperse highs while a special 8-inch mid-range speaker provides mid-frequency response. Two B-199A's provide rich, true bass. Useful frequency response, 35 to 20,000 cycles; LC network cross-over: low to mid-range, 200 cycles; mid-range to treble, 1500 cycles; imp., 8 ohms; power, 30 watts. Size: 44Hx27 3/4Wx16"D.

21 A 1902WX Matte Walnut	Shpg. wt., 150 lbs.	Net 495.00
21 A 1904WX Genuine Mahogany		Net 495.00

B-2000 SONATA BOOKSHELF SYSTEM

A complete speaker system for shelf or table-top use. A wide-range B-800 speaker covers low and middle frequencies. Two tweeters present the highs and a specially designed cross-over network segregates the frequencies. A brightness control enables you to match the speaker characteristics to the acoustical character of the room. Useful frequency response, 50-20,000 cycles; LC network cross-over, 2500 cycles; imp., 8 ohms; power, 15 watts. Size: 14Hx23 1/4Wx11 1/8"D.

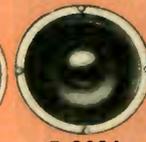
21 A 1905WX Matte Walnut	Shpg. wt., 52 lbs.	Net ea., 134.50
21 A 1906WX Genuine Mahogany		Net ea., 134.50



B-207A



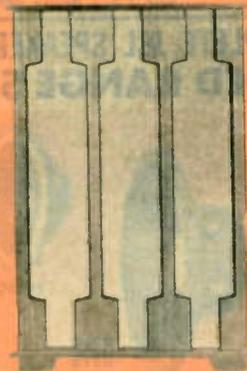
B-199A



B-209A



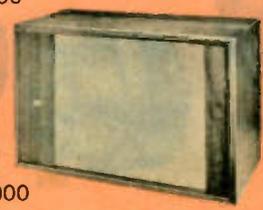
B-200X



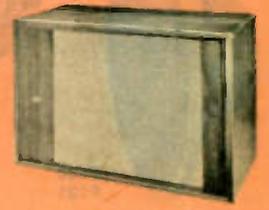
B-4000



B-302A



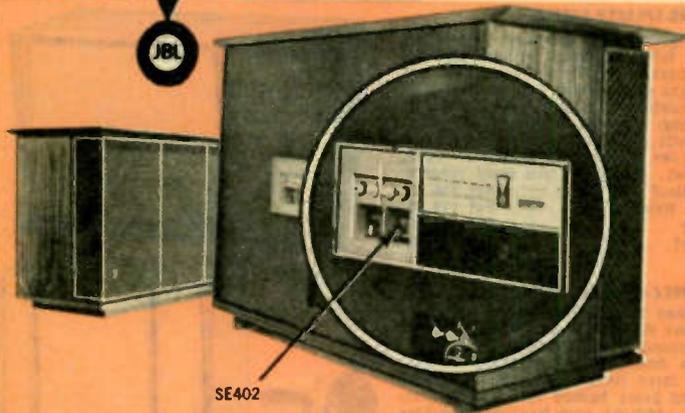
B-2000



JBL

DRAMATICALLY NEW SPEAKER SYSTEMS

NEW SOLID STATE ENERGIZER/TRANSDUCER LOUDSPEAKER SYSTEMS



SE402

The new JBL Solid State Energizer/Transducer System is a loudspeaker system matched internally with a transistorized stereo power amplifier specifically matched to the characteristics, both electrically and acoustically, to the loudspeaker system with which it is designed to function. The result is an audio reproducer in which all elements are matched for optimum performance. The JBL SE402 Solid State Energizer is the transistorized stereo amplifier which is customized to the individual JBL loudspeaker system. A special matching equalizer circuit board is supplied with the SE402 for each individual loudspeaker system for proper matching. JBL loudspeaker systems may be purchased with or without the SE402 Solid State Energizer. Since the SE402 is a specially engineered stereo power amplifier, it may be used with any standard high quality stereo preamplifier. **IMPORTANT: WHEN PURCHASING A PAIR OF JBL LOUDSPEAKER SYSTEMS WITH THE SE402 SOLID STATE ENERGIZER, YOU REQUIRE ONLY ONE SPEAKER WITH THE SE402, and one without. The SE402 Energizer included in one of the speaker systems will supply stereophonic audio power to both speaker systems.** Advantages of the SE402 Solid State Energizer/Transducer—negligible heating, no microphonics, elimination of output transformers, designed to be housed within the speaker system enclosure. Precise mating of damping factor produces bass response remarkably close to the original performance. Short-circuit-proof design eliminates fuse changes and damaged transistors.

TRIMLINE 54 SPEAKER SYSTEM



LANCER 66 SPEAKER SYSTEM



TRIMLINE 54 SPEAKER SYSTEM

The Trimline 54 features the passive low frequency radiator concept of reflex enclosure design which doubles the effective radiating area at low frequencies by coupling an LE8T 8" linear efficiency extended range transducer and a new 8" passive radiator to a rigid acoustically engineered enclosure. Allows super-

ior performance, low distortion and increased power handling capacity. 8 ohms impedance handles 25 watts. With brackets for wall mounting. Finished on all 4 sides for vertical or horizontal free-standing placement. Size: 20Wx23¼Hx5¼"D. Shpg. wt., 34 lbs. 21 A 4601WX Trimline 54—Oiled Walnut Net 177.00

TRIMLINE E/T54 SPEAKER SYSTEM

Trimline 54 System as above but with JBL SE402 Solid State Energizer and Matching Transducer Equalizer. NOTE: For stereo systems you require only 1 E/T54.

with Model SE402, and 1 regular 54 System. Shpg. wt., 47 lbs. 21 A 4602WX Trimline E/T54—Oiled Walnut Net 333.00

LANCER 66 SPEAKER SYSTEM

Deluxe quality bookshelf system with JBL linear efficiency loudspeakers integrally installed. A two-way system with 10" long-throw woofer and new direct radiator tweeter. The loudspeakers used are

not available separately. Size: 12¾Wx23¼Hx12¾"D. Shpg. wt., 47½ lbs. 21 A 4603WX Lancer 66—Oiled Walnut Net 147.00

LANCER E/T66 SPEAKER SYSTEM

Lancer 66 Speaker System as above but with JBL SE402 Solid State Energizer and Matching Transducer Equalizer. NOTE: For stereo systems you require only

1 E/T66, with Model SE402, and 1 regular 66 Speaker System. Shpg. wt., 60 lbs. 21 A 4604WX Lancer E/T66—Oiled Walnut Net 363.00

D51-001-2 APOLLO SPEAKER SYSTEM

This elegantly styled JBL enclosure is built to the finest standards of painstaking cabinetwork. With the JBL D130 15" extended range loudspeaker, 175 DLH high frequency driver and N1200 crossover network, the Apollo reproduces music with clarity which

must be heard to be believed. Size: 26½Wx26½Hx18"D. Shpg. wt., 87 lbs.

21 A 4605WX D51-001-2 Apollo System—Oiled Walnut Net 498.00

D51-001-2E/T APOLLO SPEAKER SYSTEM

D51-001-2 Apollo Speaker System as above but with JBL SE402 Solid State Energizer and Matching Transducer Equalizer. NOTE: For stereo systems you require only 1 E/T Apollo Speaker System, with Model SE402,

and 1 regular Apollo Speaker System. Shpg. wt., 100 lbs.

21 A 4606WX D51-001-2E/T Apollo System—Oiled Walnut Net 714.00

D51-001-2 APOLLO SPEAKER SYSTEM



LAFAYETTE STOCKS COMPLETE JBL SPEAKER, SPEAKER SYSTEM AND SPEAKER CABINET LINE. EXTENDED RANGE SPEAKERS and SYSTEMS

JBL



D130 D131

D123

D208 D216

075

LE14C

LE8T

JBL SPEAKERS, TWEETER and CROSSOVER NETWORK

- D131 12" SPEAKER. Response: 30-17,000 cps; capacity, 20 watts; resonance, 39 cps, 16 ohms. 5" deep. Shpg. wt., 21 lbs. 21 A 4625WX Net 96.00
- D130 15" SPEAKER. 15" version of above. Response: ± 5 db 30-17,000 cps. Cap: 25 watts; depth: 5¾". Shpg. wt., 22½ lbs. 21 A 4626WX Net 102.00
- D123 12" SPEAKER. Response: 30-15,000 cps; Cap: 20 watts; resonance: 35 cps, 16 ohms. Depth: 3¾". Shpg. wt., 12 lbs. 21 A 4651 Net 72.00
- D208 8" SPEAKER. 8" version of D130. Resp: 40-13,000 cps; Cap: 12 watts; resonance: 55 cps, 8 ohms. 2¾" deep. Shpg. wt., 6 lbs. 21 A 4652 Net 36.00
- 21 A 4653 Same as D208 but 16 ohms Net 36.00
- 075 TWEETER. For 2-way systems crossing over from 2500 cps. Impedance, 16 ohms. Shpg. wt., 6 lbs. 21 A 4654 Net 63.00
- N2800 DIVIDING NETWORK. For use with 075 tweeter and speakers above. Impedance 16 or 32 ohms. 4¾x6x3¼". Wt., 3¾ lbs. Not illus. 21 A 4656 Net 27.00

LINEAR EFFICIENCY SPEAKERS

- LE8T 8" HI-FI SPEAKER. Response: 30-15,000 cps; power handling capacity, 20 watts; impedance: 16 ohms; depth: 4¾". Non-resonant rigid, cast aluminum frame. Shpg. wt., 11 lbs. 21 A 4657 Net 66.00
- LE14C 15" LINEAR EFFICIENCY SPEAKER. Deluxe speaker featuring 15" woofer and concentrically mounted high frequency radiator. Reproduces entire audio spectrum. Shpg. wt., 24 lbs. 21 A 4627WX Net 150.00

LAFAYETTE

NEW

Criterion®

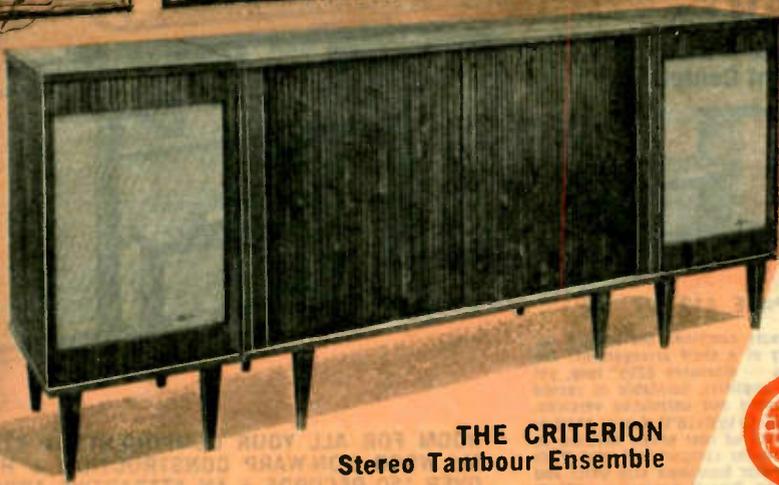
Deluxe Hi-Fi CABINETRY

... to decorate your home with music

LAFAYETTE'S CRITERION LINE—
the standard of construction and design by which all others are judged.



THE CRITERION Stereo Tambour Ensemble



The Technical Know-How of Lafayette's Audio Engineers Combined with that of America's Finest Furniture Craftsman, bring to you the new Lafayette Criterion Line of Acoustically Correct Hi-Fi Furniture.

Now your high fidelity listening area can look as good as it sounds. Add the elegance, grace and timeless styling of this decorator inspired furniture grouping to your home music center, but lose nothing in performance. Painstaking acoustical design by Lafayette's audio engineers provides the best possible relationship between equipment and furniture. The meticulous custom craftsmanship, rich, matched, natural wood veneers and custom hand-rubbed finishes of these fine cabinets are bound to please the most discerning taste.

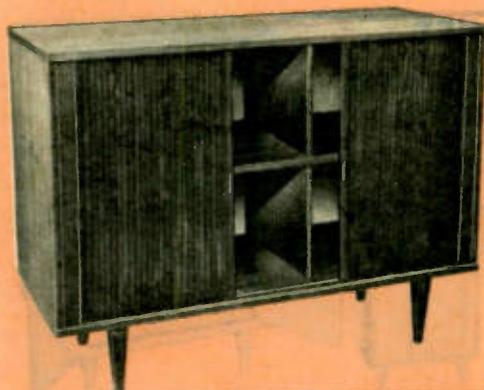
For Full Details Of Individual Cabinets See Description Below

8950
NO MONEY DOWN

THE Criterion® TAMBOUR EQUIPMENT CABINET

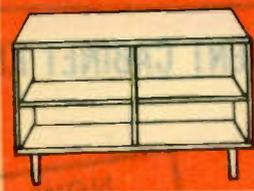
Classic simplicity and elegance together with truly functional design characterize this new equipment cabinet. "Component Engineered" by Lafayette's audio experts to provide ample, convenient, well-ventilated accommodations for all of your components. When matched with its companion Criterion Elliptoflex speaker enclosure (described below) it forms a complete music center and perfectly matched furniture ensemble. The construction and design reflect the quality contained in these units: cabinets employ rigid tongue and groove construction of 3/4" lumber core woods throughout, with matched veneers inside as well as out. Smartly styled with tambour sliding doors and tapered legs for graceful, decorative harmony, as well as for room space saving. Four compartments provide space for housing turntable or changer, amplifier, tuner, etc. with room for record storage. Available in your choice of five finishes. Overall Dimensions: 44Wx18Dx32 1/2"H including legs. Shpg. wt., 70 lbs.

CAB-157WX Walnut	Net 89.50
CAB-158WX Oiled Walnut	Net 89.50
CAB-159WX Mahogany	Net 89.50



Interior Dimensions each upper compartment
10"Hx19 1/2"Wx16 3/4"D

Interior Dimensions each lower compartment
12 1/4"Hx19 1/2"Wx16 3/4"D



THE Criterion® ELIPTOFLEX SPEAKER CABINET

The same graceful, timeless styling and fine construction as the CRITERION equipment cabinet, which it matches. Designed to accommodate any 12" speaker, this enclosure incorporates the inner construction and acoustic principles of the famous Lafayette "Elliptoflex" enclosure. A specially designed elliptical port with diffracting ring broadens frequency response, increases transient response and eliminates cancellation effects between front and rear radiation. This results in low distortion, natural smoothness and unequalled performance in the low ranges. Constructed of 3/4" lumber core woods with hand-rubbed natural wood veneers. Smartly styled with matching grille cloth, decorative tambour borders, and tapered legs. Overall Dimensions: 32 1/2"Hx18Dx16"W. Shpg. wt., 50 lbs.

CAB-160WX Walnut	Net 59.50
CAB-161WX Oiled Walnut	Net 59.50
CAB-162WX Mahogany	Net 59.50

NOTE: For those who have a space problem Lafayette offers the Elliptoflex speaker enclosure in bookshelf size. A complete range of finishes to match the CRITERION equipment cabinet. See Index for listing.

5950
NO MONEY DOWN

DECORATOR GROOVED BORDERS



EASY PAY PLAN SEE PAGE 412

LAFAYETTE HI-FI COMPONENT SHELF/CONSOLE

Decorator Inspired!!

Group your Components Into A Distinctive, Custom Home Entertainment Center.

47⁵⁰

OILED WALNUT FINISH

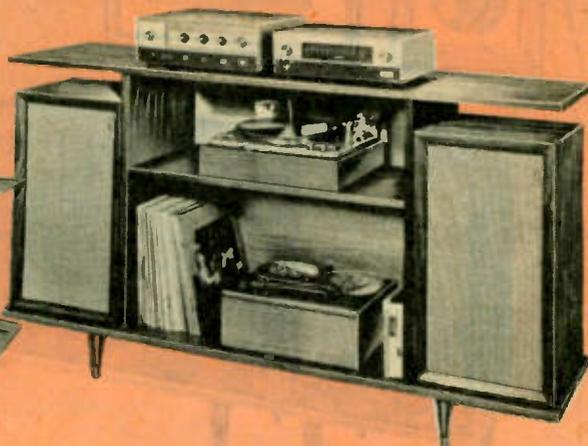
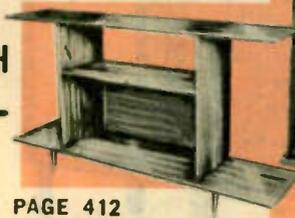
NO MONEY DOWN

28⁹⁵

UNFINISHED

NO MONEY DOWN

FOR BUDGET TERMS SEE PAGE 412



As functional as it is beautiful, this new Lafayette Shelf Console combines the beauty and compact all-in-one convenience of a console with the versatility of a shelf arrangement. The ideal answer to your Hi-Fi Stereo component placement problems — measures 62½" long, yet holds over 150 records with more than enough room for your amplifier, turntable or record changer, tape deck and stereo speakers. Available in both finished and unfinished versions. Both feature ¾" warp-proof construction. Top shelf measures 11Hx31½Wx16"D. Lower shelf is 15¼Hx15½Dx31½"W and to protect your records contains a veneered rear panel, finished on both sides to allow placement of the unit as a room divider. Speaker compartments are 27Hx16Dx14¼"W—Large enough to accept virtually all of today's popular bookshelf size units and are spaced far enough apart to provide proper separation for stereo. Overall dimensions: 62½W x16Dx33¼"H including 5" legs. Shipped knocked down—Assembles in minutes. Shpg. wt., 65 lbs. CK-37WX Oiled Walnut Finish on Genuine Walnut Veneered Flake Core Net 47.50
CK-36WX Unfinished Flake Board Net 28.95

- ROOM FOR ALL YOUR COMPONENTS • STURDY ¾" WOOD NON-WARP CONSTRUCTION • HOLDS OVER 150 RECORDS • AN ATTRACTIVE ADDITION TO ANY HOME - PLACE ALONG A WALL OR USE AS A ROOM DIVIDER

LAFAYETTE CUSTOM CRAFTED EQUIPMENT CABINET

BEAUTIFUL CABINETRY DESIGNED TO ENCLOSE YOUR COMPONENTS

NO MONEY DOWN

- Available In A Variety Of Fine Finishes • Rigid ¾" Wood Warp-Proof Construction • Genuine Walnut Veneer Outside and Inside • "Component Engineered" To Provide Adequate Circulation For Your Equipment

52⁵⁰

UP TO 24 MONTHS TO PAY SEE PAGE 412

A magnificent example of contemporary furniture design — it's slender, graceful styling is sure to win approval in virtually every fine music room/living room arrangement. Features rigid ¾" wood warp-proof construction with two adjustable center shelves to accommodate virtually any amplifier and tuner. The bottom

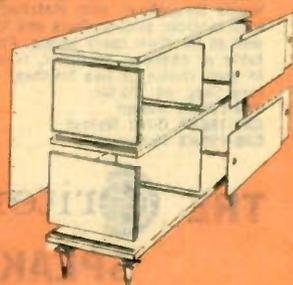
section has room for a pull-out drawer to provide easy access to your record changer. Proper circulation of air around components is maintained by use of a perforated rear panel. Precision fitted swing-out front doors are equipped with magnetic latches. Size: 33¼"H overall (including 5" legs) x18Dx20"W.

CAB-151WX Oiled Walnut Finish on Genuine Walnut Veneered Flake Core Net 52.50
CAB-152WX Lacquered Walnut Satin Finish Net 52.50



Easy To Assemble

LAFAYETTE CUSTOM CRAFTED EQUIPMENT CABINET KIT



- ¾" Furniture Grade White Birch
- Fine Contemporary Styling
- Room For All Your Components
- Holds Up To 150 Records

Outstanding Value!

FOR BUDGET TERMS SEE PAGE 412

NOW
39⁹⁵
NO MONEY DOWN

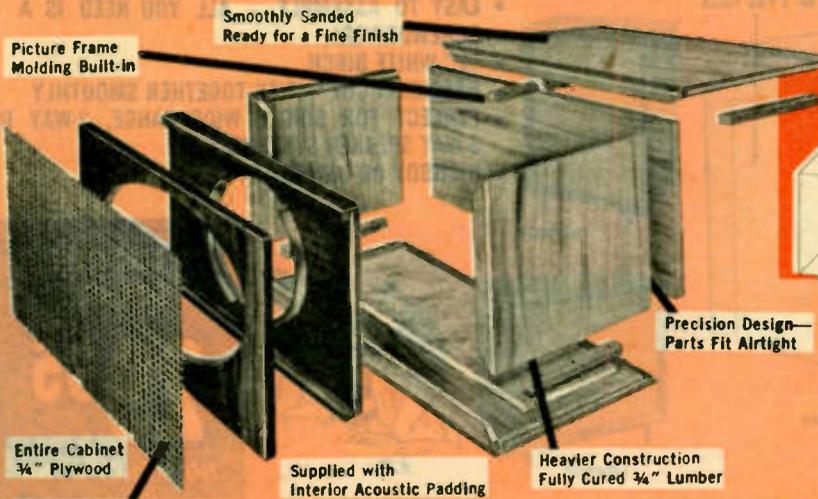
BUILD THIS ATTRACTIVE EQUIPMENT CABINET YOURSELF AND SAVE! You needn't be a skilled cabinet maker, you don't even need special tools. An evening of your time and a simple screwdriver is all that's required to assemble this tasteful, functional cabinet. The slim low silhouette styling will enhance any room or decor and is engineered to accommodate all of your components plus room for 150 records. Constructed of ¾" furniture grade white birch ready for finishing. Back is of ¾" perforated hardboard to ensure adequate ventilation for equipment. Features include sliding doors with brass finger pulls plus 5" brass ferruled legs. Four spacious compartments are

provided each measuring 13"Hx16½"Dx16½"W. An adjustable shelf kit for positioning components and a slide out drawer for record changers are available at extra cost. Overall size 33¼"Hx36"Wx18"D including 5" legs. Complete with detailed illustrated instructions, all parts and hardware.
CK-32WX Shpg. wt., 40 lbs. Net 39.95
Accessory Panel or Shelf Kit — Use as shelf or front panel for components. 13x16½x¾" CK-33 Shpg. wt., 4 lbs. Net 1.65
Slide-out drawer for record changers — Installs easily in compartment. Slides extend drawer to 10¾". 16x16x3½" PK-47W Shpg. wt., 8 lbs. Net 6.95

THE FAMOUS LAFAYETTE **ELIPTOFLEX** SPEAKER CABINET

READY-TO-FINISH, EASY-TO-ASSEMBLE KIT FORM

AS LOW AS **21⁵⁰**



Picture Frame Molding Built-in

Smoothly Sanded Ready for a Fine Finish

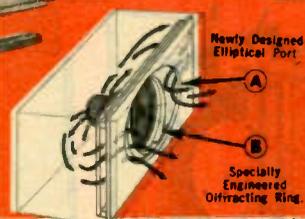
Entire Cabinet 3/4" Plywood

Decorative Acoustic Grille

Supplied with Interior Acoustic Padding

Heavier Construction Fully Cured 3/4" Lumber

Precision Design—Parts Fit Airtight



Newly Designed Elliptical Port
Specially Engineered Diffraction Ring



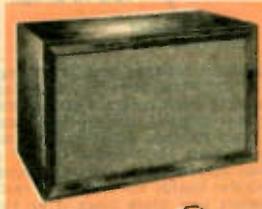
FRONT VIEW



SIDE VIEW

PHENOMENAL ELIPTOFLEX PERFORMANCE

The loudspeaker is mounted on a recessed baffle board extending partially across the front surface of the cabinet forming ducts or tubes. The elliptical cutout varies the effective length of the duct across its area and provides an extremely smooth transition from duct to free air; broadens frequency response, provides better transient response. A triangular shaped diffracting ring virtually eliminates undesirable cancellation effects and acts as a "lens," changing relative particle velocities and consequently, phase relationships so as to produce a smooth transition from front to rear radiation.



HERE IS THE ELIPTOFLEX COMPLETELY ASSEMBLED

A Bookshelf-Size Enclosure Engineered by Lafayette Research — ASSEMBLE IT, FINISH IT, and SAVE!

- The Same Speaker Cabinet That Set A New Standard of Excellence • Utilizes the Full Advantages of Efficient 12" Speaker Performance • Provides Optimum Performance Without Use of Expensive Large Wattage Amplifiers • 3 Sides Prepared For Finishing. For Horizontal Placement

This is the same Lafayette Eliptoflex Speaker Cabinet that set a new standard of speaker enclosure excellence—now available in ready-to-finish easy-to-assemble kit form. The easy-to-follow instruction sheet, with large pictures, guide you step-by-step for easy assembling. When completely assembled and highlighted with your favorite finish—you'll be amazed at the professional looking results.

You'll also appreciate the engineering excellence of this speaker cabinet. The Eliptoflex utilizes a unique elliptical port which broadens frequency response and provides better transient response. A specially engineered diffracting

ring eliminates cancellation effects between front and rear radiation. The "Eliptoflex" achieves a degree of natural smoothness, low distortion and rich robust bass. Due to its highly efficient design characteristics, costly high wattage amplification not required. The KIT is available in either ready-to-finish birch or in ready-to-finish genuine walnut veneer. Assembled the "Eliptoflex" measures 14Hx 23 7/8Wx13 1/2"D. Shpg. wt., 24 lbs.
 CK-14AWX Ready-To-Finish Kit in Birch Net 21.50
 Ready-To-Finish Kit with Walnut Veneered Acoustically Correct Flake Core. Net 24.50
 CK-34WX



U.S. PATENT NO. 3089562

EASY TO ASSEMBLE!

Lafayette BASS REFLEX SPEAKER BOOKSHELF ENCLOSURE KIT FOR 8" or 6" SPEAKERS

AS LOW AS **10⁹⁵**

- Precision Cut — Fits Together Smoothly
- Adapts For 8" or 6" Speakers
- Easy To Follow Pictorial Instructions
- Versatile — Use As Floor or Bookshelf Enclosure

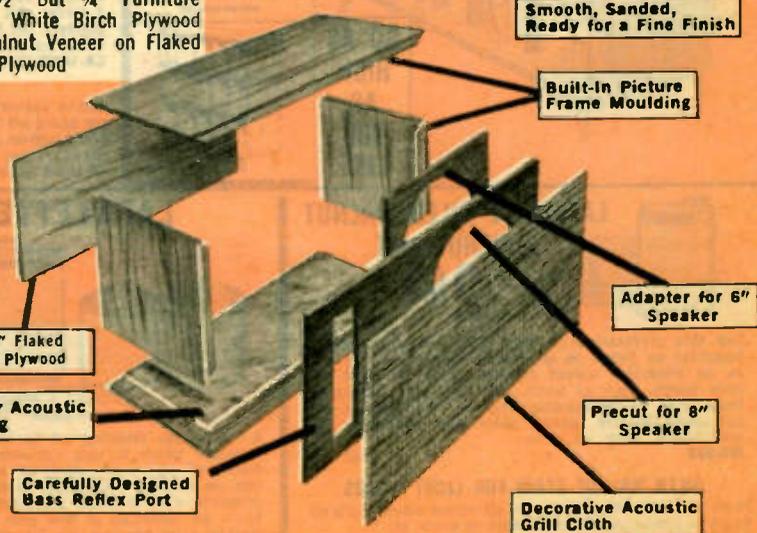
BUILD IT YOURSELF ... All that's required to construct this excellent bookshelf speaker enclosure is a screwdriver and thirty minutes of your time. Expensive wood-working equipment isn't needed—each cabinet component has been precision cut and fits together perfectly. There's nothing else to buy ... acoustic padding, grill cloth and hardware are provided. Use any 8" or 6" speaker; the mounting board has been precut for 8" speakers and an adapter is supplied for 6" speakers.

Designed for horizontal placement in a bookshelf, along a wall, etc. Constructed of 3/4" plywood on 3 sides with handsome picture frame molding. (See Lafayette's professional finishing kits). Dimensions: 23x9 1/2x11". Available in either birch or walnut unfinished veneers.
 CK-31WX Birch Kit Shpg. wt., 15 lbs. Net 10.95
 CK-35WX Walnut Veneered Flake Core Kit Net 13.95
 Speakers for Lafayette CK-31 Cabinet Kit. Lafayette 8" Duo-Cone Speaker; 40-16,000 cps response.
 SK-98 Shpg. wt. 5 1/2 lbs. Net 9.95
 Lafayette 6 1/2" Coaxial Speaker; 50-16,000 cps response.
 SK-97 Shpg. wt., 3 1/2 lbs. Net 8.95

Assembles in Less Than 30 Minutes!

Not 1/2" But 3/4" Furniture Grade White Birch Plywood or Walnut Veneer on Flaked Core Plywood

Smooth, Sanded, Ready for a Fine Finish



Built-in Picture Frame Molding

3/4" Flaked Core Plywood

Interior Acoustic Padding

Carefully Designed Bass Reflex Port

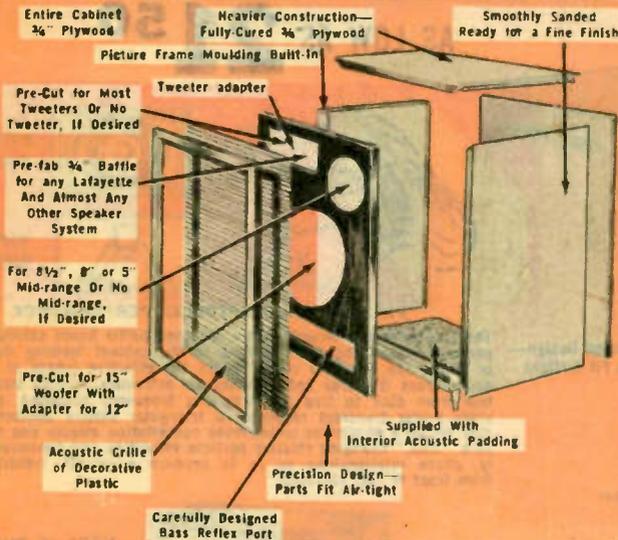
Adapter for 6" Speaker

Precut for 8" Speaker

Decorative Acoustic Grill Cloth

BUILD-YOUR-OWN EASY-TO-ASSEMBLE LAFAYETTE SPEAKER ENCLOSURES

LAFAYETTE UNIVERSAL HI-FI BASS REFLEX ENCLOSURE KITS



- EASY TO ASSEMBLE — ALL YOU NEED IS A SCREWDRIVER!
- 3/4" WHITE BIRCH
- PRECISION-CUT — FITS TOGETHER SMOOTHLY
- PERFECT FOR SINGLE WIDE RANGE, 2-WAY OR 3-WAY SPEAKER SYSTEMS
- HIGHBOY OR LOWBOY STYLE



A LAFAYETTE BEST BUY

29⁹⁵

NO MONEY DOWN

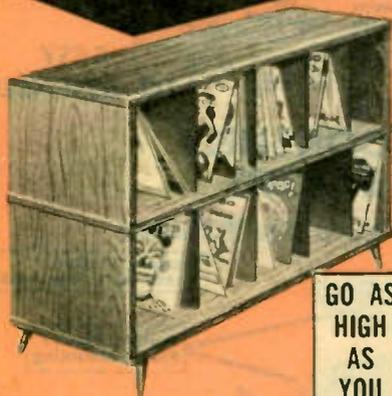
All pieces of these carefully designed bass reflex high fidelity speaker enclosures are accurately precut of 3/4" Plywood to fit snugly together and eliminate spurious resonances. Surface is white birch veneer. Front panels have picture-frame moulding and plastic acoustic grilles to blend with any finish and room decor. Tapered offset legs are protected by brass ferrules. Acoustic lining material prevents reverberation and cabinet resonance. Cutouts are provided for 15" speaker plus adapter for 12" 8 1/2" or 8" midrange plus adapter for 5" and blank wood block if no midrange speaker is used; cutout with adapter boards for 2 sizes of rectangular and 3 sizes of round compression horn tweeters plus blank block if no tweeter used. Thus, any single

wide-range 12" or 15" speaker may be used, or any Lafayette 2- or 3-way speaker system, or almost any other combination of speakers. Kits are supplied unfinished, smoothly sanded and ready for finishing. The lowboy-style cabinet dimensions are (less legs) 28 7/8" x 23 1/2" x 16" D; legs are 5" high. Highboy has same dimensions with height and width interchanged. Instructions, all parts, hardware, and grille are included. Shpg. wt., 54 lbs.

CK-10WX Unfinished Highboy Enclosure Kit Ne 29.95

CK-11WX Unfinished Lowboy Enclosure Kit Ne 29.95

Easy To Assemble



GO AS HIGH AS YOU LIKE

GENUINE 3/4" WALNUT PLYWOOD RECORD CABINET AND ADD-ON KIT COMPLETE WITH MATCHING LEGS



- Each Cabinet Holds 125 LP's
- Add-on-unit Doubles the Capacity
- Precision-machined for Easy Assembly
- Genuine Walnut Veneer on Lumber Core Sides and on Flake Core Top and Bottom

RECORD CABINET KIT **21⁹⁵** WALNUT

ADD-ON CABINET KIT **16⁷⁵** WALNUT

Now you can store all your phonograph records in a handsome furniture piece that adds to the decor of your home. Constructed of genuine walnut veneer on lumber core sides and on Flake Core Top and Bottom you can stain or finish. Expertly precision-machined at the factory—even the screw holes are set. Complete with four 5" legs, 4 ferrules, 4 brackets, 4 glides. Kit also consists of 2 side pieces, bottom, top, 3/4" masonite back plate and 4 dividers. All hardware included—all you need is a screwdriver. Complete assembly instructions. Assembled, off legs, the cabinet measures 30Wx14Dx14 1/2"H. Shpg. wt., 34 lbs.

ADD-ON CABINET

Add-on cabinet gives you double the space without doubling the price. You simply take the top board off the record cabinet, put on the add-on cabinet, and use the top board as the top of the add-on cabinet. Add-on unit kit consists of 2 sides, bottom piece, back plate, 4 dividers. Hardware and instructions included. Assembled it measures 30" wide, 14" deep, 13 3/4" high. CK-16WX Walnut Unfinished Cabinet Kit with Birch Legs in Walnut Finish Net 21.95



LAFAYETTE OILED WALNUT FINISHING KIT

269

Use this professional walnut oiling kit to achieve a beautiful oil finish on all walnut furniture... as well as an attractive walnut colored finish on light colored woods, such as birch. Materials are identical to those used by professional finishers; kit contains walnut oiling mixture, walnut paste wax, sandpaper and instructions. Shpg. wt., 2 lbs.

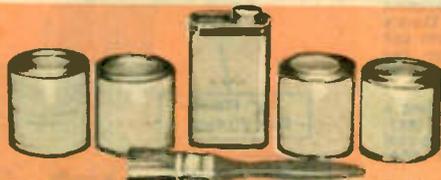
MS-592 Net 26.99

OILED WALNUT STAIN FOR LIGHT WOODS

To be used with MS-592 for an attractive walnut-colored finish on light-colored woods, such as birch, etc.

MS-931 Shpg. wt., 1 lb. Net .89

LAFAYETTE PROFESSIONAL FINISHING KITS



- TRULY PROFESSIONAL FINISH
- COMPLETE WITH EVERYTHING YOU NEED

350

- EASY TO-FOLLOW INSTRUCTIONS

A real deluxe finishing kit containing all you need to give a professional furniture finish to your cabinets. There is nothing extra to buy and no mixing of ingredients required. Kit contains 2 cans of high gloss varnish, and one each of filter-stain, sealer, and solvent, brush and sandpaper plus complete easy-to-follow directions for obtaining various types of finish. You'll be surprised at how your finished cabinet will compare with commercial work because the kit was designed by professional woodworkers. Shpg. wt., 6 lbs.

Stock No.	Finish
MS-584	Walnut
MS-585	Mahogany
MS-586	Fruitwood
MS-587	Cherry
MS-588	Golden Oak
MS-698	Maple
MS-697	Harvest Wheat
MS-589	Ebony

CUSTOM HI-FI INSTALLATION ACCESSORIES

TAPERED LEGS IN HARDWOOD, BRASS AND WROUGHT IRON

• Easy to Attach • Hardwood & Brass Legs Have Self-leveling Guides • Give Contemporary Look to TV Sets, Cabinets, Bookcases, Other Furniture
Sets of 4 legs, beautifully designed to complement hi-fi cabinets, radios, record players, book-cases, etc. Make any TV set a console! All types are easily attached. Unfinished hardwood legs are 1 3/4" in diameter at top, with graceful taper. Sanded and ready to finish, with brushed brass ferrule at tip. Adjust to straight or flared style after attaching platform! Includes self-leveling swivel glide; complete with hardware. Brass legs feature all steel, rust resistant tubular construction with fine lacquered brass electroplate finish. Automatic self-leveling, self-locking guide; complete with hardware. Wrought iron legs are "hairpin" style, sturdily constructed of 3/4" rod with welded steel top already drilled for insertion of screws. Perfect for home-built benches,

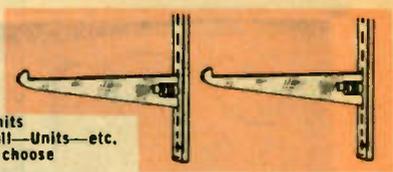


bookcases, other furniture.

Ht.	Hardwood, Unfin.			Satin Brass			Wrought Iron		
	Stock #	Wt. Lbs.	Shpg. Net	Stock #	Wt. Lbs.	Shpg. Net	Stock #	Wt. Lbs.	Shpg. Net
4"	ML-96	1 1/2	2.19	ML-87	2 3/4	3.73	ML-53	3 1/2	2.25
6"	ML-76	1 3/4	2.25						
8"	ML-99	2 1/2	2.63						
12"	ML-77	2 1/2	2.98	ML-88	4	4.50	ML-54	5	2.48
14"	ML-102	3 1/4	3.41						
16"	ML-78	3 3/4	3.75	ML-89	5 1/4	5.25			
18"	ML-103	4	3.97				ML-55	6 1/2	2.49
22"	ML-79	4 1/4	4.15	ML-90	6 3/4	6.00			
24"							ML-56	8	4.40
28"	ML-80	4 1/2	4.50	ML-91	8 1/4	6.75	ML-57	9 1/2	4.30

CUSTOM SHELF ACCESSORIES

AS LOW AS
.44 per Pair



- Designed for open-shelf hi-fi units
- Create your own Bookshelf—Wall—Units—etc.
- Go as High and as Wide as you choose

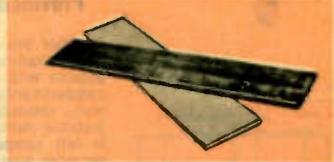
Change blank walls into the most functional and attractive areas in your home. Easily installed—adjust shelf height in seconds—create an infinite number of designs. Brackets are adjustable at 1" intervals, locking nut tightens against strip. Strip standards, 12" long, can be interlocked to make any length standard. Change and enlarge wall arrangements at any time. Slim standards are barely visible. Shelves have an airy, floating look.

Shelf Width	Gold	Silver	Black	Shpg. Wt.	Net per pair
6"	ML-272	ML-278	ML-280	8 oz.	.44
8"	ML-273	ML-277	ML-281	10 oz.	.50
10"	ML-274	ML-278	ML-282	12 oz.	.64
12"	ML-275	ML-279	ML-283	14 oz.	.77

Strip Wall Standards. 12" long, interlock to any desired lengths. Shpg. wt., 6 oz. Imported.
ML-284 Gold Net ea. .18
ML-285 Silver Net ea. .18
ML-286 Black Net ea. .18

FINE FURNITURE FINISHED SHELVES

- Prefinished in Walnut
- All Six Sides Squared
- Fine Edge-Glued Hardwood



Dennix Hardwood Shelves are kiln-dried to prevent warping. Use for dividers, spacers, and brackets, or use your own ideas for utilization of wasted wall or corner space. Fine hardwood beautifully finished in walnut. All 8" deep.

STOCK NO.	LENGTH	SHPG. WT.	NET
ML-319	24"	3 1/2 lbs.	2.98
ML-320	30"	4 1/2 lbs.	3.38
ML-321	36"	5 1/2 lbs.	4.05
ML-322W	48"	7 1/2 lbs.	6.10
ML-323WX	60"	9 1/2 lbs.	8.10

FURNITURE FINISH TAPERED LEGS

• Molded In Unbreakable Hi-Impact Plastic

Molded in high-impact plastic—a mar proof, scratch proof—virtually indestructible, pre-finished leg. Wood tone colors are molded in—no further finishing is required. Bracket permits straight or angle mounting. Auto-adjust, self leveling ferrules. Three wood tone finishes to match most furniture colors. Set of four legs—complete with hardware.



Ht.	Mahogany			Walnut			Ebony		
	Stock #	Shp. Wt.	Net	Stock #	Shp. Wt.	Net	Stock #	Shp. Wt.	Net
4"	ML-181	1 1/2	2.21	ML-185	1 1/2	2.21	ML-189	1 1/2	2.21
6"	ML-182	1 3/4	2.80	ML-186	1 3/4	2.80	ML-190	1 3/4	2.80
12"	ML-183	2 1/2	4.09	ML-187	2 1/2	4.09	ML-191	2 1/2	4.09
14"	ML-184	3 1/4	4.47	ML-188	3 1/4	4.47	ML-192	3 1/4	4.47

12" LAZY SUSAN BEARING

- COMPACT — INTERLOCKED UNIT
- USES 140 BALL BEARINGS
- MAKE TURNTABLES OF ALL KINDS

Unlimited versatility in making and assembling turntables and rotating fixtures of all kinds. 12" diameter ball race plus 140 precision made steel ball bearings insure maximum stability for the larger items such as T.V. sets, tables, etc. Can also be used for corner cabinet shelves—book stands—coffee tables—storage, etc. Attaches easily to first and second surface. One unit construction—no loose parts. Center opening allows for center post. 6 3/4" I.D. Shpg. wt., 2 lbs.

ML-428 Net 2.66

EARLY AMERICAN LEGS

- Extra Heavy Top Plate
- Easy to Attach

Unfinished legs in the popular Early American motif. Made of fine furniture quality kiln-dried hardwood. Smoothly sanded, ready for finishing.

Stock No.	Ht.	Shpg. wt.	Net set of 4
ML-324	6"	1 1/2 lbs.	2.22
ML-325	12"	2 1/4 lbs.	2.99
ML-326	16"	3 1/4 lbs.	3.75
ML-327	22"	3 1/2 lbs.	4.13
ML-328	28"	4 1/2 lbs.	4.49



PRE-FAB COMPLETE WOOD DRAWERS



Attach easily to underside of shelf, kitchen cabinet, workbench, desk, etc. Ideal for general storage of small items. Drawer fronts of selected hardwoods, sanded smooth—15" face width and 2 3/4" drawer height. Complete with slides, screws; factory assembled.

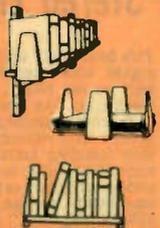
Stock No.	Depth Overall	Shpg. Wt.	Net
ML-293	8"	2 lbs. 2 oz.	2.25
ML-294	10"	2 lbs. 6 oz.	2.48
ML-295	12"	2 lbs. 8 oz.	2.70
ML-296	14"	2 lbs. 10 oz.	2.93

STOP GAPS

- Attach To Open Ends of Shelves for Neat Book Shelves
- For Desk or Table Book-Rack
- For Handsome Desk Tray
- For Napkin or Envelope Holder
- For Shelves 5/8" to 3/4" Thick



Keep books in place with STOP GAPS. They are easily attached to ends of shelves which lack side pieces. Extremely good-looking and made of hardwood. "Unfinished"—sanded smooth, or pre-finished in Walnut. Will add grace to your shelves. Packed in pairs. Safety screws furnished. Shpg. wt., 1 1/2 lbs.
ML-352 Unfinished Per Pair Net 1.38
ML-353 Walnut Finish Per Pair Net 1.79



ROCK MAPLE Shelf Brackets

- Unlimited Decorator Arrangements
- Unyielding Cantilever Design



The easiest-quickest way to add shelves to any wall. Brackets and standards are of solid maple-steel reinforced. Will support hundreds of pounds. Unique gripping method assures slip-proof, firm hold and perfect alignment. Simple to build with no holes to drill—just screw into place. Extremely versatile—build as high or as wide as you like. Perfect for record storage—hi-fi installations—bookshelves—decorator display. Satin smooth—ready for finish.

Stock No.	Description	Shpg. Wt.	Net Per Pair
ML-141	6" bracket	3/4 lb.	.68
ML-142	8" bracket	3/4 lb.	.78
ML-143	10" bracket	1 lb.	.88
ML-144	12" bracket	1 1/2 lbs.	.98
ML-145	14" bracket	2 lbs.	1.18
ML-146	13 1/2" Standard	2 lbs.	.98
ML-147	6" Standard	8 oz.	.68

MAGAZINE SHELF BRACKET



New, adjustable support for wall magazine rack. Adjust to four positions, up to a 45° angle. Finish Silvertone or Satin Brass.

Finish	Stock No.	Shelf Width	Shpg. Wt.	Per Pair Net
Silvertone	ML-206	12"	1 lb.	2.33
Satin-Brass	ML-208	12"	1 lb.	2.63

"DO-IT-YOURSELF" SHELF SPACERS

- No sawing, hammering, or fancy tools needed

The newest accessory for assembling hi-fi units, chests, cabinets, shelves, etc. Unique, interchangeable dowel and hole design permits quick and easy attachment. Spacers are available in 10 or 14" heights. Bottom leg is 4" high—matching cap for top finish. Genuine northern hardwood 1 1/2" stock, sanded and ready for finishing. Makes possible thousands of shelf combinations. Simplest quickest means of building or altering units to your needs.
ML-92—10" spacer — Wt. 6 oz. Net .59 ea.
ML-93—14" spacer — Wt. 8 oz. Net .83 ea.
ML-94 — cap — Wt. 1 oz. Net .10 ea.
ML-95 — 4" leg — Wt. 3 oz. Net .19 ea.



QUEEN ANNE PERIOD LEGS

- Beautiful Sturdy Legs For Indoor or Outdoor Use
- In Popular 29" Size

Graceful decorator legs for wood top table, glass top table, tile top table, planters, etc. Heavy 12 gauge top plate; strong concealed welds; 3/4" steel rod. Jet black baked enamel finish, 29" high. Complete with screws. Shpg. wt., 11 lbs. set of 4.
ML-329 Set of 4 legs Net 4.89

PLASTIC FLOOR GUIDES for wrought iron legs, straight or flare type. Prevents damage to carpet and linoleum. 4 per set.
ML-117—Set of 4. Shpg. wt., 4 oz. per set Net .45

SELECTED HI-FI ENSEMBLES OF

Bozak Urban and Provincial
Equipment Cabinets



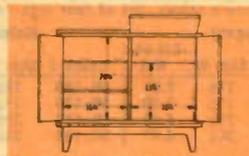
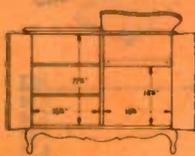
Provincial **285⁰⁰** \$15 monthly
NO MONEY DOWN

Whether you chose the dignified elegance of Bozak's Urban Styling or the traditional styling of Provincial, you will own a cabinet compatible with the graciousness of living room decor. Both have two compartments with separate front doors and a common dividing wall, removable instrument panel for your stereo receiver, adjustable motor board for your record changer. 2½" thick shelves in left compartment and removable back. Record storage or tape recorder space is provided behind right door. Built of ¾" flakecore wood with hardwood veneers, mortised and glued joints and hand-rubbed finishes. Provincial model uses wrought brass door hardware imported from Italy. Overall Dimensions: Urban—30Hx36½Wx20"D; Provincial—31Hx40Wx20"D. Shpg. wt., 100 lbs. each.



Urban

185⁰⁰
\$10 monthly
NO MONEY DOWN



Model C-305U Urban, Matte Walnut Finish
CAB-156WX No Money Down Net 185.00
Model C-305P Provincial, Matte Walnut Finish
CAB-164WX No Money Down Net 285.00



Lafayette "Universal"
Hi-Fi Bass
Reflex Enclosures
For 2 Way or 3 Way Systems

52⁵⁰ \$5 monthly
NO MONEY DOWN

LAFAYETTE UNIVERSAL SPEAKER ENCLOSURES can be used for almost any combination of speakers. Has cutout for 15" speaker plus adapter for 12". Also a cutout for 8½" or 8" speaker plus adapter for 5" and blank wood block if such speakers are not desired. In addition, a tweeter opening is provided for most standard tweeters, plus adapter for Lafayette, HK-3, HW-7 or similar type plus blank wood block if no tweeter is used.

Solidly constructed of ¾" stock. Finished models of genuine veneers on acoustically correct flakecore. Universal speaker panel is detailed with picture frame molding and covered with pleasing plastic grille. 5" tapered offset legs are edge-tipped with brass ferrules. Lined internally with acoustic material. 28¾Hx23½Wx16"D. Shpg. wt., 54 lbs.

Stock No.	Style	Finish	Net
CAB-19WX	Highboy	Mahogany	\$2.50
CAB-21WX	Highboy	Walnut	\$2.50

James-Philip Contemporary All-In-One Stereo Equipment Cabinet



189⁵⁰ \$10 monthly
NO MONEY DOWN

This beautifully styled 70" cabinet has been designed with everything you need in utility as well as the finest appearance in contemporary simplicity. The meticulous custom craftsmanship, rich, matched mature wood veneers and custom hard-rubbed finish will please the most discriminating taste. Includes dual 12" speaker enclosures, with baffle plates, 2 sliding doors, sliding changer carriage, record partition and equipment section. Overall size: 70Wx18Dx33½"H. Leg 10½". Inside speaker compartment: 15½"x20"H. 2 Equipment sections, 1 blank panel, 1 shelf: 17¼Wx7½Hx15½"D. Record storage section. Shpg. wt., 160 lbs.
CAB-167WX No Money Down Net 189.50



ELEGANT DECORATIVE BEAUTY

Deluxe Modern Stereo Ensemble

Styled for today . . . Practical too. Lets you choose your own hi-fidelity equipment and speaker system and surround them in luxurious cabinetry. Sturdily built of selected woods of 5-ply walnut. Ensemble consists of equipment cabinet and two matching speaker enclosures. Outside dimensions of cabinets, 38 3/4" W x 30 1/2" H x 19 1/2" D; outer dimensions of each speaker cabinet, 20 W x 30 1/2" H x 19 1/2" D. Includes 12" pre-cut speaker baffle; 2 removable shelves and equipment compartment in left side; (18 W x 25 3/4" H) changer board (18 W x 16 5/8" D) 5" below motor board, and record compartment (14 1/2" H x 25 3/4" H) in right side with lift-top. Magnetic door fasteners.

CAB-165WX Walnut Equipment Cabinet Only. Wt. 123 lbs. Net 99.50
 CAB-166WX Walnut Speaker Cabinet Only. Wt., 64 lbs. Each Net 54.50



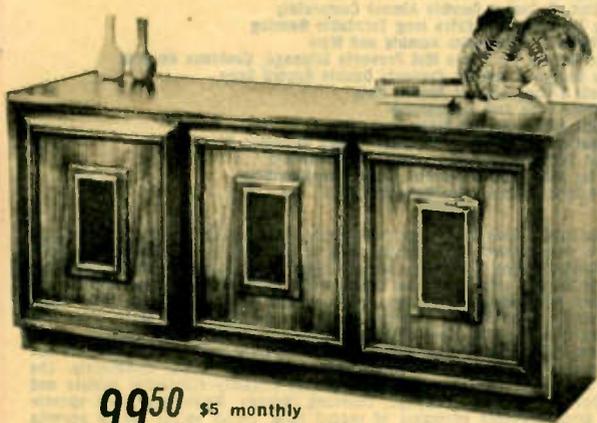
Complete Ensemble

208⁵⁰ \$11 monthly
 NO MONEY DOWN

Multi-Purpose Contemporary Equipment Cabinet

Add contemporary charm to your decor. Spacious cabinet will hold all of your hi-fidelity equipment in the best arrangement for your pleasure and convenience. Crafted in fine woods, it is finished beautifully in walnut. Has 6 roomy compartments. The top three are 9 1/4" H x 15 1/2" D. Each lower side compartment is 19 1/4" W x 13 1/4" H. The lower center compartment is 18 1/4" W x 13 1/4" D. Overall dimensions: 60 W x 29 H x 18" D. Three sculptured sliding doors make access to components easy without taking up space in your room. Shpg. wt., 110 lbs.

CAB-168X Walnut Finish. No Money Down Net 99.50

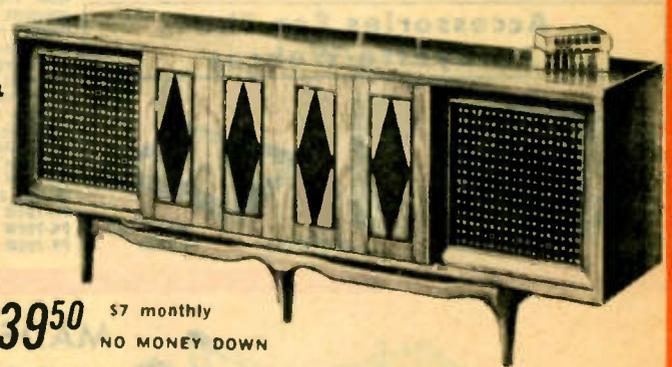


99⁵⁰ \$5 monthly
 NO MONEY DOWN

Contemporary Multi-Purpose Stereo Cabinet

Long, lean and graceful. A complete cabinet which will house the hi-fidelity components and speakers of your choice in the luxurious surroundings of fine wood and finish. The twin speaker compartments will accommodate 2-12" speakers. Two sliding doors cover 2 roomy equipment sections. Each 17 W x 18 3/4" H x 16 1/2" D. Shelf is removable. Overall dimensions: 72 W x 29 1/2" H x 18" D. (Including legs). Walnut finish. Shpg. wt., 166 lbs.

CAB-169WX No Money Down Net 139.50



139⁵⁰ \$7 monthly
 NO MONEY DOWN

French Provincial Equipment Cabinet

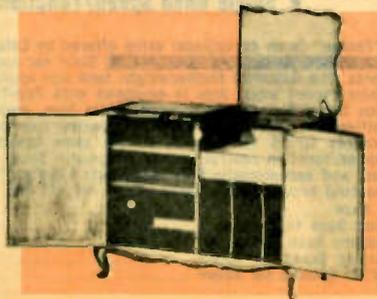
Create an air of old world elegance with cabinetry of enduring beauty. Makes a significant contribution to any room. Features two doors and lift lid. Overall dimensions: 42 W x 33 3/4" H x 20 1/2" D. Left compartment interior with 2 shelves: 18 W x 25 3/4" x 21 1/2" D. Right compartment with lift lid, record changer board 18 W x 10 1/2" D; record storage space 14 1/2" H x 18 W x 17 1/4" D with 2 dividers. Matching speaker cabinet for pre-cut for 12" speakers. 33 3/4" H x 24 W x 20 1/2" D. Finished in beautiful cherry.

French Provincial Equipment Cabinet. Wt., 111 lbs.
 CAB-170WX No Money Down Net 159.50

French Provincial Speaker Enclosure. Wt., 63 lbs.
 CAB-171WX No Money Down Each Net 79.50



79⁵⁰ \$5 monthly
 NO MONEY DOWN



159⁵⁰ \$8 monthly
 NO MONEY DDWN

LAFAYETTE AUTOMATIC RECORD CHANGERS

the New Deluxe LAFAYETTE/WEBCOR Automatic Record Changer

A Superb Automatic 4-Speed Record Changer Made Exclusively for Lafayette by Webcor

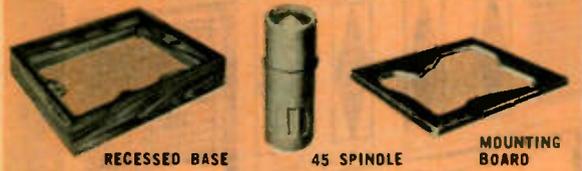
LOOK AT THESE OUTSTANDING FEATURES

- Automatic 4-Speed Changer Plays 16 $\frac{2}{3}$, 33 $\frac{1}{3}$, 45 and 78 RPM Records Automatically or Manually
- Outstanding For Either Stereo or Monaural Use
- Intermixes One-Inch Stack of 7 and/or 12-Inch Standard Hole Records of the Same Speed
- Intermixes One-Inch Stack of 78 RPM 10 and/or 12-Inch Records
- Heavy Duty 4-Pole 4-Coil Motor
- "Anti-Rumble Rib"—Sturdily Constructed Mainplate has Scientifically Constructed Ribs that Absorb Vibration, Reducing Rumble Almost Completely
- Heavy Turntable has Extra long Turntable Bearing That Virtually Eliminates Rumble and Wow
- Ribbed Rubber Turntable Mat Prevents Slippage, Cushions Records
- Newly Designed Spindle Prevents Double Record Drop, Prevents Enlarging of Record Hole
- Jam-Proof Tone Arm Mechanism
- Die-Cast Aluminum One-Piece Tone Arm
- Automatic Shut-off After the Last Record has Been Played
- Astatic Turnover Cartridge with .7 Mil Diamond Stylus for Microgroove Records, 3 mil Sapphire*Stylus for 78 RPM Record. *Synthetic Sapphire



29⁹⁵
NO MONEY DOWN

Accessories For The Lafayette/Webcor



RECESSED BASE

45 SPINDLE

MOUNTING BOARD

A superb new 4-speed automatic record changer made exclusively for Lafayette by Webcor, an outstanding leader in the development and manufacturing of top quality, reliable and versatile record changers in the United States. This new Lafayette/Webcor automatic record changer has been designed to give the highest standard of performance and dependability. Wow, flutter, and rumble have virtually been eliminated. Plays stereo or monaural records superbly. Plays 16 $\frac{2}{3}$, 33 $\frac{1}{3}$, 45, and 78 RPM records automatically or manually. Intermixes a one-inch stack of 78 rpm 10 and/or 12-inch records, or a one-inch stack of 7 and/or 12-inch standard hole records of the same speed. Utilizes dynamically balanced 4-pole 4-coil motor. Sturdily constructed mainplate has scientifically constructed ribs that absorb vibration, reducing rumble almost completely. The heavy turntable has an extra long turntable bearing that also virtually eliminates rumble and wow. The turntable rubber mat prevents slippage, cushions records. Newly developed spindle prevents double record drop, prevents enlarging of record hole. On-off reject switch permits manual record play without causing an automatic change cycle. Changer automatically shuts off after last record has played. Die-cast aluminum one-piece tone arm acoustically engineered to accurately and gently perform all its necessary functions. Jam-proof tone-arm, "Torsion Spring" action permits moving tone-arm at any time without damaging changer. Tone-arm is also counter balanced. Adjustable stylus set-down comes equipped with Astatic turnover stereo cartridge with .7 mil diamond stylus for microgroove records, and 3 mil synthetic sapphire*tip for 78 RPM records. Minimum mounting dimensions: 14 $\frac{3}{4}$ " wide, 13 $\frac{1}{2}$ " deep, 5 $\frac{1}{2}$ " above and 4 $\frac{1}{4}$ " below mounting board. With 2—36" connector cables. Attractive finish in charcoal gray, aluminum and black. For 110-120V., 60 cycles AC. Shpg. wt., 11 lbs.

PK-770W less base	Net 29.95
PK-793 45 RPM spindle for above	Net 2.50
PK-794W Oil walnut recessed base for above	Net 3.95
PK-795W Mahogany recessed base for above	Net 3.95
PK-796W Unfinished mtg. board for above	Net 1.10

MADE BY ADMIRAL FOR LAFAYETTE THE ADMIRAL ENSIGN WITH NEW ADDED FEATURES

LAFAYETTE'S SENSATIONAL LOW, LOW PRICE ON ADMIRAL'S NEWEST AND MOST POPULAR ENSIGN CHANGER

- 4-Speed—16 $\frac{2}{3}$, 33 $\frac{1}{3}$, 45 and 78 RPM.
- Plays Stereo or Monaural Records
- Quality Ceramic Turnover Stereo Cartridge
- Automatic 3-Way Shut-Off
- Intermixes Records of Same Speed
- Heavy Duty Constant Motor
- Single Knob Speed/Function Control

The Admiral "Ensign" is an exceptional value offered by Lafayette. Built for compatibility with both stereophonic and monaural records. The balanced featherweight tone arm operates at only 5-7 grams of needle pressure to minimize record wear. Arm is equipped with Flip-Type Ronette ceramic stereo cartridge. Heavy precision turntable without any noticeable hum, rumble, or wow. Drive wheel disengages in neutral position, thus preventing rumble producing flat spots. Plays 16 $\frac{2}{3}$, 33 $\frac{1}{3}$, 45 and 78 RPM records. Intermixes 10" & 12" records of the same speed. Plays records manually if desired. Single knob speed/function control switch. Automatic 3-way shut-off after last record. 117VAC, 60 cycles. Compact and exceptionally functional, only 13 $\frac{1}{2}$ "x12"x7 $\frac{1}{2}$ ". 3" below & 5 $\frac{1}{2}$ " above mounting board. Beautiful brown & gold finish. Shpg. wt., 12 lbs.

PK-600W less base	Net 19.95
PK-606W Walnut Base for above	Net 4.50
PK-607W Mahogany Base for above	Net 3.95
PK-608W Mounting Board for above	Net 1.10
PK-609 45 R.P.M. Spindle for above	Net 1.49



ONLY **19⁹⁵**

Garrard

High Fidelity RECORD PLAYING EQUIPMENT



79⁵⁰

MODEL "A" MARK II AUTOMATIC TURNTABLE

Wired For Stereo and Monaural

• 4-SPEED

A precision turntable and tone arm with the convenience of automatic record changing. It has many quality features found only in professional manual players. Polished 6 lb. cast turntable. "Laboratory balanced," 4 pole shaded constant speed motor is completely shielded. Tone arm is dynamically balanced with adjustable counterweight and spring tension — no side pressure on groove. Tracking force is set by sliding knurled knob along scale. Pusher changing mechanism featuring 1 piece center spindle. Level adjusted without tools, using knurled knob. Five wire system, fully wired for stereo — utilizing separate ground wire to minimize residual hum. Dimensions: 16 $\frac{3}{4}$ " across x 14 $\frac{1}{8}$ ", 6" above and 2 $\frac{7}{8}$ " below motor board. Complete with line cord, pickup leads, plug-in shell, mounting hardware, standard and manual spindles, 45 rpm adaptor. Less cartridge and automatic 45 rpm spindle. For 100-130 VAC 60 cycle. Richly finished in grey, charcoal and chrome. Shpg. wt., 19 lbs. Imported from England.
21 A 3701WX Less cartridge and base Net 79.50



54⁵⁰

MODEL AT 6 MARK II AUTOMATIC TURNTABLE

Wired for stereo and monaural

• 4-SPEED

A new, moderately priced automatic turntable designed to combine deluxe features with compactness. Tubular tone arm dynamically counter-balanced with adjustable counterweight; has built-in gram scale. Oversize turntable for perfect balance, heavy flywheel action. Quiet, powerful, 4-pole shaded motor. Completely separate automatic and manual controls; 2 spindles with short spindle for playing records singly. Replaceable plug-in cartridge shell with bayonet connector permits use of any cartridge. Richly finished in grey, charcoal and chrome. Dimensions: 15 $\frac{3}{4}$ " left to right, 13 $\frac{1}{8}$ " front to rear, 4 $\frac{7}{8}$ " above and 2 $\frac{7}{8}$ " below top of motor board. Additional 1 $\frac{1}{2}$ " required at rear of arm and on right side for clearance of counterweight. For 100-130 VAC. 60 cycles. Shpg. wt., 12 lbs. Imported from England.
21 A 3704W Less cartridge and base Net 54.50



NEW!

39⁵⁰

AUTOSLIM "P" MARK II INTERMIX CHANGER

Wired for stereo and monaural

• NOW WITH PLUG IN HEAD • 4-SPEED

An ultra-compact, automatic-manual changer at a remarkably low price. Only 6 $\frac{1}{4}$ " overall height. Intermixes all records, i.e. records of different sizes can be stacked in any sequence. Separate manual and automatic controls — featuring Garrard's new center-changing mechanism. The Autoslim employs a new type of turntable and a 4-pole shaded motor, achieving balance and quiet turning. Richly finished in grey, charcoal and chrome. Dimensions: 14 $\frac{3}{4}$ " left to right; 12 $\frac{1}{2}$ " front to rear; 4 $\frac{3}{8}$ " above top of motorboard, 2 $\frac{7}{8}$ " below. For 100-130 VAC, 60 cycles. Shpg. wt., 9 lbs. Imported from England.
21 A 3703W Less cartridge and base Net 39.50

GARRARD HI-FI COMBINATIONS PRICED-LOW

Your choice of any Garrard changer and any of these famous Hi-Fi cartridges installed at Lafayette's regular low prices



PICKERING
U38/AT



EMPIRE
880



SHURE
M3D

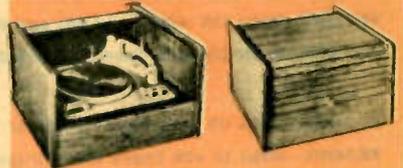
CARTRIDGES ONLY

- 21 A 5301L Pickering U38/AT Net 16.61
- 21 A 3401L Empire 880 Net 17.95
- 21 A 6201L Shure M3D Net 15.88

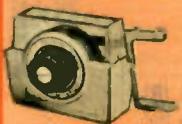
CHANGERS WITH CARTRIDGES

STOCK NO.	GARRARD MODEL	CARTRIDGE SUPPLIED	NET
PK-658WX	A	PICK. U38/AT	79.51
PK-659WX	A	EMPIRE 880	79.51
PK-660WX	A	SHURE M3D	79.51
PK-661W	AT6	PICK. U38/AT	54.51
PK-662W	AT6	EMPIRE 880	54.51
PK-663W	AT6	SHURE M3D	54.51
PK-664W	AUTOSLIM "p"	PICK. U38/AT	39.51
PK-665W	AUTOSLIM "p"	EMPIRE 880	39.51
PK-666W	AUTOSLIM "p"	SHURE M3D	39.51

GARRARD TAMBOUR TABLE CABINETS

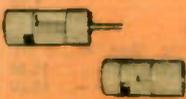


Beautifully built of stain and scuff resistant formica in rich walnut color. Cover recesses as shown in insert. Records may be played with case closed Precut mtg. board. Size: 15 $\frac{1}{2}$ "x10 $\frac{1}{4}$ "x18"W. Shpg. wt., 15 lbs.
PK-668WX For Model A Net 34.50
PK-669WX For AT-6, Autoslim Net 34.50
PK-670WX With Uncut Board Net 34.50



GARRARD PRESSURE GAUGE

For accurately measuring tracking force. Large circular scale, transparent plastic window. Gauge reads 0-12 grams with $\frac{1}{2}$ gram markings. Scale pan is of swiveling balance type. Measures pressure at the stylus and at the actual record level. Easy to operate. Comes with 5 gram brass weight for checking calibration.
PK-788 Garrard SPG3 Imported from England Net 2.95



45 RPM AUTOMATIC SPINDLES

- PK-410 For A, 88/II, RC88 and RC98 Net 3.80
- PK-549 For AUTOSLIM Series Net 3.80
- PK-667 For AT6 Net 3.80
- PK-409 For RC210 and RC121/11 Net 3.80

DUST COVERS



Molded to the contours of the players from sparkling, clear vinyl, these covers provide complete protection from dust and accidents to the precision bearings, levers and tone arm. Shpg. wt., 1 $\frac{1}{2}$ lbs.
PK-531 Fits Model A Net 4.95
PK-560 Fits Model AT6 Net 4.95
PK-561 Fits Autoslim Net 4.95

VALUE PACKED CHANGER and CARTRIDGE COMBINATIONS

A SELECTION OF WORLD FAMOUS HIGH FIDELITY CHANGER AND CARTRIDGE COMBINATIONS AT LAFAYETTE'S REGULAR LOW, LOW, PRICES.



Your Choice of Any One of These 3 Superb Stereo Cartridges Installed in the Changer You Select

See Listings for Lafayette's Low, Low Prices on Changer and Cartridge Combinations. Price Includes Installation of Cartridge.

MIRACORD STUDIO SERIES HI-FI AUTOMATIC TURNTABLES



The Miracord Studio 10H is the answer for audiophiles who require a turntable and those who need to change records. Features a hysteresis motor, and adjustable counter-balance tone arm, and the famous "Magic Wand" spindle. Push-buttons select automatic or manual operation at any of 4 speeds playing all records including the new 33 1/2 " type. Jam proof tone arm. Satin chrome finish on all machined parts. Positive locking 4-contact plug-in head accepts all cartridges. Imported from W. Germany

- Studio Model 10H less base and cartridge. Net 89.50
- 21 A 1601WX Net 99.50
- Studio Model. Same as above but with specially designed heavy duty shaded 4 pole induction motor instead of hysteresis motor. Imported from W. Germany.
- 21 A 1602WX Model 10 less base and cartridge Net 89.50

ACCESSORIES MIRACORD TURNTABLES

- 21 A 1603W Wood Base, Oil Walnut. Shpg. wt., 4 lbs. 9.95
- 21 A 1604W Wood Base, Unfinished. Shpg. wt., 4 lbs. 8.95
- 21 A 1626 Automatic 45 RPM Spindle. Shpg. wt., 1 lb. 5.00
- 21 A 1605W Unfinished Mounting Board. Shpg. wt., 1 1/2 lbs. 3.00
- 21 A 1627 Extra Plug-in Head. Shpg. wt., 1/2 lb. 5.00
- 21 A 1625 "Miracover" plastic dust cover, Shpg. wt., 1 1/2 lbs. 14.95

COMBINATION PRICES

- PK-738WX—Model 10H with Pickering U38/AT cartridge.
- PK-739WX—Model 10H with Empire 880 cartridge.
- PK-740WX—Model 10H with Shure M3D cartridge.

ANY ONE
9951

- PK-741WX—Model 10 with Pickering U38/AT cartridge.
- PK-742WX—Model 10 with Empire 880 cartridge.
- PK-743WX—Model 10 with Shure M3D cartridge.

ANY ONE
8951

LESA Model CD 2/21 Stereo Record Changer

The fully automatic jam-proof changer plays up to eight records of any size, with automatic intermix. Easy to operate—only two controls for all cycles, speed selection, start, stop and reject. Fast 6 second change cycle. Automatically shuts off after last record. Rumble, flutter and wow are extremely low—compares with professional turntables. Other features include a heavy duty 4-pole motor, and a high inertia turntable. Non-resonant tone arm is equipped with a universal 4-terminal plug-in shell, prewired for monaural and stereo. Two tone gray. Size: 13 1/2 x 11 1/2", requires 4" above and 3 3/4" below. Shpg. wt., 17 lbs. Lesa CD 2/21 Automatic changer, less cartridge, less base.



21 A 4801WX Imported from Italy Net 44.50

COMBINATION PRICES

- PK-754W Lesa CD 2/21 plus Pickering U38/AT cartridge
- PK-755W Lesa CD 2/21 plus Empire 880 cartridge
- PK-756W Lesa CD 2/21 plus Shure M3D cartridge

ANY ONE
4451

LESA CD 3/31 AUTOMATIC RECORD CHANGER

Deluxe Lesamatic changer. Professional Pick-Up arm with a stylus pressure gauge and counterbalance adjustment screw with marked gram measurements. Large heavy high-inertia, non-magnetic turntable dynamically balanced for elimination of wow and flutter. Heavy Duty, Shaded, 4-Pole Motor. Equipped with interchangeable spindle for manual operation. Silver-gray, polished aluminum and dark gray finish. Dim. 13 1/2 x 11 1/2.



21 A 4802WX Shpg. wt., 20 lbs. Net 69.50

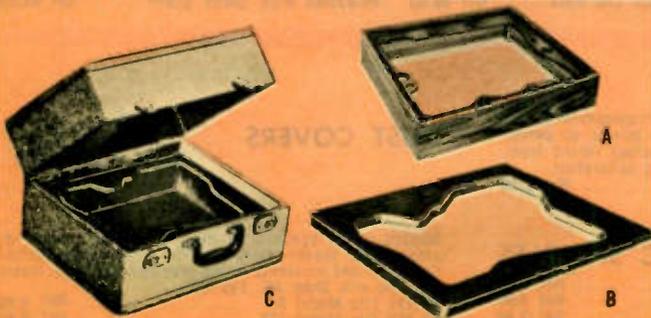
COMBINATION PRICES

- PK-757WX Lesa CD 3/31 plus Pickering U38/AT cartridge
- PK-758WX Lesa CD/3-31 plus Empire 880 cartridge
- PK-759WX Lesa CD3/31 plus Shure M3D cartridge

ANY ONE
6951

- ACCESSORIES FOR LESA CD 2/21 21 A 4804 Wood base—walnut Net 4.75
- and CD 3/31 RECORD CHANGER 21 A 4805W Wood base—mahogany Net 4.75
- 21 A 4850 45 RPM Spindle Net 3.75

WOOD BASES - BOARDS - CASES FOR GARRARD RECORD CHANGERS



LAFAYETTE RECESSED WOOD MOUNTING BASES (A)

Available in 3 finishes. Shpg. wt., 4 lbs.

- PK-782W Oil Walnut finish, for Model A Net 3.95
- PK-780W Mahogany finish, for Model A Net 3.95
- PK-781W Blonde finish, for Model A Net 3.95
- PK-785W Oil Walnut, for AT6 and Autoslim Net 3.95
- PK-783W Mahogany, for AT6 and Autoslim Net 3.95
- PK-784W Blonde, for AT6 and Autoslim Net 3.95

LAFAYETTE WOOD MOUNTING BOARDS (B)

Unfinished, smooth sanded. Shpg. wt., 1 1/2 lbs.

- Stock No. Description Net
- PK-380W For A 1.10
- PK-382W For AT6, AUTOSLIM Series 1.10

GARRARD CARRYING CASES (C)

- Portable Wood cases with handsome simulated leather covering. Shpg. wt., 6 lbs.
- PK-405W For A, 88/11, RC88 and RC98 15.00
- PK-406W For AT6, AUTOSLIM and 210 15.00

LAFAYETTE STEREO TURNTABLES

DELUXE 4-SPEED STEREO INTEGRATED TRANSCRIPTION TURNTABLE

SUPERB STUDIO QUALITY PERFORMANCE

- 3 lb. Balanced 12" Aluminum Turntable • Rumble and Noise Better Than - 50 db • Speed Control Provides $\pm 7\%$ Variation of Each Speed • Wow & Flutter Below 2% • Precision Lightweight 12" Aluminum Tone-Arm • Plug-In Shell For Popular Stereo Cartridges • Adjustable Counterbalance Weight • Perfect Tracking Even at 2 Grams • Automatic On-Off Switch Built into Tone Arm Rest • Perfect For Both Stereo and Monaural

Designed and Constructed To Meet The Most Precise Professional Standards—The Lafayette FK-449 combines on a single mounting plate a four-speed transcription turntable and tone arm . . . each unit precision engineered to complement the other.

Ideally suited for stereo, the turntable features a specially designed heavy duty 4 pole induction motor, free-floating and shock mounted to virtually eliminate vibration. The 3 lb. rim-weighted 12" aluminum table is constructed with a permanently lubricated oilite bronze bearing while the precision spindle turns on a single ball bearing. Speeds—16 $\frac{2}{3}$, 33 $\frac{1}{3}$, 45 and 78 rpm are selected by means of a click-in shift lever ("off" positions between all speed positions). The oversize idler disengages in off positions. A speed control allows for $\pm 7\%$ variation of each speed. Noise and rumble are -50 db below average recorded level with wow and flutter less than 0.2%.

The 12" Transcription Tone Arm has been designed to track perfectly at the lowest stylus pressures recommended by cartridge manufacturers. Stylus force adjustment is easily accomplished by simply rotating the Knurled Knob at the rear of the arm. Use of ball bearing suspensions result in a high compliance lateral, vertical movement. A plug-in head is provided which accepts most of today's popular stereo cartridges. The unique arm-rest serves a double duty—simply lift the tone arm from the lock position to start the motor and replace to stop. Complete with stroboscope disc, 45 rpm adapter, shielded hook up cables and AC line cord. The entire motor plate is spring suspended and measures 16 $\frac{1}{2}$ x12 $\frac{1}{2}$ " requires 4" below motor board. For 105-120 volts 60 cycles AC. Shpg. wt., 15 lbs. Imported

PK-449WX Less Base and Cartridge Net 49.50
 Extra plug in cartridge shell with necessary mounting hardware for PK-449. Shpg. wt., 1 lb. PK-499 Net 1.89

WOOD BASE for PK-449WX. Finest selected hardwood veneers. Mitered corners, $\frac{5}{8}$ " sides, $\frac{1}{2}$ " top. For turntable and 12" arm. Size 17 $\frac{1}{2}$ x13 $\frac{1}{2}$ x3 $\frac{3}{8}$ "H. Specify: mahogany, walnut or blonde finish. Shpg. wt., 5 lbs. PK-504WC Net 9.95



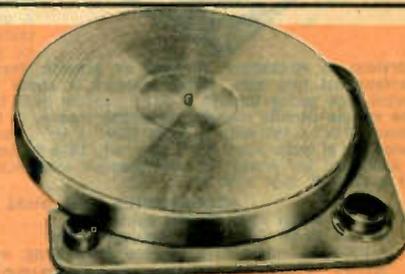
4950
 (LESS BASE)
NO MONEY DOWN

LAFAYETTE TURNTABLE/TONE ARM CARTRIDGE COMBINATIONS

PK-449WX turntable and arm with Pickering U38/AT cartridge installed.	Net 59.95
PK-677WXM	Net 59.95
PK-449WX turntable and arm with Empire 880P cartridge installed.	Net 59.95
PK-786WXM	Net 59.95
PK-449WX turntable and arm with Shure M30 cartridge installed.	Net 59.95
PK-679WXM	Net 59.95

LAFAYETTE 4-SPEED PROFESSIONAL TRANSCRIPTION PLAYER WITH 3-LB. 12-INCH ALUMINUM TURNTABLE

• IDEALLY SUITED FOR STEREO! • BETTER THAN -50 DB RUMBLE & NOISE • VIBRATIONLESS MOTOR SUSPENSION • BELOW 0.2% WOW & FLUTTER • MAGNETIC EDDY-CURRENT BRAKE • 3 LB. 12" BALANCED & MACHINED ALUMINUM TURNTABLE • SPEED CONTROL FOR $\pm 7\%$ VARIATION OF EACH SPEED You will be delighted at the superior quality of this fine instrument. Features include heavy, rim-weighted, 3 lb. machined-aluminum 12" turntable, magnetic brake with speed control $\pm 7\%$ variation of each speed; the extremely low noise and rumble figure of -50 db below average recorded level; wow and flutter (speed variations) of less than 0.2%; new-type oversize precision-ground idler with special lubrication features; positive-locking detents on 4-speed single-knob speed selector; ("off" positions between all speed positions) free-floating shock-mounted motor; automatic idler disengagement in "off" positions; precision spindle turns on single ball bearing; heavy duty 4-pole induction motor. Heavy rubber turntable mat. For 105-120 volts, 60 cps AC; draws 0.13 amperes. Size of motor plate 11x10x14 $\frac{1}{2}$ "; requires 4" below motor board, 1 $\frac{1}{2}$ " above. Complete with stroboscopic disc, 45 rpm adapter, AC line cord. Shpg. wt., 14 lbs. PK-240W 12" TRANSCRIPTION TURNTABLE Imported Net 37.50



3750 No Money Down

Comb. No.	Turntable	Arm	Cartridge	Net
PK-671WM	PK-240W	Shure M232	Shure M30	72.50
PK-787WM	PK-240W	Empire 980	Empire 880P	85.80

Shipping weight of these combinations is 18 lbs.

WOOD BASE for PK-240W. Size and construction identical to base illustrated above with PK-449WX turntable. Specify walnut, mahogany or blonde.
 PK-505WC Shpg. wt., 5 lbs. Net 8.95

LAFAYETTE SPECIAL-VALUE COMBINATIONS

See Turntable/Tone Arm Cartridge Combinations

LAFAYETTE INTEGRATED STEREO TRANSCRIPTION PLAYER

• 5-CONTACT PLUG IN HEAD FOR ALL STEREO CARTRIDGES • 4-SPEED, HEAVY DUTY 4-POLE TRANSCRIPTION TYPE INDUCTION MOTOR • MAGNETIC BRAKE FOR $\pm 7\%$ SPEED ADJUSTMENT • STYLUS WEIGHT ADJUSTMENT SCREW ON TONE ARM • RUMBLE AND NOISE -40 DB • LESS THAN 0.3% WOW

Here is a modestly-priced complete hi-fi, compatible stereo pickup system, designed against obsolescence. This top quality manual player features a 5-contact, plug-in head to accommodate the latest stereo as well as monaural cartridges. The lightweight tone arm is an integral part of the mounting plate and requires no installation. Equally important in contributing to the excellent performance of this system in the new 4-speed turntable assembly. It is equipped with a quiet, heavy duty 4-pole motor, with an exclusive magnetic brake for instantaneous fine adjustment of each speed. Stroboscope disc also included. Smooth operation is assured further by the 10" heavy turntable, fitted with rubber mat. Provision for easy adjustment of stylus pressure is available. Dimensions of mounting plate 12 $\frac{3}{4}$ " left to right, and 10 $\frac{1}{2}$ " front to rear. Requires 2 $\frac{1}{2}$ " below and 3" above motor board. For 105-120V, 60 cps. Accessories included are: 45 rpm adaptor, output cable to amplifier and plug in heads. Shpg. wt., 14 lbs. Imported

PK-160SW Complete Stereo Transcription Player less Base and Cartridge	Net 26.95
PK-673WM PK-160SW with Pickering U38/AT Cartridge	Net 37.95
PK-789WM PK-160SW with Empire 880P Cartridge	Net 37.95
PK-675WM PK-160SW with Shure M30 Cartridge	Net 37.95
PK-162WC Wood base for above, finished in mahogany or blonde (please Specify). Shpg. wt., 5 lbs.	Net 3.95
PK-676W Wood base finished in oil walnut	Net 4.50
PK-163W Unfinished mounting board for above. Strong durable $\frac{3}{8}$ " gumwood. (Shpg. wt., 1 lb.)	Net .95

26⁹⁵
 (LESS BASE)
NO MONEY DOWN



See Turntable/Tone Arm Cartridge Combinations

STEREOPHONIC TURNTABLES, TONE ARMS, AND CARTRIDGES

FAIRCHILD PROFESSIONAL TURNTABLES



**MODEL 440-2
2-SPEED
TURNTABLE**

A new high fidelity turntable. 2-speed operation (33 1/3 and 45 rpm), single belt drive, Speed Sentinel control varies turntable speed $\pm 1 1/2\%$, highly styled and precision turntable platter. Entire assembly supplied on a channel for easy mounting. Rotational speed controlled from top. Strobe disc included to determine correct speed. Size: 19x16x10". Complete with unfinished mounting board, but less base. 19x16". For 110V, 60 cycle, AC. Requires 1 1/4" clearance above turntable, 3 1/2" below. Less base.

21 A 3503WX Shpg. wt., 21 lbs. Net 69.95

Same as above but in kit form.

21 A 3504WX Net 58.00

MODEL 440CBW. Base for above. Includes walnut mounting board, walnut wraparound. 19x16x8" Shpg. wt., 12 lbs.

21 A 3505W Net 19.95



**MODEL
412-1B
PROFESSIONAL
TURNTABLE**

MODEL 412-1B. Single-speed 33 1/3 rpm basic unit. Double belt drive and step-down idler eliminates slippage. Self-lubricating hysteresis synchronous motor, balanced 15 lb. turntable. Ball-thrust bearing in nylon seat. Main shaft micro-honed, runs in polished babbit. Speed accuracy $\pm 0.3\%$. Acoustically silent—exceeds NARTB specs by 3 to 1 margin. Requires mounting board 16" wide, cutout 13 1/2x8"; 6" clearance below board. For 110-120 volts, 60 cps AC. Shpg. wt., 28 lbs. Less base and tone arm.

21 A 3507WX Net 99.00

Model 412-1BK Same as above, but in kit form

21 A 3508WX Net 79.95

412-BBF—Base for models 412-1B and 412-1BK turntables. Shock mounted. In oil finished walnut with white formica top for all 12" arms. 17 3/4x14 3/4x6 1/4".

21 A 3509WX Shpg. wt., 6 lbs. Net 19.95

Weathers STEREO TONE ARM and CARTRIDGES



(A) MODEL PS-11 PROFESSIONAL STEREO TONE ARM-CARTRIDGE SYSTEM

Professional pickup system with variable capacitor system and patented amplifier bridge circuit. Frequency response ± 1 db 20-20,000 cps. Compliance 20x10⁻⁴ cm/dyne. Channel separation 40 to 35 db 20-15,000 cps. Output—1 volt at 1,000 cps. Tracking force 3/4 to 1 gram. Hum and noise — 60 db at 7 cm/sec. 1000 cps. Moving mass, 6MG. — amplifier bridge circuit. Dgm, 2 1/4x3 3/4x5 1/4"L. With 0.3 mil diamond stylus. Shpg. wt., 2 lbs.

21 A 6925L Net 129.50

(B) WEATHERS LDM STEREO CARTRIDGE

The LDM stereo cartridge utilizes the same principle as Weathers Professional model used today by many FM stations across the nation for multiplex stereo broadcasting. Featured is a special "Stress Generator" principle which eliminates excessive weight and mass. Totally free of induced hum. — will track perfectly at one gram (recommended). Specs: Stylus: 7 mil radius diamond, .3 milligram tip mass; Freq. Response: 20 to 20,000 cps at ± 2 db; Output: 5 mv @ 7 centimeters per sec. Shpg. wt., 7 oz.

21 A 6926L Net 39.50

NEW! DUAL 1009 AUTOMATIC RECORD PLAYING INSTRUMENT



A deluxe record playing instrument (RPI) which features a seven pound plus, dynamically balanced non-ferrous platter. Precision oscilloscope balanced, high torque, 4-pole motor that resists variations in line voltage up to $\pm 10\%$. A unique three point suspension system provides remarkable acoustic isolation that is virtually im-

penvious to mechanical vibration or acoustic feedback. Dynamically balanced professional tone arm. Stylus pressure is added by a multiple-coil, precision watch type spring through a direct reading dial. The self-stabilizing feature of the spindle permits changing or adding records to the stack during play. Dimensions: 12 7/8" x 1 1/2" width, depth 10 3/4" x 1 1/2", above top of motor board 6 1/2" below top of motor board 3 1/2". Shpg. wt., 19 1/4 lbs. Imported

* Additional 1/2" allows for counterweight clearance in cabinet installation.

21 A 6500WX Dual 1009 RPI Net 94.75

ACCESSORIES FOR DUAL 1009

21 A 6525 Model AS-6 45 RPM spindle Net 4.80

21 A 6526 Model CH-6 Extra Cartridge Holder Net 3.00

21 A 6501 Oil walnut base for dual 1009. Shpg. wt., 3 lbs. Net 9.95

DUAL 1009 TURNTABLE/CARTRIDGE COMBINATIONS

A selection of world famous stereo cartridges installed in the Dual 1009 RPI Turntable at Lafayette's regular low, low, prices.

Dual 1009 RPI plus Pickering U38/AT stereo cartridge

21 A 6502WX Net 94.76

Dual 1009 RPI plus Shure M3D stereo cartridge

21 A 6503WXM Net 94.76

Dual 1009 RPI plus Empire 880 stereo cartridge

21 A 6505WXM Net 94.76



NEW GRADO LABORATORY SERIES MODEL MK-1 TURNTABLE

- Designed for the complex Problems of Stereo
- Pre-mounted on Oiled Walnut base

The Grado Laboratory Series MK-1 Turntable with its exclusively patented "between bearing center drive system" is a completely new concept in turntable design. Operates as a "gyroscopic flywheel" mounted between bearing centers. Flywheel weighs 9 lbs; thus allowing for a smooth and easy rotation of the platter. Wow and flutter are unmeasurable, rumble: -70 db. Because of the ease of rotation, practically no power is required to drive the flywheel. Utilizes 2 12-pole, hysteresis synchronous type motors. Single speed operation for minimum distortion and maximum sound reproduction qualities. Size: 16Wx13 1/2Dx8 1/2"H. Shpg. wt., 30 lbs.

MK-1 Turntable mounted on oiled walnut base.

21 A 4100WX Net 99.50

Model MK-1 Integrated turntable with Laboratory series tone arm and Dustat; mounted on oiled walnut base.

21 A 4101WX Net 153.00

GRADO DUSTAT



- Velvet Touch Record Cleaner for Your Turntable

Substantially reduces the electrostatic charge on records and completely removes dirt and grit. The Grado Dustat Record Cleaner is easy to install and is fully adjustable to any turntable.

21 A 4125 Net 6.95

GRADO ARMS and CARTRIDGES



Lab Cartridge



Lab Arm

LABORATORY STEREO ARM

A superb instrument designed for the ultimate in stereo performance. Constructed of the finest hand-rubbed gumstock walnut with metal fittings of machined aluminum. Features include separate balance adjustments for the vertical and lateral plane of arm movement. A precise micrometer tracking force adjustment is accurate to the tenth of a gram. Total length of the arm is 11 1/4" with a minimum of ear overhang. Supplied completely wired to the preamp, with no soldering necessary. Shpg. wt., 3 lbs.

"LAB" SERIES CARTRIDGE

Moving coil cartridge provides utmost quality. Freq. response 10-30,000 cps ± 1 db; output 6 mv at 10 CMV; channel separation 30db; compliance 12x10⁻⁴ With diamond stylus. Shpg. wt., 5 oz.

21 A 4126L Net 49.50

"CLASSIC" CARTRIDGE

Same basic design as Lab series, but frequency response 15-28,000 cps ± 1 db, and channel separation 25 db; with diamond stylus.

21 A 4127L Net 37.50

"SENATOR" CARTRIDGE

High quality, economically priced moving coil cartridge. Freq. response 18-24,000 cps ± 1.5 db; output 9 MV, Separation 20db, compliance 8x10⁻⁴. With diamond stylus.

21 A 4128L Net 24.95



ADC-1/MARK II

ADC-40

ADC STEREO PICKUPS

Model ADC-1/Mark II. Compatible with the finest stereo equipment. Pickup distortion is reduced to the point where it is negligible with channel separation —30 db from 50-7,000 cps. Tracking as low as 1/2 gram. Frequency response is 10 to 20,000 cps ± 2 db. Designed to fit all standard 1/2" and 3/4" mounting centers— adapts to virtually all tone arms. Complete with RIO Diamond .6 mil stylus.

21A1300L Shpg. wt., 8 oz. Net 49.50

ADR-R1 diamond replacement assembly for ADC-1 cartridge.

21A1301L Net 25.00

Model ADC-40. Features adjustable counterweight; accurately machined and treated tone arm of walnut wood suppresses extraneous resonances. Arm length complete—10 3/4" overall. Pivot to stylus tip 9"—plug in type head.

21A1302L Shpg. wt., 2 lbs. Net 44.50

Model ADC-85. Pritchard Pick-up System consists of ADC-40 with ADC-1/Mark II stereo cartridge.

21A1303L Shpg. wt., 2 1/2 lbs. Net 89.50

RENOWNED AR 2-SPEED STEREO TURNTABLE/TONEARM COMBINATION

- Complete With Precision Tone Arm
- Oiled Walnut Base and Transparent Dust Cover



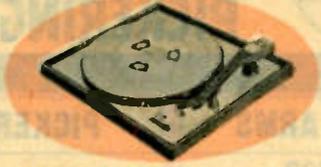
A new outstanding turntable featuring a precision arm, oil walnut base and transparent dust cover in one compact unit. The rugged 3.3 lb. balanced aluminum platter is belt driven from synchronous motors operating at 33 1/3 and 45 RPM, turntable and arm are shock-mounted from the top plate eliminating vibration. Tone arm floats down to the record if dropped, but damping mechanism is disengaged as soon as the needle touches the record. Meets NAB specifications for broadcast equipment on wow, flutter and speed accuracy. Also includes cables, overhang adjustment device and needle force gauge. Size with cover—12 9/16 x 16 1/4 x 5 1/4".

21 A 7201WX Net 68.00

EASY BUDGET PLAN SEE PAGE 412

Weathers FAMOUS THIN LINE TURNTABLES

WEATHERS K-"66" STEREO INTEGRATED TURNTABLE



- Complete with LDM Stereo Cartridge and Stereo Tone Arm
- Uses 2 Precision Hysteresis Synchronous Motors
- 33 1/3 RPM Turntable
- Only 2" High—Including Beautiful Walnut Base

A lightweight, low silhouette turntable departing radically from conventional "battleship" design. Rumble, wow, flutter and acoustic feedback are virtually eliminated. Suspension on neoprene "seismic platform" produces isolation from floor vibrations of more than 500 to 1. Accurate within one revolution per hour. Size: 16Wx14Dx2"H (excluding tone arm). Shpg. wt., 8 lbs.

21 A 6901WX Net 129.50

MODEL ML-66 STEREO TURNTABLE



- Only 2 Inches High—Weighing But 6 lbs. Including Beautiful Walnut Base
- Uses 2 Precision Hysteresis Synchronous Motors
- Single Speed 33 1/3 RPM

A lightweight, low silhouette turntable departing radically from conventional "battleship" design. Not only striking in appearance but also engineered especially for today's high compliance stereo cartridges and tone arms. Rumble, wow, flutter and acoustic feedback are virtually eliminated. Suspension on neoprene "seismic platform" produces isolation from floor vibrations of more than 500 to 1. Accurate within one revolution per hour. Size: 16Lx14Dx2"H. Shpg. wt., 7 lbs.

MODEL ML 66 Turntable Only with Walnut Base

21 A 6902WX Net 75.00

MODEL ML-66A. Turntable with Walnut Base and Integrated Viscous Stereo Tone Arm.

21 A 6903WX Shpg. wt., 8 lbs. Net 99.50

BOGEN-PRESTO VARIABLE SPEED Hi-Fi Stereo Turntables



MODEL B50-16LCS—Factory equipped for stereo, this model will accept standard stereo and monaural cartridges. For discs up to 16" diameter. Continuously variable speed control from below 16 to 86 rpm, notched at 16 2/3, 33 1/3, 45 and 78 rpm. Heavy-duty 4 pole constant-velocity motor. Weighted balanced turntable of 11 1/4" diameter, is fitted with a serrated rubber pad to minimize transfer of mechanical vibration. "Wow" less than 0.5%; negligible rumble. "Feather-Drop" action of pickup arm prevents damage to stylus or record. Adjustable stylus pressure. Supplied with vibration isolators. For 95-125 volts, 60 cps AC. Mounting space 15x11 1/8x2 3/4" above and 1 1/8" below mounting board. Shpg. wt., 17 lbs. Imported.

B50-16LCS — With olur-in-head — less cartridge

21 A 1750W Net 49.90

PB-5 Mahogany Wood base for B50 Turntable. Shpg. wt., 5 lbs.

21 A 1751W Net 4.80

H-2 Plug in Head-wired for stereo for B50 turntable.

21 A 1752 Net 2.75

MODEL B61 PHONO MECHANISM—completely wired for stereophonic and monaural high fidelity systems. Four pole, heavy duty, constant-velocity motor and non-ferrous 7 1/2 lbs. turntable providing no measurable hum or flutter. Four speeds, 16 2/3, 33 1/3, 45 and 78 rpm, continuously variable from 29 to 86 rpm. Professional style arm has plug-in head. Arm is raised and lowered by flip-switch and features micrometer-type, easy to read weight adjustment gauge. For 95-125 volts 60 cps AC. Shpg. wt., 20 lbs. with plug-in head, less cartridge.

21 A 1753WX Imported Net 64.95

MODEL COV-1 Plastic Dust Cover for B61 Turntable.

Shpg. wt., 1 lb. Net 5.50

21 A 1756 Net 5.50

PB-6 Walnut Wood Bases for B61. Shpg. wt., 5 lbs.

21 A 1754W Net 5.25

H-4 Aluminum Head — Plug-In head for B61

21 A 1755 Net 4.00



TROUBADOR

EMPIRE DELUXE 398 RECORD PLAYBACK SYSTEM

The Troubador consists of the 208 transcription turntable and the 980 Stereo/Balance arm completely shock-mounted on a walnut base, with AC line cord and shielded phono input cables. No cartridge is supplied. The DC8 turntable is a professional quality, precision-built turntable operating at 33 1/3, 45 and 78 rpm. Features a handy push-button power control. Pop-up 45 rpm adapter spindle. Rumble and wow specifications surpass laboratory and broadcast requirements. 110 volts, 60 cycle, AC.

The 980 Arm is Empire's finest and is fully described on another page in this section. Overall size of Troubador 398 system is 17Wx15Dx8 1/4"H. Shpg. wt., 28 lbs.

21A3450WX Satin chrome finish Net 175.00

21A3451WX Satin gold finish Net 175.00

THORENS

SWISS CRAFTED TURNTABLES



TD-124 TRANSCRIPTION TURNTABLE

Engineered to meet the most critical broadcast standards. Incorporates all newest features: 4-speed, each speed adjustable • Built-in stroboscope complete with neon bulb • 11 1/2 lb. cast-iron and aluminum turntable • 4 precision-machined levelling knobs and built-in spirit level • Cueing clutch • Single control knob • Low wow, flutter, rumble • New-design induction type rotor-isolated drive motor • 15 1/2 x 12 7/8"; depth 2 3/4" • Shpg. wt., 32 lbs.

21 A 3201WX Net 125.00

Walnut Wood Base for TD-124. Shpg. wt., 6 lbs.

21 A 3202W Net 10.00

Mahogany Wood Base for TD-124. Shpg. wt., 6 lbs.

21 A 3203W Net 10.00



TD-135 4-SPEED STEREO TURNTABLE

- Uses TD-125 Professional Stereo Integrated Tone Arm

Exceeds NAB specifications for rumble, wow and flutter Features include: 4 speeds plus automatic shut-off • 8 lb. cast-iron, non-magnetic 12" table • Variable speed control (± 3%). For operation at any voltage from 100 to 250 volts, 50-60 cycle AC. 15Wx12"D; extends 2 1/2" below panel, 3" above. Shpg. wt., 35 lbs.

21 A 3204WX TD-135 Integrated Turntable Net 125.00

Walnut Base for TD-135. Shpg. wt., 6 lbs.

21 A 3205W Net 7.00

Mahogany Base for TD-135. Shpg. wt., 6 lbs.

21 A 3206W Net 7.00

THORENS



TD-121 33 1/3 RPM TURNTABLE

Precision made for quality performance at 33 1/3 RPM (speed is easily convertible to 16 2/3, 45, or 78 RPM by repositioning the idler wheel). Special Features! Single speed operation for maximum efficiency • Heavy, non-magnetic 12" table for speed stability • Exceeds NAB specs for rumble, wow and flutter • Idler wheel and belt drive for motor isolation • Operates on 110 volts, 60 cps AC • 15 1/2 x 12 7/8"; depth 2 3/4" • Shpg. wt., 32 lbs.

21 A 3207WX Net 85.00

Walnut Wood Base for TD-121. Shpg. wt., 6 lbs.

21 A 3202W Net 10.00

Mahogany Wood Base for TD-121. Shpg. wt., 6 lbs.

21 A 3203W Net 10.00

WORLD FAMOUS

STEREO CARTRIDGES by PICKERING, SHURE and EMPIRE

SHURE CARTRIDGES and TONE ARMS



THE MAGNIFICENT M3D PROFESSIONAL CARTRIDGE

- Studio Quality • Shure Finest

Designed to satisfy the critical ear of the music lover, the reproduction of this moving coil cartridge is singularly smooth and completely compatible. It plays both stereo and monaural discs. The cartridge features low distortion, high output (5 mv per channel) minimum hum pickup and no magnetic attraction plus the following specifications: Response, 20 to 15,000 cps. Channel separation more than 20 db. Compliance, 4.0x10⁻⁴ cm/dyne. Tracking force, 3 to 6 grams. Fits all 4-lead and 3-lead cartridge holders. With 0.7 mil diamond stylus,

- 21 A 6201L Model M3D Shpg. wt., 5 oz. Net 15.88
- 21 A 6202L Type N3D Replacement diamond stylus assembly Net 10.29



M7D CUSTOM STEREO CARTRIDGE

A new moving magnet stereo cartridge with .7 mil diamond stylus. Frequency response: 20 to 15,000 cps. Channel separation: More than 20 db at 1000 cps.

Output voltage: 5 mv per channel at 100 cps. Vertical and lateral compliance: 3.5x10⁻⁴ cm/dyne. Recommended load impedance is 47,000 ohms. Tracking force: 4 to 7 grams. Tracks perfectly in all record changer arms. Has 4 terminals; adaptable to 3-terminal arms. Shpg. wt., 5 oz.

- 21 A 6203L Shure M7D Net 11.76
- 21 A 6204L SHURE N7D Net 8.16

SPECIAL LOW FORCE CARTRIDGES

The M3 and M7 cartridges are available with the N21 Diamond stylus for finest compliance. Use only in arms that track at 2 grams or less.

- 21 A 6205L M3-N21D Net 46.30
- 21 A 6206L M7-N21D Net 38.01
- 21 A 6207L N21D Replacement diamond stylus Net 24.25

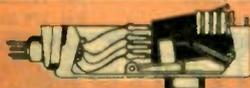


SERIES M33 STEREO CARTRIDGES

Extraordinary compliance for use in low pressure turntable arms. Features channel separation of over 22.5 db, frequency response 20-20,000 cps., output per

channel 6 mv., and compliance of 22.0x10⁻⁴. Fits standard 1/2" mtg. centers. Has 4 terminals with adaptor for 3-terminal stereo or monaural use. Model M33-7 supplied with .7 mil diamond stylus for use with tracking force of 1 1/2 to 3 grams. M33-5 with .5 mil diamond stylus for 1 1/2 grams or under. Shpg. wt., 7 oz.

- 21 A 6208L Model M33-7 Net 35.77
- 21 A 6209L Model M33-5 Net 33.77
- 21 A 6210L N33-7 diamond stylus only Net 19.11
- 21 A 6211L N33-5 diamond stylus only Net 19.11



SHURE STEREO DYNETIC GARRARD-A-MATIC HI-FI CARTRIDGE ASSEMBLY

For Garrard Type A & AT6 Changers

24 75

- Factory Mounted in Garrard-Type Pick-up Head
- Special Retractable Safety-Suspension System Provides Scratch-Proof, Bounce-Proof Performance
- Automatically Prevents Needle Damage, Prolongs Record Life

The M99 "Garrard-A-Matic" Cartridge is especially designed for use with Garrard A and AT6 automatic turntables. If arm is dropped or needle pressure exceeds 3 grams, entire cartridge retracts and a soft-no-scratch "bumper" contacts the record surface eliminating damage to the .0007" diamond stylus and/or record. Nothing else to buy—completely assembled—just plug in! Response, 20-20,000 cps. Output Voltage, 6 mv per channel. Separation, 22.5 db @ 1000 cps. Tracking, 1 1/2 to 3 grams. With .0007" diamond stylus. Shpg. wt., 2 oz.

- 21 A 6212 Shure M99/A Cartridge Assembly Net 24.75
- 21 A 6214 Shure M99/AT6 Cartridge Assembly Net 24.75



SHURE PROFESSIONAL TONE ARM

A new premium quality tone arm that ACCEPTS PRACTICALLY ALL CARTRIDGES and permits them to operate at their maximum potential performance. Features precision ball bearings at all pivot joints, plug in head with positive alignment lock and variable height adjustment. Positive visual control over balance without altering overall arm length. Tracking force 0-8 grams. Comes with arm rest, mounting template mounting hardware. Shpg. wt., 2 lbs.

- 21 A 6251L Shure M232 for 12" Records Net 29.35
- 21 A 6252L Shure M236 For 16" Records Net 31.31
- 21 A 6253L Shure A23H Extra Pltg in head Net 2.35

PICKERING CARTRIDGES and STYLI

THE SUPERB U38/AT

- At Last a Cartridge Designed to Take Full Advantage of Automatic Turntables

A completely mu-metal shielded stereo cartridge which has the high compliance and ruggedness demanded by all types of automatic turntables and changers. Combines high output of 10 mv per channel with extremely low signal-to-noise ratio. Freq. response: ± 2 db. from 20 to 20,000 cps.; Interchannel Isolation 35 db; Tracking force 2 to 5 grams. Complete with .7 mil diamond stylus. Mounts on 3/4" to 1/2" centers. Shpg. wt., 7 oz.

- 21 A 5301L Net 16.61
- 21 A 5302L Type D-3807AT repl. diamond stylus Net 9.70



PICKERING PLUG-IN HEAD ASSEMBLIES FOR GARRARD AUTOMATIC TURNTABLES

- Pre-Mounted Head Assemblies Featuring Pickering's Exclusive "Floating Stylus"

New, plug-in head assemblies with pre-mounted cartridge for Garrard automatic turntables featuring Pickering's exclusive "Floating Stylus." Includes superb U38/AT stereo fluxvalve cartridge with D3807AT Safe-V-Guard "Floating Stylus" pre-mounted in plug-in heads for Garrard Type A and Model AT6 automatic turntables. Tracking force 4 grams. Shpg. wt., 12 oz.

- 21 A 5312L GA/38AT Cartridge Assembly for Garrard A Net 21.51
- 21 A 5314L G6/38AT Cartridge Assembly for Garrard AT6 Net 21.51
- D3807AT-Type .7 Mil Safe-V-Guard Floating Stylus Replacement. Net 9.70
- 21 A 5302L Net 9.70



PICKERING MODEL 380 STEREO FLUXVALVE CARTRIDGE

Fits all record changers and tone arms. Hermetically sealed in precious mu-metal for hum-free performance. Response flat from 20 to 20,000 cycles. Channel separation of 25 db. Output: 2 mv/cm/sec channel. Four output terminals. Recommended tracking force shown alongside stock numbers. 380A and 380C with .7 mil diamond stylus, 380AA with .5 mil. Shpg. wt., 5 oz.

- 21 A 5303L Model 380C For Changers—Tracking force 4-7 grams. Net 11.64
- 21 A 5304L Model 380A For Tone Arms—Tracking force 2-5 grams. Net 11.64
- 21 A 5306L Type D-3807C Repl .7 mil diamond for 380C Net 9.70
- 21 A 5307L Type D-3807A Repl .7 mil diamond for 380A Net 9.70



DIAMOND STYLI FOR OTHER PICKERING CARTRIDGES

Stock No.	Pick. No.	Size	For Cartridge	Net
21 A 5308L	D-3510	1 mil	Series 350 and 370	11.76
21 A 5309L	D-3527	2.7 mil	Series 350 and 370	11.78
21 A 5310L	D-3505	.5 mil	Series 350 and 370	14.73
21 A 5311L	D-9007	.7 mil	Series 90. Also fits Mark IIC	7.35

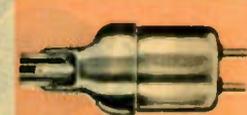
EMPIRE CARTRIDGES and TONE ARMS

THE OUTSTANDING 880

- Frequency Response 10-28,000 cps
- Channel Separation over 30db

Empire's Model 880 is a fine hi-fi stereo cartridge that will give outstanding reproduction. Channel separation exceeds 30 db. Freq. response for Model 880 is 10-28,000 cps and Model 880P 6-30,000 cps ±1.5 db. Output is 8 mv per channel, balanced to .25 db. Dynamic mass is .7x10⁻³ grams and compliance is 15x10⁻⁴ cm/dyne. Model 880 supplied with .7 mil diamond stylus, tracking pressure 3/4 to 6 grams, and is recommended for changers, automatic turntables and some tone arms. Model 880P has .6 mil diamond stylus, tracking pressure 1/4 to 3 grams, and is for professional playback arms. Shpg. wt., 7 oz.

- 21 A 3401L Model 880 Net 17.95
- 21 A 3402L Model 880P Net 19.95
- 21 A 3403L .7 mil diamond stylus for 880 Net 8.48
- 21 A 3404L .6 mil diamond stylus for 880P Net 10.09



EMPIRE 980 ARM

Features free suspension and perfect dynamic balance in all planes. Maximum compliance, tracks at less than 1 gram. Fundamental resonance 8 cycles. Calibrated knob-"dials" stylus force up to 8 grams, 5-wire circuit eliminates ground loops. 4 ft. shielded cable assembly plugs in. Overall length 12 3/4". Height adjustable 1 1/4". Shpg. wt., 2 lbs.

- 21 A 3430L Satin chrome finish Net 50.00
- 21 A 3431L Satin Gold finish Net 50.00
- 21 A 3432L Additional bracket for mtg. cartridges. Wt., 3 oz. Net 1.95



GENERAL ELECTRIC HI-FI COMPONENTS

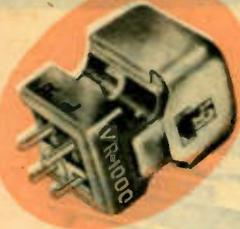
VR-1000 SERIES ORTHONETIC MAGNETIC STEREO CARTRIDGES

MODEL VR-1000-5 FOR TURNTABLES

Complete with .5 mil diamond stylus designed for use with professional type turntable and tone arm or any changer requiring less than 4 grams tracking force. Freq. response ± 3 db from 20 to 20,000 cycles with recommended load resistance of 47,000 ohms on each channel. Output is 1 millivolt per cm/sec. of stylus velocity, balanced within 2 db or better at 1000 cycles. Channel separation up to 30 db per channel at 1000 cycles. Recommended tracking force 1-3 grams. Lateral compliance 6×10^{-4} cm/dyne. Vertical compliance 9×10^{-4} cm/dyne. $\frac{1}{2}$ inch mounting centers. Shpg. wt., 6 oz.
 21 A 3801L VR-1000-5 Cartridge Net 14.38
 21 A 3802L Type DR-5D Repl. diamond stylus Net 8.19

MODEL VR-1000-7 FOR CHANGERS

This model is essentially the same as the VR-1000-5 but is designed for the greater tracking force of 3-7 grams required by most changers. Separation is 25 db optimum in critical stereo range. Lateral compliance is 4.5×10^{-4} cm/dyne. vertical compliance, 4.0×10^{-4} cm/dyne. Shpg. wt., 6 oz.
 21 A 3803L VR-1000-7 Cartridge Net 12.22
 21 A 3804L Type DR-7D Repl. diamond stylus Net 6.78



VR-1000-5

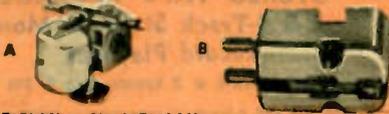


G.E. VR-22 STEREOPHONIC MAGNETIC VARIABLE RELUCTANCE HIGH FIDELITY CARTRIDGES

MODEL VR-227 with .7 mil diamond stylus. A ground strap allows use of this cartridge with either 3- or 4-wire stereo systems. SPECIFICATIONS: Frequency response: 20-17,000 cps. Output: 6 mv. per channel at stylus velocity of 5.5 cm/sec. Channel separation: up to 30 db. Lateral compliance 3×10^{-4} cm/dyne. Vertical compliance: 2×10^{-4} cm/dyne. Recommended load, each channel: 47,000 ohms. Recommended tracking force: 5 to 7 gms. Shpg. wt., 6 oz.
 21 A 3805L GE VR-227 Net 9.97
 21 A 3806L GE VR-222 Repl. diamond stylus Net 4.76

MODEL VR-225 with .5 mil diamond stylus. Designed for use with transcription arms and turntables. Essentially the same as VR-227 except frequency response 20-20,000 cps; lateral compliance 4×10^{-4} cm/dyne; recommended tracking force; 2 to 4 gms. Shpg. wt., 6 oz.
 21 A 3807L GE VR-225 Net 10.75
 21 A 3808L GE VR-221 Repl. diamond stylus Net 5.45

G.E. MONAURAL SERIES VRII VARIABLE RELUCTANCE CARTRIDGES



TRIPLE-PLAY SINGLE-PLAY

Will fit wherever old RPX cartridges were used. All require the use of a preamplifier. Frequency Response: 20-20,000 cps; Tracking Pressure — (with tone arms) 4 grams — (with record changers) 6-8 grams; Output — 22 millivolts nominal at 10 cm/sec. Mounting — either $\frac{1}{2}$ " standard or $\frac{3}{8}$ "; Terminals: Plug-in design. Independently replaceable Clip-In-Tip styl. Mu-metal shielding and special anti-hum coils.

"TRIPLE-PLAY" CARTRIDGES (A)

Convenient dual-stylus variable reluctance cartridges — a twist of the knob brings either microgroove (LP or 45 rpm) or standard 78 rpm styl into position. 1 mil (.001") stylus is for microgroove. 3 mil (.003") is for standard records. All models have individually replaceable, slide-in, "clip-in-tip" styl. † Synthetic

Stock No.	GE Type	Stylus	Net
21 A 3809	4G-050	1 & 3 mil sapphire †	7.61
21 A 3810	4G-052	1 mil diamond—3 mil sapphire †	9.97
21 A 3811	4G-053	1 & 3 mil diamond	11.73

"SINGLE-PLAY" CARTRIDGES (B)

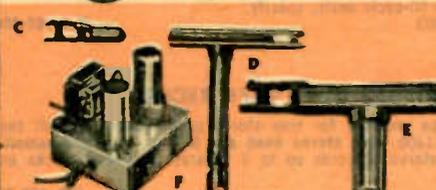
Single-stylus variable-reluctance cartridges with replaceable "clip-in-tip" sapphire or diamond styl: 1 mil (.001") microgroove and 3 mil (.003") standard 78 rpm types. Shpg. wt., 6 oz. † Synthetic

Stock No.	GE Type	Stylus	Net
21 A 3812	4G-040	3 mil sapphire †	5.85
21 A 3813	4G-041	1 mil sapphire †	5.85
21 A 3815	4G-063	3 mil diamond	8.20
21 A 3816	4G-061	1 mil diamond	8.20

Replacement Parts Kit, for VRII Series Triple Play cartridge. Includes, spring, washers, plastic knob. Wt., 2 oz.
 21 A 3817 RKP-009B Net .29



PHONO ACCESSORIES



GE REPLACEMENT STYLI FOR ALL MODELS

"CLIP-IN-TIP" STYLI FOR VRII SERIES (C)

Replacement for individual stylus tips on either "triple-play" or "single-play" models of the VRII Series only — NOT FOR RPX TYPE A SERIES. Shpg. wt., 2 oz.

Stock No.	GE Type	Stylus	Net
21 A 3818	4G-01S	1 mil sapphire †	1.57
21 A 3819	4G-02S*	2.5 mil sapphire †	1.57
21 A 3820	4G-03S	3 mil sapphire	1.57
21 A 3821	4G-01D	1 mil diamond	4.08
21 A 3822	4G-02D*	2.5 mil diamond	4.08
21 A 3823	4G-03D	3 mil diamond	4.08

SINGLE STYLI (E) (NOT Clip-In-Tip)

For replacement in old-style single-stylus cartridges RPX-040, —041, —063, —061. Assemblies complete with 1 mil (.001"), 2.5 mil (.0025") or 3 mil (.003") styli. These cartridges are not convertible to "clip-in-tips". Shpg. wt., 2 oz.

Stock No.	GE Type	Stylus	Net
21 A 3824	RPJ-004	1 mil diamond	4.08
21 A 3825	RPJ-002*	2.5 mil diamond	4.08
21 A 3826	RPJ-003	3 mil diamond	4.08
21 A 3827	RPJ-005	1 mil sapphire †	1.57
21 A 3829	RPJ-006*	2.5 mil sapphire †	1.57
21 A 3830	RPJ-001	3 mil saophire	1.57

GE MONAURAL PREAMP (F)

UPX 003C — Self-powered preamp for use with GE or similar magnetic cartridges and low level mikes. Has 7025 tube in equalizing circuit, plus rectifier. Input jack, mike-phon switch, 14" output lead with phono plug. 18 db bass boost at 50 cps on "Phono", Flat on "Mike". For 117 volts, 60 cycles AC. $3\frac{3}{8} \times 3\frac{3}{8} \times 3\frac{3}{8}$ ". Complete with tube. Shpg. wt., 2 lbs.
 21 A 3900 UPX-003C Net 11.72

"CLIP-IN-TIP" STYLI (C)

For RPX Type A (RPX-050A, —052A, —053A, —041A, —040A, —061A, —063A) and broadcast types RPX —145, —146, —147. Also used as replacements in the above Dual Stylus Assemblies — RPJ010A —012A, —013A, —007A, —011A. Old stylus tip slides out, new one slides in.

Stock No.	GE Type	Stylus	Net
21 A 3831	RPJ-01D	1 mil diamond	4.08
21 A 3832	RPJ-02D*	2.5 mil diamond	4.08
21 A 3833	RPJ-03D	3 mil diamond	4.08
21 A 3834	RPJ-01S	1 mil sapphire	1.57
21 A 3835	RPJ-02S*	2.5 mil sapphire	1.57
21 A 3836	RPJ-03S	3 mil sapphire	1.57

DUAL STYLUS ASSEMBLIES (D)

Convert old-style RPX-050, RPX-052, RPX-053, RPX-047 for use with "clip-in-tip" individually replaceable styl. Complete with styl as shown. Shpg. wt., 2 oz.

Stock No.	GE Type	Stylus	Net
21 A 3837	RPJ-010A	1 & 3 mil sapphire	3.39
21 A 3838	RPJ-012A	1 & 3 mil diamond	8.19
21 A 3839	RPJ-013A	1 mil diamond—3 mil sapphire	4.76
21 A 3840	RPJ-007A*	1 & 2.5 mil sapphire	3.39
21 A 3841	RPJ-011A*	1 & 2.5 mil diamond	8.19

PICKERING-STANTON HIGH FIDELITY CARTRIDGES AND ARMS

SERIES 481 CALIBRATION STANDARD STEREO FLUXVALVE CARTRIDGE



Designed by Audio Engineers for the Broadcast Studio

More than a pickup, the 481 series is individually calibrated and developed for the recording industry as a laboratory standard for quality control. Frequency response: ± 1 db from 20-10,000 cps and ± 2 db to 17,000 cps. Channel separation: 35 db. Type 481AA with .5 mil diamond stylus for arms with tracking force of $\frac{1}{2}$ to 2 $\frac{1}{2}$ grams. Output: 5 mv/cm; Type 481A with .7 mil diamond stylus for arms with tracking force 2 to 5 grams. Output .8 mv/cm. Not recommended for changers. Shpg. wt., 7 oz.

21 A 5325L Model 481A	Net 48.00
21 A 5326L Model 481AA	Net 49.50

PROFESSIONAL SERIES 400 STEREO FLUXVALVE CARTRIDGES



Professional series designed for both broadcast and home high fidelity systems. Freq. response 20-20,000 cps. Separation: 35 db. Outputs: type 400C 2.6 mv/cm, 400A 1.4 mv, 400AA .85 mv. Use 400C for changers with tracking force 4-7 grams, 400A for arms of 2-5 grams and 400AA with arms $\frac{1}{2}$ to 2 $\frac{1}{2}$ grams. Shpg. wt., 7 oz.

21 A 5331L Type 400C with .7 mil diamond stylus	Net 36.00
21 A 5332L Type 400A with .7 mil diamond stylus	Net 42.00
21 A 5333L Type 400AA with .5 mil diamond stylus	Net 43.50
21 A 5334L Type D-4007C .7 mil stylus for 400C	Net 12.00
21 A 5327L Type D-4007A .7 mil stylus for 400A	Net 18.00
21 A 5328L Type D-4005AA .5 mil stylus for 400AA	Net 18.50

STANTON UNIPOISE 200 ARM



Designed for tracking less than 1 gram with a high compliance, low mass stylus. Features single pivot bearing for friction-free motion in all planes, simple balance adjustment in all planes, super-sensitive calibrated stylus force adjustment, all metal construction, ultra light-weight, 11 $\frac{1}{2}$ " overall length. Universal cartridge mount. Wt. of moving system 4 $\frac{1}{2}$ oz. Shpg. wt., 2 lbs.
 21 A 5351 Less Cartridge Net 24.00

Stock No.	Mfr. No.	Size	Tracking Force	Net
21 A 5327L	D-4007A	.7 mil	2-5 Grams	18.00
21 A 5328L	D-4005AA	.5 mil	$\frac{1}{2}$ -2 $\frac{1}{2}$ Grams	19.50
21 A 5329L	D-4010A	1 mil	2-5 Grams	18.00
21 A 5330L	D-4027	2.7 mil	For 78 RPM Records	12.00

NEW! Wollensak TAPE RECORDERS

MODEL T-1400 HI-FI TAPE RECORDER

- 10 WATTS PUSH-PULL OUTPUT • RESPONSE 40-15,000 CPS \pm 3 DB AT 7½ IPS • DISTORTION LESS THAN 0.8%
- WOW AND FLUTTER BELOW 0.3% • SIMPLIFIED KEYBOARD CONTROL • WEIGHS ONLY 18 LBS.

A really precision portable high fidelity recorder made by a famous manufacturer of precision optics. Dual speed (3.75 and 7.5 inches per second), dual-track—provides up to 4 hrs. of record or playback time. Utilizes miniaturized components and all-metal airplane-type construction to achieve real portability—weighs only 18 lbs., measures 6½x10¼x11¾". Takes reels up to 7". Additional features of this outstanding recorder include: signal-to-noise ratio 48 db; 2 special hum balance controls; "Balanced Tone" high fidelity; exclusive high speed rewind lever; 2-level recording indicator; precision index counter. Supplied complete with ceramic wide-range microphone, 1 reel of tape, 1 empty takeup reel, radio-tv attachment cord and hi-fi cable. For 110-120 volts, 60 cycles AC. Shpg. wt., 21 lbs. Also available in 50-cycle units; specify. Net 169.00



LAFAYETTE PRICES

T-1400

T-1440

16900 18900

NO MONEY DOWN

MODEL T-1440 FOUR-TRACK STEREO HI-FI TAPE RECORDER

The Hi-Fi enthusiast's dream in a compact portable tape recorder for true stereo performance. Has all the styling and superb features of the famous monaural T-1400 plus stereo head and built-in second preamplifier. Plays 2 and 4-track monaural and 2 and 4-track stereo. Records up to 4 separate monaural tracks on single roll of tape. 6½"x10¼"x11¾". Shpg. wt., 24 lbs. Net 189.00

ACCESSORIES FOR WOLLENSAK TAPE RECORDERS

- TSC-405—VINYL SLIP-OVER CASE. Fits all models. Net 6.75
- RK-410W Shpg. wt., 2 lbs.
- TE-401 EARPHONES. Low impedance. For all models. Net 9.45
- RK-411 Shpg. wt., 8 oz.
- TF-404 MECHANICAL FOOT CONTROL. For T-1400 and T-1500 Series. Net 15.75
- RK-412 Shpg. wt., 2 lbs.
- A-196-2 MICROPHONE EXTENSION CORD. For T-1400 and T-1500 Series. Net 6.75
- RK-414 Shpg. wt., 1 lb.
- A-196-13 HI-FI CABLE. Connects recorder to Hi-Fi amp or AM-FM tuner. For all models. Net 1.80
- RK-415 Shpg. wt., 4 oz.

- A-196-12 ATTACHMENT CORD. Connects recorder to TV, radio or phono. For all models. Net 2.25
- RK-416 Shpg. wt., 4 oz.
- B-179-5 MIXER. Three inputs—Permits mixing of any combination of 3 microphones, phonos, or radios. For all models. Net 13.50
- RK-418 Shpg. wt., 2 lbs.
- A-196-15 STEREO PRE-AMP CABLE. Connects lower channels of recorder output to input of radio, TV or phono. For T-1440. Net 2.50
- RK-420 Shpg. wt., 8 oz.



31900

NO MONEY DOWN

MODEL T-1580 STEREO TAPE RECORDER 2 & 4-Track Stereo or Mono Record/Playback

- Sound-on-Sound • 2 Speeds—7½ & 3¾ ips

A superb 2 and 4-track stereo or mono tape recorder by Wollensak. Features sound-on-sound recording, PA voice over playback, separate volume control on each stereo channel, precision index counter for accurate monitoring, and a balance tone control on each channel. An instant stop switch is provided for precise editing while an automatic shut-off instantly turns the mechanism off when the end of the reel is reached. Incorporated is an automatic head demagnetizer and a self-adjusting breaking system. Specs—Freq. response: 40-18,000 cps \pm 3 db @ 7½ ips, 40-13,000 cps \pm 3 db at 3¾ ips; Play time: up to 8 hours on 4-track mono, up to 4 hours on 4-track stereo; Power output: 11 watts per stereo channel (22 watts mono); Wow and Flutter: less than .3% each speed; Signal-to-Noise ratio: greater than 48 db; Power consumption: 110 volts AC only; Inputs: mike, phono-radio, and preamp. Complete with 2 mikes, vinyl cover, accessories and cables. Size: 6½x10¼x11¾". Shpg. wt., 26 lbs. Net 319.00

RK-474WX

Net 319.00

NEW NORELCO CONTINENTAL "401" FULLY TRANSISTORIZED PORTABLE TAPE RECORDER



28950

- COMPLETELY TRANSISTORIZED
- 4-TRACK STEREO RECORD/PLAYBACK
- 4 SPEEDS—7½, 3¾, 1½, ¾ IPS
- MIXING AND MULTIPLAY FACILITIES

The model "401" self-contained transistorized stereo tape recorder was designed for use by serious music-lovers, studio-recordsists and high fidelity enthusiasts. For four-track stereo and mono recording and playback. Four tape speeds: 7½, 3¾, 1½ and ¾ ips. FREQUENCY RESPONSE: 60-16,000 cps at 7½ ips, 60-14,000 cps at 3¾ ips, 60-10,000 cps at 1½ ips, 60-4,500 cps at ¾ ips. 4th speed permits 32 hours of recording on single reel. Signal-to-Noise ratio is better than 40 db. Wow and flutter are less than 0.4% at 7½ ips. INPUTS: One 2-channel input for stereo microphone; two 2-channel inputs for stereo tuners or phonos. OUTPUTS: For extension speakers (2); for external amplifiers (2); for stereo headphones (1). Completely self-contained—Includes two wide-range speakers (1 in lid) and dual element stereo-dynamic microphone. For 117 volts, 60 cps AC. Size 18½x15x10". Shpg. wt., 55 lbs. (Imported from Holland) Net 289.50

1¢ BONUS

RECEIVE LAFAYETTE F-767 STEREO HEADPHONES for only 1 CENT with purchase of Norelco 401 Tape Recorder. Net 289.51



MODEL 86 STEREO COMPACT TAPE DECKS

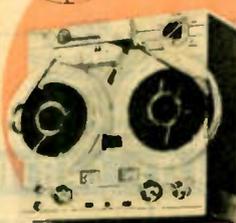
Renowned Viking ¼-track transport mechanism has been combined with a stereo/playback preamplifier of advanced design. Employs a sharp cut-off filter to prevent beating of bias frequency with 38 Kc multiplex carrier frequency. Other Features: "Erase-Protek" recording interlock; monaural-stereo selector switch; automatic equalization for both 3¾ and 7½ ips speeds; variable playback preamplification and "sound on sound". Incorporates separate calibrated VU meters, digital tape counter and head set shift control. Frequency response 25-16,000 cps \pm 3 db @ 7½ ips. Microphone and tape head inputs on front panel; high level input on rear panel. Flutter and wow less than 0.2%. Capstan belt drive. Size: 13x13x9½" deep. (Fits 12½x12½" opening). Requires 110-115 v. 60 cycle AC @ 125 watts.

"STEREO-COMPACT" RMQ. Records, erases and plays back ¼ track stereo and monaural plus ¼ & ½-track stereo playback. Anodized Aluminum. Shpg. wt., 25 lbs. Net 324.50

"STEREO-COMPACT" ERQ. Records, erases and plays back ½ track stereo and monaural plus ¼ & ½-track stereo playback. Anodized Aluminum. Shpg. wt., 25 lbs. Net 332.00

RECEIVE LAFAYETTE F-767 STEREO HEADPHONES for only 1 CENT with the purchase of either Viking Stereo compact deck.

- RK-330WXM Viking Stereo Compact RMQ plus Lafayette Headset 324.51
- RK-331WXM Viking Stereo Compact ERQ plus Lafayette Headset 332.01



1¢ BONUS



Au-gain MODEL HLR RECORDING INDICATOR

Dramatic red on black back lighted "Recording" indicator illuminates when your tape recorder is in operation. Adds professional touch to recording sessions. Helps eliminate unwanted interruptions and noise. 4x8 inch oval case in gray, high impact plastic. Easily attached to any tape recorder. Shpg. wt., 1 lb. Net 6.95



NEW

LAFAYETTE RK-600 4-TRACK STEREO TAPE RECORDER

A Complete Stereo Tape Recording System!



FULLY SELF-CONTAINED

Has Built-in Stereo Record and Playback Amps
... Large 4x6" Speakers Built Into Each End of Case ... Supplied with 2 Dynamic Mikes, Patch Cords and Spare 7" Reel.

The RK-600 is a complete 4-track, 2-speed stereo tape recorder . . . needs no extra amplifiers or speakers. Plug in the microphones supplied and make "live" stereo recordings anywhere . . . play the tape back and hear your recording in full-dimension stereo—you'll be amazed how wonderfully easy it is! The RK-600 also has inputs for recording from radios, FM tuners, Hi-Fi amplifiers, etc. Simply connect the patch cords supplied to your program source and follow the simple recording procedure, either in stereo or monaural . . . lets you keep a permanent recording of your favorite musical programs, etc. The recorder also makes "sound-with-sound" recordings—a feature that allows you to accompany yourself in a duet, add your voice to pre-recorded music, etc. And, "sound-with-sound" allows you to re-record one track if you are dissatisfied with it—without removing the recording on the other track!

Other features include fast-forward and fast-rewind facilities, simple tape threading arrangement, individual neon recording level indicators, a hi-lo tone switch, speaker muting switch, plus extension speaker outputs. The RK-600 is housed in a smart scuff-resistant gray case with handle and is supplied complete with 2 dynamic microphones, patch cords and empty 7" reel. For 117v. 60 cycles AC. Dimensions: 16 1/2" W x 6 1/4" H x 10 3/4" D. Imported. Shpg. wt., 31 lbs. Net 129.50

RK-600WX Net 129.50
RT-10 Tape—7" reel of 1200-ft. acetate tape for above. Shpg. wt., 1 lb. Net 1.59

SPECIFICATIONS

Frequency Response: 40-15,000 cps at 7 1/2 ips, 40-9,000 cps at 3 3/4 ips. Stereo Separation: 40 db. Wow & Flutter: As low as 0.3%. S/N Ratio: 45 db. Reel Capacity: 7" reel. Speakers: (2) built-in 4" x 6" oval. Audio Output: 2 watts. Heads: 4-track—separate record/playback and erase heads, mu-metal shielded.

- PLAYS** 4-Track stereo Tapes
2-Track Stereo Tapes
Monaural 2-Track Tapes
Monaural Full Track Tapes
- RECORDS** 4-Track Stereo
4-Track Monaural

AN UNPRECEDENTED VALUE AT SUCH A LOW PRICE!

ONLY **129⁵⁰** NO MONEY DOWN
\$7 monthly

Delivery Nov. 1, 1963

DELUXE FEATURES

- INDIVIDUAL CHANNEL RECORD BUTTONS.** Offer choice of single track monaural recording or dual track stereo recording.
- SOUND-WITH-SOUND RECORDING.** This feature allows you to listen to one track as you record on the other track. Lets you sing-along with your favorite orchestra, is ideal for speech or language studies or other special effects.
- INDIVIDUAL CHANNEL VOLUME CONTROLS.** Provide volume adjustment on playback, act as input level controls during recording.
- POSITIVE-ACTION CONTROL LEVER.** Assures easy control of rewind, fast forward and record/playback operations.
- PAUSE CONTROL.** Provides safe, instant stop for editing—control is self-holding.
- SOUND DEFLECTOR SIDE PANELS.** Let you deflect speaker sound for best stereo effect.
- 2-SPEEDS.** Choice of 7 1/2 ips or 3 3/4 ips by means of simple capstan adjustment.
- HI AND LO LEVEL INPUTS.** Stereo inputs for recording from microphones, FM stereo tuners, stereo amplifiers, radios, etc.
- MONITOR OUTPUTS.** For playback through stereo amplifier, or for headphone monitoring during recording.

NEW CONCORD 550 TRANSISTORIZED STEREO TAPE RECORDER

- Completely Self-Contained and Transistorized
- 3 Speeds: 7 1/2, 3 3/4, 1 1/2 ips.
- Professional Tape Heads—1/4-Track Stereo Erase; 1/4-Track Stereo Record/Play

The model 550 is a transistorized portable tape recorder with everything you need for recording and playback built right into its compact case. Takes reels up to 7 inches. Easy to use push-button control system. Outstanding features include: 2 professional-type 1/4-track laminated tape heads, 10 watts of audio power, two edge-wise VU meters, monitoring facilities and digital tape counter. Frequency Response: 40-16,000 cps @ 7 1/2 ± 2 db, 40-12,000 @ 3 3/4 ± 2db and 50-7,000 cps ± 3 db. Signal-to-Noise Ratio, better than 50 db. Outputs for external amplifiers and speakers. One high impedance and one low impedance input. All inputs and outputs are color coded. Wow and Flutter less than 0.2% rms at 7 1/2 ips. Comes complete with a dynamic mike, patch cord, extension speaker cord and empty tape reel. For 110-120 volts AC, 60 cycles. Size: 14 W x 9 3/4 H x 13 3/4 D. Shpg. wt. 38 lbs. Imported.

RK-480WX Net 269.50

269⁵⁰

NO MONEY DOWN
\$14 monthly



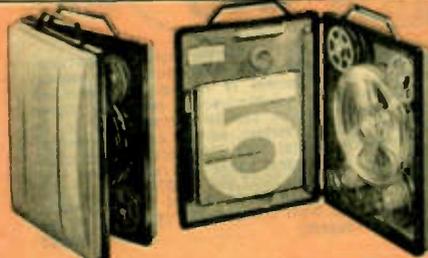
LAFAYETTE 1¢ BONUS



Receive Famous Lafayette F-767 Stereo Headphones for 1c with purchase of Concord 550 Stereo Tape Recorder. Concord 550 plus Headphone RK-482WXM. Net 269.51

NEW SENSATIONAL TAPE KITS

Complete tape kits designed specifically for recording use. Each kit contains actual recording tape and is loaded with needed accessories. Packed in a beautiful, functional carrying case.



- TK7—7" TAPE KIT. Contains: Two 3" reels, two 3 3/4" reels, two 5" reels, two 7" reels, two reels Tape 1200'A, 1 Splicer, 1 Splicing Tape, 2 Leader Tapes, 1 Strobe Tape, 6 Tape Clips, 1 Book—"How To Make Better Tape Recordings," 1 Marking Pencil. RT-160 7" Tape Kit. Shpg. wt., 6 lbs. Net 9.95
- TK3—3" TAPE KIT. Contains: Three 3" reels, two 3 3/4" reels, one 3" reel tape, 1-3 1/4" reel Tape, 1 Splicer, 1 Splicing Tape, 2 Leader Tapes, 1 Strobe Tape, 6 Tape Clips, 1 Book "How To Make Better Tape Recordings." 1 Marking Pencil. RT-161 3" Tape Kit. Shpg. wt., 3 1/2 lbs. Net 6.95

BUTOBA MODEL MT-7 DELUXE PORTABLE TRANSISTOR HI-FI TAPE RECORDER

- Takes 3" Reels
- Two Speeds, 3 3/4 ips & 1 1/2 ips
- Push-Button Controls
- Outstanding Sound Reproduction

A deluxe, fully portable 2-track tape recorder offering remarkable sound reproduction. Weighs a mere 7 lbs. and operates from 4 inexpensive 1.5v batteries. Has simple push-button operation and uses 3" reels at speeds of either 3 3/4 ips or 1 1/2 ips. Plays over 2 hours on one reel at 1 1/2 ips. Features include fast forward and rewind, quick-stop push-button, record level indicator, radio and mike inputs, and built-in high-quality elliptical 3 1/2"x6" speaker. Includes batteries and dynamic microphone. Frequency response 100-12,000 cps at 3 3/4 ips. Wow & Flutter ± 0.5%, output Power 1.0 watt. Size: 12 1/2"x8 1/2"x3 1/2". Imported.

RK-510WX Butoba MT-7 Shpg. wt., 8 lbs. Net 149.95
BA-155 Extra batteries (4 required) Net ea. 13



ROBERTS PROFESSIONAL TAPE RECORDERS

"997" DELUXE 4-TRACK STEREO RECORDER

- Exclusive Multiple Adjustment Head
- 4-Track Stereo and Monaural Record/Playback Plus 2-Track Stereo Playback
- Simplified Sound-with-Sound Record/Playback
- Professional Lever-Type Automatic Shut-Off

A fully self-contained portable stereo tape recorder that offers professional capability and versatility. Use it in conjunction with your stereo system as a tape deck or as a portable with its own self-contained extended-range monitor speakers and 6-watt stereo amplifier. The exclusive Roberts multiple adjustment head allows instant selection of all record/playback functions. It precisely locates and aligns heads for 4-track stereo or monaural record/playback and 2-track stereo playback. Operates in both horizontal or vertical positions and employs a new high torque, fan cooled hysteresis-synchronous motor. Features also include: stereo head, preamp and speaker outputs from each channel; six stereo outputs

for stereo headphones or six sets of stereo speakers; easy-to-use sound-with-sound "Duet" recording (ideal for learning languages, etc.); built-in automatic head demagnetizer; pause lever, 3-digit index counter; twin illuminated VU meters; interlocking controls to prevent accidental erasure of recorded tape. Frequency Response: 40-15,000 cps @ 7½ ips ± 2 db; 40-12,000 cps @ 3¾ ips ± 2 db. Wow and Flutter: Less than 0.12% rms. Signal-to-Noise Ratio: 50 db below recorded "0" level. Record Inputs: 2 high impedance mike inputs; 2 high level line inputs. Accepts up to 7" reels. For 110-125 volts, 60 cps AC. Size: 14Wx20Hx9"D. RK-393WX Shpg. wt., 50 lbs. Imported. Net 449.95

"1057" 4-TRACK STEREO RECORDER

- Exclusive Multiple Selector Panel
- 4-Track Stereo And Monaural Record/Playback Plus 2-Track Stereo Playback
- Makes Multiple Sound-On-Sound Recordings
- Built-In Automatic Head Demagnetizer

An outstanding and highly versatile portable stereo tape recorder that combines matchless performance with ease of operation. Can be used as a fine tape deck with your present stereo system, as a central sound system with your stereo tuner and record changer or as a self-contained portable using its own built-in stereo amplifier and monitor speakers. Exclusive multiple selector panel contains: stereo preamp outputs; 3-position internal speaker switch (normal-mute-monitor); four stereo output jacks for stereo headsets or extension speakers; channel transfer switch for making professional-type multiple sound-on-sound recordings. Also, sound-over-sound and sound-with-sound recordings can be made. Operates in both vertical and horizontal

positions (ideal for custom installation). Other important features include: dual easy-to-read illuminated VU meters; automatic tape shut-off; FM stereo recording facilities; 3-digit index counter; interlocking controls to prevent accidental erasure of recorded tapes in all operating positions; four mixing record inputs; four outputs; separate volume and tone controls for each channel; high torque, wave-wound split phase motor. Frequency Response: 40-15,000 cps @ 7½ ips ± 2 db. Signal-to-Noise Ratio: 42 db below recorded "0" level. Wow and Flutter: Less than 0.2%. Accepts up to 7" reels. For 110-125 volts, 60 cps AC. Size: 13¾Wx15Hx7½"D. Shpg. wt., 32 lbs. Imported. Net 339.95

"1055" 4-TRACK STEREO RECORDER

- 4-Track Stereo and Monaural Record/Playback
- Perfect for Custom Installation
- Automatic Shut-Off
- Ready for Recording FM Stereo Broadcasts

A new compact, self-contained stereo tape recorder that combines professional features with light weight and simplified control. Operates either horizontally or vertically through its own self-contained stereo amplifier and monitor speakers, or through your existing stereo system. Records and plays back both 4-track stereo and monaural recordings and has facilities for recording FM stereo broadcasts. Interlocking controls prevent accidental erasure of tape in rewind or fast forward. Other professional features include: edit lever; edit guide; automatic shut-off; built-in head demagnetizer; digital index counter; separate left and right channel volume controls and tone controls; easy-to-

read VU meter with channel selector switch; left and right channel preamplifier outputs. Frequency Response: 50-15,000 cps @ 7½ ips ± 3 db; 70-10,000 cps @ 3¾ ips ± 3 db. Signal-to-Noise Ratio: Better than 42 db. Wow and Flutter: Less than 0.2% @ 7½ ips. Record Inputs: 2 high impedance mike inputs, 2 high impedance high level phono/radio inputs. Bias and Erase Frequency: 100 KC. Motor and Drive: New heavy-duty motor, dynamically balanced rotor and flywheel. Tube Complement: 2-12AT7, 2-6BM8, 1-6CA4. Accepts up to 7" reels. For 110-125 volts, 60 cps AC. Size: 13¼Wx13¼Hx9½"D. Shpg. wt., 28 lbs. Imported. Net 269.95

ROBERTS TAPE RECORDER ACCESSORIES

S-903B MATCHING STEREO SPEAKER SET

For Use as External Speakers for Roberts 997, 1055, 1057

Enjoy "console" full-range sound with these Roberts "corner enclosure" designed 8" heavy magnet speakers. Engineered for maximum bass response, these two speakers fold together into a single easy-to-carry case. Each unit is factory tuned, like a fine wood instrument. Imported. Net 119.95

54-55 MONO-STEREO HEADSET

Deluxe stereo headset offers mono-stereo selector switch and 2-channel volume adjustment for balancing stereo to individual taste and hearing ability. RK-322 Shpg. wt., 3 lbs. Imported. Net 29.95

90-03 CERAMIC MICROPHONE

This high-quality ceramic microphone has a frequency response of 50 to 12,000 cps. It incorporates a unique combination stand and lavalier attachment. Ideal for use singly for monaural, or in pairs for "live" stereo-phonetic recording. RK-323 Shpg. wt., 2 lbs. Imported. Net ea. 17.95

NEW AMERICAN CONCERTONE MODEL 605-4RK PROFESSIONAL TAPE DECK

- Plays Tape from End to End and Back Automatically
- 2 & 4-Track Stereo Record/Playback
- All-Electric Push-Button Operation



Exclusive Reverse-O-Matic operation plays tape from end to end and back automatically—doubles your listening time without changing reels. Has four separate heads for 4-track erase, record, playback and 2-track playback. Sound-on-sound and add-sound recordings can be made (controlled from front panel by convenient switch). Contains three separate hysteresis-synchronous drive motors, twin easy-to-read VU meters and 3-digit index counter. Solenoid operated brakes assure fast, sure braking action. Automatic rewind for fast 45-second rewind of 1200' tape. Frequency Response: 50-15,000 cps ± 2 db @ 7½ ips, 50-8,000 cps ± 2 db @ 3¾ ips. Flutter and Wow: Less than .2% rms @ 7½ less than .25% rms @ 3¾ ips. Signal-to-Noise Ratio: Better than 55 db. Has four Hi-Z inputs (2 line and 2 microphone) and Lo-Z cathode follower output. Comes with portable carrying case. For 115 volts, 60 cps AC. Size: 16¼Wx14¼Hx6¾"D. Shpg. wt., 48 lbs. Imported. Net 845.00

Tandberg

WORLD RENOWNED FOR QUALITY AND PERFORMANCE



MODEL 64 STEREO TAPE DECK

- Records/Plays 4-Track Stereo-Mono
- Three Speeds—1 1/2, 3 3/4, 7 1/2 ips
- Hysteresis-Synchronous Drive Motor
- Three 4-track Tape Heads

A deluxe stereo tape deck featuring 3 speed recording (7 1/2, 3 3/4, and 1 1/2 ips.) and 3 four track record, erase and playback tape heads. Four built-in pre-amplifiers, two for recording and two for playback. Five push-buttons make for easy operation. Features: built-in FM multiplex, ferrite core erase head, spring-on pressure pad, micro-switch for automatic tape stop, new hysteresis-sync motor and screw-type clutch adjustment. Utilizes printed circuitry for reliability and low maintenance costs, d.c. heating of all tubes, and precision components. SPECIFICATIONS: INPUTS — 2 microphones, 2 High Level, and 2 Low Level; Frequency Response — 30-20,000 cps at 7 1/2 ips, 30-15,000 cps at 3 3/4 ips; and 50-7000 cps at 1 1/2 ips. NOISE LEVEL: 57 DB below maximum record level; RECORD LEVEL INDICATORS: Two sensitive electronic Beam Tubes. WOW AND FLUTTER: 0.1% RMS at 7 1/2 ips, 0.2% RMS at 3 3/4 ips, 0.25 RMS at 1 1/2 ips; CROSS-TALK REJECTION greater than 60 db. 11 Tubes plus 2 Selenium Rectifiers. Lightweight compact, and handsomely styled. For 110-125-145-200-220-245 volts, 60 cps AC. 16 long, 12 wide, 6" high with teakwood cabinet, less mike. Shpg. wt., 30 lbs. Imported from Norway.

RK-359WX Net 498.00
MODEL TC-56. Luggage type carrying case for 64. Net 24.50
RK-366W Shpg. wt., 7 lbs.



MODEL 74 4-TRACK TAPE RECORDER

- Records/Plays 4-Track Stereo-Mono
- Three Speeds—1 1/2, 3 3/4, 7 1/2 ips
- Built in Amplifiers and Speakers
- Furnished in Teakwood Cabinet

An extraordinarily fine self-contained 3-speed stereo tape recorder for your home. Has built-in 6-watt stereo amplifier and 2 7x4" speakers. Precision laminated 4-track head records and plays-back 4-track stereo and mono tapes. Sound-on-sound. Ferrite core erase head, erases any mono track, individually or in pairs. Tape motion level controls forward, fast/forward, rewind and "Free" position for easy tape threading; also includes pause control, automatic tape stop, record/playback amplifier mode switch; separate volume control. Dual record level indicators. Synchronous motor. Response: 30-16,000 cps ± 2 db @ 7 1/2 ips; 40-10,000 cps ± 2 db @ 3 3/4 ips; 55-5000 cps ± 2 db @ 1 1/2 ips. Wow and flutter .15% @ 7 1/2 ips. Mic and line stereo inputs, external speaker output. With teakwood cabinet, cords, tape-up reel. Less mikes. 15 1/4 x 11 3/4 x 6". For 117V, 60 cycles AC. Shpg. wt., 27 lbs. RK-358WX Imported. No Money Down Net 449.50
MODEL TC-56 Luggage Type Carrying Case for 74. Net 24.50
RK-366W Shpg. wt., 7 lbs.

NEW WOLLENSAK T-1980 PROFESSIONAL STUDIO SERIES STEREO TAPE RECORDER



- 2 & 4 Track Stereo or Mono Record/Playback • Sound-on-Sound • 2 Speeds—7 1/2 & 3 3/4 IPS

SPECIFICATIONS

Freq. response: 40-18,000 cps ± 3 db @ 7 1/2 ips, 40-13,000 cps ± 3 db at 3 3/4 ips; Play time: up to 8 hours on 4-track mono, up to 4 hours on 4-track stereo; Power output: 11 watts per stereo channel (22 watts mono); Wow and Flutter: less than .3% each speed; Signal-to-Noise ratio: greater than 48 db; Power consumption 110 volts AC only; Inputs: mike, phono-radio, and preamp. Complete with 2 dynamic mikes. Size: 21 1/4 H x 9 1/2 W x 12 3/4 D. Shpg. wt., 44 lbs.

A deluxe self-contained tape recorder engineered to meet the requirements of both the professional and the consumer. The T-1980 provides complete facilities for 2 & 4 track stereo or monaural record/playback. Features sound-on-sound recording 3-digit index counter for precise indexing of tape, separate VU meter for left and right channel; separate balance and volume controls for each channel. An instant stop switch is provided for precise editing. Automatic shut-off when the end of a reel is reached. Automatic head demagnetizer. Self-adjusting breaking system.

RK-502WX Net 379.00



F-44 SERIES



MODEL 4460

F-4460 is a major advance in 4-track recorders. A tape deck offering superior recording facilities with preamplifier included. Separate erase, record, and playback heads of precision narrow track design eliminate reverse channel cross-talk. New hysteresis motor with internal fan cooling permits timing accuracy of ± 1%. Features automatic tape take-up, built-in mixer — 4 inputs; 2 VU meters and exclusive "Auto-Set" shutoff which operates for either unattended recording or playback. Specs: Freq. Response 50-15,000 ± db at 7 1/2 ips; 50-8,000 cps ± 2 db, 3 3/4 ips; Flutter & Wow under 0.2% rms. 7 1/2 ips. S-N ratio: Better than 55 db at 7 1/2 ips. Size in case 9x15x17 1/2". For 117V AC 60 cps. Shpg. wt., 38 lbs.

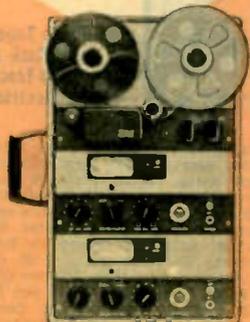
RK-470WX Net 595.00
AMPEX MODEL F-4470
RK-471WX Same as F-4460 but with self-contained speakers Net 605.00
AMPEX MODEL F-4450
RK-472WX Same as model F-4460, but less case Net 549.50



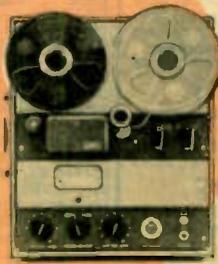
602 SERIES—PROFESSIONAL FIELD RECORDERS



MODEL 622



MODEL 6022-01



MODEL 602-02

Professional recorders by Ampex for studio quality recordings in the field. Feature: monitor of tape or source while recording; separate mixing controls for mike and line, horizontal or vertical operation; big 3" VU meter(s); feed 600 ohm broadcast line. Hysteresis motor. Durable lightweight carrying case. Response: 40-10,000 cps ± 2 db @ 7 1/2 ips. Flutter and wow: less than 0.17% @ 7 1/2 ips. 7 and 5" reel size. Mike and line inputs. Front panel headphone jack. For 117V 60 cycles AC.

MODEL 602-02 Portable Monaural Recorder-Full track 7 1/2 ips. A rugged, dependable recorder that will meet your performance requirements for a professional mono unit. 8x13 1/4 x 16 1/2". Shpg. wt., 28 lbs. RK-467WX Net 625.00

MODEL 6022-01 Portable Stereo Recorder-Two track heads with selective-track erase head. 2-electronic channels give you the versatility of 2-track stereo or half-track mono in one unit. 7 1/2 ips. 8x13 3/4 x 23" Shpg. wt., 42 lbs. RK-468WX Net 875.00

MODEL 622 Speaker/Amplifier for use with above. 10-watts power output, 8" speaker. For 117V 60 cycles AC. Portable carrying case: 13x16x8". Shpg. wt., 25 lbs. RK-469WX Net 189.50

the LATEST in TAPE RECORDER design

NEW! PHENOMENAL vernon MODEL 47/26 STEREO TAPE RECORDER AND AUDIO CENTER



- Complete Audio Center with Solid-State Computer-Type Circuitry
- Self-Contained 4-Track Stereo and Monaural Record/Playback Facilities

- Built-in 20-Watt Stereo Integrated Amplifier
- 47 Transistors, 26 Diodes
- Sound-on-Sound, Sound with Sound

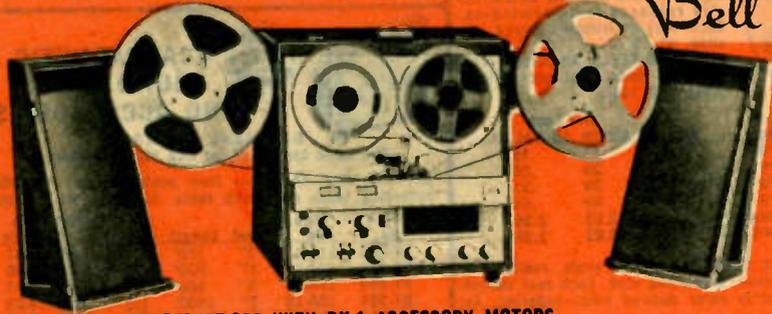
This outstanding new instrument is fully transistorized and completely self-contained. In addition to being an exceptionally fine stereo tape recorder, it is a complete stereo preamplifier and 20-watt amplifier (10 watts per channel) as well. When used with a record player, tuner and speaker systems, it becomes the center of a complete high fidelity home music system. With it you can record and playback 4-track stereo and monaural tapes and obtain such special effects as Sound-on-Sound, Sound-with-Sound and Echo Effects. Features: 47 Transistors, 26 Diodes in Plug-in Computer-type Modules; All-electronic Switching; Three separate Tape Heads; Three Separate Drive Motors; Two Separate Recording Amplifiers; Two Separate Playback Amplifiers; Three Individual Inputs per Channel; Simultaneous Intermix of Inputs; Automatic Shut-off from any Mode; External Speaker and

Preamplifier Outputs; Twin 5" Monitoring Speakers; "OTL" Output Transformless Circuitry; Two VU Meters for Record or Playback; Instant Pause Switch; 45-sec. High-speed Rewind and Fast Forward for 1200' tape. SPECIFICATIONS: Tape Speeds, 7½ and 3¾ ips (plus 0 position for use as amplifier only); Frequency Response, 30-20,000 cps ± 3 db @ 7½ ips & 30-15,000 cps ± 3 db @ 3¾ ips; Audio Output, 10 watts per channel (undistorted); S/N Ratio, more than 50 db @ both speeds; Bias Frequency, 85 KC. Complete with elegantly styled case and 2 omnidirectional dynamic microphones. For 117 volts, 60 cps AC. Overall Dimensions: 15½" x 13½" x 7¾" D. Shpg. wt., 44 lbs. Imported

RR-347WX NO MONEY DOWN Net 600.00

NEW RT-360 PROFESSIONAL TAPE RECORDER

BY Bell



MODEL RT-360 WITH DK-1 ACCESSORY MOTORS

- Now You Can Make High Fidelity Stereo Copies of Your Favorite Tapes all on the Same Machine

The revolutionary Bell RT-360 Professional Tape Recorder allows you to duplicate high quality stereo or monaural tapes with one machine. Utilizes the famous mechanism of the Bell T-347 deck with three-motor drive and electro-dynamic braking. Contains a 16-watt stereo amplifier with playback response from 30 to 20,000 cps. @ 7½ ips with negligible wow and flutter. Twin 6x9" oval speakers are housed in folding, removable baffles which may be relocated for optimum stereo sound. Accessory motorized adapters permit use of any size reel up to 10½" to extend playing time capacity up to 6 hours in stereo or 12 hours in ¼-track mono @ 3¾ ips. These adapters are also used in the duplicating function. This duplicating feature has a wide variety of applications, especially among musical organizations or business groups. No loss of quality is noticeable between the original tape and the copy. Either a stereo or monaural copy can be made from a stereo tape. Recorder section has separate 4-track record, playback and erase heads. Fast forward and rewind speed averages 30' per second. Power amplifier has an output of 8 watts per channel, 16 watts total. Hum and noise are 70 db below rated output. Tube Complement: (Playback Preamp) 3-12AX7; (Record Amp) 2-12AT7, 1-12AU7; (Power Amp) 1-12AX7, 4-ECL86, 1-6CA4. For 117 volts, 60 cps AC. Size: 15½" x 16" x 11½" D. Shpg. wt., 48 lbs.

RR-505WX Bell Model RT-360 NO MONEY DOWN Net 449.95

MODEL DK-1 ACCESSORY MOTORS for Tape Duplicating. Set of 2, accommodate 10½" reels for long-play in normal modes, or to handle extra reels when duplicating tape. These motorized adapters have electrodynamic braking and fast forward/rewind—same features as those in the deck. Shpg. wt., 9 lbs.

RR-305X Model DK-1 Motors, Less 10½" Reels Net 49.95



Bell MODEL T-347
PROFESSIONAL STEREO TAPE DECK

- 4-Track Stereo Record/Playback
- 3-Motor Drive—3 Separate Tape Heads
- With Record/Playback Preamplifier
- Piano Key Controls

Records and plays back 4-track stereo or mono tapes. Has built-in stereo record/playback preamplifier with 4 inputs (2 Hi-Z for mikes, 2 Hi-Z for amp. or tuner), 4 outputs and 6 tubes. You can record Sound-on-Sound, Duo-Sound (re-record monaural source for stereo-like effect) and make special echo effects by adding reverberation as you record. Off-the-tape monitoring permits you to hear what is being recorded . . . as you are recording it. Special features (1) 3 Separate Drive Motors (2) 3 Separate 4-Track Heads (3) Electro-Mechanical Braking (4) Twin VU Meters (5) Index Counter (6) Tape Lifters (7) Automatic Stop Switch. Plano-type keys control Tape Speed, Off-Run, Rewind, Fast Forward, Standby. Frequency Response: 18-16,500 cps ± 3 db @ 7½ ips. Flutter: below 0.2% @ 7½ ips. Takes up to 7" reels. Wood-grained and chrome finish. Size: 15¼" x 13½" Front to Back. Requires 5" below and 2" above mounting surface (including preamp). Shpg. wt., 23 lbs.

RR-272WX NO MONEY DOWN Net 313.55



LAFAYETTE 1¢ BONUS

Receive famous Lafayette F-767 Stereo Headphones for 1-cent with purchase of Bell T-347 Stereo Tape Deck.
RR-486WX Bell T-347 plus Lafayette F-767 Stereo Headphones Net 313.56

HIGH FIDELITY RECORDING TAPES



SCOTCH RECORDING TAPES AND ACCESSORIES



(B)

TYPE 111 STANDARD TAPE — 1½ Mil Acetate Coated with red oxide. Popularly used for high fidelity all purpose recordings. On plastic reels except *NARTB metal reels. Av. shpg. wt., 8 oz. ea.

Stock No.	Type No.	Reel	Length Feet	Net Each	
				1-11	12 Up
RT-181	111-1.5	3"	150	.46	.41
RT-178	111-3	4"	300	.88	.79
RT-179	111-6	5"	600	1.47	1.31
RT-180	111-12	7"	1200	2.29	2.05
RT-182	111-25H	Hub	2500	5.56	4.99
RT-183	111-25H*	10½"	2500	7.12	6.41
RR-184	111-50H	Hub	5000	11.10	9.99
RT-185	111-50R	14"	5000	14.44	12.99

TYPE 190 EXTRA-PLAY TAPE — 50% more playing time on standard size reels. 1 mil acetate base. All on plastic reel except *NARTB aluminum reel. Av. shpg. wt., 12 oz.

Stock No.	Type No.	Reel	Length Feet	Net Each	
				1-11	12 Up
RT-193	190-9	5"	900	2.29	2.05
RT-194	190-18	7"	1800	3.60	3.23
RT-195	190-36R	10½"	3600	8.40	7.56

SCOTCH LEADER TIMER TAPE Type 24-1W. Has 1 second interval markings for 3¾", 7½" and 15" per second speeds. 100 ft. ¼" wide roll. Individually boxed. 5 oz. RT-206 Lots of 12 Ea. .53 Singly Ea. .59

TYPE 150 EXTRA-PLAY TAPE—1 Mil extra strong Polyester base high fidelity tapes. Withstands high tension and break resistant. All plastic reels except *NARTB aluminum reel. Av. shpg. wt., 12 oz.

Stock No.	Type No.	Reel	Length Ft.	Net Each	
				1-11	12 Up
RT-190	150-9	5"	900	2.35	2.12
RT-191	150-18	7"	1800	4.05	3.65
RT-192	150-36R*	10½"	3600	9.41	8.47

TYPE 120 HIGH-OUTPUT TAPE — Acetate base recording tapes of 1½ mil thickness. Provides 8 to 12 db higher output than standard tapes. On plastic reel except *NARTB metal and † NARTB hub. Av. shpg. wt., 14 oz.

Stock No.	Type No.	Reel	Length Ft.	Net Each	
				1-11	12 Up
RT-186	120-6	5"	600	1.47	1.31
RT-187	120-12	7"	1200	2.29	2.05
RT-188	120-25H†	Hub	2500	5.56	4.99
RT-189	120-25R*	10½"	2500	7.12	6.41

TYPE 200 TENSILIZED—Tensilized Polyester .50 mil tapes. Provides twice as much playing time as the 1.5 mil standard tape. Stronger and more durable than usual long-play tapes. On plastic reel. Av. Shpg. wt., 12 oz.

Stock No.	Type No.	Reel	Length	Net Each	
				1-11	12 Up
RT-197	200-24	7"	2400'	6.20	5.59
RT-198	200-48RPS	10½"	4800'	14.38	12.94

SCOTCH SPLICING TAPE (B)

Pressure-sensitive tape made especially for splicing and editing magnetic tape. Av. shpg. wt., 3 oz.

SCOTCH 41-½S ½x50". On dispenser.
RT-176 Lots of 12, Ea. .31 Singly, Ea. .34
SCOTCH 41-½L ½x66". Less dispenser.
RT-175 Lots of 12, Ea. .46 Singly, Ea. .51

audiotape AND ACCESSORIES FEATURING C SLOT THREADING



STANDARD TAPE — 1½ mil cellulose acetate base. Low cost with no compromise in quality. All on plastic reels except *NARTB reel. Av. shpg. wt., 8 oz.

Stock No.	Type No.	Reel	Length	Net Each	
				1-9	10 Up
RT-110	151	3"	150'	.46	.41
RT-114	351	4"	300'	.88	.79
RT-116	651	5"	600'	1.47	1.31
RT-121	1251	7"	1200'	2.29	2.05
RT-126	2551R*	10½"	2500'	7.12	6.41

"LONGER-RECORDING" TAPE — 1 mil acetate base. 50% more recording time per reel. All on plastic reels except *NARTB reel. Av. shpg. wt., 8 oz.

Stock No.	Type No.	Reel	Length	Net Each	
				1-9	10 Up
RT-119	941	5"	900'	2.29	2.05
RT-124	1841	7"	1800'	3.60	3.23
RT-128	3641R*	10½"	3600'	8.40	7.56

"LONGER-RECORDING" TAPE — 1 mil, strong and durable mylar base. 50% more recording time per reel. All on plastic reels except *NARTB reel; † plastic reel in self-mailer carton. Shpg. wt., 12 ozs.

Stock No.	Type No.	Reel	Length	Net Each	
				1-9	10 Up
RT-127	261†	3"	225'	.68	.58
RT-120	961	5"	900'	2.35	2.12
RT-125	1861	7"	1800'	4.05	3.65
RT-129	3661R*	10½"	3600'	9.41	8.47

COLORLED BASE TAPE — 1½ mil acetate base. Colored for easy identification of recorded passages. On plastic reels. Shpg. wt., 8 oz.

Stock No.	Type No.	Color	Reel	Length	Net Each	
					1-9	10 Up
RT-118	651C	Green	5"	600'	1.47	1.32
RT-123	1251C	Green	7"	1200'	2.29	2.06
RT-117	651B	Blue	5"	600'	1.47	1.32
RT-122	1251B	Blue	7"	1200'	2.29	2.06

EMPTY C-SLOT REEL

Empty reel with C-slot (except 3PB and 4PB) for easy, fast movement tape threading. Grips tape tightly on starting and automatically releases it on rewinding. Each reel individually boxed. Av. shpg. wt., 5 oz.

STANDARD REELS. All plastic reels except * metal reel and † fiberglass (EIA) reel.

Stock No.	Type No.	Size	Net Each	
			Single	Lots of 10
RT-101	3PB	3"	.17	.19
RT-102	4PB	4"	.29	.26
RT-104	5PB	5"	.39	.35
RT-107	7PB	7"	.49	.44
RT-109	10RB*	10½"	2.62	2.35
RT-106	10FS†	10½"	2.62	2.35

COLORLED PLASTIC REELS. All plastic reels, available in 4 colors: red, yellow, green and blue. Each reel individually boxed. Specify color desired when ordering. Av. shpg. wt., 4 oz.

RT-130 Type 5PB 5 inch reel Net ea. .39
in lots of 10, ea. .35
RT-131 Type 7PB 7 inch reel Net ea. .49
in lots of 10, ea. .44

AUDIO NO. 3L SELF-TIMING LEADER TAPE

Strong, white "Mylar" tape with spaced markings for accurate timing of leader intervals. 100 ft., ¼" wide. Individually boxed. Shpg. wt., 5 oz.
RT-100 Lots of 10 Ea. .32 Singly, Ea. .36

AUDIO 200 HEAD ALIGNING TAPE

Pre-recorded at 2,000, 10,000 and 15,000 cps (15"/sec) for precise head alignment. Base material 1½ mil Mylar. With instructions. Shpg. wt., 4 oz.
RT-111 Net 8.88

AUDIO MAILING BOXES

Strong, reversible corrugated containers. Av. shpg. wt., 3 oz.

Stock No.	Audio No.	Description	Net Each	
			1-9	10 Up
RT-103	5M	For 5" Reels	.10	.09
RT-105	7M	For 7" Reels	.13	.12
RT-108	10M	For 10½" Reels	.20	.18

TYPE 290—½ Mil polyester tensilized tape super strong 50% extra playing time has silicon lubricant to give minimum of friction wear. LENGTH NET EA.
STOCK NO. MFG TYPE REEL FEET 1-11 12 UP

RT-199	290-6	3¼"	600'	1.93	1.73
RT-200	290-36	7"	3600'	7.81	7.03

TYPE 175 Tenzar—½ Mil tenzar coated with a high potency oxide, offers 16 times greater tear resistance than acetate backing. For continuous play, fast stops and starts non-drying silicone lubricated to protect recorder heads. Av. wt. 10 oz.

Stock No.	Type No.	Reel	Length Feet	Net Each	
				1-11	12 Up
RT-203	175-6	5"	600	1.57	1.41
RT-204	175-12	7"	1200	2.45	2.20

TYPE 282 Sandwich Tape—½ Mil polyester. Features micro thin protective layer over oxide coating lasts up to 30 times as long as standard tapes. Reduces head wear and tape recorder maintenance. Av. Shpg. wt., 10 oz.

Stock No.	Type No.	Reel	Length Feet	Net Each	
				1-11	12 up
RT-201	282-6	5"	600'	2.03	1.82
RT-202	282-12	7"	1200'	3.20	2.81

Aluminized Sensing Tape. Type 51 7/32S To actuate automatic stop and reverse on recorders so equipped. 150" long x ½" wide. One side foil, other adhesive. Shpg. wt., 4 oz.

RT-205 Lot of 12 1.67 Ea. Singly 1.05 Ea.

MAGNETIC TAPE CARTRIDGES



Fits new cartridge machines. Records both monaural and stereo sound. Eliminates threading, rewinding, spare reels. Small size makes them ideal for storage in home libraries. Mylar base. Shpg. wt., 12 ozs.

Stock No.	Mfr.	Type	Length	Net Each	
				1-11	12 Up
RT-262	RCA	264C1	560'	2.94	2.65
RT-196	Scotch	8000	560'	2.94	2.65



RCA MAGNETIC SOUND TAPES AND ACCESSORIES

RED SEAL SERIES
The same tape used for RCA Victor Masters

ACETATE-BASE TAPES — New acetate base magnetic recording tapes on plastic reels. Av. shpg. wt., 10 oz.

Stock No.	Type No.	Reel	Length	Mils	Net Each	
					1-11	12 Up
RT-260	15A-1.5	3"	150'	1.5	.46	.41
RT-250	10A-8	5"	900'	1.0	2.29	2.06
RT-263	15A-6	5"	600'	1.5	1.47	1.32
RT-264	10A-18	7"	1800'	1.0	3.60	3.23
RT-254	15A-12	7"	1200'	1.5	2.29	2.06

MYLAR BASE TAPES — New mylar base tapes, on plastic reels. Full frequency range response, low noise, high strength and extreme durability. *Tensilized mylar. Av. shpg. wt., 10 oz.

Stock No.	Type No.	Reel	Length	Mils	Net Each	
					1-11	12 Up
RT-261	10M-2.25	3"	225'	1.0	.66	.59
RT-265	5TM-3	3"	300'	0.75	1.05	.94
RT-251	5M-12	5"	1200'	0.5	2.97	2.68
RT-252	10M-9	5"	900'	1.0	2.35	2.12
RT-253	15M-6	5"	600'	1.5	1.79	1.56
RT-258	5TM-12*	5"	1200'	0.75	3.11	2.79
RT-255	5M-24	7"	2400'	0.5	5.14	4.61
RT-256	10M-18*	7"	1800'	1.0	4.05	3.65
RT-257	15M-12	7"	1200'	1.5	2.77	2.50
RT-259	5TM-24*	7"	2400'	0.75	5.71	5.14

RCA SPLICING TAPES

Pressure sensitive for editing and splicing. Shpg. wt., 3 oz.

RT-266	Type 515C1	¼" x 100'	Net .17
RT-267	Type 511C1	½" x 100'	Net .22
RT-268	Type 512C1	¾" x 150'	Net .30
RT-269	Type 513C1	¾" x 100'	Net .32
RT-270	Type 514C1	¾" x 150'	Net .39

LAFAYETTE RECORDING TAPES AND ACCESSORIES



LAFAYETTE QUALITY IS BACKED BY OUR MONEY-BACK GUARANTEE

LAFAYETTE'S FAMOUS MONEY-BACK GUARANTEE

YOU BE THE JUDGE!

Lafayette's tape is made by outstanding nationally known manufacturers. It is first quality, splice free, red oxide coated, with full frequency response, uniform output and no "drop-outs". Resistant to moisture, heat, cold and abrasion.

We guarantee absolute satisfaction or your money back. If for any reason you are dissatisfied, return the tape in 30 days and we will refund your money. You are the sole judge.

LAFAYETTE ACETATE BASE RECORDING TAPE

Acetate base magnetic recording tape with uniform standard red oxide coating provides wide range high fidelity response over the audio spectrum. Features noise free reproduction, low abrasion and uniform output. In 1 mil and 1½ mil thickness.

Stock No.	Feet	Reel	Mils	Wt. Lbs.	Net Per Reel		
					1-4	5-24	25 Up
RT-17	600	5"	1½	½	.99	.90	.85
RT-18	900	5"	1	¾	1.20	1.10	.99
RT-10	1200	7"	1½	1	1.59	1.49	1.35
RT-11	1800	7"	1	1¼	1.98	1.88	1.79

LAFAYETTE MYLAR BASE RECORDING TAPE As Low As 63¢

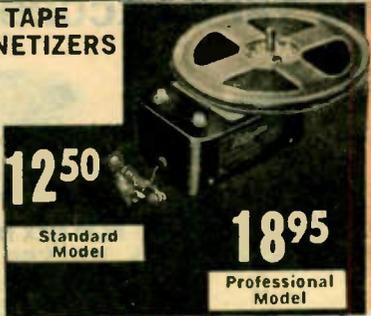
Mylar base is especially strong, durable and break resistant, and is virtually impervious to heat, cold or humidity. All in clear plastic reels, individually boxed.

Stock No.	Feet	Reel	Mils	Wt. Lbs.	Net Per Reel		
					1-4	5-24	25 Up
RT-20	300	3"	½	½	.69	.63	—
RT-23	1200	5"	½	¾	1.75	1.58	1.42
RT-12	1800	7"	1	1¼	2.50	2.25	2.13
RT-13	2400	7"	½	1¼	3.69	3.39	3.22

Tensitized Mylar
 Prestretched, super-strong mylar base.
 RT-16 2400 7" ¾ 1½ 4.95 4.45 4.23

LAFAYETTE BULK TAPE ERASER AND DEMAGNETIZERS PROFESSIONAL MODEL FEATURES

- Completely Erases Tape
- Two Erasing Coils
- Erases up to 1" Tapes
- Erases ¼" Tapes in One Operation—No Reversing
- For 3", 5", 7" or 10½" Reels



1250
Standard Model

1895
Professional Model

A carefully designed and precisely manufactured tape "degausser" for complete erasing of tapes. Just place the tape reel on spindle of demagnetizer, slowly rotate 2 or 3 turns, take off, and that's all. Reduce tape hiss to the level of new "virgin" tape. Two completely separate coils are used for doubly-effective erasures, even of large, 10½" reels. Will erase 1" wide tape. An extra powerful unit for heavy-duty use—draws over 9 amperes. Can be used to demagnetize tape, magnetically stripped film, plus tools and watches. Has a heavy, custom finished case, a rugged non-magnetic top, heavy duty on-off switch and power cord. Has built-in fuse. Pilot light prevents accidentally leaving it turned on. Size 6¼x7¾x3½". 105-125V, 60 cycle. Shpg. wt., 14 lbs. Imported.

ML-120 Professional Model Net 18.95

STANDARD MODEL

Similar to professional model for all size reels but handles only standard size ¼" tapes or smaller and reel must be turned over once. Has separate spindle positions for 10½" and 3, 5, and 7" reels; non-magnetic bakelite plate for reel rest. One powerful coil consumes 5 amps. Metal case 7¼x4¾x3½". Shpg. wt., 9 lbs. Imported.

ML-176 Net 12.50

LAFAYETTE TAPE HEAD DEMAGNETIZERS



395 DELUXE MODEL WITH 3 REMOVABLE POLE PIECES

Has 3 complete sets of removable pole pieces: straight, 45° and 90° for quick easy use with any tape head. Removes magnetism that accumulates in every tape head insuring optimum signal-to-noise ratio. For 110 Volt 60 cycle. Shpg. wt., 1 lb. Imported.

PK-238 Net 3.95



289 ECONOMY MODEL

Features very strong field with a single probe. Its thin cross-sectional size allows it to be used on all heads. For 110V 60 cycle. Shpg. wt., 12 oz. Imported.

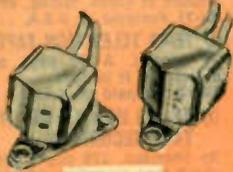
MS-694 Net 2.89

600 FT. MYLAR TAPE ON 3¼" REEL

• A full hour of recording!
 600 ft. or top quality ½ mil mylar base recording tape on a 3¼" reel that will give you a full hour of playing time on 2 tracks at 3¾ ips. Fits all recorders. Especially ideal for miniature and transistorized recorders. Shpg. wt., 12 oz.
 RT-21 Net ea., 1.30; 5-24 ea., 1.15; 25 up ea., 1.05

LAFAYETTE RECORDING HEADS

- Each Set Contains 2 Heads for Record-Playback and Erase
- Ideal for Experimenters

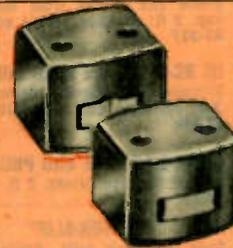


795

¼ TRACK STEREO SET

A complete 2 piece set ideal for experimenters. Consists of one ¼ track record-playback head and one erase head, both with mounting brackets. RECORD HEAD SPECS: Impedance, 3.3K @ 1 KC; DC resistance: 700 ohms; Sensitivity: —55db; Cross talk —45db; bias current 0.5MA; voice current: 37.5 µA @ 1 KC; response: 100-12,000 cps. Inductance 0.5H. CAP: .002 in. ERASE HEAD: DC resistance .65 ohms; GAP: .004 in; erase current: 18A; bias freq: 30-65KC; Erasure —60 db. Size: ¾x¾x¾ cent. to cent. hole mounting. Shpg. wt., 4 oz. Imported.
 F-831 Net 7.95

RECORD PLAYBACK and ERASE HEADS for MINIATURE TRANSISTORIZED TAPE RECORDERS



395

A two-piece set consisting of one record/playback and one erase tape head. Designed for use in dual track miniature tape recorder. These units will replace the heads in most Japanese-built recorders, and are also excellent for the experimenter. Record/playback head specifications: impedance 5.5K at 1 KC; DC resistance; 1K ohm; reproduction level: —52db (recording at +2db); bias frequency: 35KC; bias current: 1ma; voice current: 0.03ma; response: 100-7000 cps ± 5db; S/N ratio: better than 45db; bias system: AC & DC reproduction gap: .0024 in. (-.006mm); dimensions: approx. ¾x¾x¾". D. Erase head same dimensions. Total shpg. wt., 3 oz. Imported.
 F-828 Net 3.95

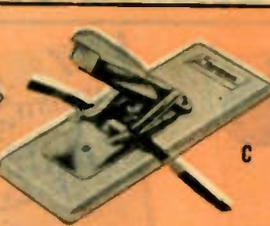
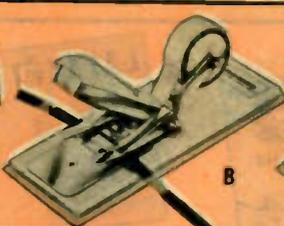
NEW LAFAYETTE RECORD/PLAYBACK & ERASE HEADS



445

Ideal for the experimenter interested in Tape Recorders. Recording head: 4K ohm impedance @ 1000 cps; recording current, 20 microamps ± 20%; bias current 500 microamps; bias frequency, 45 to 50 KC; Playback output, —48db ± 2db; Response to 10KC ± 3db. Erase head: Erasing current 150 milliamps; Impedance, 30 ohms ± 25% @ 10KC, DC resistance 0.5 ohms ± 20%. Size ¾x¾x¾". D. Mounting flange, hole-to-hole, 1¾". Shpg. wt., 5 oz. Imported
 F-909 Net 4.45

ROBINS GIBSON GIRL® Stereo "4" Tape Splicers



GIBSON GIRL® STEREO "4" TAPE SPLICING EQUIPMENT
 These precision tape splicers meet the critical requirements of splicing 4 track tapes without affecting program material on the outside tracks. They work equally as well for single track and 2 track tapes. Blade centering adjustments for lifetime maintenance.

(A) TS-8D STEREO "4" DELUXE TAPE SPLICER
 The ultimate tape splicer with Space-Age design of indestructible IMPLEX. For rapid tape editing and repairs. Cuts tape diagonally, and trims minute concave indentations on sides of splice to prevent adhesive contact with critical recorder parts. Has replaceable cutter cartridge, blade centering adjustment, "see-thru" windows indicate operating positions, easy-threading tape dispenser complete with roll of 1/2" splicing tape, and safety locking device. Instructions. Shpg. wt., 1 lb.
 RT-320 Net 7.85

RK-8 Replacement Kit for TS-8D (Not Illus.)
 Replacement cutter cartridge and 2 cutting pads. With instructions. Shpg. wt., 3 oz.
 RT-321 Net .85

(B) TS-4S STEREO "4" STANDARD TAPE SPLICER
 "Utility" version of the TS-8D has all deluxe features except for "see-thru" windows. Made of metal and plastic. Replaceable cutter cartridge and blade centering adjustment. Tape dispenser complete with 100' roll of 1/2" splicing tape. Shpg. wt., 12 ozs.
 RT-322 Net 5.70

(C) TS-4J STEREO "4" JUNIOR TAPE SPLICER
 Same as TS-4S without tape dispenser and splicing tape. Uses 1/2" splicing tape. Shpg. wt., 8 oz.
 RT-323 Net 4.35

RK-3 Replacement Kit for TS-4S & J Splicers (Not Illus.)
 Replacement cutter cartridge and two cutting pads. With instructions. Shpg. wt., 3 oz.
 RT-324 Net .85

RK-2 Replacement Kit for older TS-4A series splicers (Not Illus.) As above. Shpg. wt., 3 oz.
 RT-325 Net .84

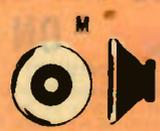
(D) SP-4 "SEMI-PRO" TAPE SPLICER
 Small efficient low-cost non-stereo splicer has tape alignment guide with adhesive back, cutting unit, and blade cover. Made of Plastic. Makes diagonal cuts and "Gibson Girl" trim. Shpg. wt., 3 oz.
 RT-326 Net 1.50

H-4 "Hobbyist" Tape Splicer (Not Illus.)
 The lowest priced tape splicer available. Ideal for those using their equipment occasionally. Consists of adhesive backed plastic tape guide and unique curved razor type blades. With instructions. Shpg. wt., 2 oz.
 RT-327 Net .75

(E) ROBINS SPLICING TAPE
 Special formula. Mylar, tackiness, thickness, strength and cold flow carefully controlled. 100' long. 1" core.

Stock No.	Mfr. No.	Width	Shpg. Wt.	Net
RT-328	ST-234	1/4"	1 oz.	.24
RT-329	ST-375	3/4"	1 oz.	.27
RT-330	ST-500	1/2"	1 oz.	.30
RT-331	ST-750	3/4"	2 oz.	.38

ROBINS ACCESSORIES FOR TAPE RECORDERS



(F) JCT-2 "JOCKEY CLOTH" FOR TAPES
 Cleans and lubricates tape while running. With Silicone. Reduces squeal, chatter, head and tape wear. Washable and re-useable. Shpg. wt., 3 oz.
 RT-332 Net .80

(G) TT-1 TAPE RECORDER THREADER
 Slip threader on, turn crank — and tape is securely threaded. For all 3" — 7" reels. Shpg. wt., 2 oz.
 RT-333 Net .60

TC-12 TAPE CLIPS (Not Illus.)
 Unique plastic reusable clips prevent tapes from unwinding. Fit all reels. Pkg. of 12. Shpg. wt., Pkg. 3 oz.
 RT-334 Net Per Pkg. .24

(H) HC-5 "TAPE CLEAN"
 5' reel of chemically treated cloth tape. Just run through and clean recording head, tape guides, etc. Wt., 6 oz.
 RT-335 Net 1.85

SL-30S Reel Labels (Not Illus.)
 30 adhesive labels. Write or type reel title, date and No. Wt., 2 oz.
 RT-336 Net .27

(I) TE-28 TELEVISION TAPE RECORDING
 By Goodall. A 48 page semi-technical booklet that shows how it is done.
 BK-12 Postpaid in U.S.A. .60

(J) TE-128 HOW TO GET THE MOST OUT OF TAPE RECORDING
 By Sheridan. 128 pages packed with informative ideas about tape recording. Illustrated.
 BK-13 Postpaid in U.S.A. .75

(K) RC-2-22 TAPE HEAD LUBRICANT
 Silicone base liquid. Reduces head and tape wear. 2 fl. oz. Shpg. wt., 4 oz. With applicator cap.
 RT-346 Net .60

(L) ME-99 BULK TAPE ERASER
 U.L. listed. Erases a complete reel of tape at one time with residual noise levels 3 to 6 db below most erase head levels. Takes reels up to 10" dia. and tapes to 1/2" thick. A must for 4 track machines using full or 2 track recorded tapes. Has safety momentary switch. Size: 5 1/4 x 6 3/4 x 3 3/4". 110-120 v. 50-60 cy. A.C. Shpg. wt., 8 1/2 lbs.
 RT-340 Net 28.00

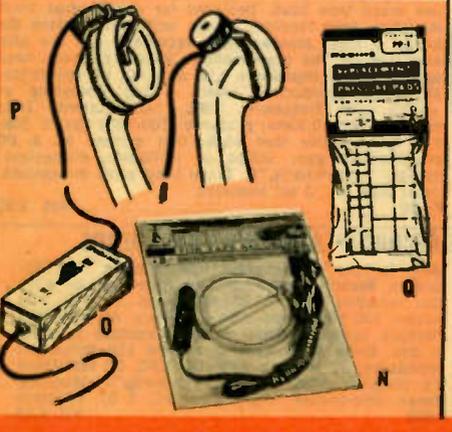
(M) RH-2 REEL HOLDERS
 Prevents reel wobbling. A must for vertical decks. Pkg. 2. Shpg. wt., 3 oz.
 RT-343 Pkg. of 2 Net .51

(N) TK-5 TAPE STROBE KIT
 Permits you to check speed, flutter and wow accuracy of recorders operating at 15, 7 1/2, and 3 3/4 speeds. Complete with instructions. Kit has Strobe tapes and light. For 110 v. 60 cy. A.C. Shpg. wt., 1/2 lb.
 RT-342 Net 1.20

(O) TRB-3 AMAZING NEW TELE-TAPE BEEPER-INDUCTOR
 Makes it easy to record phone conversations and to comply with the law. Transistorized sig. gen. — timer and attached high efficiency ferrite core induction coil automatically injects 1KC "Beep" into phone lines and recorder at 15 second intervals. On-Off switch. #K20 30 v. battery lasts for more than 3000 average calls. Has 6' cable to phone and to recorder. No suction cups. Easy-On spring fastening to phone. Approx. 5x2x1 1/2" Shpg. wt., 1 lb.
 RT-348 less battery Net 16.80
 BA-121 Battery for above. Net 1.51

(P) TRP-1 TELE-TAPE INDUCTOR PICK-UP COIL
 High efficiency ferrite core produces 3-5 db more gain, high signal-noise ratio. No suction cups, easy-on mechanical spring fastening. Has 6 ft. shielded cable to ear piece. Shpg. wt., 6 oz.
 RT-349 Net 3.60

(Q) PP-1 REPLACEMENT PRESSURE PADS
 A complete assortment of pre-cut felt pressure pads to fit almost all recorders. Shpg. wt., 2 oz.
 RT-345 Net .80



TAPE RECORDER HEADS-SPLICERS-ACCESSORIES

ROBINS "STEREO 4" TAPE RECORDER ACCESSORY KITS



DELUXE ACCESSORY KIT

Robins TK-8DLK. Contains TS-8D splicer, HC-2 cleaner, RC-2-22 head lubricant, TT-1 tape threader, JCT-2 cloth, RH-2 reel holders, TC-12 clips, SL-30S reel labels and RE-24 book. Shpg. wt., 2 lbs.
RT-350 Net 10.05

STANDARD ACCESSORY KIT

Type TK-4STD. Contains: TS-4S Standard Stereo "4" splicer, ST-375 3/4"x100" splicing tape, TT-1 tape threader, TC-12 tape holding clips, HC-2 head cleaner, JCT-2 tape cleaning cloth, SL-30 reel labels, and TE-24 guide book to better tape splicing and editing. Shpg. wt., 1 1/2 lbs.
RT-405 Net 8.10

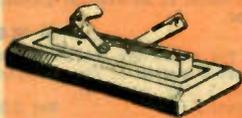
JUNIOR ACCESSORY KIT

Type TK-4JR. Same as above but with TS-4J Junior splicer. Shpg. wt., 1 1/2 lbs.
RT-406 Net 6.75

TAPE KARE KIT

Type TK-7. A complete kit of electronic chemicals for better tape recorder maintenance. Contains HC-2 head cleaner, RC-2-22 head and guide lubricant, RC-2-33 tape and phono drive oil, RC-2-56 Non-Slip for tape and phono drives, and 50 Clean Tips. Shpg. wt., 1 lb.
RT-407 Net 2.25

MAGNETIC TAPE SPLICER



- Cut Both Ends Simultaneously
- Easy to Operate
- Durable & Sturdy

An excellent accessory that splices tapes accurately and eliminates joint noise. Both ends cut simultaneously. Nicked brass finish. Shpg. wt., 1 lb.
RT-387 Net 1.47



COUSINO TAPE SPLICER KIT

Convenient plastic splicer with adhesive backing for mounting on your recorder or workbench. Holds tape without clamps. Kit consists of splicer, blade and 24 hand precut splicing tape tabs. Shpg. wt., 6 oz.
RT-368 Tape Splicer Kit Net 1.20

PRE-CUT TAPE TAB REFILLS—For above, 24 pre-cut splicing tape tabs. Shpg. wt., 2 oz.
RT-369 Pre-Cut Tape Tabs Net .20

COLOR-CODED TAPE SPLICING KIT



Everything you need for fast, professional tape editing and repairing. Easy-to-use gold anodized aluminum splicing block has special slide-out plastic storage compartment. Complete with blade and full assortment of color coded Quik Splice Mylar splicing and editing strips—will not shrink or become brittle with age. Shpg. wt., 8 oz.
RT-370 Net 1.40

EDITALL TAPE EDITING KIT



This kit has all the equipment required to execute a complete editing job on a professional basis. The cutting block supplied is simple to operate but is precise in its application; made of duraluminum precisely machined and polished (makes straight or diagonal cut). All accessories such as grease pencil, blades, splicing tape (66 ft. roll of 1/2") supplied. Comes with instruction booklet—in a smart metal case. Shpg. wt., 1 lb.
RT-371 EDITALL KIT Net 8.82

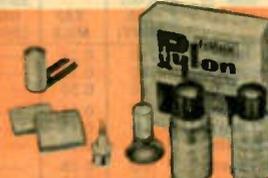


ROBINS M/M 4-TRACK STEREO CONVERSION KIT

Type 5K17. Converts 90% of all U.S. made two-track stereo recorders to 4-track with only a screwdriver and pliers. Contains 4-track record-play head, head alignment tape, hardware and instructions. For monaural units too, but additional amplifiers are required. For list of convertible models send for #17H ROBINS Head Guide Book. Shpg. wt., 8 oz.
RT-403 Net 10.80

5K17U. Same as 5K17 except head mounts from opposite side.
RT-404 Net 10.80

FILMAGIC TAPE MAINTENANCE KIT



Adds life and performance to tape and tape recorders. The Kit contains all the elements needed for cleaning and conditioning both tapes and critical recorder parts. Consists of: Either Flange or Suction cup type Pylon with sleeve; Tape conditioner fluid; and head condenser fluid. Can be used to clean capstans, rubber idler rollers also. Shpg. wt., 3 1/2 ozs.
RT-372 Kit with suction cup Pylon Net 3.45
RT-373 Kit with flange-type Pylon Net 3.45

REPLACEMENT PARTS

RT-374 2 oz. Head Cleaner Net .98
RT-375 2 oz. Tape Conditioner Net .98
RT-376 Pkg. of 6 sleeves Net .75
RT-377 Wick-Tip Applicator Net .39

RECORDER PATCH CORD



Ideal For Making Connections From Radio, Phono or TV To Tape Recorder

Mandy 6 ft. lead has insulated alligator clips at one end and RCA phono plug at the other. Supplied with shielded phono plug adapter to adapt the RCA phono plug to standard phono plug if necessary. Attach alligator clips to speaker terminals and simply plug other end into tape recorder. Ideal for recording from Radio, Phono or TV. Shpg. wt., 8 oz. Imported
MS-565 .67

TAPE CLEANER 149



Tape is impregnated with special formula cleaner. Simply run through like regular roll of tape. Entire job done in 2 minutes. Can be reused many times. 100' roll on 5" reel. Shpg. wt., 8 oz.
RT-378 Net 1.49
RT-379 3" Reel Net .99



STROB-LOOP RECORDER TEST TAPE

Checks speed, timing, wow and flutter. For 7 1/2 IPS. Accurate within 1/10 of one percent. Shpg. wt., 6 oz.
RT-380 Net .98



AUDIO 400 HEAD DEMAGNETIZER

Will remove all permanent magnetism from recording head. Operates on 110V, 60 cy. AC. Shpg. wt., 1 lb.
RT-115 Net 5.88



ROBINS M/M TAPE RECORDER HEADS

Quality recording heads for replacement on monaural and stereo recorders and for conversion. Letters in column headed "USE" indicate: M=monaural, S=stereo, RP=record/play, E=erase. Robins M/M guide listed below shows proper head to use for your recorder. Shpg. wt., 6 oz.

Stock No.	Robins No.	Description	Use*	Net
RT-408	2FM20-5000	2 Track Monaural	RPE	12.00
RT-351	3F20-101	2 Track Stereo	RP	17.40
RT-352	3F20-105	2 Track Stereo	RP	17.40
RT-353	3FM20-104	2 Track Monaural	RP	7.80
RT-392	3FM20-108	2 Track Monaural	RP	7.80
RT-393	3FM20-502	2 Track Monaural	RPE	21.00
RT-354	3L20-101	2 Track Monaural	2MRP	6.00
RT-394	5AV17	4 Track Stereo	4SRPE	19.20
RT-395	5QT17	4 Track Stereo	4SRP	9.60
RT-396	5QT17-105	4 Track Stereo	4SRP	0.60
RT-397	5S1	2 Track Monaural	2ME	4.20
RT-398	5S1-103	2 Track Monaural	2ME	4.20
RT-355	5SS1	2 Track Stereo	2SE	7.80
RT-356	7B17	2 Track Stereo	2SRP	9.00
RT-357	7EM12A	2 Track Monaural	2ME	4.80
RT-399	7H17	2 Track Monaural	2MRP	6.00
RT-358	7L17	2 Track Monaural	2MRP	6.00
RT-359	7L17-108	2 Track Monaural	2MRP	6.00
RT-390	90E3	4 Track Stereo	4SE	6.00
RT-400	10B20LS	2 Track Stereo	2SRP	14.40
RT-401	10L17-104	2 Track Monaural	2MRP	6.00
RT-391	40EM12A	2 Track Monaural	2ME	4.80



ROBINS M/M TAPE HEAD REPLACEMENT AND CONVERSION GUIDE

Type 17H. List recorders by manufacturer's name and model number and shows proper Robins head or kit for replacement or conversion. No charge with any order for other merchandise.
RT-402 Net .24

SHURE RECORDING HEADS



Half track (upper track) replacement heads for tape recorders. All are high impedance except * is low. Type TR5B-J equipped with Cinch plug and 14" insulated leads. Av. shpg. wt., 1/2 lb.

Stock No.	Shure No.	Functions	Replacement For	Net Each
RT-381	815	Record Playback Erase	Bell TR-65 Revere T10C, TR200 Shure TR5, TR5H	8.82
RT-382	815H	Record Playback Erase	Revere T500, TR600 Tapemaster TH21, PT121, PT125	8.82
RT-383	816	Record Playback	Ampro 730, 731 Masco R-3, M-60 Shure TR6C	7.06
RT-384	817*	Record Playback	RCA SRT-403, 402, 401 Wilcox Gay 3A11 Shure TR16A	5.29
RT-385	TR5B-J	Record Playback Erase	Revere T-700, TR800, TR-20 Shure TR5D	10.00
RT-386	TR16-J	Record Playback	Wilcox Gay #3A10, 2A-10B	5.29
RT-387	TR5Z2J	Record Playback Erase	RCA TTRC1, 7TR2, 7TR3, 8TR2, 8TR3 Shure TR5Z-1	10.88

MODEL TR54J 1/4 R/P TRACK HEAD
Magnetic tape head with wide response, 30-15,000 cps @ 3 1/2 ips. Crosstalk — 55db. Output 1.4 mv @ 1 Kc.
RT-388 Shpg. wt., 1/2 lb. Net 20.58

TE28J 1/4 TRACK ERASE HEAD
Rugged dual channel erase. Double gap. 4-40 single stud mounting. Erase voltage 17-26 for 60 db erasure.
RT-389 Shpg. wt., 1/2 lb. Net 7.06

Nortronics

TAPE HEADS AND RECORDING ACCESSORIES



2-TRACK AND 4-TRACK STEREO AND MONO TAPE HEADS

Finest quality heads for replacement and conversion. All heads are "NO MOUNT" type. If side mount or base mount required, use Quik-Kits listed below. For information on exact head & kit for your recorder, order replacement guide listed below. R/P means record-play. Shpg. wt., 6 oz.

RECORD OR RECORD/PLAY. Laminated core heads are for professional use or when optimum performance is required. 3000, 3100, and 3200 Series are solid core. Response: 30,15,000 cps at 7½ ips. 1 kc interchannel cross-talk rejection on stereo heads is 50 db.

ERASE. Efficient double-gap construction, all metal case. High-impedance types require 100-150 V. Medium-impedance types 30-50 V. For erase frequencies up to 100 kc.

STOCK NO.	MFRS. TYPE	DESCRIPTION	All heads listed below are No mount. Use QUIK-KIT table for hardware to adapt No mount heads to Side or Base mount styles.			
			1-KC IND. (MHY)	GAP MILS	60-KC IMP. (OHMS)	NET EACH
RT-431	1000	4-tr. stereo, R/P high-imp. for tubes	750	0.10	—	21.00
RT-432	1002	4-tr. stereo, R/P low-imp. for transistors	100	0.10	—	21.00
RT-433	1003	4-tr. stereo, record only, tubes/trns.	60	0.50	—	21.00
RT-434	1800	2-tr. stereo, R/P high-imp. for tubes	700	0.16	—	23.30
RT-435	1802	2-tr. stereo, R/P low-imp. for transistors	100	0.16	—	23.30
RT-436	1803	2-tr. stereo, record only, tubes/trns.	60	0.50	—	23.30
RT-437	2600	2-tr. mono, R/P high-imp. for tubes	700	0.16	—	19.90
RT-438	2602	2-tr. mono, R/P low-imp. for transistors	100	0.16	—	19.90
RT-439	2603	2-tr. mono, record only, tubes/trns.	60	0.50	—	19.90
RT-440	3000	2-tr. mono, R/P high-imp., solid core	1000	0.16	—	8.40
RT-441	3001	2-tr. mono, R/P med-imp., solid core	400	0.16	—	8.40
RT-442	3100	Same as 3000, w/center track, mtl. face	1000	0.16	—	8.40
RT-443	3101	Same as 3001, w/center track, mtl. face	400	0.16	—	8.40
RT-444	1400	4-tr. stereo erase, high-impedance	80	—	30K	12.00
RT-445	1401	4-tr. stereo erase, medium-impedance	10	—	2.8K	12.00
RT-446	2200	2-tr. stereo erase, high-impedance	80	—	25K	12.00
RT-447	2201	2-tr. stereo erase, medium-impedance	8	—	2K	12.00
RT-448	3600	2-tr. mono erase, high-impedance	80	—	25K	8.00
RT-449	3601	2-tr. mono erase, medium impedance	8	—	2K	8.00

QUIK-KITS

For adapting Nortronics No mount heads above to Side or Base mount styles. Av. wt., 4 oz.

SIDE MOUNT		BASE MOUNT		FOR HEAD TYPES	
STOCK NO.	QK #	STOCK NO.	QK #		
RT-450	38	RT-460	66	All R/P except 3000, 3100, 3200	
RT-451	20	RT-461	21	3000, 3100, 3200 R/P	
RT-452	18	RT-462	19	All Erase Heads	
RT-453	103			(Special R/P Head hardware for RCA, Bell cartridge machines)	

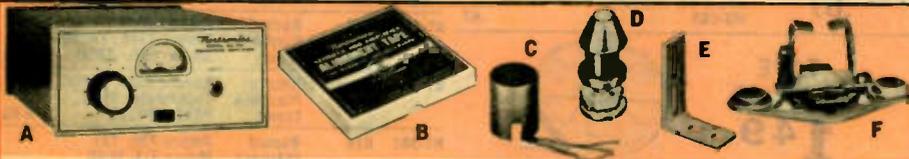
NET EACH

1.00

FREE! Newest edition of Nortronics Tape Head Replacement Guide! The most complete reference of specific replacement heads ever compiled in the history of tape recording! Lists over 440 models, showing function of original heads... gives photos and details on all of Nortronics 4-track stereo Conversion Kits... handy recording accessories... plus information on newly designed head mounting assemblies to up-date older professional transports! Guide includes special insert with full order information.

RT-459

FREE



Nortronics TAPE RECORDING ACCESSORIES

RECORDING AMPLIFIER RA100 Ideal for use with any tape deck or stereo head kit. Two required for stereo recording. Has NARTB equalization, VU meter, monitor jack, high level and low level inputs. Sensitivity for full recording level: 1 mv (low level), 2v (high level). Provides 65 kc bias current, adjustable to match any head. Erase output for either high impedance (6000 to 10,000 ohms) or low impedance (20 to 30 ohms) erase head. Full frequency response. S/N ratio, 55 db. Also synchronization for stereo recording purposes using 2 RA-100's. For 110-120 v, 60 cps AC. Size 2½Hx5¾Dx8½W. Shpg. wt., 8 lbs. RT-415 RA-100(Fig. A) Net 57.50

HA-5 MOUNTING ASSEMBLY. NEW! Complete w/adjusting screws for azimuth, height, face alignment. Accepts a TG-7 Guide Post on "002" side of head. For all No mount R/P heads above, except 3000, 3100, 3200 Series. 4 oz. RT-458 (Fig. F) Net 2.25

L-5 BRACKET. Universal type, for installing Side mount heads on any tape recorder. RT-457 (Fig. E) Net 70

ALIGNMENT TAPE AT-100 Full track, 7½ ips speed. Provides sine wave signals of 50 to 10,000 cps for stereo and monaural head alignment, record level and tone control adjustment, and frequency response check. Shpg. wt., 4 oz. RT-416 AT-100 (Fig. B) Net 4.95

T60F BIAS OSCILLATOR COIL. NEW! For 12AU7A tube circuit. Use with ALL Record, R/P and Erase Heads listed above. Frequency range: 70-100 kc, depending on Imped. 6 oz. RT-454 Fig. C Net 4.50

T60-T2 BIAS OSCILLATOR COIL. For single-ended or push-pull transistor circuits. Supplies 30-80V at 60-100 kc to med. imp. Record, R/P and Erase heads listed above. 6 oz. RT-455 Fig. C Net 4.50

TG-7 ADJUSTABLE TAPE GUIDE POST. NEW! Most versatile tape guide ever made! High-precision tolerances. Sapphire-hard coating for extra long life. 3 oz. RT-456 (Fig. D) Net 1.00



4-TRACK STEREO CONVERSION KITS FOR WOLLENSAK AND REVERE

Both 2-track stereo and 4-track stereo pre-recorded tapes may be placed on the recorders converted with these kits. Monophonic models when converted require additional external amplifier and speaker. If in doubt about your model, send for free guide shown on this page. Shpg. wt., 6 oz.

WR-35 CONVERSION KIT — Converts all 2-track stereo units to 4-track stereo playback. Contains a 4-track stereo r/p head which replaces the 2-track stereo head. RT-410 Net 25.50

WR-40 CONVERSION KIT — Converts all Wolllensak and later Revere monophonic units to 4-track stereo playback. Has a 4-track stereo r/p head and a monophonic erase head. Easily replaces old assembly. RT-411 Net 32.50

WR-60 CONVERSION KIT — Converts all Wolllensak and later Revere monophonic and 2-track stereo to 4-track stereo playback. Shifter control permits recording of 4 monophonic tracks or (with addition of recording amplifier) stereo recording. RT-412 Net 49.50

4-TRACK CONVERSION KIT FOR WEBCOR
W-6 CONVERSION KIT — For older 2000 (except 2020 series), 2800 and 2900 series recorders. Converts monophonic and stereo recorders to 4 track stereo playback. Retains monophonic record and playback. Has shift to allow head to be positioned for both 2 and 4 track tapes. Monophonic recorders require PC-100 patch cord to bring out 2nd channel to an external playback amplifier. Shpg. wt., 12 oz. RT-413 Net 36.00

PATCH CORD AND JACK For connecting one channel of the Stereo-Kit to the audio system of the converted recorder. With instructions. Shpg. wt., 5 oz. RT-414 PC-100. Not illustrated. Net 2.50



NORTRONICS REPLACEMENT TAPE RECORDER HEAD KITS

The recorders listed below require special replacement HEAD-KITS. These HEAD-KITS include correct head(s), all mounting hardware, and instructions needed for replacement. "R", "P", or "E" preceding HEAD-KIT number signify record, play, or erase. "RP" is single head used for record/playback "RPE" is complete replacement assembly, mounted on plate, and ready to install. Average shpg. wt., 1 lb.

Stock No.	Make & Model No.	Head Kit #	Net
RT-417	Recordio 2A10, 2A10B, 2A11	RP-1	9.90
RT-418	Revere T-10, T-11, T-700, T-900, T-1100, T-2000, TR-20, TR-800	RPE 20	15.60
RT-419	Revere T-204	RPE 40	32.50
RT-420	Revere T-204-4	RP-2	22.60
RT-421	Revere T-204-4	E-50	11.00
RT-420	Revere T-2200 Series	RP-2	22.60
RT-422	Revere T-2200 Series	E-52	16.25
RT-423	Sony 101	E-54	11.25
RT-424	Sony 262-D, 262-SL	E-53	15.25
RT-425	Webcor 2007, 2008, 2107, 2150, 2207, 2208, 2250, 3291	RP-3	21.20
RT-426	Webcor 2007, 2150, 2207, 2250, 3291	E-51	12.50
RT-427	Webcor 2202, 2205, 2205-1, 2300	RP-4	12.00
RT-428	Webcor 2001, 2009, 2810, 2811, 2812, 2816, 2819, 2891, 2892, 2896, 2910, 2919	RP-5	12.50
RT-428	Webcor 2820, 2820-LC, 2821, 2822	RP-5*	12.50
RT-429	Webcor 2827, 2897, 2923, 2950, 2955	RP-6†	23.80
RT-418	Wollensak T1500, T1600, and T1700	RPE-20	15.60
RT-419	Wollensak T1515	RPE-40	32.50
RT-420	Wollensak T-1515-4, T1616-4	RP-2	22.60
RT-421	Wollensak T-1515-4, T1616-4	E 50	11.00

* RP-5 Mono.

† RP-5 Stereo

LAFAYETTE HI-FI STEREO-HEADPHONES



- Air-Cushioned Headband • Soft Foam Rubber Ear Cushions for Maximum Comfort and Best Bass Response
- High Sensitivity — Input of 1-2 MW Provides Ample Listening Volume

LAFAYETTE'S LOW, LOW PRICE 1188

The headband is covered with an air-filled vinyl bag which serves as a gentle air cushion, eliminating discomfort. Vinyl bag can be deflated, removed for washing and re-inflated. Soft foam rubber ear pads keep out external noise, provide maximum bass and make these headphones extremely comfortable to wear. Sensitivity is very high—a signal power of 1 to 2 mw will produce adequate listening volume. Frequency response, 30-15,000 cycles. Impedance, 8 ohms per phone. The headphones come with a cylindrical junction box to protect the voice coils against power overloads. Phones plug into the box, and the two pairs of leads from the box are connected to a dual or single channel source for stereo or monaural operation. Complete with all cables, wires, overload junction box and 3-conductor plug. Imported.

F-767 Shpg. wt., 2½ lbs. Net 11.88

JUNCTION BOX

For connecting stereo headphones to an existing system without the need of continually disconnecting speakers. Impedance 4-16 ohms. Has separate earphone jacks for stereo or monaural, separate volume controls for each side of the headset, and a speaker on-off switch. 4¼x1¼x1¼" D. Imported.

F-841 Shpg. wt., 1¼ lbs. Net 4.59



SHARPE LIVE TONE STEREO HEADSET

- Wide Frequency Response
- Low Distortion
- High Attenuation of Ambient Noise

4350

Capable of the finest high fidelity stereophonic sound reproduction. Circumaural design results in a flat frequency response from 30 to 11,000 cycles, dropping off gradually to 15,000 cycles, with low distortion. A unique, liquid-filled cushion on each phone provides an efficient seal to the head, resulting in a 40 db attenuation of ambient noise, plus a high degree of wearer comfort. Each phone has a 10-ohm impedance. Shatterproof construction of acoustically desirable material. With cable terminated in a standard 3-conductor phone plug. Shpg. wt., 1½ lbs. 21 A 7802 Imported from Canada Net 43.50



SUPEREX ST-M STEREO MASTER HEADPHONE

- Woofer, Tweeter In Each Phone

2995



EASY PAY PLAN SEE PAGE 412

For discriminating music lovers. The comfortable Stereo Master headphone brings to your ear the full audio frequency range, from the lowest fundamental of the organ to the highest overtone of the violin . . . 20-20,000 cycles. A separate dynamic woofer, ceramic tweeter in each phone makes this realistic sound possible. Can be used for monaural listening too. Impedance 8-16 ohms. Complete with crossover network, monaural adapter, connecting cable. Shpg. wt., 3½ lbs. 21 A 8001 No Money Down Net 29.95

PIONEER MODEL SE-1 STEREO HEADPHONES

1995



F-770

F-800

- Frequency Response 25 to 15,000 Cycles
- Actually 2 High Fidelity Dynamic Speakers
- Soft Foam Rubber Ear Pads

For the audio connoisseur who demands the finest in stereophonic headphone performance, the Pioneer Stereophones combine broad frequency response and faithful reproduction with comfort-oriented design to fulfill the most exacting requirements. The Stereophones are actually two 2½" high fidelity dynamic speakers with a frequency response range of 25 to 15,000 cycles. Perfect for stereo and monaural operation, the headphones are rated at ½ watt maximum input; impedance, 8 ohms per phone. The soft foam rubber ear pads provide extremely comfortable listening, help to keep out noise and maintain an excellent bass response. Imported.

- F-770 Shpg. wt., 2 lbs. Net 19.95
- Model SE-2 resistor box for SE-1. Permits flexible one-switch change-over from speakers to Stereophones. Net 4.95
- F-800 Model SE-3 "Y" connector for connecting 2 or more sets of headphones to a single source. Net 2.45
- F-801 Model SE-4 12' extension cord for SE-1 phones. Net 2.95
- F-802

KOSS STEREO HEADSETS AND ACCESSORIES



Model SP-3 Stereophones (Fig. A)

The Koss SP-3 Stereophones are a specially constructed headset that provide a wide frequency range of 30-15,000 cycles by means of unusual 3½ dynamic reproducers incorporated into each earphone. They are extremely comfortable to wear, light and rugged. Ideal for Stereo, they can also be used for monaural sound. Since they have an impedance of 4 ohms, they can be connected directly to amplifier outputs or across speaker voice coil leads. Shipping weight 2 lbs.

21 A 4501 Net 24.95

MODEL A-1220 AMPLIFIER

An Amplifier especially designed for use with the Stereophones. Can be connected directly to a Stereo ceramic cartridge or to the outputs of the pre-amps of a stereo recorder or tuner. Equipped with 2 Phone jacks, a gain control for each channel, and 2 Phone jacks. Attractively made and compact, this unit lends itself to a wide variety of uses. Three tubes plus rectifier. Transformer powered. Shipping weight, 4 lbs. 21 A 4502 Net 34.95

MODEL T-4

Contains matching transformers for monitoring 600 to 10,000 ohm outputs to output jacks for Stereophones and a terminal board is provided for connection to various types of equipment. Shipping weight 1½ lbs. 21 A 4503 Net 7.95

MODEL T-5 JUNCTION BOX

Junction Box for connecting stereophones to existing stereo or monaural system. Impedance 4-16 ohms. Contains 2 Volume controls for changing the Volume of each side of the headset independently. Has 2 output jacks for stereo or monaural use. Equipped with speaker on-off switch for personalized listening. Shipping weight 1¼ lbs. 21 A 4504 Net 8.95

NEW MODEL PRO-4 PROFESSIONAL HEADSET (Fig. B)
Rugged construction. Adjustable, spring steel headband and fluid filled cushions for more efficient seal. Response: 30-20,000 cps. Imp. 4 ohms 8-foot cord. Shpg. wt., 3 lbs. 21 A 4505 No Money Down Net 45.00

JENSEN HS-1 STEREO HEADPHONE

- Frequency Response: 20-15,000 cps.

2495



Lightweight headphones for stereo or mono use. Provide extreme lows down to 20 cycles without booming, to 15,000 cps. Removable foam ear cushions exclude outside noise . . . can be easily cleaned. High compliance, curvilinear, moisture resistant diaphragm. With 8-foot cord, standard 3-contact phone plug, plus jack. Impedance 8 ohms per channel. Shpg. wt., 2¼ lbs. 21 A 4351 No Money Down Net 24.95

Model CC-1 STEREO HEADPHONE CONTROL CENTER

Provides "Space Perspective" of stereo sound. 21 A 4352 Shpg. wt., 3½ lbs. Net 39.75

AKG MODEL K50 DYNAMIC STEREO HEADPHONES

- Frequency Response: 20-25,000 cps.

2350



Thrilling stereo with faithful reproduction are yours with the lightweight K50 headset. Designed to eliminate overshoot doubling or disturbing resonances. Special dynamic capsules slide on chromium plated wire springs. Response: 20-25,000 cps. Less than 1% distortion. For stereo or mono connection. Impedance 200 ohms per unit. 6½ foot cable equipped with standard phone plug. Shpg. wt., 1½ lbs. Imported. 21 A 7901 Net 23.50

21 A 7902 Rubber ear cushions for K-50 Net pr. 1.90

LAFAYETTE 2-SPEED STEREO PLAYBACK TAPE DECK

RK-141

WITH 6-TRANSISTOR DUAL STEREO PREAMPS
ACCEPTS FULL SIZE 7" REELS



PLAYS BACK

- Stereo ¼-Track; ½-Track
- Monaural ½-Track; Full-Track

- Dual NAB Equalized Transistorized Stereo Playback Preamps Allows Use With Virtually Any Stereo Amplifier
- 2 Speeds—7½ & 3¾ ips
- Accepts Full-Size 7 Inch Reels
- Automatic Shut-Off At End Of Tape

COMPARE THESE PERFORMANCE SPECIFICATIONS

- Frequency Response: @ 7½ IPS, 50-15,000 CPS ± 1.5db; @ 3¾ IPS, 50-9,000 CPS ± 2db
- Wow & Flutter .15% @ 7½ IPS, 0.2% @ 3¾ IPS
- Cross Talk & Stereo Channel Separation: 50db
- Signal To Noise Ratio: 50db
- Playback Output with Built-In Stereo Playback Preamplifiers 0.5V
- 110-120V 60 cycles AC operation

OPTIONAL PORTABLE CARRYING CASE



Only
59⁵⁰

NO MONEY DOWN!

There is nothing to equal the superlative reproduction and fidelity of prerecorded stereo tape. And now at this Lafayette low price you can equip your music system with this RK-141 Lafayette Stereo Playback Tape Deck. Precision engineered to satisfy the most discriminating music listener, the RK-141 will playback with uncompromising fidelity ¼-track and ½-track stereo tapes plus ½-track and full-track monaural tapes. Unlike other units requiring separate playback preamplifiers, the RK-141 is equipped with its own built-in 6-transistor dual stereo playback preamplifiers equalized for the NAB tape curve... allows use with virtually any stereo amplifier by merely connecting to the auxiliary, tuner, or hi-level tape inputs. Its tape handling qualities and mechanism reflect the careful design and construction employed—precision laminated playback head; tape is automatically disengaged from the tape head in rewind, fast, forward and stop positions. Automatic shut-off at the end of the tape. The 4-pole, heavy-duty, constant speed induction motor is fused and employs a dynamically balanced flywheel. A front panel speed selector switch allows instant selection of 7½ or 3¾ ips speeds. In addition, two rugged lever-action controls provide for Rewind, Off, Play and Fast Forward functions. Accepts all size tape reels up to and including 7". Measures 10½x14½x5"H. Complete with shielded hook up cables. Shpg. wt., 17 lbs. Imported
RK-141WX Net 59.50
Furniture Grade Walnut Base for RK-141. Shpg. wt., 4 lbs. Net 6.95
RK-148W Net 6.95
Portable Carrying Case for RK-141. Shpg. wt., 5 lbs. Net 9.95
RK-147W Net 9.95



SCRIBER
ELECTRO
TELEPHONE
PICKUP

Electro Scriber telephone pickup will enable you to amplify, record and make a permanent record of any telephone conversation. Simply place phone base on phono Scriber and plug Scriber into amplifier or tape recorder input. Amplifies cleanly and clearly. Shpg. wt., 1 lb.

MS-220 Model ES701 for standard cradle phone Net 7.35
MS-221 Model ES702 for push-button phone Net 8.53



NEW TELEPHONE
PICKUP COIL
1.89

Designed to feed into the microphone input of either a tape recorder or any high gain amplifier. Easily attached to the telephone by suction rubber type attachment. The coil is electrostatically shielded to minimize hum pick-up. When properly positioned on telephone handset, the output of this device is more than adequate for a fully modulated tape recording. Complete with 5' shielded cable. Shpg. wt., 6 ozs.
MS-693 Imported Net 1.89



REEL LOCKS
.59
Set of Two

Holds tape recorder reel in place by locking spindle to reel. Especially useful if recorder is in vertical position. Will not interfere with normal operation of reels. Easily removable. Shpg. wt., 6 oz. Imported
MS-364 Set of two .59

TELEPHONE PICKUP
FOR RECORDING
TELEPHONE
CONVERSATIONS



Induction telephone pickup. Telephone conversations can now be picked up with no tapping of wires or special telephone circuits. Simply place the phone base, either cradle or upright type, on the pickup platform and connect the leads to the high impedance input of any medium gain audio amplifier, or directly to any tape, disc or wire recorder. Shpg. wt., 8 ozs.
MS-16 Net 1.95



7"
TAPE
CHEST
.95

Durable chipboard storage cases covered in simulated leather. Holds 5 7" reels in separate compartments. Size: 8x7x4½" Shpg. wt., ½ lb.
RT-361 Net .95

METAL TAPE STORAGE CHEST



STANDARD CASE: Sturdy all steel carrying case. Holds 12 7" or 5" reels and cons. Twin snap locks for positive closure; perfect portability. Guards against exposure and accidental erase. Platinum gray hammerfold finish. Metal separators between reels. Includes index cards. Shpg. wt., 5 lbs.
RT-360 Net 2.99

CLEAR PLASTIC REELS

.23 IN LOTS
OF 6



Individually boxed plastic reels for recording tape. Av. shpg. wt., 4 oz. singly.
MS-920 3¼" Reel in lots of 6, Ea. .23; singly, Ea. .26
MS-692 5" reel. In lots of 6, Ea. .26; singly, Ea. .29
MS-267 7" reel. In lots of 6, Ea. .38; singly, Ea. .45



METAL STORAGE CANS

Your best protection for valuable recorded tapes and movie film. Cans are ribbed for easy storage. Precision fit makes opening and closing easy. Attractively finished in grey. 3 sizes to choose from to fit any size reel. Av. shpg. wt., 8 ozs.

RT-364 3" Can. lots of 6, Ea. .18; singly, Ea. .20
RT-365 5" Can. lots of 6, Ea. .27; singly, Ea. .30
RT-366 7" Can. lots of 6, Ea. .36; singly, Ea. .39

TWIST-LOCK STYRENE CANS

• Buy the set — save 45c and GET THE CHEST FREE!



12 dust-free, moisture-proof unbreakable styrene tape cans in storage chest. Can has foolproof twist lock feature and is ribbed for convenient stacking. Center locking stud prevents reel movement on all 7" reels and most 3" and 5" reels. Shpg. wt., 6 lbs.
RT-362 Net 4.95
TWIST LOCK CANS ONLY
RT-363 Lots of 6 ea. .45; Single ea. .49

Complete with Carrying Case

OUR SENSATIONAL
LOW PRICE

169⁹⁵

No Money
Down

Deluxe

LAFAYETTE

MODEL RK-155
PROFESSIONAL-TYPE

4-TRACK
STEREO RECORDER

*An Outstanding Achievement
in Tape Recorder Design!*

- Records 4-Track Stereo and 4-Track Monaural
- Plays 4- and 2-Track Stereo and 4-Track Monaural
- Two Speeds 3¾ & 7½ ips
- Wide Frequency Response for Life-Like Reproduction
- Sound-On-Sound
- Automatic Tape Stop
- Outstanding for Recording FM Multiplex Broadcasts
- 2 Full-Tone, Self-Contained Matched Stereo Speakers



EMPTY REEL

DYNAMIC MIKES

COMPLETE WITH 2 dynamic mikes, output cables, and 7-inch empty tape reel.

**SPECIALLY DESIGNED TO RECORD
FM MULTIPLEX BROADCASTS!**

A Complete Recording Studio in One Case!

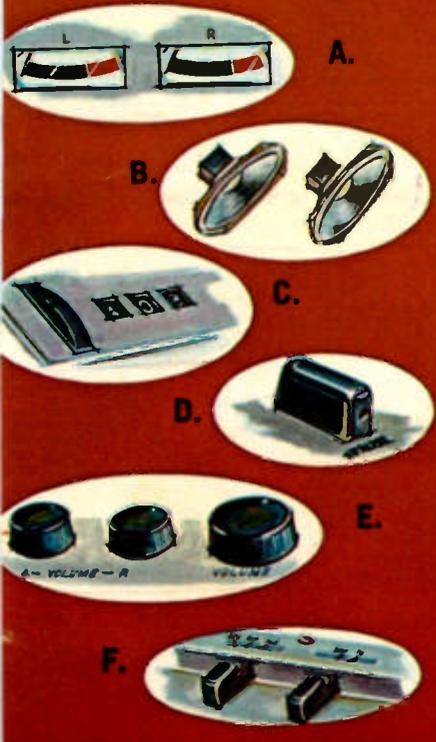
A. Two Level Meters for Precise Channel Balance. **B.** Two Full-Tone Self-Contained Matched Stereo Speakers **C.** Digital Tape Counter Helps You Find Right Place on Reel **D.** Pause Control for Expert Editing **E.** Master and Individual Channel Volume Controls **F.** Positive Action Motor Controls

A remarkable tape recorder at an even more remarkable low price! The RK-155 offers so many outstanding features. Records 4-track stereo and 4-track monaural and plays back 4- and 2-track stereo and 4-track monaural at a time (sound-on-sound) enabling you to accompany yourself for music or language lessons. Outstanding tape mechanism features a 4-pole heavy-duty air-cooled induction motor and rubber belt drive for double flutter filtering. Pressure pads and tape heads are mu-metal shielded to prevent hum pick-up. Superb electronics consist of stereo transistorized preamps and vacuum tube amplifiers. 80 KC bias operation permits perfect FM stereo multiplex recordings. Useful automatic tape stop prevents tape spillage if tape breaks or runs cut in Rewind, Wind or Record-Play functions. Complete with luxurious simulated leather case, 2 dynamic microphones, output cables, and empty tape reel. Shpg. wt., 34 lbs. Imported
RK-155WX Net 169.95

RT-10 Lafayette Recording Tape. 1200 ft. Shpg. wt., 1 lb. Net 1.58

S P E C I F I C A T I O N S

Frequency Response: 40-18,000 cps @ 7½ ips; 40-12,000 cps @ 3¾ ips. Amplifiers: 4 transistors, 7 tubes, full-wave bridge rectifier. S/N Ratio: 45 db, Interchannel Separation 45 db or better; Wow & Flutter: Less than 0.25% @ 7½ ips, Under 0.4% @ 3¾ ips; Bias & Erase: 80 KC; Controls: Pause; 2 Record Buttons W/Safety Interlocks, Rewind/Stop/Play; Stop/Fast Forward, Two 4x6" speakers, Tone control switch, Stereo/Mono Speaker Switch, 3 volume controls, 4 input jacks, 6 output jacks. For 117 volts 60 cycles AC. Size 15¾ Wx7½ Hx11¼ D



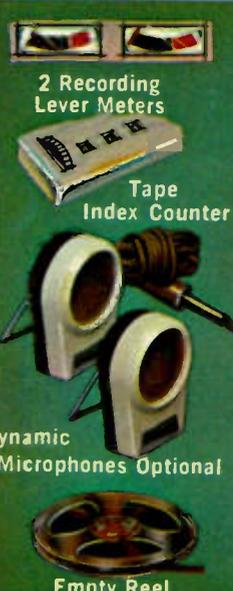
PROFESSIONAL 4-TRACK STEREOPHONIC RECORD and PLAYBACK TAPE DECK

Amazing Quality at an Excitingly Low Price

Complete with Built-in Transistorized Record & Playback Preamps

Add This Exquisite Recorder To Your Present Hi Fi System

- Automatic Cut-off Switch Stops Recorder at End of Tape or When Tape Breaks
- Separate Record/Play and Erase Heads—Mu-metal Shielded to Eliminate Hum
- Plays 4-Track Stereo, 2-Track Stereo, 4-Track, 2-Track and Full-Track Mono
- Records 4-Track Stereo or Mono from FM, AM, FM Multiplex, Radio or Phono Sources; Live from Microphones • Records Sound-on-Sound • 2 Level Indicator Meters—One for Each Channel • Individual Volume Controls • Self-Holding Pause Control



SHOWN with OPTIONAL CASE

99⁵⁰

NO MONEY DOWN

**Deluxe!
Lafayette
Model RK-140**

NOW YOU CAN AFFORD TO ADD THE MAGNIFICENT QUALITY OF TAPE RECORDING TO YOUR PRESENT HI-FI SYSTEM

SPECIFICATIONS

Frequency Response, Record/Playback: 40-18,000 cps @ 7½ ips; 40-12,000 cps @ 3¾ ips. 4 transistors, 4 tubes, 1 full-wave bridge rectifier. Audio Output: .8 volts per channel, S/N Ratio: 45 db, Inter-channel Separation: 45 db or better; Wow & Flutter: Less than 0.25% @ 7½ ips. Under 0.4% @ 3¾ ips; Bias & Erase: 80 KC; Rewind Time: Less than 4 minutes for 1200 ft. of tape. Speed Accuracy: start to finish—under 2%. Controls: Pause, 2 Record Buttons w/Safety Interlocks. Rewind/Stop/Play; Stop/Fast Forward; Power on/Speed Selector, 3 volume controls, Counter: 3 digit. 2 audio output, 2 monitor jacks, 4 input jacks. For 117 volts 60 cycles AC. Size: 15Wx6½Hx10½"D.

Add the magnificent fidelity of tape with this outstanding tape recorder reproducer. The RK-140 abounds in professional-type features making it suitable to meet every stereo and monophonic recording situation. Beautifully styled and designed. Tape transport and electronic components are integrated into one lightweight unit, for use in either a portable carrying case or a handsome built-in home installation. Rugged tape transport has an ultra quiet 4-pole air-cooled induction motor and belt drive for double flutter filtering. Provides smooth drive action. Automatic tape stop at end of the tape or during a break in the tape, and handy pause control give absolute control over tape. Superb electronics consist of transistorized and tube stereo preamps for self-contained record and playback facilities. Makes 4-track stereo and monophonic recordings, plays back 2- and 4-track stereo and monophonic tapes. The two channels operate independently to permit recording one channel at a time (sound-on-sound). Clear FM multiplex recording is assured by high (80 KC) bias operation. Both heads and pressure pads are mumetal shielded to eliminate hum. The simplicity of the

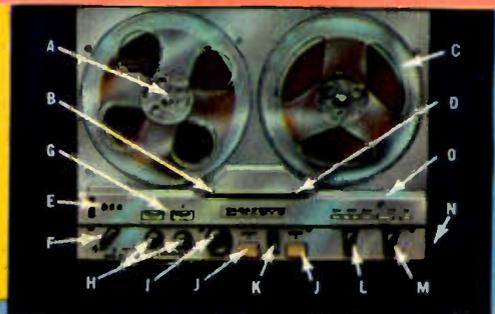
RK-140 makes it the ideal tape deck—all transport and electronic controls are located on the top panel for easy access. Two jacks are provided for connection of stereo microphones (not included) for making "live" stereo recordings. Two recording meters permit accurate recording levels to be set, making it simple to have professional-type recordings you will be proud of. The Pause control further assists in making "pro" recordings by stopping the tape momentarily for editing out commercials, poor notes etc. Other features include: Speed change lever/power on-off selects 3¾ or 7½ ips; master volume control; rewind/stop/play lever; stop/fast forward; on-off pilot light. Takes up to 7" reels. For 117V, 60 cycles AC. Tape Deck is complete with preamps, 4 connecting cables and empty reel, Shpg. wt., 20 lbs. Less Case and Microphones.

RK-140WX Imported	Net 99.50
RK-143WX Deck with carrying case	Net 114.50
RK-159W Base; Furniture Grade Walnut	Net 6.95
PA-401 Dynamic Microphone	Net ea., 4.75, 2-for-8.95

PROFESSIONAL OPERATING FEATURES

- A. SUPPLY REEL—Takes up to 7" size
- B. AUTOMATIC CUT-OFF SWITCH—Stops recorder at end of tape or if tape breaks. Also serves as tape guide
- C. TAKE-UP REEL—For Reels up to 7 inches
- D. HEADS—Separate Record/Play and Erase. Mu-metal Shielded Heads and Pressure Pads Eliminate Hum
- E. INDEX COUNTER—Accurately Indicates Tape Position in Either Direction
- F. SPEED CHANGE LEVER/POWER ON-OFF—Selects 2 Speeds 3¾ ips & 7½ ips Automatically Equalized
- G. LEVEL INDICATORS—2 Meters Indicate Recording Levels For Each Channel
- H. INDIVIDUAL VOLUME CONTROLS—For Each Channel Can Also Be Used For "Trick" Sound Effects

- I. MASTER VOLUME CONTROL—Provides over-all Playback Level
- J. RECORD BUTTONS—One for Each Channel Permits Sound-On-Sound
- K. PAUSE CONTROL—Self-holding—Makes Editing Easy
- L. REWIND/STOP/PLAY LEVER—Instantaneous Selection. Rewind Time Less Than 4 Minutes For 1200 ft. Reel
- M. STOP/FAST FORWARD—Fast Forward Control and Stop which Stops Tape Quickly Yet Gently From Fast Forward Motion
- N. MICROPHONE JACKS—2 Side Mounted Stereo Input Jacks for Microphones
- O. ON/OFF PILOT LIGHT



TRANSISTORIZED 1000 CPS AUDIO GENERATOR

MODEL TE-39

- LOW DISTORTION SINUSOIDAL OUTPUT
- ADJUSTABLE AMPLITUDE
- SELF-POWERED
- COMPLETELY WIRED. NOT A KIT

4⁹⁵



Lafayette offers a compact transistor audio oscillator with a sinusoidal output at 1,000 cycles. The stability is excellent, and the wave form has less than 2% distortion. The output amplitude is adjustable up to 0.5 V. RMS or more. Completely self-contained, powered by a small 9 volt battery—can be used anywhere. This little oscillator can be put to many uses. Can be used to adjust audio amplifiers for linearity or to make low frequency power measurements. For troubleshooting audio amplifiers the oscillator can be connected to various stages to localize the malfunction. In an amateur radio station, this oscillator can be used to test and adjust AM and SSB transmitting equipment. On AM, it can serve as a constant, pure audio signal to check and troubleshoot speech amplifiers, and to adjust modulators for proper performance. On SSB, it can be used to make single tone power measurements, or to check suppression of the unwanted sideband, etc. The oscillator output can be attached to the phono input of a radio or to the input of any audio amplifier to serve as a code practice oscillator. Key can be inserted in the amplifier or in the oscillator battery lead. Output is taken from two binding posts in the rear (spaced to accept a GR plug if one is desired). There is an adjustment inside which can be used to minimize distortion after battery changes, if the proper equipment for wave form analysis is available. The TE-39, by virtue of its portability and compactness, can often be used in place of a more bulky generator, taking up only a little space and operating independently of the commercial power lines. Housed in an attractive metal box with a sloping front panel. The on-off switch and separate amplitude control are on front panel. With 9V. battery. Imported. TE-39 Shpg. wt., 1 1/2 lbs. Net 4.95
BA-2 9V. Replacement Battery for TE-39 Net .21

NEW MINIATURE LAFAYETTE LEVEL METER

- Ideal for Hobbyists, Experimenters and Replacement Use
- Highly Sensitive
- Front Panel Area Only 7/8" W x 1 1/16" H
- Rubber Cushion Mount

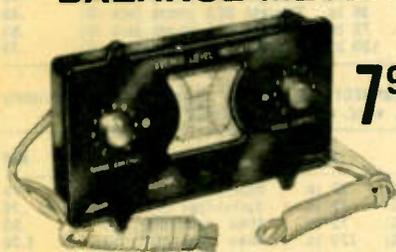
1⁹⁵



A miniature clear plastic front level meter which will indicate relative audio levels for tape recorders, FM sets or transistorized audio equipment. Compact, it is designed for in-panel mounting. The raised face measures only 7/8" wide x 1/16" high. Actual size of meter is 1 1/8" D x 1" W x 1" L. Sensitivity: 250 microamps; Internal resistance—260 ohms. Full scale 500 microamps. Complete with rubber cushion support. TM-31 Shpg. wt., 1 oz. Imported. Net 1.95

STEREO VU BALANCE METER

7⁹⁵



- BALANCES STEREO SYSTEMS • TWO METERS IN ONE • ACCURATE TAPE RECORDER LEVEL INDICATOR

Ends the problem of balancing your stereo system. Two precisely damped loudness meters mounted at opposite ends of the meter assembly provide a continuous comparison of speaker levels. The scales are calibrated in "Volume Units" and percent. 1.2 volts input sensitivity for 0 VU or 100 percent indication. You can balance the entire system in one step. The special calibrating switch and 20 db attenuation controls permit exact matching of channels. It is the ideal recording level indicator for inexpensive stereo tape recorders, replacing the troublesome "magic eyes" or neon bulbs, and giving more accurate, more reliable readings. Safeguarded against burning out by two internal DC blocking capacitors. Greater than 8,000 ohm impedance permits connecting to output circuits without loading. The entire unit is housed in an attractive plastic case 3" x 1 1/2" x 5 7/8". Shpg. wt., 2 1/2 lbs. Imported

TM-40 STEREO BALANCE METER Net 7.95

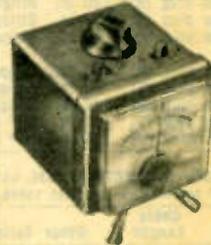
AUDIO OUTPUT VU LEVEL METER

ONLY 5⁹⁵



A level meter for monaural systems, this unit is calibrated in Volume Units and percentages in accordance with standard VU meter practice. Precise damping enables quick and accurate indication of the average level of all non-sinusoidal audio signals. It has a maximum sensitivity of 1.2 volts for 0 VU indication, with a built-in 20 db attenuation control. This meter has countless uses, its 8 300 ohm impedance being high enough not to load most circuits. It can be used for accurate level control of home hi-fi systems, especially where the amplifier feeds a remote loudspeaker. It is ideal as a consistently accurate recording level indicator to replace the clumsy "magic-eyes" and neon bulbs of tape recorders, it indicates proper level in PA, paging and commercial music distribution systems. Housed in a compact plastic case 4" x 2 1/4" x 1 3/8". Shpg. wt., 2 lbs. Imported

TM-20 AUDIO OUTPUT LEVEL METER Net 5.95



STEREO AUDIO ANALYST Single Needle Dual Channel VU BALANCE METER

11⁹⁵

- UNIQUE TWO COIL GALVANOMETER TYPE PRECISION METER MOVEMENT
- SEVEN RANGES OF METER SENSITIVITY
- PROVISION FOR USE AS VU METER AND TAPE RECORDER LEVEL INDICATOR
- MAXIMUM METER SENSITIVITY 120 ua

Provides the solution to all stereo balancing problems. When both signals are equal and balanced the resultant deflection on the scale will measure 0. Individual channels may be measured by two slide switches. Stable meter action and protection from peak voltages is provided by special damping networks. Single seven-step range control serves for both channels and facilitates use of meter with all amplifier power levels. By properly positioning this control the movements may be used as VU meters when terminated across the 600-ohm load. The scales are calibrated in "Volume Units". Sensitivity is 1.2 volts for 0 vu or 100 percent indication. Finished in a rich satin gold. Overall size is 4 1/4" L x 5 1/2" H x 4 3/4" W. Imported

TM-66 Audio Analyst Net 11.95

LANGUAGE RECORDS

CONVERSA-PHONE LANGUAGE COURSES

2⁷⁹



Learning languages is fun by the amazing new Conversa-Phone method. In minutes, you'll be understanding and speaking a new language. Expert instructor teaches you perfect pronunciation as you follow each phrase in the lesson manual. Contains 1-10"-33 1/3 RPM record and manual. Shpg. wt., 3/4 lb.

- | | |
|-----------------|------------------|
| PR-28 French | PR-36 Swedish |
| PR-29 Spanish | PR-37 Finnish |
| PR-30 Italian | PR-38 Norwegian |
| PR-31 German | PR-39 Mod. Greek |
| PR-32 Hebrew | PR-51 Hungarian |
| PR-33 Russian | PR-52 Turkish |
| PR-34 Japanese | PR-62 Arabic |
| PR-35 Portugese | PR-95 Polish |
- Any of above 2.79



CONVERSA-PHONE CHILDRENS LANGUAGE COURSE

2⁷⁹

Learning foreign languages is an important part of every child's education. With these specially prepared record courses, learning a language is easier than ever. Lessons are in the form of stories that amuse your child as they teach. The ideal gift, comes with an unbreakable LP record, an illustrated instruction book and a colorful protective jacket. Shpg. wt., 1 lb.

- | | |
|---------------|----------------|
| PR-58 Spanish | PR-60 German |
| PR-59 French | ANY TITLE 2.79 |
- 1000 MOST FREQUENTLY USED WORDS**
Single LP record pronounces slowly, distinctly 1000 most commonly used everyday words. With manual listing all words. Shpg. wt., 1 lb.
- | | | |
|---------------|---------------|-------|
| PR-54 Spanish | PR-56 German | TITLE |
| PR-55 French | PR-57 Italian | 2.79 |

LISTEN & LEARN LANGUAGE RECORD COURSE

4⁹⁵



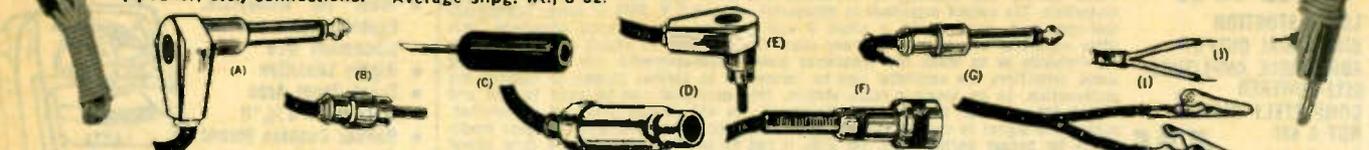
3 LP RECORDS PER COURSE

Learn a language as it is actually spoken, for use in restaurants, shopping, sightseeing etc. Features dual language recording—first an English sentence, then its foreign equivalent. Each set contains 3 high-fidelity 33 1/3 LP records for 1 1/2 hours playing time plus convenient manual with full record text and phonetic transcription. Shpg. wt., 3 lbs.

- | | |
|----------------|----------------------|
| PR-468 French | PR-473 Japanese |
| PR-469 Spanish | PR-474 Modern Greek |
| PR-470 German | PR-475 Portuguese |
| PR-471 Russian | PR-476 Modern Hebrew |
| PR-472 Italian | |
- Any of above Net 4.95

LAFAYETTE COMPLETE CABLE ASSEMBLIES FOR HI-FI AND P. A.

High quality extension cables "tailor made" for users of recorders, hi-fi equipment, etc. All plugs molded directly to various cable combinations. Shielded cable for high impedance (mike, etc.) connections; parallel wire for low impedance (speaker, etc.) connections. Average shpg. wt., 8 oz.



RCA TYPE PHONO PLUG (B) TO VARIOUS CONNECTIONS. All cables shielded except * unshielded parallel cable. Avg. shpg. wt., 9 oz. Imported

Stock No.	One Termination	Cable Length	Other Termination	Net
MS-486	Straight RCA phono plug (B)	36 in.	Straight RCA phono plug (B)	.39
MS-480	Straight RCA phono plug (B)	60 in.	Straight RCA phono plug (B)	.47
MS-481	Straight RCA phono plug (B)	72 in.	Straight phono plug (G)	.69
MS-487	Straight RCA phono plug (B)	48 in.	RCA-type phono jack (D)	.54
MS-483	Straight RCA phono plug (B)	60 in.	RCA-type phono jack (D)	.59
MS-484	Straight RCA phono plug (B)	72 in.	Barrel-type phone jack (C)	.60
MS-555	Straight RCA phono plug (B)	72 in.	Mike connector (F)	.88
MS-556*	Straight RCA phono plug (B)	120 in.	Alligator clips (I)	.81
MS-573	Straight RCA phono plug (B)	36 in.	Stripped & tinned ends (J)	.34
MS-574	Straight RCA phono plug (B)	48 in.	Stripped & tinned ends (J)	.36
MS-575	Straight RCA phono plug (B)	60 in.	Stripped & tinned ends (J)	.39
MS-576	Straight RCA phono plug (B)	72 in.	Stripped & tinned ends (J)	.41
MS-577	Straight RCA phono plug (B)	144 in.	Stripped & tinned ends (J)	.69
MS-805	Straight RCA phono plug (B)	72 in.	90° RCA phono plug (E)	.54
MS-806	Straight RCA phono plug (B)	120 in.	90° RCA phono plug (E)	.72

90° RCA PHONO PLUG (E) TO VARIOUS CONNECTIONS. All cables shielded except * unshielded parallel cable. Avg. shpg. wt., 9 oz. Imported

Stock No.	One Termination	Cable Length	Other Termination	Net
MS-557	90° RCA phono plug (E)	72 in.	Barrel-type phone jack (C)	.72
MS-558	90° RCA phono plug (E)	72 in.	Mike connector (F)	.88
MS-559*	90° RCA phono plug (E)	36 in.	Stripped and tinned ends (J)	.32
MS-560*	90° RCA phono plug (E)	72 in.	Alligator clips (I)	.63
MS-796	90° RCA phono plug (E)	18 in.	90° RCA phono plug (E)	.38
MS-797	90° RCA phono plug (E)	36 in.	90° RCA phono plug (E)	.44
MS-798	90° RCA phono plug (E)	48 in.	90° RCA phono plug (E)	.49
MS-799	90° RCA phono plug (E)	72 in.	90° RCA phono plug (E)	.54
MS-800	90° RCA phono plug (E)	120 in.	90° RCA phono plug (E)	.72
MS-801	90° RCA phono plug (E)	18 in.	Straight RCA phono jack (D)	.45
MS-802	90° RCA phono plug (E)	36 in.	Straight RCA phono jack (D)	.49
MS-803	90° RCA phono plug (E)	72 in.	Straight RCA phono jack (D)	.63
MS-804	90° RCA phono plug (E)	120 in.	Straight RCA phono jack (D)	.72

90° PHONE PLUG (A) TO VARIOUS CONNECTIONS. Std. 1/4" sleeve; completely shielded. All cables shielded except * unshielded parallel cable. Avg. shpg. wt., 9 oz. Import

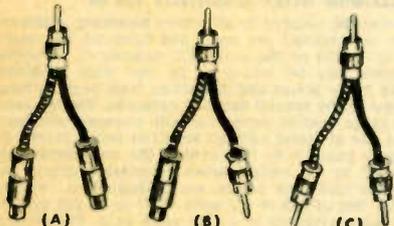
Stock No.	One Termination	Cable Length	Other Termination	Net
MS-545	90° phone plug (A)	72 in.	Straight RCA phono plug (B)	.72
MS-546	90° phone plug (A)	72 in.	Straight RCA phono jack (D)	.85
MS-547	90° phone plug (A)	72 in.	Straight-barrel phone jack (C)	.93
MS-548	90° phone plug (A)	72 in.	Mike connector (F)	.93
MS-549	90° phone plug (A)	120 in.	Mike connector (F)	1.26
MS-550	90° phone plug (A)	72 in.	90° RCA phono plug (E)	.72
MS-551*	90° phone plug (A)	72 in.	Stripped and tinned ends (J)	.51
MS-552*	90° phone plug (A)	72 in.	Alligator clips (I)	.68

PHONE PLUG (G) TO VARIOUS CONNECTIONS. Std. 1/4" diam. sleeve; completely shielded. All cables shielded. Avg. shpg. wt., 9 oz. Imported

Stock No.	One Termination	Cable Length	Other Termination	Net
MS-482	Straight phone plug (G)	72 in.	RCA-type phono jack (D)	.79
MS-485	Straight phone plug (G)	72 in.	Barrel-type phone jack (C)	.79
MS-553	Straight phone plug (G)	72 in.	Mike connector (F)	.93
MS-554	Straight phone plug (G)	120 in.	Mike connector (F)	1.26

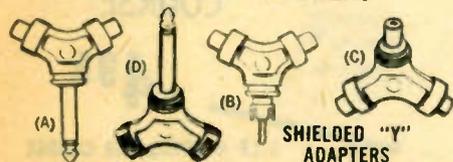
SPECIAL 10 FT. JUMPER CABLE. Unshielded parallel cable, 10 ft. long, with alligator clips (I) at both ends. MS-561 Net .60

FLEXIBLE Y CONNECTORS

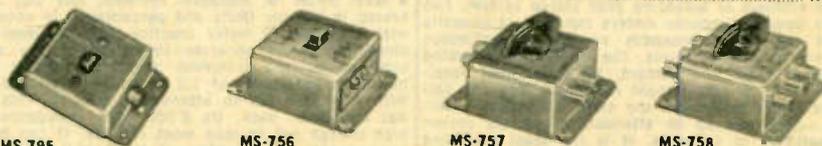


For converting Stereo Player to Monaural. Can be used for a Tap-In-Meter Monitor connection. Also required on some Tape Recorders. Shpg. wt., 4 oz. Imported
 (A) Phono Plug connected to 2 Phono Jacks by 4" shielded cable. MS-672 Net .59
 (B) Phono Jack connected to 2 Phono Plugs. MS-673 Net .59
 (C) 3 Phono Plugs connected together by 4" shielded cable. MS-674 Net .59

SHIELDED "Y" ADAPTERS



Completely shielded Y-Adapters with choice of connectors and terminations.
 (A) Two phono jacks connectors in parallel to a standard 2-conductor phono plug. Avg. shpg. wt., 7 oz. Imported MS-595 Net .69
 (B) Two phono jacks connectors in parallel to a standard phono plug. MS-596 Net .69
 (C) 3 phono jacks connectors in parallel. MS-597 Net .69
 (D) Two male microphone connectors in parallel to a standard two-conductor phono plug. MS-598 Net .69



PHONO-TUNER ADAPTER
 MS-795
 2 phono jack inputs; simple switch selects either. A convenient phono output jack for connecting to amplifier. Includes mounting screws. Av. shpg. wt. for above units is 1 lb. Imported
 MS-795 Net .98

SPEAKER PHASING CONTROL
 MS-756
 Allows you to reverse speaker connection to obtain correct phasing without disconnecting leads from speakers. A must for stereo. Complete with screw terminals and all mounting hardware. Shpg. wt., 1 lb. Imported
 MS-756 Speaker Phasing Control Net .98



STEREO AUDIO CABLES
 Two shielded insulated cables, (of different color tones, for easy identification of channels) inside a common chrome grey plastic jacket, providing two completely isolated channels. Av. shpg. wt., 6 oz. Imported

TYPE	LENGTH	NET
MS-807	36"	Phono plugs 1.17
MS-808	6'	at all ends. 1.35
MS-809	10'	1.62

STEREO-MONAUERAL-REVERSE SWITCH
 MS-757
 Lets you switch instantly from stereo to monaural or reverses stereo channels. 2 phono jacks input . . . 2 phono jacks output. Completely shielded, ready to mount with all hardware. Shpg. wt., 1 lb. Imported
 MS-757 Stereo-Monaural-Reverse Switch Net 1.29

MULTI-INPUT SELECTOR CONTROL
 MS-758
 Connects any one of 5 inputs to 1 output AM, FM, phono, tape, aux. Completely shielded to prevent hum. Complete with mounting hardware. 5 phono jacks input, 1 phono jack output. Shpg. wt., 1 lb. Imported
 MS-758 Multi Input Selector Net 1.76

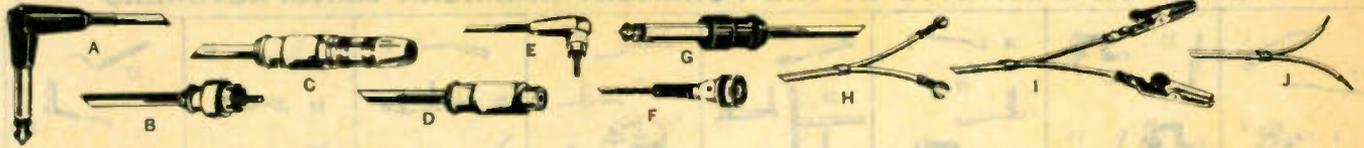


SWITCHCRAFT ADAPTERS — Shielded plug adapters for mikes & Hi-Fi cables
 332A—2 cond. phono jack input to female mike output. Coupling ring back converts mike conn. to male type. MS-874 Net 1.03
 334A—Phono jack input to female mike connector. MS-862 Net .73
 334B—Phono jack input to male mike connector output. MS-873 Net .73
 336A—2 cond. Phono jack input to phono plug output. MS-875 Net .85
 338A—Phono plug at one end with male mike connector at other end. MS-864 Net .59
 342—Dual-purpose binding post/banana jack input, phono plug output. MS-865 Net 1.54
 343—Phono adaptors—female phono jack in end of handle. Internal resistor circuit to adapt crystal phono pickup, or pickup radio or T.V. set to input of Tape recorder—as adaptor with magnetic phono, open panel twist together opposite leads of resistor. MS-876 Net 1.15
 345A—Phono plug output with phono jack input. MS-877 Net .73
 346—Tip jack input to phono plug outlet. MS-867 Net 1.26
 349A—Phono plug coupler—with phono plug at each end. MS-878 Net .59

SWITCHCRAFT COMPLETE CABLE ASSEMBLIES FOR HI-FI AND P. A.

High quality extension cables "tailor made" for users of recorders, hi-fi equipment, etc. All plugs molded directly to various cable combinations with grey plastic handle; built in electrical shield and cable clamp. Chrome

grey shielded cable for high impedance (mike, etc.) connections; chrome grey parallel wire for low impedance (speaker, etc.) connections.



PHONE PLUG (A) TO VARIOUS CONNECTIONS. Std. 1/4" dia. sleeve; completely shielded. All cables shielded except * unshielded parallel cable. Av. Shpg. wt., 5 oz.

Stock No.	One Termination	Cable Length	Other Termination	Net
MS-600	90° phone plug (A)	72 in.	90° phone plug (A)	1.53
MS-601	90° phone plug (A)	120 in.	90° phone plug (A)	2.06
MS-602	90° phone plug (A)	25 ft.	90° phone plug (A)	2.79
MS-604	90° phone plug (A)	120 in.	Straight RCA phono plug (B)	1.62
MS-606	90° phone plug (A)	120 in.	Straight RCA phono jack (D)	1.76
MS-608	90° phone plug (A)	120 in.	Phone extension jack (C)	2.06
MS-609	90° phone plug (A)	25 ft.	Phone extension jack (C)	2.79
MS-614	90° phone plug (A)	120 in.	90° RCA phono plug (E)	1.62
MS-616*	90° phone plug (A)	120 in.	Stripped and tinned ends (J)	1.12
MS-617*	90° phone plug (A)	72 in.	Spade lugs (H)	.88
MS-618*	90° phone plug (A)	120 in.	Spade lugs (H)	1.18
MS-620*	90° phone plug (A)	120 in.	Alligator Clips (I)	1.41

PHONO PLUG (G) TO VARIOUS CONNECTIONS

Stock No.	One Termination	Cable Length	Other Termination	Net
MS-621	Straight phone plug (G)	72 in.	Straight phone plug (G)	1.53
MS-622	Straight phone plug (G)	120 in.	Straight phone plug (G)	2.06
MS-623	Straight phone plug (G)	25 ft.	Straight phone plug (G)	2.79
MS-626	Straight phone plug (G)	25 ft.	Mike Connector	2.79
MS-627	Straight phone plug (G)	72 in.	90° phone plug (A)	1.53
MS-628	Straight phone plug (G)	120 in.	90° phone plug (A)	2.06
MS-629	Straight phone plug (G)	72 in.	90° RCA phono plug (E)	1.18
MS-630	Straight phone plug (G)	120 in.	90° RCA phono plug (E)	1.62
MS-631*	Straight phone plug (G)	72 in.	Spade lugs (H)	.88
MS-632*	Straight phone plug (G)	120 in.	Spade lugs (H)	1.18
MS-633*	Straight phone plug (G)	72 in.	Alligator clips (I)	1.12
MS-634*	Straight phone plug (G)	120 in.	Alligator clips (I)	1.41

MISCELLANEOUS CABLES

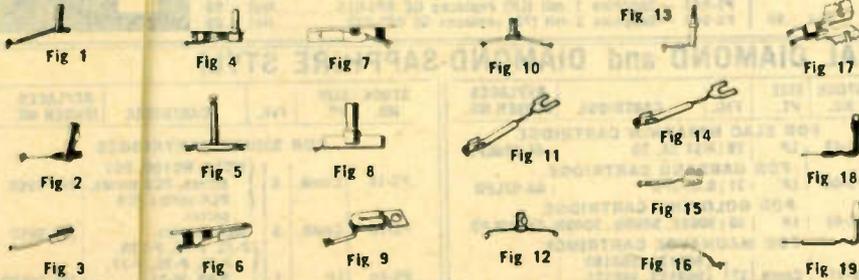
Stock No.	One Termination	Cable Length	Other Termination	Net
MS-664*	Spade lugs (H)	120 in.	Spade lugs (H)	.53
MS-665*	Spade lugs (H)	25 ft.	Spade lugs (H)	1.03
MS-666*	Alligator clips (I)	120 in.	Alligator clips (I)	1.00
MS-667*	Alligator clips (I)	25 ft.	Alligator clips (I)	1.50
MS-668	Mike Connector (F)	36 in.	Mike Connector (F)	1.18
MS-669	Mike Connector (F)	72 in.	Mike Connector (F)	1.47
MS-670	Mike Connector (F)	144 in.	Mike Connector (F)	2.06
MS-671	Mike Connector (F)	25 ft.	Mike Connector (F)	2.94
MS-926	Phono Extension Jack (D) 36"		Phono Extension Jack (D)	.97
MS-927	Phono Extension Jack (D) 72"		Phono Extension Jack (D)	1.15

RCA TYPE PHONO PLUG AND OTHERS TO VARIOUS CONNECTIONS

All Cables shielded except * unshielded parallel cable. Av. shpg. wt., 5 oz.

Stock No.	One Termination	Cable Length	Other Termination	Net
MS-645	90° RCA phono plug (E)	120 in.	Phone extension jack (C)	1.62
MS-650*	90° RCA phono plug (E)	72 in.	Stripped and tinned ends (J)	.53
MS-652*	90° RCA phono plug (E)	120 in.	Spade lugs (H)	.88
MS-654*	90° RCA phono plug (E)	120 in.	Alligator clips (I)	1.32
MS-656	Straight RCA phono plug (B)	120 in.	Mike Connector (F)	1.97
MS-657	Straight RCA phono plug (B)	25 ft.	Mike Connector (F)	2.70
MS-660*	Straight RCA phono plug (B)	72 in.	Spade lugs (H)	.59
MS-661*	Straight RCA phono plug (B)	120 in.	Spade lugs (H)	.88
MS-662*	Straight RCA phono plug (B)	72 in.	Alligator clips (I)	1.03

ELECTRO-VOICE DIAMOND STYLI



Finest quality replacement diamond styli from a leading hi-fidelity manufacturer. Shpg. wt., 2 oz. Pt. Size Code: ST = 7 Mil Stereo.

- LP = 1 Mil Microgroove for 33 1/3 and 45 RPM
- Comb = 1 Mil Diamond and 3 Mil Sapphire
- SS = 7 Mil Diamond and 3 Mil Sapphire
- SL = 7 Mil Diamond and 1 Mil Sapphire

Stock No.	Pt. Size	Fig.	Cartridge	Net
FOR ASTATIC CARTRIDGES				
PS-100	LP	1	AC Series, 40T, 41T, 40-1, 41-1, 42-1, 90T Series, 10L-3, 11L-3, 408	5.85
PS-101	LP	2	CAC, CO, LQD, QT, QT-33, 44-T, 46-1, 48-1, 16RT Series	5.85
FOR ELECTRO-VOICE CARTRIDGES				
PS-102	ST	3	21 and 26 Series	4.41
G. E. CARTRIDGES				
PS-103	LP	4	RPX-040, 41, 42, 46, 61, 63	5.85
PS-104	Comb	5	RPX-047, 50, 50A, 51, 52, 52A, 53, 53A	6.44
PS-105	LP	6	RPX-040A, 41A, 61A, 63A	5.85
PS-106	LP	7	4G-040, 41, 50, 52, 53, 61, 63	5.85
PS-107	ST	8	GC-7	5.85
FOR GOLDRING CARTRIDGES				
PS-108	LP	9	500SS, 500DD, 500SD	5.85

FOR MAGNAVOX CARTRIDGES				
PS-109	Comb	10	560176, 560180, 560133, 560151, 560169, 560170	6.44
FOR MONARCH CARTRIDGES				
PS-110	ST	11	TC85	5.85
FOR PHILCO CARTRIDGES				
PS-111	Comb	12	45-9612, 76-4649, 425-0016	6.44
FOR R.C.A. CARTRIDGES				
PS-112	LP	13	74067	5.85
FOR RONETTE CARTRIDGES				
PS-113	LP	14	TO-200, TO-222, TO-284, TO-400 Series, RA284, DT60 Series	5.85
PS-114	ST	15	OV, OV1, T1 and BF 40	5.85
FOR SHURE CARTRIDGES				
PS-115	LP	16	P-72, P-73, P-73R, P-75, P-76, P-77, P-80, W-21, W-21AR, W-22A, WC-24, WC-25 Series	5.85
PS-116	Comb	17	ML44	6.44
PS-117	Comb	17	WC-10, WC-10D, PC-2 Series, PC-3 Series, PC-4 Series, PC-5 Series—For Sonotone	6.44
FOR SONOTONE CARTRIDGES				
PS-118	Comb	18	2T-LB-D, 2T-LB-SD, 9980-S, 9980-SD, 9980-D, 5T, 5T-LB-S, 5T-LB-SD	6.44
PS-119	Comb	18	3T, 3T-S, 3TD	6.44
PS-120	SS	19	8T and 8TA	6.44
PS-121	SL	19	8T and 8TA	6.44

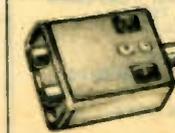
Retractable Cable Assembly

- Supplied with 4 feet of cable, stripped and tinned at one end. Shpg. wt., 5 oz.
- With straight 2-cond. phone plug MS-923 Net 1.91
- With Rt. angle 2-cond. phone plug MS-924 Net 1.91
- With single microphone connector. MS-925 Net 1.97

SWITCHCRAFT CABLE ASSEMBLIES FOR WOLLENSAK, REVERE AND WEBCOR RECORDERS

- Shielded 6' cable with 3-cond. phone plug (G) with internal resistor to Phono Plug (B). For Webcor part 2925. MS-818 Shpg. wt., 4 oz. Net 1.91
- Unshielded 10' cable with 3-cond. Phone Plug (G) with internal resistor to Alligator clips (I) for Webcor part 2934. MS-819 Shpg. wt., 6 oz. Net 1.91
- White Shielded 6' cable with short RA 2-cond. Phone Plug (A) to standard 2-cond. Phono Plug (B). MS-820 Shpg. wt., 4 oz. Net 1.47
- White Shielded 25' cable with short RA 2-cond. Phone Plug (A) to std. 2-cond. short ext. jack (C). MS-821 Shpg. wt., 8 oz. Net 3.50
- White Shielded 2' cable with short 2-cond. Phone Plug (A) to Phone Ext. Jack (C). MS-822 Shpg. wt., 2 oz. Net 2.32
- Grey shielded 10 ft. cable with 3-cond. phone plug (G) with internal resistor to phono plug (B). For Webcor recorders. MS-869 Shpg. wt., 6 oz. Net 2.35
- White shielded 15 ft. cable with short right angle 2 cond. phone plug (A) to short phone ext. jack (C). MS-868 Shpg. wt., 6 oz. Net 2.94

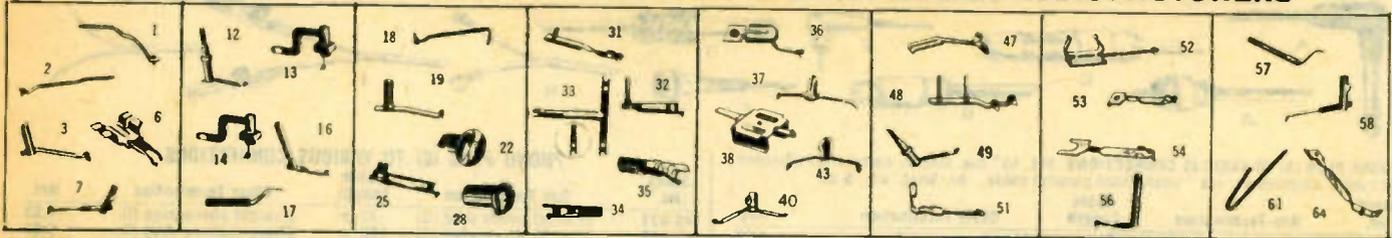
MIXIMIX FOR WOLLENSAK AND REVERE NO. 313



Designed especially for use with late models of Reverse and Wollellensak Tape Recorders. Designed for mixing two sound sources into one output. Inputs are special jacks to accept those presently used on the above mentioned recorders. Special short plug output jack to fit microphone input jacks. Shog. wt., 5 oz. MS-823 Net 5.26

LAFAYETTE DIAMOND STYLI

MADE FOR LAFAYETTE BY THE FOREMOST AMERICAN MANUFACTURERS



KEY TO POINT CODES HOW TO ORDER

The symbols in the column headed "PT SIZE" are explained in the table below.

LP = SINGLE 1 MIL DIAMOND MICROGROOVE FOR 33 1/2 AND 45 RPM

AG = SINGLE 2 MIL DIAMOND ALL GROOVE FOR ALL SPEEDS

ST = SINGLE 3 MIL DIAMOND STANDARD FOR 78 RPM

COMB = DUAL 1 MIL DIAMOND AND 3 MIL SYNTHETIC SAPPHIRE

Identify your needle by cartridge number and illustration and order by stock no. Note that all needles listed here are for monaural cartridges.

ALL DIAMOND STYLI ARE NOT ALIKE

• MADE FROM WHOLE DIAMONDS • PRECISION GROUND AND POLISHED



SAPPHIRE STYLI

All are made of fine synthetic sapphire which is superior to mined sapphire for use on phonographs.

Each Lafayette's diamond stylus is made from individual diamonds ground to close tolerance

FULL 1 YEAR REPLACEMENT GUARANTEE AGAINST DEFECTS IN WORKMANSHIP AND MATERIAL ON ALL DIAMOND STYLI

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ANY DIAMOND or DIAMOND-SAPPHIRE NEEDLE IN THIS LISTING

REPLACEMENT STYLI FOR GE CARTRIDGES

FOR GE VR II CARTRIDGES (FIG. 35)
Direct replacements for clip-in styli in GE VR II series models 4G-050, 4G-052, 4G-053, 4G-040, 4G-041, 4G-063, 4G-061 cartridges. Avg. shgp. wt., 2 oz.
PS-48 — 1 mil diamond LP clip-in stylus. Replaces GE 4G-01D Net 1.69
PS-546 — 1 mil sapphire LP clip-in stylus. Replaces GE 4G-01S Net .89
PS-548 — 3 mil sapphire 78 clip-in stylus. Replaces GE 4G-03S Net .69

MODERNIZATION ASSEMBLIES (FIG. 33)
Modernize your old triple-play cartridge. These assemblies replace both the old and new series "A". Once installed, you can replace one point at a time.
DIAMOND SAPPHIRE. Replaces old RPJ-013 and new RPJ-013A. Avg. wt., 2 oz.
PS-46 Net 1.69
DUAL DIAMOND. Replaces old GE RPJ-012 and RPJ-012A.
PS-79 Net 3.90
DUAL SAPPHIRE. Replaces old GE RPJ-010 and new RPJ-010A.
PS-545 Net .99

STEREO STYLI FOR GE GC-7 (Fig. A on opposite page)

Exact diamond replacement for GE Stylus ST-7D
PS-87 Net 1.89

STEREO STYLI FOR VR227 (Fig. A) On Opposite Page
Exact diamond replacement for GE Stylus VR-227.
PS 89 Net 1.69

Styli For Old Type GE Cartridges (Fig. 32)

PS-45 — Diamond 1 mil (LP) replaces GE RPJ-004 Net 1.89
PS-541 — Sapphire 1 mil (LP) replaces GE RPJ-005 Net .69
PS-540 — Sapphire 3 mil (78) replaces GE RPJ-001 Net .69

FOR GE SERIES A CARTRIDGES (FIG. 34)

Individual styli replacements that clip in to all GE "A" series. Avg. wt., 2 oz.
PS-47 — Diamond 1 mil (LP) replaces GE RPJ-01D Net 1.69
PS-543 — Sapphire 1 mil (LP) replaces GE RPJ-01S Net .69
PS-542 — Sapphire 3 mil (78) replaces GE RPJ-03S Net .69

DIAMOND STYLI FOR
G.E.
AS LOW AS
169

POPULAR MONAURAL DIAMOND and DIAMOND-SAPPHIRE STYLI

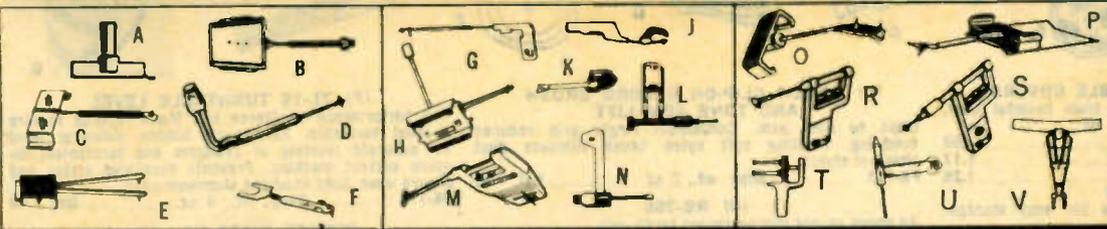
STOCK NO.	SIZE PT.	FIG.	CARTRIDGE	REPLACES JENSEN NO.
FOR ADMIRAL CARTRIDGES				
PS-10	LP	1	409A11, 409B11, 409B12, 409A12	JPS-30LPD
PS-11	LP	2	40A15-2	E-90LPD
PS-12	AG	3	409A16	A-752D
PS-13	Comb.	6	409B20	JPS-36SD
PS-17	LP	7	409A3D	A81LPD
FOR ASTATIC CARTRIDGES				
PS-20	LP	3	AC Series, 40T, 41T, 40-1, 41-1, 42-1, 90T series, 10L-3, 11L-3, 408, 410L	A-75LPD M-70LPD
PS-23	LP	12	57T, 57T1, 57T2	A-68SD
PS-24	Comb.	13	GCD, 409, 55-T, 55T1	A71SD
PS-25	Comb.	14	58T	A-81LPD
PS-17	LP	7	CAC, CQ, CQ-1, LQD, LQD-1, QT, QT-33, 44-T, 46-1, 48-1, 184T Series	A-73LPD J-252D A-74LPD
PS-28	LP	16	LT-3D, LT-4, LT-4D, LT-40-1, 18L3	A-74LPD
PS-29	AG	17	51-1, 53-1, 59-1	A-74LPD
PS-27	LP	18	MG, GC, GC-1, 6L3-D, 8L3-D, 64T, 66, 66-1, 68	A-67LPD
PS-30	LP	19	94T series, 66-3L, 68-3L, 62-1, 68-1, 405, 406, 118, 120, 124 series, 310T, 312T, 42D, 422, 424T series, 310-1, 310-TB, TS, 312-TB, TS, 414-1	A-67LPD
FOR AUDAK CARTRIDGES				
PS-38	LP	25	D-L-8, H1-Q7, L-6, R-2	AU-50LPD
FOR ELECTRO-VOICE CARTRIDGES				
PS-11	LP	2	14, 20, 22, 34, 44, 46, 47, 74, 82, 82SM, 82OM, 84, 84SM, 84DM, 85D, 85OM, 85S, 85M, 86DM, 96T	E-90LPD

STOCK NO.	SIZE PT.	FIG.	CARTRIDGE	REPLACES JENSEN NO.
FOR ELAC MIRATWIN CARTRIDGE				
PS-43	LP	28	MST 2A, 2D	EL-250LPD
FOR GARRARD CARTRIDGE				
PS-44	LP	31	G.C. 2PA	GA-97LPD
FOR GOLORING CARTRIDGE				
PS-48	LP	38	500SS, 500DD, 500SD, GR500LPD	
FOR MAGNAVOX CARTRIDGE				
PS-51	Comb.	37	56D176, 56D180, 56D133, 56D151, 56D169-1, 56D170, 56D176, 56D180, 56D177, 56D188-1 Series	M-50SD CRA-55LPD JPS-36SD S-66SD
PS-35	LP	54		
PS-15	Comb.	6		
PS-70	Comb.	51		
FOR PHILCO CARTRIDGES				
PS-56	Comb.	43	45-9612, 76-4649, 425-0016	PH-13SD
PS-56	Comb.	43	45-0009, 425-0011, 425-0014	PH-13SD
FOR PERPETUUM EBNER CARTRIDGES				
PS-64	Comb.	47	P12/RG	RX550SD
PS-65	Comb.	48	PE-8, PE10	RX351SD
PS-66	LP	22	P7000 (MI, MD) (LP only)	RX552LPD
FOR R.C.A. CARTRIDGES				
PS-23	LP	12	74067	M-70LPD
PS-45	LP	32	74466	G-10LPD
PS-26	LP	12	74625, 75575	M-74LPD
PS-27	LP	18	74984, 76297	A-74LPD
PS-10	LP	1	55652, 76257, (988370-1), 75044	JPS-30LPD
PS-20	LP	3	76257, (988370-2)	A-75LPD
PS-70	Comb.	51	78748, 79807, 100653	S-66SD
PS-68	Comb.	52	78799	S-63LPD
PS-25	Comb.	14	100329	A-71SD
FOR RONETTE CARTRIDGES				
PS-35	LP	53	TO-200, TO-222, TO-284, TO-400 series, RA284, DT60 series	CRA-55LPD
PS-69	LP	38	TX86, A	CRA-56LPD

STOCK NO.	SIZE PT.	FIG.	CARTRIDGE	REPLACES JENSEN NO.
FOR SHURE CARTRIDGES				
PS-16	Comb.	6	WC10, WC100, PC2 series, PC3 series, PC4 series PC5 series	JPS-35SD
PS-15	Comb.	6	ML44 series	JPS-36SD
PS-10	LP	1	P-72, P-73, P-73R, P-75, P-76, P-77, P-80, W-21, W-21AR, W-22A, WC-24, WC-25 Series	JPS-30LPD
FOR SONOTONE CARTRIDGES				
PS-68	LP	52	1P-1PS, 1P-1D, 1P-LB-15, 1P-LB-10, 2TD, 2TS, 2T-SD, 2T-LB-D, 2T-LB-S, 2T-LB-SD, 9980-S, 9980-SD, 9980D, 5T, 5T-LB-S, 5T-LB-SD	S-63LPD S-66SD
PS-70	Comb.	51		S-66SD
PS-27	LP	18	75901S, 7590-LB-15, 3P-1S, 3P-1D, 3P-3S, 3P-3D	A-74LPD S-60LPD
PS-32	Comb.	51	3T, 3TS, 3TD	S-61SD
FOR TELEFUNKEN CARTRIDGE				
PS-72	Comb.	64	TTSA	TE-18SD
FOR WEBSTER ELECTRIC CARTRIDGES				
PS-75	LP	56	AB1M, AX(ole)A1SM, A12M-1, A1, A2, A3, A4, A5, A6, A7, A8, A9, A10, A11	W-15D
PS-77	LP	53	A100, A101, A103, A160, A200, A201, A202, A204, A260, B100, B200, B202, B205, B207	W57LPD
PS-17	LP	7	B1	A-81LPD
PS-10	LP	1	F11	JPS-30LPD

*The open end type (Fig. 54) replaces both Fig. 53 & 54

STEREO DIAMOND AND DIAMOND-SAPPHIRE STYLI



ANY STEREO STYLI

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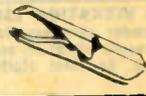
STOCK No.	PT. SIZE	FIG.	CARTRIDGE	REPLACES JENSEN NO.
FOR ACOS CARTRIDGES				
PS-88	SST	G	73-1	AC 30XSD
FOR ADMIRAL CARTRIDGES				
PS-80	S	C	409B33-1(2-1)	E 98XD
PS-81	S	B	409C37-1	CRA57XD
FOR ASTATIC CARTRIDGES				
PS-92	SST	N	17, 17D	
FOR COLUMBIA CARTRIDGES				
PS-84	S	J	SC-1-2-7-8	CS-1XD
FOR ELAC-MIROTWIN CARTRIDGE				
PS-125	SST	D	KST-100, PE-180	EL-253XSD
PS-126	SST	D	KST-104, PE-182	EL252XSD
FOR ELECTRO VOICE CARTRIDGES				
PS-80	S	C	21 and 26 Series	E 98XD
FOR EUPHONICS CARTRIDGES				
PS-93	S	K	E-1-3	
PS-127	S	P	U-1-2-4-5	
PS-136	SST	T	U-8	EUIXSD
FOR GENERAL ELECTRIC CARTRIDGES				
PS-87	S	A	GC7	
PS-89	S	A	VR227	
PS-135	SST	U	C100	G21XSD
FOR MAGNAVOX CARTRIDGES				
PS-80	S	C	560233-3-4	E 98XD
PS-94L	SST	D	560260-1	
FOR MONARCH (BSR) CARTRIDGES				
PS-86	S	F	TC85, TC-85H	CRA 55XD
FOR MOTOROLA CARTRIDGES				
PS-80	S	C	59K643335	E 98XD
PS-81	S	B	59B64395	CRA57XD

STOCK No.	PT. SIZE	FIG.	CARTRIDGE	REPLACES JENSEN NO.
FOR PERPETUUM-EBNER CARTRIDGES				
PS-81	S	B	PE90(M,N)	CRA57XD
FOR PHILCO CARTRIDGES				
PS-80	S	C	35-2809-1, 35-2824-1, 325-8047, 35-2825-1	E 98XD
PS-81	S	B	35-2820-1, 35-2826-1, 325-8048, 325-8049	CRA57XD
PS-86	S	F	35-2827-1, 35-2829-1, 325-8051, 325-8052	CRA55XD
FOR RCA CARTRIDGES				
PS-81	S	B	T, T-1	CRA57XD
PS-85	SST	E	RPM 200 Series—106770, 106771, 106960A, 108213A	M77XSD
PS-134	SST	V	110021	M-80XSD
FOR RONETTE CARTRIDGES				
PS-81	S	B	Dv. DV1, T1 Single BF40, 105, 105-1 (2,3,4) 106-1 (2,3,4)	CRA57XD
FOR SONOTONE CARTRIDGES				
PS-82	SST	D	8T and 8TA	571XSD
PS-83	SLP	D	8T and 8TA	573XSD
PS-95	SST	L	9T Series	
PS-96	SST	M	12TH S	
PS-128	SST	L	16T Series	
PS-129	SST	L	18T Series	
PS-130	SST	R	12THSR	S-84XSD
PS-131	SST	S	12TLAS	S-85XSD

KEY TO STEREO POINT CODES HOW TO ORDER
 Table below explains symbols in Column head "PT. SIZE."
 S = .7 MIL DIAMOND
 SST = .7 MIL DIAMOND and 3 MIL SAPPHIRE★
 SLP = .7 MIL DIAMOND and 1 MIL SAPPHIRE★
 ★ Synthetic

STOCK No.	PT. SIZE	FIG.	CARTRIDGE	REPLACES JENSEN NO.
FOR TELEFUNKEN CARTRIDGES				
PS-90	SST	H	T 2D-2	
FOR VM CARTRIDGES				
PS-80	SST	C	16707-A	E98XD
PS-82	S	D	16708-F	S71XSD
FOR WEBCOR CARTRIDGES				
PS-80	S	C	21P573	E98XD
PS-81	S	B	21P596, 21P598	CRA57XD
PS-82	SST	D	21P700-1-2-3-4	S71XSD
FOR ZENITH CARTRIDGES				
PS-81	S	B	142-99B	CRA57XD

NEW! .7 MIL DIAMOND STYLUS for SHURE M7D STEREO CARTRIDGE



750

PS-91

REPLACEMENT SAPPHIRE STYLI

KEY TO POINT CODE

Table below explains symbols in column headed "PT. SIZE."
 LP = SINGLE 1 MIL MICROGROOVE FOR 33 1/3 AND 45 RPM
 AG = SINGLE 2 MIL ALL GROOVE FOR ALL SPEEDS
 ST = SINGLE 3 MIL STANDARD FOR 78 RPM
 COMB = DUAL 1 MIL AND 3 MIL SAPPHIRES
 S = SINGLE .7 MIL STEREO

REPLACEMENT SAPPHIRE STYLI

Lafayette synthetic sapphire needles are of the finest quality, precision ground to fine tolerances. They are specially made for Lafayette by the finest manufacturers and brought to you at the lowest possible prices. All needles listed below have synthetic sapphire points except those marked with * which are osmium. Illustrations (see column headed "FIG" below) are on the facing page. Av. Shpg. wt., 2 oz.

STOCK NO.	PT. SIZE	FIG.	CARTRIDGE	EACH
FOR ADMIRAL CARTRIDGES				
PS-500	LP	7	409A301	.69
PS-523	AG	3	409A16	
PS-509	ST	1	409A11, 98A54-1	.69
PS-510	AG	1	409A13, 409A13-2	
PS-511	LP	1	409B19-9, 409A300	
FOR ASTATIC CARTRIDGES				
PS-517	ST	57	LT-1M, LT-2M, LT-3M	.69
PS-518	LP	57	66-3M, 66-3 Series; CAC, CQ, QT, LQD	
PS-502	ST	7	LQD	.69
PS-500	LP	7	44, 46, 48, 36, 403	
PS-522	ST	3	Series; 10L3, 11L3, 310	.69
PS-523	AG	3	AC, AC1	
PS-524	LP	3	40, 41	.69
PS-528*	ST	58	Series 14, 15, 66-1M, 66-3M, 66-TMY, 66TMB	
PS-530*	LP	58	66-1, 66-2, 66-3, 66-TV, 66-TB	.69
PS-509	ST	1	PT, 66-3M, 66-3	
PS-532	ST	19	Series; 12L3M, 62, 64	.69
PS-533	AG	19	66, 68, 94-TB	
PS-534	LP	19	94-TMB, 405, 406	.69
PS-535	ST	54	310T, 310TB, 310TS	
PS-536	AG	54	310-2, 414-1, 420-TS	.69
PS-537	LP	54	422-T5, 424-T5	

STOCK NO.	PT. SIZE	FIG.	CARTRIDGE	EACH
FOR MAGNAVOX CARTRIDGES				
PS-535†	ST	53	or 560176	.69
PS-537†	LP	54		.99
PS-539	Comb.	51	560161	
FOR PHILCO CARTRIDGES				
PS-509	ST	1	25-267-1	.69
PS-535	ST	53		
PS-536	AG	or	35-8014, 325-8021	.69
PS-537	LP	54		
PS-539	Comb.	51	325-8018	.99
PS-553	Comb.	51	325-8016	
PS-552	Comb.	40	Series 45, 76, 425	.99
FOR RCA CARTRIDGES				
PS-522	ST	3	76257, (988370-2)	.69
PS-524	LP	3	101955	
PS-509	ST	1	75044, 988370-1	.69
PS-111	LP	1	9890, 9953, 38543,	
PS-535	LP	49	38598, 39550, 398151, 39919,	.69
PS-554	ST	49	70332, 70338, 70339, 72551, 75976	
PS-555	LP	49	74067, 74625	.99
PS-556	ST	49	77779, 75475	
PS-557	LP	49	75575	.99
PS-539	Comb.	51	79807, 100653	
PS-553	Comb.	51	103422	.99
PS-554	Comb.	51		

STOCK NO.	PT. SIZE	FIG.	CARTRIDGE	EACH
FOR RONETTE CARTRIDGES				
PS-535†	ST	53	Series; DT6D	.69
PS-536†	AG	or	RA284	
PS-537†	LP	54	T0284	.69
PS-577	S	B	BF-40, Stereo-OV Stereo-OV-1 DC-500, TC-422 DC-122, Stereo-OV, OV-1	
FOR SHURE CARTRIDGES				
PS-509	ST	1	Series, P-30, 35, 37, 70, 71, 72, 73, 75, 76, 77, 79, 80, 81	.69
PS-511	LP	1	PC-30, 72V, W-21, 22, 23, 24, 69, 68, WC-60	
FOR SONOTONE CARTRIDGES				
PS-539	Comb.	51	Series; 2T, 9980	.99
PS-553	Comb.	51	Series; 3T	
FOR WEBSTER ELECTRIC				
PS-567	ST	56	A-1, A1-8, A7-A7-1,	.69
PS-568	LP	56		
PS-509	ST	1	A7-8, Ag, A10	.69
PS-511	LP	1	F10, F11, F11-1	
PS-571*	AG	61	P1-2, P2-1, UX	.69

†The open end type (54) replaces both Fig 53 & 54.

ROBINS PHONO ACCESSORIES



(A) CHANGER AND TURNTABLE COVERS
Durable, flexible plastic. Protect from harmful dust, moisture, soot, etc. Shpg. wt., 6 oz.
PK-153 type CC-5S 17x15x8 3/4"98
PK-776 type CC-2 13 1/2 x 15 x 8" 1.17
PK-154 type CC-3S 22x16 1/2 x 9" 1.25

RIGID COVER
Rigid cover with collapsible sides for easy storage. Size: 12x15 1/2 x 5". Clear color.
PK-457 3.75

(B) E1S PROTECTIVE DIS-CLOSURES
Round bottom polyethylene plastic sleeves protect 12" records against scratching. Seals out dust and moisture. Ends finger marking. Package of 15.
PK-455 Shpg. wt., 7 oz. Net Pkg. .58

(B) E1S PROTECTIVE JACKET COVERS
Same as above except square covers which can be used either to cover 12" records or standard 12" record jackets. Pkg. of 15.
PK-456 Net Pkg. .58

(C) NB-1 "KLEENEEDLE" BRUSH
Automatic changer needle brush. When arm is cycled stylus is wiped over brush. Removes dust, lint, etc. from stylus for better performance and less stylus wear. Has adhesive pad for mounting.
PK-107 Shpg. wt., 4 oz. Net .93

(D) RBL-1 CLIP-ON RECORD BRUSH AND TONE ARM LIFT
Clips to tone arm. Convenient finger grip reduces fumbling. Floating soft nylon brush removes dust ahead of stylus.
PK-711 Shpg. wt., 3 oz. Net .60

(D) RB-75S
As above except clip-on record brush only.
PK-102 Shpg. wt., 3 oz. Net .29

TA-1 TONE ARM LIFT (Not Illus.)
Convenient finger grip to raise and lower tone arm without scratching record. Shpg. wt., 3 oz.
PK-774 Net .21

(E) PC-12S 12" POLYESTER PHONO CUSHION
Low priced foam mat, cushions record drop, prevents slippage. 1 1/4" dia./wt. 3 oz.
PK-151 Same as above except 9 3/4" dia. Net .69
PK-108 Shpg. wt., 3 oz. Net .59
PK-152 Foam mat for 45 RPM players .35

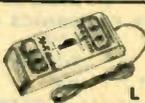
(E) PC-22 NEW RIM-REST PHONO CUSHION
Has graduated ridges for 7", 10" and 12" records. Records rest only on rims. Delicate sound grooves do not touch RIM-REST. Fits all changers and turntables. Made of hi-impact plastic. 12" dia. A hi-fi necessity.
PK-713 Shpg. wt., 8 oz. Net 1.50

(F) TL-1S TURNTABLE LEVEL
Top performance of Stereo and Mono records require a level turntable. Easy-to-use bubble indicator level for accurate leveling of changers and turntables, insures correct tracking. Prevents excessive stylus and groove wear. Gold anodized aluminum case.
PK-714 Shpg. wt., 4 oz. Net .69

STROBE DISCS (Not Illus.)
Place on turntable under neon light. Checks 16 2/3, 33 1/3 and 45 RPM speeds. Shpg. wt., 2 oz.
PK-775 type SD-1 Net .20
PK-712 type SD-4S Same for 16 2/3, 33 1/3 and 78 RPM Net .20

RA-4S 45-RPM RECORD SPIDERS (NOT ILLUS.)
Low cost, hi-compact plastic adapters. Pkg. of 5.
PK-718 Pkg. of 5 Shpg. wt. 3 oz. Net .17
SA-45 adapter for manual turntables. No spiders needed.
PK-461 Net .15

(G) SG-2 STYLUS GAUGE
Sturdy accurately calibrated. Measures stylus pressure from 1/2 to 8 grams. Avoids excessive wear and damage to your records and styli and enables you to get the optimum performance by following recommended tracking pressure. Shpg. wt., 5 oz.
PK-778 Net .75



IP-16S VIBRATION ISOLATION PAD (NOT ILLUS.)
Place under changers, tape recorders, amplifiers, TVs etc. Absorbs vibration and acoustic feedback. Protects furniture. Resilient cloth covered rubber foam 13 1/2 x 16 1/2".
PK-155 Shpg. wt. 12 oz. Net .98

JC-1S "JOCKEY CLOTH" FOR RECORDS (NOT ILLUS.)
Anti-static cleaning cloth treated with Silicone for records. Cleans and lubricates, reduces wear, washable.
PK-83 Shpg. wt., 3 oz. Net .34

ESK-4 PHONO LEVELING KIT (Not Illus.)
A level turntable is essential to avoid excessive wear of styl and record grooves. Kit contains four adjustable rubber feet to mount under turntable base and circular 4-way spirit level for permanent mounting on top deck of turntable. Shpg. wt., 1 lb.
PK-777 Net 2.34

(J) ESK-5 STROBE LIGHT KIT
For testing turntable for proper speed. Consists of strobescope card and neon light. Place strobe disc on turntable, set changer to desired speed and hold lamp over appropriate dots. Movement shows if turntable is correct. For 110-120 v., 60 cy. A.C.
PK-724 Shpg. wt., 6 oz. Net .98

ROBINS SOUND ENGINEERED PHONO ACCESSORY KITS
An assortment of the most popular and most needed accessories required by all phono users to maintain optimum hi-fi, stereo phono performance. These accessory kits are not only extremely useful, but make excellent gifts.

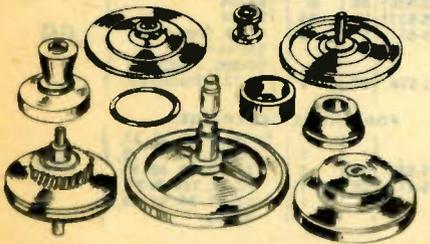
Stock No.	Contents	Shpg. Wt.	Net
PK-721	ESK-3 (H) Stylus gauge, turntable level, stylus microscope, record cleaning cloth, automatic needle brush, and arm lift.	1 lb.	3.45
PK-722	ESK-2 (M) Stylus pressure gauge, turntable level, a unique acrylic lens stylus microscope.	6 oz.	1.95
PK-723	ESK-1 (K) Same as above without microscope.	4 oz.	1.50
PK-725	ESK-6 "ROB-O-STAT" RECORD CLEANING KIT Contains super-fine velvet and foam mit, 1/4 oz. plastic bottle of anti-static detergent-lubricant and a foam pad for cleaning velvet. The finest record cleaning kit available for those who value their records.	Shpg. wt., 5 oz.	Net 1.20

(I) ESK-7 "DISK-WHISK-KIT"
Triple action automatic record cleaner, clips to tone arm. No suction cups or adhesives. Light weight floating nylon brush and floating mohair cylinder loosen and remove dirt from record grooves while record plays. Liquid cleans pad and lubricates record.
PK-726 Shpg. wt., 8 oz. Net 2.40
ESK-8 Renewal Kit for ESK-7. Contains bottle of fluid and two mohair cylinders.
PK-727 Shpg. wt., 3 oz. Net 1.20

(L) HFS-1S ROBINS AUTOMATIC "HI-FI" MINDER
Automatically turns your amplifiers off when automatic record changer stops. (after last record has played) allows you to fall asleep to your favorite music without "burning-up" your equipment. Changer plugs into one outlet of Hi-Fi Minder — amplifier into other outlet. Switch control allows you to use amplifier without changer. For European changers, Garrard, Collaro, Thorns, etc. Size: 6x2x1 1/2".
PK-719 Shpg. wt., 2 lbs. Net 8.00

(L) HFS-2S
Same as above except for American changers, Webcor, etc.
PK-720 Net 6.00

ROBINS REPLACEMENT PHONO AND TAPE DRIVE PARTS



Robins Exact Phonograph Replacement Parts all are idler wheel replacements except * pulley, † Drive wheel ‡ Inter Wheel Δ Idler wheel, #cycle drive wheel. Av. Shpg. wt., 4 oz.

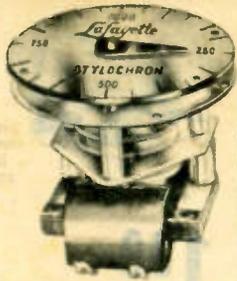
RECORDER DRIVE REFERENCE GUIDE

Lists 73 manufacturers and over 500 models with part numbers and Robins replacement number.
PK-710 Net .06
Free with any order for these parts.

Type No. & Description	Orig. Mfrs. Part No.	Net	Type No. & Description	Orig. Mfrs. Part No.	Net
PK-680	Admiral G400A59, G400A279; Columbia Series 360; G.E. RMW-049, RMW-060; Motorola 272, 491484327, 491484328; Philco 456481; RCA 71411, 75382, 76750; Silvertone K-272, R-46350, R-49655; VM 272	.73	PK-688*	G.E. RMW-063; Motorola 3130; RCA 76746; Silvertone K-3139; VM 3130, 3257	.83
PK-588	Columbia 901, 304, 308; G.E. RMW-057; RCA 74911; VM 2635	.80	PK-689†	G.E. RMW-073; Webcor 11X460	1.83
PK-589	Admiral G400A57; Motorola 3481, 49R484329; Philco 76-2374; RCA 78508; Silvertone K-3481, R-49682; VM 3481	.88	PK-690†	G.E. RMW-072; Webcor 11X458	1.83
PK-587	Philco 76-5267; Zenith 61-125	.78	PK-691†	G.E. RMW-071; Webcor 11X456	1.83
PK-592	G.E. RMW-073; Motorola 40R680436; Philco 35-2308; Webcor 11X003, 11X522	1.27	PK-692†	Motorola 3484; RCA 78227; VM 3484	1.10
PK-593	Columbia 154, Series 300; G.E. RMW-058; Motorola 4916R0437; Webcor 11X368, 11X035; RCA 74927	1.27	PK-693†	Motorola 3485; RCA 78226; VM 3483	1.10
PK-681	RCA 3129	1.93	PK-694†	Motorola 3482; RCA 78525; VM 3482	1.10
PK-584	Collaro 3129 (54-30), 3199 (56-41)	1.93	PK-695*	RCA 10204	.74
PK-682	Silvertone K-5002; VM 5002	.77	PK-696	Adm. 98C15-105, 98B15-57; RCA 105419	.93
PK-585	Garrard 58R83	2.02	PK-697	Collaro 2798 (137)	1.95
PK-683	Silvertone K-3332	1.02	PK-698*	Collaro 3689 (54-41), 3689 (56-47)	1.95
PK-583	Admiral 98B 15-47, 98B 15-73; RCA 102934, Silvertone 39050-0	1.10	PK-699†	Webcor 11X1771	1.95
PK-684†	Garrard 50441, B-62856	2.02	PK-700▲	Symphonic RM32A (All 4-speed models); Symphonic RM32A	.87
PK-685†	Garrard 46524	2.02	PK-701	Philco 35-8053-3; Symphonic 11X1607; Webcor 11X1607	1.95
PK-590▲	Motorola 49R635330; VM 7435	2.02	PK-702*	RCA 78755; VM 5374	.92
PK-686*	G.E. RMW-061; Motorola 3141; RCA 76748; Silvertone K-3141; VM 3141, 3354	2.07	PK-703*	RCA 78750; VM 5373	.92
PK-687*	G.E. RMW-062; Motorola 3140; RCA 76747; Silvertone K-3140; VM 3140, 3356	.75	PK-704*	RCA 78757; VM 5375	1.07
		.95	PK-705	Webcor 11X683, 11X754	1.92
			PK-706	Webcor 11X1201	1.27
			PK-707	Webcor 11X1192	1.13
			PK-708	Zenith 811118	1.27
			PK-709†	Zenith 816921	2.25
			PK-586	Zenith 816922, 821734	2.39
				Bell Sound 711-101-2003; Lafayette 964-A-115, 964-A-130; Pentron 964-A-115, 964-A-130; Silvertone R-63733	1.33
			PK-594	Webcor 11X1192	1.13
			PK-591▲	VM 5731	2.16

EXCEPTIONAL VALUES IN PHONO ACCESSORIES

EXCLUSIVE LAFAYETTE STYLOCHRON



- PROTECT YOUR PRECIOUS RECORDINGS.
- NO MORE GUESS WORK KEEPS AN ACCURATE RECORD OF NEEDLE USE.

More precious recordings are ruined by tardy replacement of the needle than by any other cause. Now, there is no need to let this happen, especially to your doubly precious stereo recordings. Lafayette Stylochron lets you know just how long your needle has been in use so that you can replace the worn needle at the proper time, before it can do damage to your records. The Stylochron is quickly and easily mounted on your motor board or other convenient place. The moment your record changer or turntable starts, the Stylochron begins to register. It stops when the turntable stops. The 1000 hour dial will tell you at any time how long you have been using the needle. Dial is marked off in 50 hour units. You can remove your stylus for inspection at any predetermined number of hours. Diameter of the face plate is 2 3/4". Extends 1 7/8" below or behind panel. Complete with instructions. Shpg. wt., 2 lbs. PK-224 Net 4.95

ROTRON WHISPER FAN

MADE IN U.S.A.



- Super Silent
- Compact Design
- Introduces No Distortion
- Reduces Service Costs
- Ideal For Cooling Hi-Fi Equipment

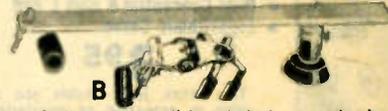
Now From Rotron, a leader in precision fans, the Ideal fan for cooling hi-fi equipment. Extremely quiet. Introduces no distortion, yet it moves 60 cubic feet of cool air per minute. Lets your equipment last longer! Compact in design, it can be easily installed in any position. Airflow is reversible. Advanced heavy system; slow speed and pre-lubrication will provide years of maintenance-free operation. For 115VAC, 60 cps, 7 watts. Size: 1 1/2" deep and 4 1/4" square. PK-329 Shpg. wt., 1 lb. Net 14.85

LAFAYETTE HIGH FIDELITY STEREO-MONAUURAL TEST RECORD

- TESTS RUMBLE EACH CHANNEL ● TESTS LEVEL EACH CHANNEL
- TESTS BALANCE ● TESTS EQUALIZATION ● STYLUS WEAR TEST
- TESTS RESONANCE ● INCORPORATES PHASE CHECK

in 9 steps from 30 to 15,000 cycles, a continuous glide band from 10 to 35,000 cycles, to test for resonances of tone arm or of cabinet. The periodic use of this record to check on your equipment performance will easily pay off by catching any costly deficiencies or by diagnosing faults and errors. Also features sections of stereo sound effects of jet planes, boat whistles, etc. A terrific value and a "must" for the Hi-Fi enthusiast. Comes with complete instructions for use. Shpg. wt., 1 lb. PK-114 Net 2.95

THE ORIGINAL "DUST BUG"



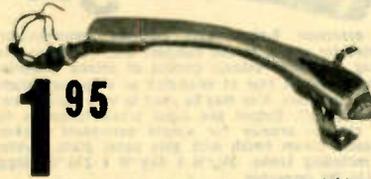
Automatically removes dirt and dust on each playing. Light plastic arm mounts by suction cup. Can be permanently mounted by rubber cement. The bottle of anti-static cleaning fluid has a built-in wick for application to a brush and pad at the end of arm. Shpg. wt., 6 oz. PK-169 Standard model (A) Imported. Net 5.95
 CHANGER DUST BUG (B). The tuft and pad assembly clips onto arm of changer. Performs the same as the standard model. Shpg. wt., 4 oz. Net 4.95
 PK-772 Changer model (B) Imported. Net 4.95
 DISPENSER OF ACTIVATING FLUID. For Dust Bugs. Net 1.25
 PK-247 Net 1.25
 PK-773 Replacement Plush Pad and Nylon Brush Net 1.50

STEREO TONE ARM with CRYSTAL STEREO CARTRIDGE



An exceptional value! A stereo tone arm ready for use with all stereo and monaural LP records at an amazingly low price. Modern, plastic, straight line design with off set plug-in head which has a wide-range stereo cartridge with single synthetic sapphire stylus. Output is 1 volt per channel—high enough to connect directly to basic amplifier. Stylus pressure adjustable by variable spring tension. Has finger-lift for ease in handling. Mounts easily—requires only one 3/4" hole end is secured by single locknut. May be mounted on turntable base of up to 3/4" thickness. Easy height adjustment at base of arm. Overall length 10". Finished in gleaming black with gold trim. Shpg. wt., 1 lb. Imported. PK-171 Stereo Tone Arm with cartridge Net 2.95
 PK-172 Replacement cartridge Net 1.95
 PS-576 Replacement needle Net .49

IMPORTED STEREO/MONAUURAL PICKUP



Employs a high-output crystal turnover cartridge for either stereo or monaural operation. Frequency response, 20-18,000 cycles; output, 1 volt per channel. Crosstalk between channels is 15 db or more down. Each channel has a separate shielded output cable. Travel lock arm rest prevents accidental damage to records. The pickup arm is designed to be mounted in a single, circular hole, 3/4" in diameter. Equipped with side attachment for easy lifting and setting down. Durable plastic construction. Shpg. wt., 7 oz. Imported. PK-537 Net 1.95
 Synthetic Sapphire LP replacement needle for above PS-576 Net .49
 Synthetic Sapphire STD replacement needle for above PS-579 Net .49

STYLOGRAPH STYLUS INSPECTOR



A real boon to record collectors. Helps protect your records and insure continued quality reproduction. An invaluable aid to inspect other small pointed objects too. Shows a large illuminated silhouette on a 1x1 1/2" ground glass screen. Easy to use, needle cartridge need not be removed from tone arm. Complete with on/off switch, bulb and two penlight batteries. Size: 5 3/4 x 1 3/8 x 1 3/8". Shpg. wt., 8 oz. Imported. PK-634 Net 3.29
 BA-155 Extra batteries for above, each Net .13

MODERN 4-SPEED TURNOVER PICKUP



- 2 1/2 VOLT OUTPUT
- TURNOVER CRYSTAL CARTRIDGE
- DUAL SYNTHETIC SAPPHIRE
- 40-12,000 CYCLES

A terrific value! Modern, plastic, straight-line design with offset head, furnished with turnover-type, high-output crystal cartridge (2 1/2V.) with dual synthetic sapphire styl. Power enough to connect directly to basic amplifier. Stylus pressure adjustable by variable spring tension. Has finger lift for ease in handling. Overall length 8 1/2". Height from base to bottom of arm 1 3/4". Simple base mount with 1 1/4" spaced mounting. Shielded leads. Smooth, gray finish plastic arm. Shpg. wt., 2 lbs. Imported. PK-157 Net 2.45
 PK-158 Synthetic Sapphire LP replacement needle Net .49
 PK-159 Synthetic Sapphire Std. replacement needle Net .49

4-SPEED HI-FI TURNOVER PICKUP



- ARM TAKES STEREO OR MONAUURAL CARTRIDGES ● WITH WIDE RANGE MONAUURAL CARTRIDGE ● ADJUSTABLE ARM HEIGHT AND STYLUS PRESSURE

Arm is wired for stereo, anticipating future conversion. Has a wide range turnover monaural crystal cartridge with dual synthetic sapphire styl. Output is 1 1/2" V. Easy height adjustment at base, 1 1/4" to 1 3/4". Also stylus pressure adjustment. Plastic arm 9 1/2" long overall. Base 1 3/4" with mounting holes on 1 3/4" centers. Shielded leads. Satin smooth light maroon finish. Shpg. wt., 2 lbs. Imported. PK-146 Net 2.75
 PK-158 Synthetic Sapphire LP replacement Needle Net .49
 PK-159 Synthetic Sapphire STD replacement Needle Net .49

STONE ARM CONTROL



1.95
 An absolutely essential addition for every Hi-Fi enthusiast. Ends groove and stylus damage caused by accidental dropping of tone arm onto record, greatly extending record life. Accurately and smoothly lowers tone arm into run-in groove and lifts arm off record at end of play. Ideal for "cueing." Designed to fit practically every known turntable arm as well as record changer with manual features. Supplied with adhesive mounting base to keep unit in position and with both wood and metal mounting screws for permanent installation. Shpg. wt., 6 oz. Imported. MS-785 Net 1.95

LAFAYETTE SPECIAL STYLUS INSPECTION MICROSCOPE

.98
 With this pocket-sized inspection microscope you can examine your stylus tip for signs of wear, imperfections, general condition. Its 50X magnification is enough to provide a good, clear image for observation. Size 3 3/4" long x 1/2" diam. Shpg. wt., 8 oz. Imported. PK-237 Net .98

LAFAYETTE VALUES T&L PADS FADERS-MIXERS-SWITCHES

STEREO LEVEL BALANCE CONTROL

- Dual Concentric 8 ohm L Pads
- Logarithmic Curve

2.89



Provides individual level control for stereo speakers. Varies "brilliance" or "presence" Controls stereo extensions without mismatching. Dual control mounted on concentric shaft. Gold-finished brass plate and attractive black knobs with gold trimming. L pad for 8 ohm circuits. Plate is 2 1/4" across; overall depth 3/4". Shpg. wt., 10 oz. Imported
VC-55 Level Control

Net 2.89



DELUXE STEREO LEVEL BALANCE CONTROL

- Dual Concentric 8 ohm L Pad
- Logarithmic Curve

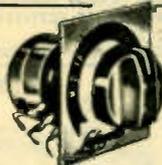
3.95

Two phono jacks enable you to plug in extension or monitoring speakers from the front. Screw terminals in the rear provide for a simple, permanent hookup. Control mounted on concentric shaft. Brushed brass plate with attractive black with gold-trim knobs. Concentric 8 ohm L pads. Use it to control volume on a second set of speakers. Plate is 4 1/2 x 2 3/4"; from front of knob to plate 1"; Overall depths 3 3/8". Shpg. wt., 1 lb. Imported
VC-56 Deluxe Level Control

Net 3.95

LAFAYETTE L PADS

1.39



New L pads for use as "brilliance" controls to vary tweeter level, or as "presence" controls to vary mid-range speaker level. Both wirewound elements are concentrically mounted within one plastic housing. With gold-finished metal escutcheon plate, mtg screws, and attractive black knob. Size: 1 1/4" dia., 7/8" deep (less shaft), 2 1/2" deep overall. Shpg. wt., 6 oz. Imported
VC-49—L pad for 8 ohm circuits
VC-50—L pad for 16 ohm circuits

Net 1.39
Net 1.39

LAFAYETTE T-PADS

3.85



T Pads (D). Constant impedance control to adjust speaker volume. With brass satin plate for wall mounting. With all parts and instructions. Shpg. wt., 10 oz.
VC-51 8 ohm T Pad Imported
VC-52 16 ohm T Pad Imported

Net 3.85
Net 3.85

LAFAYETTE REMOTE SPEAKER FADERS

AS LOW AS

69



Remote Speaker Fader (E). Provides adjustable volume level for Radio, TV, Hi-Fi and remote speaker. Gradually increases volume on one speaker while diminishing volume on the other. May also be used to adjust volume for 1 speaker. Gold plate for front panel mounting. With instructions. Shpg. wt., 6 oz. Imported
VC-53
Remote Speaker Fader (G). Same as VC-53 except for wall mounting. Shpg. wt., 6 oz. Imported
VC-54

Net .69
Net .89

LAFAYETTE MINIATURE HI-FI AUDIO MIXERS

With this handy, small mixer you can announce titles before playing records, mix two high impedance microphone inputs or perform any other mixing operation where 2 high impedance input channels are converted to a single mixed high impedance input channel. Each input channel has its own easy acting level control for quiet mixing; all mounting in shielded, chrome plated housing. Has momentary switch to protect speaker while inserting into system. Has 2 RCA type female input jacks and one male RCA plug on output side. Overall size 2 3/4 x 1 3/4 x 7/8". Shpg. wt., 1/2 lb. Imported

PK-239 AUDIO MIXER Net 1.29

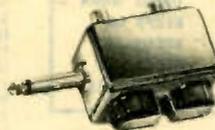
AUDIO MIXER—Same quality and characteristics as PK-239 except output is standard Phone Plug. Size 3 1/4 x 1 3/4 x 1 1/4" overall. Imported
PK-242 Net 1.39

AUDIO MIXER—Same quality and characteristics as PK-239 except output is standard Female Mike Connector. Inputs consist of 2 Male Mike Connectors. Size 2 3/4 x 1 3/4 x 7/8" overall. Imported
PK-243 Net 1.59

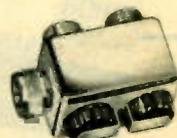
1.29



1.39



1.59



LAFAYETTE VC-64 STEREO LEVEL CONTROL

- Dual Concentric 8-Ohm L Pads
- Logarithmic Curve

3.98



Two precision 8-ohm level controls concentrically mounted for stereo in one compact unit. Ideal for controlling individual volume control of stereo extension speakers without fear of mismatch or affecting volume of main speakers. Also may be used to vary "brilliance" or "presence". Output and input screw terminals for each channel provide for simple permanent hookup. Handsome cream finish with gold panel plate. Overall Size including knobs: 3 3/4" H x 4 1/2" W x 2 3/4" D. Shpg. Wt., 1 1/2 lbs. Imported
VC-64

Net 3.98

STEREO SELECTOR SWITCHES

- PERMITS REMOTE SELECTION OF ANY 3 PAIRS OF SPEAKERS



(Fig. A) A constant impedance speaker selector switch for multiple-speaker Stereo Hi-Fi. Selects 3 sets of speakers in any combination, with up to 60 watts of audio power. Mounted on an attractive, gold-finished, steel, electric outlet plate. 2 3/4 x 4 1/2". Shpg. wt., 1 lb. Imported.
MS-765 Stereo Speaker Selector Switch Net 1.59
(Fig. B) As above in enclosed case 2"Hx4"W x 3"D.
MS-919 Net 2.10

Net 1.59
Net 2.10

VOLUME CONTROL ADAPTER STEREO LINE BALANCE

.79

Built-in volume control circuit permits high volume signals to be fed into the high gain input of tape recorders without overloading. Phono jack input to phono plug output. Completely shielded. Designed for use in unbalanced stereo channels; use in pairs for dual stereo channel control. Shpg. wt., 6 oz.
MS-770 Imported Net 79

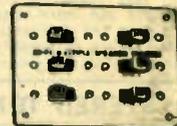
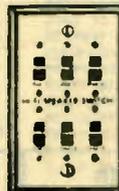
VOLUME CONTROL ADAPTER—Same as MS-770 above except has phono jack input to a 2-conductor standard phone plug output. Shpg. wt., 6 oz. Imported
MS-769 Net .89

.89



LAFAYETTE MULTIPLE 6 SPEAKER SWITCHES

(A) AS LOW AS
1.19
(H)



Multiple Speaker Switch (A). Constant impedance device for controlling any 6 remote speakers; up to 63 different combinations. Wall mounting with brass plate. Shpg. wt., 10 oz. With instructions and hardware
MS-459 Imported Net 2.10

Multiple Speaker Switch (H). Identical to above but mounted on flat, gold-embossed plate for mounting on flat panel. 3 1/2 x 2 3/8". Shpg. wt., 10 oz. Imported
MS-544 Net 1.19

LAFAYETTE 3-SPEAKER SELECTOR SWITCHES



(Fig. B) Selects any one of 3, or any combination of 2 or 3 speakers with up to 60 watts of audio power. A constant impedance device. On gold finished steel electric outlet plate with black and ivory knob. 2 3/4 x 4 1/2". Shpg. wt., 1 lb. Imported
MS-458 Net 1.39
(Fig. C) Same as above in enclosed case 3 1/4 x 4 1/2 x 2 1/4".
MS-567 Imported Net 1.89

Net 1.39
Net 1.89

LAFAYETTE REMOTE SPEAKER SWITCHES



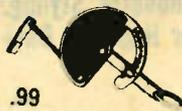
.59

Remote Speaker Switch (C). Connects remote speaker to any existing set. Turns both on or either speaker on or off. With gold embossed plate for front panel mounting. Shpg. wt., 6 oz. Imported
MS-469 With all parts and instructions Net .59

Remote Speaker Switch (F). Same as MS-469, except for wall mounting. Shpg. wt., 6 oz. Imported
MS-470 Net .79

.79

HI-FI INSTALLATION, AUDIO AND PHONO ACCESSORIES



LAFAYETTE SPECIAL VALUE STYLUS PRESSURE GAUGE

.99
With the advent of stereo records, correct stylus pressure becomes all important in obtaining the best reproduction and least stylus and record wear. Lafayette's stylus pressure gauge is an accurate device that allows you to read with the pickup in normal playing position. Range, 0-30 gm. No spring and minimum moving parts. Shpg. wt., 1 lb. Imported
PK-223 Net .99

WEATHERS STYLUS FORCE GAUGE



Provides a simple, accurate measurement of phonograph pickup force. All metal construction and it contains no spring. Shpg. wt., 1 lb.
PK-254 WEATHERS P-675 Net 2.00



176 CLARKSTAN NEEDLE FORCE GAUGE

Checks weight of pickup arm from one gram to 4 ounces. Has 2 scales, plus calibrated dial with 4:1 scale multiplier. Shpg. wt., 1 lb.
PK-72 Net 1.76

DELVAN RECORD CLEANER KIT



Keep your records free from dirt and dust that give your records those annoying pops and reduce record life. One application keeps records static free for months. Velvet type pad gets into the grooves. With needle brush. Shpg. wt., 10 ozs.
PK-193 Net .79

LEKTROSTAT RECORD CLEANING KIT



Clean your valuable records the professional way with the Lektrostat method. Kit contains a non-gumming anti-static detergent in polythylene bottle. Squeeze to apply for complete elimination of static in the record grooves. Also included is an applicator made of soft yet firm velvet, contained in a novel plastic pouch. Shpg. wt., 10 oz.
PK-249 Net 1.96

LAFAYETTE RECORD CLEANING KIT



129

Deep clean your records the modern way. Specially prepared detergent anti-static record cleaning fluid protects your valuable records as it cleans. Just a few drops on new velvet-foam rubber applicator mitt will give your records a professional cleaning job. Supplied with anti-static fluid, velvet applicator mitt and polyurethane pad. Shpg. wt., 10 oz.
PK-508 Net 1.29

RECORD STATIC and DUST ELIMINATOR



Sprays a fine mist which keeps your record clear of surface noise created by static (common to all vinyl records) and clean of dust attracted by the static charge. Prevents groove and needle wear caused by static-dust and keeps records lustrous. Extends their life. Two applications a year is sufficient. Enough for hundreds of records. Shpg. wt., 8 oz.
PK-105 Net .88

RECORD CARRYING CASES



Fig. A



Fig. B

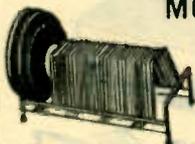
FOR 12" RECORDS

(Fig. A) Handsome case holds 60 — 12" records without jackets, 36 with. Solid wood frame lock corner construction. Covered with Pyroxolin coated cloth, washable and long wearing. Two tone. Sure-hold lock. Complete with numbered separators and index. 13 1/4 x 7 x 14 1/2". Shpg. wt., 7 lbs.
PK-458 Net 5.75

FOR 7" RECORDS

(Fig. B) Same construction as above. Double sided. Holds 120 records. 15 1/2 x 7 x 8 3/4". With index and separators. Shpg. wt., 7 lbs.
PK-459 Net 5.25

MODERN RECORD RACK



179

Attractive, brass plated rack carries 60 records of all sizes. Spring steel separators numbered 1 to 60. Heavy carrying handle. Rubber tipped feet. Size 17Lx5 3/4Hx7"D. Shpg. wt., 4 lbs.
PK-227 Net 1.79

STOR-A-OR RECORD RACK

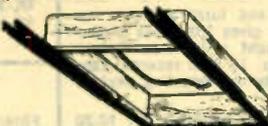


- Hangs On Wall Or Door
- Stores Up to 60 Records
- Records Easily Accessible

Conveniently store your precious records in this sturdy aluminum record rack where they can be easily reached when needed, yet out of the reach of children. Rack hangs on wall or door without taking up floor space. Stores up to 60 records in their jackets, as record manufacturers recommend. Handsomely designed to fit any decor. Permits jackets to be displayed for their decorative effect. Bright aluminum finish. Dimensions: 16Wx40Lx3 1/2"D. Shpg. wt., 3 lbs.
ML-261 Net 5.25

SLIDE-OUT DRAWER FOR RECORD CHANGERS

695



Designed for custom installations of record changers in bookcases, cabinets, tables, etc. Made of durable plywood and equipped with heavy duty steel slides which operate smoothly and quietly on ball-bearings. Slides extend drawer up to 10 3/4" beyond edge of cabinet. Supplied with uncut blank top. Unfinished wood permits your painting to suit your own decor. Size 16x16x3 1/2". Shpg. wt., 8 lbs.
PK-47W Net 6.95

BALL BEARING HEAVY DUTY SLIDES



Drawer slides made of 16 gauge steel. Supports 50 lbs. Ball bearing, double-extension type, drawer slides. Length 15" travel length 11", extended 22". Shpg. wt., 5 lbs.
ML-34 per pair Net 1.75
SHORT TYPE. Same construction as above but 13" long; travels 9"; extends to 22".
ML-113 per pair Net 1.50

RECORD ALBUMS



(1) (2)

(1) RECORD ALBUM — Durable. Holds 12 records. A set of these handsome maroon albums with gold lettering will add to the appearance of your record library. Shpg. wt., 1 lb.
PK-296 for 7" records Net .63
(2) LP ALBUM BOXES — Stores records in jackets. Dust proof. Rigid overlapping sides. Covered in washable, durable Kyvar with chestnut board, deeply padded covers. Beautiful wine-maroon, gold embossed. Shpg. wt., 3 lbs.
PK-241 Holds 15 - 12" Records Net 1.95

Fig. C

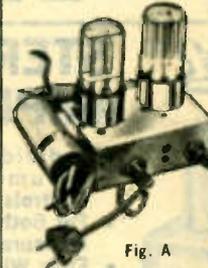


Fig. A

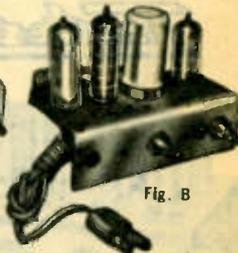


Fig. B

2 TUBE AMPLIFIER WITH TUBES

(Fig. A) Uses a 50L6 and 35Z5 rectifier tube. Has volume control with switch and tone control. Chassis size: 2 1/2 x 3 1/2". For 110 125V, AC or DC. With cord and plug, tubes, diagram but less output transformer. Shpg. wt., 3 lbs.
PK-24 Net 4.50

THREE TUBE AC-DC PHONO AMPLIFIER

(Fig. B) Equipped with a variable tone control and a separate volume control with off position. Delivers up to two watts output. Phonograph motor connects to the amplifier. Uses 3 tubes: 12AV6, 50C5, and 35W4 rectifier. For 110-125V AC or DC. 2 1/4 x 4 1/2" steel chassis. With cord and plug, schematic, but less tubes and output transformer. Shpg. wt., 2 lbs.
PK-23 Net 3.25

(Fig. C) OUTPUT TRANSFORMER matches output tube to 3-4 ohm voice coil. Shpg. wt., 1/2 lb.
TR-10 Singly ea. .49
In lots of 5 ea. .45

FIBRE GLASS INSULATION



Excellent sound absorbing material. For lining interiors of speaker cabinets, consoles, phonos, TV's, etc. Damps medium and high frequency reverberation and distortion. Suitable for many other installation purposes. 9 sq. ft., 1" thick with glue and applicator. Shpg. wt., 1 lb.
SB-40 Net 1.49

DELUXE BASS REFLEX KIT: 20 square feet. 16x16x1". Bonded fibre-glass. Shpg. wt., 2 lbs.
SB-55 Net 2.70

TUFFLEX INSULATION



Sound absorbing insulating material. Excellent for use in lining speaker cabinets, radio-phonograph consoles, etc. 1/2" thick. 11" width only. 7-ft. is the minimum length sold.
SB-28 7 ft. Net 1.00
Longer lengths per foot Net .14

1" TUFFLEX. Double the thickness of above. Supplied only in 12x18" sheets.
SB-29 Per Sheet Net .39

FOUNTAIN PEN BRUSH. New unit with brush in a fountain pen case. Fine camel hair brush recedes inside the body for protection. Use it to clean stylus, records, camera lens and other fine instruments. Shpg. wt., 4 oz. Imported
PK-229 Net .89



STEREO/8 AMPLIFIER



1795

A GIGANTIC VALUE—With That Compact Low Silhouette Styling!
Complete with case—to grace any location in your Home or Business. Small Enough To Fit Anywhere.

- Separate Stereo Volume-Balance Controls
- Variable Tone Control With On-Off Switch
- Front-Panel Phono-Tuner Switch for Selection of Phono or Tuner
- Selector Switch for Monaural or Stereo Operation

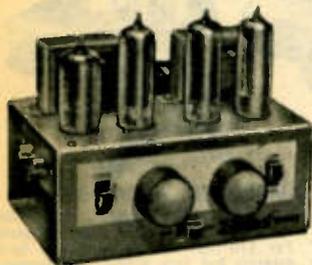
One of the finest stereo values we have ever offered. This attractive, compact dual channel stereo amplifier will amaze you with its fine performance—Ideal for that low cost stereo system you are planning for your living room, den, bedroom or business. It's petite size lends itself easily to any location—it's attractive low silhouette styling will blend beautifully with the furniture decor in any room of your home or business. Excellent for converting your present monaural console or portable to stereo.

Controls include separate Left Channel and Right Channel Volume-Balance Controls, Stereo Monaural Mode switch, Variable Tone control with On-Off switch, Phono/Tuner Selector switch; 4 jacks in rear for stereo tuners and stereo crystal or ceramic phono cartridges; 2 pair of 4-ohm output terminals accept most speakers. Tubes and components mounted horizontally for compactness. Complete with case. Tube complement: 1-12AX7, 2-35C5, plus 35W4 rectifier. Size: 7½x2½x5½" D. PK-728 Shpg. wt., 6 lbs. Imported

Net 17.95



STEREO/5 AMPLIFIER



- Individual Stereo Volume-Balance Controls
- For Both Stereo and Monaural
- Fully Wired—Ready For Stereo

1095

This rugged, precision made dual channel stereo amplifier will amaze you with its fine quality . . . Ideal for that low cost stereo system you're planning for your home or business. Perfect for converting your present console or portable to stereo. Controls include separate left channel and right channel volume controls, stereo-monaural mode switch, tone control switch and on-off switch. Provision for crystal or ceramic cartridge. 4-ohm output terminals accept most speakers. Tube complement: 2-35C5, 1-12AX4 plus 35W4 rectifier. Size: 4½x5½x4½" D. 115-volt 60 cycles. PK-441 Shpg. wt., 5 lbs.

Net 10.95

COMPLETE STEREO PHONO SYSTEMS

AS LOW AS

49.50

NO MONEY DOWN



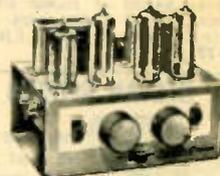
Trutest Stereo/8



Lafayette — Webcor Record Changer



2 Lafayette SK-109* *See pages 47 and 78 for full description



(PK-441 Alternate)

Trutest Stereo/8 Stereo Amplifier, Lafayette — Webcor Automatic 4 Speed Record Changer with wide range cartridge*. 2 Lafayette SK-109* Miniature Speaker Systems in Attractive Mahogany veneer finish. Above system supplied complete with 25' speaker cable for each speaker. Shpg. wt., 26 lbs.

Net 54.50

Same system as above except with Stereo/5 stereo amplifier instead of Stereo/8 stereo amplifier. PK-798WXM Shpg. wt., 25 lbs. Net 49.50

PK-794W Mahogany base for changer Net 3.95

BATTERY OPERATED PHONO MOTOR

- 3 SPEEDS
- OPERATES ON FOUR FLASHLIGHT CELLS

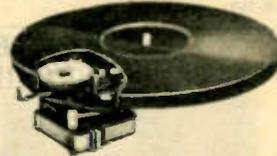


A rugged, constant phono motor and turntable with low wow and flutter. Low current drain gives 135 hours of normal use from 4 standard flashlight cells. New 6-inch plastic turntable will play 45, 33½, 16 RPM records. Easy mounting, single assembly. Depth below mounting surface 2 in. Shpg. wt., 4 lbs.

ML-9 Battery operated phono motor and turntable Net 10.20
BA-157 Batteries for above ea. .13

4-SPEED PHONO MOTOR WITH TURNTABLE

Quiet, dependable A-C operation assured by rubber shock-mounted friction drive motor. Speed change control through idler driving on 8" turntable. Mounting centers 4½x3¾ 2¼" depth below base plate. Shpg. wt., 3½ lbs.
ML-24 Phono and turntable Net 5.35
PK-149 Mounting board for motor Net .95



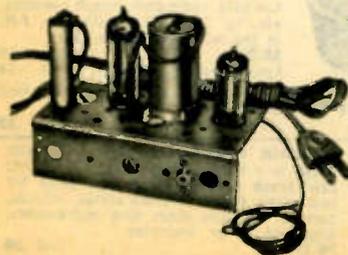
STEREO RUMBLE FILTER

Filters out turntable vibration and rumble—makes every low-priced turntable and changer quiet and rumble-free. Designed for use with ceramic or magnetic cartridges. 3-position selector switch—ceramic, magnetic cartridge, off. Just plug it in between cartridge and amplifier inputs. Overall size: 5x2¾x¾" Shpg. wt., 14 oz. Imported.
PK-444 Stereo Rumbler Filter Net 2.49



RADIO BROADCASTER/PHONO OSCILLATOR

4.50



Have fun making announcements and broadcasting music through your own radio — with this broadcaster. Simply connect high impedance microphone or phono pickup to broadcaster and tune in broadcaster on radio. No wiring between the broadcaster and radio set. Pretuned to 1600 on radio dial but easily retuned. With 12BE6 and 35W4 tubes, phono jack, 2 feet of antenna, schematic and line cord. Completely wired. Chassis size: 4x2". For 110-125V AC/DC operation. Shpg. wt., 2 lbs.
PK-25 Net 4.50

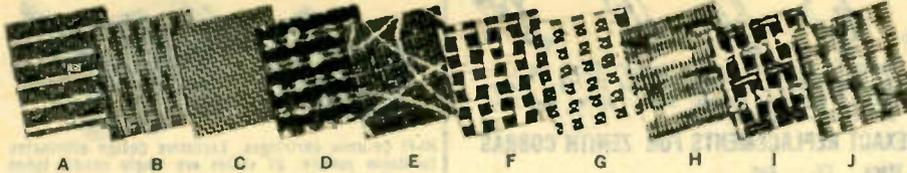
STEREO PHASER SELECTOR

This specially designed switch offers a simple and smooth method for changing over from monaural to stereo operation or to "rephase" the speakers if they should happen to be in electrical opposition. In monaural operation the monaural signal is fed to two amplifiers and two speaker systems; in stereo operation each of the two channels is fed to its own amplifier and speaker. Has polished brass embossed plate for mounting on speaker enclosure or Hi-Fi panel. All hardware and instructions are included. Shpg. wt., 10 oz.
PK-228 Net 1.03



PHONO ACCESSORIES—Recording Discs • Repair Parts

QUALITY GRILLE CLOTHS FOR HI-FI INSTALLATIONS



Choice selection of latest patterns and beautiful decorator colors. Made of finest quality vinyl plastic, woven with proper mesh for passage of high frequencies as well as low. Shpg. wt., (36"x36") 8 oz., (18"x24") 5 oz.

FREE SAMPLE SWATCHES

Supplied free. Just specify stock number below for assortment.

Description	For use with	Fig. No.	36x36		18x24	
			Net	No.	Net	No.
Mahogany background with gold stripe	Mahogany	A	SG-10	2.39	SG-22	1.25
Blonde background with mahogany stripe	Blonde	A	SG-11	2.39	SG-23	1.25
Fine gold mesh	All colors	C	SG-12	2.39	SG-24	1.25
Ebony background with silver motif	Ebony	D	SG-29	3.75	SG 30	1.25
Black background with gold cobweb	Ebony	E	SG-13	3.75	SG-25	1.25
Mahogany background with gold cobweb	Mahogany	E	SG-14	3.75	SG-26	1.25
Walnut background with gold stripe	Walnut	A	SG-21	3.75	SG-27	1.25

CANE GRILLE CLOTHS

Brown background with natural cane crisscross lattice	Wal., Frtwd., Blind.	F	SG-18	2.85	SG-20	1.25
Brown background with natural cane crossed by Gold flecked white stripe	Wal., Fruitwood	G	SG-17	3.75	SG-19	1.25
Dark walnut background with natural tone cane interwoven with gold	Dark Walnut	H	SG-31	3.75	SG-32	1.25
Brown background with natural tone cane crossed by alternate bronze and silver	Walnut, Blonde	I	SG-33	3.75	SG-34	1.25
Walnut background with natural tone cane interwoven with fine gold ribbon and faint brown diamond pattern	Wal., Frtwd., Blind.	J	SG-35	3.75	SG-36	1.25

ORNAMENTAL METAL GRILLES



Heavy metal perforated grille, beautifully "brushed brass" plated and lacquered with gold finish effect. For use over cloth or screening in custom built radios, P. A. Speakers and juke boxes.
 ML-22 Size 12x18" Shpg. wt., 2 lbs. Net 2.06
 ML-23 Size 18x24" Shpg. wt., 3 lbs. Net 3.60

LEVEL AND LEVELING SCREWS



176

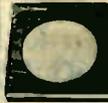
Precision, circular level indicator and 4 adjustable felt tipped leveling screws and T nuts. Provides quick adjustment for exact leveling of turntable. Easy to install, screws mount under base, level on top. Shpg. wt., 6 oz. Net 1.76
 PR-273

PANDAMUS (CLOTH GRILLE)



A highly attractive natural color straw fabric grille cloth that is ideal for many types of decor. 27" wide. Supplied only in 1 yd. lengths. Shpg. wt., 8 oz. SG-16 Net per yard 1.55

SPEAKER REDUCING BOARDS



Enables mounting of smaller speakers in oversize enclosures. Boards are sturdy 3/8" plywood, precut to exact size. All mounting holes are drilled. Brown stained.
 SB-18 Adapts 8" speaker to 12" speaker cabinet or baffle. Wt., 1 lb. Net .89
 SB-19 Adapts 12" speaker to 15" speaker cabinet or baffle. Wt., 1 1/2 lbs. Net 1.25

RECORDISC RECORDING BLANKS



Blue label: bond base for home use; purple label: aluminum base, general purpose; red label: heavy aluminum, professional; "GM" label: heavy aluminum, wide range. Red label and GM label are .021" thick, purple label, .012". All double faced. Blue is 6 to a pkg., all others 5. Avg. shpg. wt., 8 oz.

Stock No.	Size Ins.	Label	Pkg.	Wt.	Net Ea.	Per Pkg.
PR-17	6 1/2"	BLUE	1/2 LB.	.17	.90	
PR-22	6 1/2"	PURPLE	1/2 LB.	.23	1.05	
PR-23	8"	PURPLE	3/4 LB.	.33	1.50	
PR-24	8"	PURPLE	1 LB.	.46	2.10	
PR-18	6 1/2"	RED	1/2 LB.	.30	1.35	
PR-19	8"	RED	3/4 LB.	.40	1.80	
PR-20	10"	RED	1 LB.	.59	2.70	
PR-21	12"	RED	2 1/2 LB.	.73	3.30	
PR-25	8"	GM	3/4 LB.	.53	2.40	
PR-26	10"	GM	1 LB.	.66	3.00	
PR-27	12"	GM	2 1/2 LB.	.83	3.75	



AUDIODISCS PROFESSIONAL RECORDING BLANKS

The highest quality recording discs on heavy aluminum base, smoothly coated on both sides. Use Red Label for professional recording; Yellow Label for general studio and school work; Blue Label is .027" base for home recording. All Red and Yellow Labels are .050" base except * are .040.

Stock No.	Size Ins.	Label	Wt.	Net Each	
				Std. Pkg.	Singly
PR-63	7	RED	5 OZ.	25	.91 .82
PR-64	8"	RED	5 OZ.	25	.72 .65
PR-65	10"	RED	6 OZ.	25	1.01 .91
PR-66	12	RED	9 OZ.	25	1.67 1.50
PR-67	16	RED	1 LB.	25	3.01 2.70
PR-68	8"	YELLOW	5 OZ.	25	.61 .55
PR-69	10"	YELLOW	6 OZ.	25	.81 .72
PR-70	12	YELLOW	9 OZ.	25	1.30 1.18
PR-71	16	YELLOW	1 LB.	25	2.42 2.18
PR-72	6 1/2	BLUE	3 OZ.	50	.32 .29
PR-73	8	BLUE	4 OZ.	50	.46 .41
PR-74	10	BLUE	5 OZ.	50	.66 .59

AUDIO POINT CUTTING NEEDLES

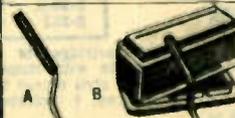
All have .003" tip except microgroove types have .0005" High quality for professional as well as amateur use. All have 87° included angle. Shpg. wt., 2 oz.

Stock No.	Mfr. No.	Description	NET
PR-75	14-S	Short dural shank, sapphire tip	4.85
PR-76	20-S	As above for microgroove	4.85
PR-77	14-L	Long dural shank, sapphire tip	4.85
PR-78	20-L	As above for microgroove	4.85
PR-79	34-S	Short brass shank, stellite tip	1.47
PR-80	34-L	Long brass shank, stellite tip	1.47

FLEXICONE KIT



Thoroughly tested and approved, Flexicone will improve your speaker sound quality and frequency response by softening the outer edges of the speaker cone thereby reducing the cone resonance from 10 to 40 cps. Easily applied in just 15 minutes. One three-bottle kit contains enough material for four 8" speakers. Complete with instructions. Shpg. wt., 8 oz. MS-571 Net 1.76



CHUCK-TYPE REPLACEMENT NEEDLES

Designed to fit most phonograph cartridges with screw type chuck. Economy priced. Shanks are offset to provide spring action. Points are 2 mil for use with 33 1/3, 45 and 78 RPM records. Shanks designed for easy positioning in chuck. Type A has hard osmium tip and is packaged on individual cards. Type B has synthetic ruby tip and is packaged in individual plastic case.

OSMIUM NEEDLE (A)			
PK-21	Single, ea.	.29	Lots of 10, ea. .26
RUBY NEEDLE (B)			
PK-14	Single, ea.	.69	Lots of 3, ea. .59

HIGH SCHOOL REVIEW SERIES

GEOMETRY—BIOLOGY—GENERAL SCIENCE—PHYSICS—CHEMISTRY

12" Long Playing 33 1/3 Records. **359**

Invaluable aids in review and study. Each record supplied complete with Learning Aid Booklet. Shpg. wt., 1 lb.

GEOMETRY

Learn 352 useful basic facts necessary for high school Geometry students. For a clearer understanding of geometry, let the record automatize the geometric definitions, postulates, and theorems so that they are ready for instant application to the problems you must solve. Deals with Definitions, Postulates, Theorems and Axioms as applicable to lines and points, angles, triangles, polygons, circles, arcs, segments, areas, etc.

PR-464 Net 3.59

BIOLOGY

Learn 428 useful, basic facts essential for high school Biology students. Deals with Plants, Insects, Blood, Enzymes, Hormones, Alimentary Tract, Bacteria, Viruses, Cells, Cytoplasm, Protoplasm, Brain and Nerves, Reproduction, Diseases, etc.

PR-465 Net 3.59

PHYSICS

This record teaches 439 of the most necessary items from the varied branches of physics. Deals with measurements: laws, rules, theories; motion; work, power, machines; electricity; magnetism; electronics; radio; weather; the atom; nuclear energy; refraction; color; reflection; illumination; matter and force; heat; wave motion and sound; sound and music; etc.

PR-466 Net 3.59

GENERAL SCIENCE

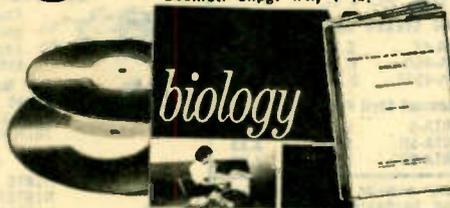
This record teaches 456 of the most necessary items from the vast diversity of general science subjects; such as astronomy, meteorology, geology, chemistry, electricity, radio and television, measurement, engines, sound, light, plants and insects, bacteria, blood, cells, diseases, etc.

PR-467 Net 3.59

CHEMISTRY

Let this record teach you easily the hundreds of chemistry facts essential to good grades in chemistry. Deals with symbols and valences, water and solutions, colloids, halogens, laws and measures, metals, laboratory preparations, etc.

PR-463 Net 3.59



ELECTRO-VOICE • SONOTONE • ASTATIC CARTRIDGES

ELECTROVOICE "POWER POINT" PLUG-IN CARTRIDGES



Integral cartridge and needle assemblies wide range high compliance. No soldering, no wiring. All less mount, slip right into old mount. If converting, use mounts listed below. Under Styli D= Diamond, S=

Synthetic sapphire. Under "Speed" STD= 78; LP= 33 1/2 and 45, ALL= 33 1/2, 45, and 78. S3= Stereo and all monaural speeds; S-LP= Stereo and 33 1/2 and 45 LP. Shpg. wt., 3 oz.

MONAURAL TYPES (FIG. A)

Output 1 volt. 20-12,000 cps. Tracking force 5-8 grams.

Stock No.	Mfg. No.	Color	Styli	Speed	Net
D-223	51	Red	2-S-.001	LP	2.32
D-245	52	Green	2-S-.002	ALL	2.32
D-224	53	Black	2-S-.003	STO.	2.32
D-225	56	Blue	S-.001, S-.003	ALL	2.32
D-226	560	Orange	O-.001, S-.003	ALL	5.83

STEREO-MONAURAL POWER POINTS (FIG. B)

Play both stereo and monaural records. Output .5 volt 20-16,000 cps. Tracking force 5-8 grams.

Stock No.	Mfg. No.	Color	Styli	Speed	Net
D-227	61	Red-Silver	2-S-.7 Mil	S-LP	3.50
D-228	610	Red-Gold	0-7 Mil, S-.7 Mil	S-LP	7.61
D-229	66	Blue-Silver	S-.7 Mil, S-3 Mil	S-3	3.50
D-230	660	Blue-Gold	0-7 Mil, S-3 Mil	S-3	7.61

MOUNTS FOR POWER POINTS

Type PFT-1. Fixed for 51-1, 52-2, 53-3	Net .59
D-243	
Type PT-2 Turnover. For models 56, 560S	Net .59
D-244	
Type PFT-3. Fixed for 61 and 610S	Net .59
D-239	
Type PT-3 Turnover for 66 and 660S	Net .59
D-238	

EXACT REPLACEMENTS FOR ZENITH COBRAS

Stock No.	E.V. No.	Zen. No.	Styli	Speed	Fig.	Net
D-247	1090	142-74	O-.001	LP	O	6.82
D-248	109	142-71	S-.001	LP	O	2.94
D-249	110	142-72	S-.002	ALL	O	2.94
D-250	1110	142-76	D-.001, S-.003	ALL	E	9.78
D-251	111	142-77	S-.001, S-.003	ALL	E	4.41
D-252	1160	142-88	D-.001, S-.003	ALL	F	5.85
D-253	115	142-89	2-S-.001	LP	F	2.32
D-254	116	142-87	S-.001, S-.003	ALL	F	2.32
D-257	106	142-108	.001, .0007	S3	C	3.50
D-258	1060	142-109	.001, .0007	S3	C	7.62

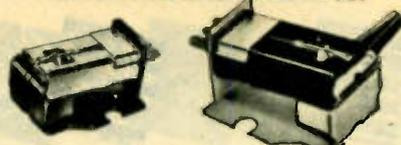
EXACT REPLACEMENTS FOR WEBCOR (FIG C)

D-246	76	White	S-.001, S-.003	ALL	2.32
D-231	760	Pink	O-.001, S-.003	ALL	5.85

EXACT REPLACEMENTS FOR ASTATIC (FIG. G)

Stock No.	E.V. No.	AST No.	Styli	Speed	Net
D-210	13	13T	S-7 Mil, S-3 Mil	S-3	4.09
D-211	130	13TX	D-7 Mil, S-3 Mil	S-3	6.44
D-233	81	81T	S-1 Mil, S-3 Mil	ALL	2.32
D-234	810	81TX	D-1 Mil, S-3 Mil	ALL	4.89
D-255	89	89T	S-1 Mil, S-3 Mil	ALL	2.91
D-254	890	89TX	O-1 Mil, S-3 Mil	ALL	6.44

EV. SERIES 20 HI-FI STEREO-MONOPHONIC CARTRIDGES



Hi-Fi Ceramic cartridges. Exclusive design eliminates turntable rumble. 21 series are single needle types with .7 mil styli to play stereo and LP monaural. 26 series are turnover types with .7 mil and 3 mil styli to play stereo and all monaural records. Types with * match magnetic phono input. TIP CODE S= SYNTHETIC SAPPHIRE, O= DIAMOND, Freq. 20-16,000 cycles ± 2 1/2 dB with 3 meg input load. Tracking force 6 grams; output .5 volt, separation 20 db; vert. rumble rejection 15 db; distortion below 3%. Standard 1/4 to 1/2" mtg. centers. Shpg. wt., 3 oz.

Stock No.	E.V. No.	Styli	Net
D-212	21	S-7	5.59
D-213	22*	S-7	7.35
D-214	210	D-7	6.82
D-215	220*	O-7	10.58
D-216	26	S-7, S-3	6.17
D-217	27*	S-7, S-3	7.94
D-218	260	D-7, S-3	9.70
D-219	270*	O-7, S-3	11.57

E. V. REPLACEMENT NEEDLES

For series 21 and 26 cartridges.

Stock No.	E.V. No.	Tip	Net
D-237	26040	.7 Mil O	5.85
D-241	2604	.7 Mil S	1.47
D-242	2605	3 Mil S	1.47

SONOTONE ARMS AND CARTRIDGES



Attractive light weight plastic arms with series 12 stereo crystal cartridge with 2 synthetic sapphire styli. See listing at right for specs. 8 1/2" long. Shpg. wt., 2 lb.

Stock No.	Mfg. No.	Cart. Color	Volt	Net
D-437	T-01	12THRS Black	2 1/2	4.38
D-403	T-11	12THRS Tan	2 1/2	4.38
D-438	T-01	12TLAS Black	1	4.38
D-405	T-11	12TLAS Tan	1	4.38

SONOTONE 3T CERAMIC CARTRIDGE

For monaural use. Features extended response of 20-15,000 cps, with gradual roll-off to 20,000 cps. Built-in RIAA equalization. Superior compliance. With 1 mil and 3 mil styli assembly. Tracks at 6 gm. All sapphires are fine synthetic. Shpg. wt., 3 oz.

STOCK No.	MODEL	STYLUS	NET
D-382	3T-S	dual sapphire	4.56
D-384L	3T-SO	diamond-sapphire	7.29
Replacement, Styli for Above			
D-383	For 3T-S		1.47
D-385	For 3T-SO		3.23

ASTATIC REPLACEMENT FOR MAGNAVOX



Fig. 2



Fig. 3



Fig. 1

Replacement cartridge for many popular Magnavox cartridges. Complete with mounting hardware and dual synthetic sapphire styli except the LP needle in types ending in O are diamond. † indicates stereo cartridge. Shpg. wt., 6 oz.

Stock No.	Mfr. No.	Fig.	Replaces Magnavox No.	Net
D-265	463	1	560216-1-2, 560217-2, 56218-1-2	6.17
D-266	4630	1	560219-2, 560228-1-2, 560229-2	6.33
D-267	461†	2	560281-1-4, 560296-3-7	6.17
D-268	4610†	2	560290-1-3*	6.53
D-269	459†	3	560259-1-2, 560275-1-2	6.17
D-270	4590†	3	560290-1-3*	6.53

* For Magnavox 560290-1 or -3 use Astatic 459 series for 2 hole mount, use Astatic 461 series for single hole mount.

SERIES 12 STEREO CRYSTAL CARTRIDGES



4 Lead turnover stereo cartridges. * for stereo, LP and 78, others for Stereo and LP. With 2 synthetic sapphire styli. Complete with mtg. bracket and plug connectors. Shpg. wt., 4 oz.

Stock No.	Mfr. No.	Volts	Styli	Net
D-406*	12TH-RS	2 1/2	.7 & 3 Mil	3.44
D-407	12TH-RS77	2 1/2	TWO .7 Mil	3.44

SERIES 8TA CERAMIC STEREO-MONO CARTRIDGE

Series 8TA incorporate rumble suppression and have standard 1/2" mounting centers. Response is 20-15,000 cps with gradual roll-off to 20,000 cps; output is 0.3 volts; compliance is 3x10⁻⁴ cm/dyne for each channel. Separation is 20 db; tracking force is 3-6 gm.; weight 7 1/2 gms. All models are turnover types with 2 styli for all monaural and stereo records. S = Synthetic Sapp, O = Diamond. Avg. shpg. wt., 4 oz.

Stock No.	Mfr. No.	Volts	Styli	Net
D-389	8TA-4S		S-7-S3	5.14
D-391L	8TA-4SD		O-7-S3	7.65
D-393	8TA-4S77		S-7-S-7	5.14

Stock No.	Mfr. No.	Styli	Net
D-387	N-8TA-S	S7-S3	1.47
D-386L	N-8TA-SO	D7-S3	3.23
D-392	N-8TA-S77	S7-S7	1.47

SONOTONE STEREO CARTRIDGES

SONOTONE CERAMIC STEREO CARTRIDGES FEATURING NEW SONO-FLEX "F" STYLUS

The new Sono-Flex "F" needle featured in the series 9TAF and 16TAF listed below is an accident-proof drop-proof needle. Can be flicked, knocked, twisted in a 360 degree circle and it will spring back.

SERIES 9TAF CERAMIC STEREO CARTRIDGES
Response ± 1 db 20-17,000 cps, with roll off to 20,000 cps; output 3.5 volt; Compliance 5.5x10.6 cm. Separation 30 db; tracking force 2-5 gms. Weight 3.2 gms. Turnover with dual styli. All sapphires in series 9TAF and 16TAF are high quality synthetic sapphires. Shpg. wt., 6 oz.

Stock No.	Mfr. No.	Description	Net
D-428	9TAF-SF	0.7 mil. saph., 0.3 mil. saph.	5.20
D-429	9TAF-S77	0.7 mil. saph., 0.7 mil. saph.	5.20
D-430	9TAF-SD	0.7 mil. dia., 0.3 mil. saph.	6.08

SERIES 16TAF CERAMIC STEREO CARTRIDGE
Response ± 1 db 20-10,000 cps, with roll off to 12,000 cps; output .63 volt; Compliance 2.4; Separation 22 db; Tracking force 5-7 grams, weight 2.75 grams, Turnover with dual styli. Shpg. wt., 6 oz.

REPLACEMENT STYLI FOR 9TAF AND 16AF CARTRIDGES
The new Sono-Flex "F" styli is also a replacement for old models, 9T, 9TA, 16T, 16TA Stereo Ceramic cartridges.

Stock No.	Mfr. No.	Description	Net
D-434	ON-9916-SF	0.7 mil. saph., 0.3 mil. saph.	1.76
D-435	ON-9916-S77F	0.7 mil. saph., 0.7 mil. saph.	1.76
D-436	ON-9916-SDF	0.7 mil. dia., 0.3 mil. saph.	3.53

SONOTONE 18T CERAMIC STEREO CARTRIDGES

Channel separation 25 db. Dual sapphire or diamond-sapphire Styli. Std. 1/2 inch mtg. centers. Output 1.0V. All sapphires in series 18TAS and 10T2 listed below are fine synthetic sapphire. Shpg. wt., 6 oz.

Stock No.	Mfr. No.	Description	Net
D-419	18TAS	0.7 mil. saph., 0.3 mil. saph.	3.53
D-420	18TA-S77	0.7 mil. saph., 0.7 mil. saph.	3.53
D-421	18TA-SO	0.7 mil. dia., 0.3 mil. saph.	5.73

Replacement Styli for 18T

D-425	N18TS	0.7 mil. saph., 0.3 mil. saph.	1.47
D-426	N18TS77	0.7 mil. saph., 0.7 mil. saph.	1.47
D-427L	N18TSO	0.7 mil. dia., 0.3 mil. saph.	3.23

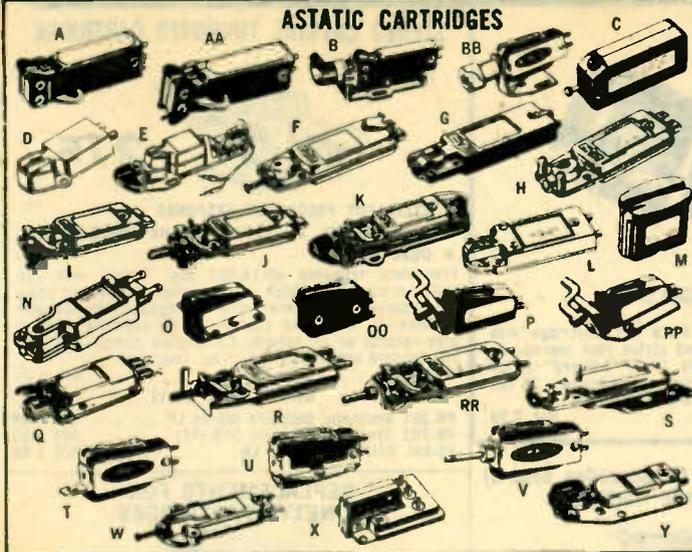
SONOTONE UNITIZED CERAMIC STEREO CARTRIDGES

This fully compatible ceramic stereo cartridge can be installed in practically any tone arm in a few minutes. Terminal soldering has been eliminated by a unique plug socket design. Covers the complete high fidelity range 20-15,000 cycles flat RIAA. 0.5V output, 6-8 gms tracking force. Shpg. wt., 6 oz.

Stock No.	Mfr. No.	Description	Net
D-394	10T2-S	Turnover mount with .7 mil. and 3 mil. saph. styli	4.09
D-396	10T2-SO	Turnover mount with .7 mil. dia. and 3 mil. saph.	6.32
D-398	10T2-S77	Turnover mount with two .7 mil. saph. styli	4.09
D-400	10T2-S077	Turnover mount with dia. & saph. .7 mil. styli	6.32

ASTATIC PICKUP CARTRIDGES

ASTATIC CARTRIDGES



TURNOVER TYPES

All are equipped with dual synthetic sapphire styli; 1 mil (LP) and 3 mil (std 78). Average shpg. wt., 6 oz.

Stock No.	Mfr. No.	Fig.	NET	Stock No.	Mfr. No.	Fig.	NET
D-128	40T	AA	4.09	D-167	124	V	3.79
D-129	40TB	B	4.97	D-168	310T	U	3.20
D-132	41T	AA	5.58	D-169	310TS	V	3.20
D-133	41TB	B	5.88	D-171	312T	U	3.20
D-139	53T	P	4.67	D-172	312TS	V	3.66
D-141	55T	PP	4.67	D-189	314TS	V	3.20
D-142	57T	PP	5.59	D-190	316TS	V	3.50
D-146	62TB	K	5.88	D-177	405	J	4.67
D-147	62TY	J	4.67	D-178	406	RR	4.67
D-148	64TS	R	4.09	D-181	409	PP	5.99
D-151	66TB	K	5.29	D-182	410	Q	3.82
D-152	66TS	RR	4.26	D-185	420	BB	3.20
D-153	66TY	J	3.82	D-186	422	BB	3.50
D-165	118	V	3.79	D-187	424	V	3.82
D-166	120	V	3.79	D-191	426	V	4.41

STANDARD GROOVE TYPES

Single needle type for STO (78) only. Types marked * have synthetic sapphire 3 mil styli, † has osmium stylus, others less needle. Shpg. wt., 6 oz.

Stock No.	Mfg. No.	Fig.	NET	Stock No.	Mfg. No.	Fig.	NET
D-111	2	C	5.29	D-125	26	G	2.91
D-112	4	G	2.62	D-127	32	G	2.62
D-113	6	G	2.62	D-150	66-3*	H	2.91
D-116	12	F	2.62	D-174	401	W	3.50
D-117	12U	F	2.91	D-175	402†	X	4.67
D-124	24	G	2.91	D-176	403*	D	6.17

MICROGROOVE TYPES

All with synthetic sapphire 1 mil styli for LP only. Shpg. wt., 6 oz.

Stock No.	Mfg. No.	Fig.	NET	Stock No.	Mfg. No.	Fig.	NET
D-130	40-1	A	3.82	D-110	310-1	T	2.91
D-136	50-1	M	5.59	D-150	408	Q	2.62
D-137	51-1	O	4.35	D-183	414-1	U	2.62
D-145	62-1	Q	2.91				

ALL GROOVE TYPES

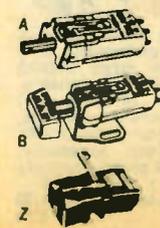
All equipped with single 2 mil synthetic sapphire styli for all speeds except * is osmium tip and † is less needle.

Stock No.	Mfr. No.	Fig.	NET	Stock No.	Mfr. No.	Fig.	NET
D-122	16†	H	2.32	D-149	66-2	H	2.91
D-123	22†	H	2.32	D-164	106†	S	2.91
D-126	28†	N	2.32	D-170	310-2	T	2.91
D-131	40-2	A	3.82	D-173	312-2	T	3.21
D-138	51-2	O	4.35	D-179	407*	Y	2.82
D-140	53-2	OO	4.35	D-192	414-2	U	2.62
D-143	59-2	O	5.00	D-184	416-2	U	3.20
D-144	60-2	H	4.12				

STEREO MONAURAL CARTRIDGES

All crystal turnover cartridges except * which are ceramic turnover. All are equipped with 7 mil and 3 mil synthetic sapphire styli except † has 7 mil diamond and 3 mil synthetic sapphire styli to play stereo, LP and std. 78 RPM. Shpg. wt., 6 oz.

Stock No.	Fig.	Mfr. No.	Output	Press.	Freq.	Net
D-193	A	70-TS	2.0V	8 gr.	50-10K	4.26
D-194	A	74-TS	2.0V	8 gr.	50-10K	4.26
D-195	B	76TSB	2.0V	8 gr.	50-10K	4.87
D-196	A	80-TS	0.8V	6 gr.	50-15K	4.41
D-208*	Z	17	0.4V	5 gr.	20-20K	6.91
D-209*	Z	17D	0.4V	5 gr.	20-20K	9.26
D-263	B	86D	.8V	6 gr.	50-15K	7.94
D-264	B	86TSB	.8V	6 gr.	50-15K	5.00



ASTATIC SOUND-FLO CARTRIDGE-STYLI COMBINATIONS PLUG-IN DIRECT REPLACEMENTS

ZENITH • WEBCOR • EV • RCA • WEB ELEC

Exact replacements with styli. Column headed TIP coded: L — 1 mil sapphire; LD — 1 mil diamond; LS — 1 mil and 3 mil sapphires; LO-S — 1 mil diamond and 3 mil sapphire; LL — two 1 mil sapphires; CC — two 2 mil sapphires; SS — two 3 mil sapphires. Dot code identifies original cartridge. Shpg. wt., 4 oz.

All sapphires are fine synthetic.

Stock No.	Ast. No.	Dot	Tip	E.V.	Replaces				NET
					Webcor	Web. El.	Zenith		
D-197	91T	White	L-S	76S	A1919	V-2	—	—	2.32
D-198	91TX	Pink	LD-S	76DS	A1920	V-2D	—	—	5.85
D-199	93T	Blue	L-S	56	—	V-1	142-80	—	2.32
D-200	93TX	Orange	LO-S	56DS	—	V-1D	142-83	—	5.85
D-201	93T-1	Red	L-L	51-1	—	—	—	—	2.32
D-202	93T-2	Green	C-C	52-2	—	—	—	—	2.32
D-203	93T-3	Black	S-S	53-3	—	—	—	—	2.32

PLUG-IN CARTRIDGE FOR RCA

Exact replacement for RCA part 105837 used in models 9JD1, 9ED2, 93D3, 6EY3D. Type 89-1 silicone filled, used in RCA—Chrysler automobile phonographs.

D-158	ASTATIC 83-1.	With 1 mil sapphire	Net 2.06
D-199	ASTATIC 83-1X.	With 1 mil diamond	Net 7.06
D-160	ASTATIC 89-T.	With 1 mil sapphire	Net 2.91

ASTATIC SOUND-FLO CERAMIC STEREO CARTRIDGES

These ceramic cartridges replace most existing monaural ceramic and crystal cartridges. Completely compatible, plays either stereo or monaural records. 4 terminals for hum-free performance. Channel separation, 20 db except 13AT and 13ATX is 25 db. Response 20-15,000 cps except 13AT and 13ATX is 30-20,000 RIAA equalized. 0.5v output. 6 gm. tracking force. Tip code: LT-7 Mil and 3 Mil LSS=Two .7 Mil; S-One .7 Mil Fits all standard arms with Astatic mounts. Complete assembly includes plug-in cartridges and needle. Shpg. wt., 6 oz.



Stock No.	Ast. No.	Tip	Mount	Net	Stock No.	Ast. No.	Tip	Mount	Net
D-115	117TB	LSS	WITH	4.67	D-121	13TX	LT*	LESS	6.44
D-114	117T	LSS	LESS	4.09	D-204	13AT	LT	LESS	4.67
D-119	13TB	LT	WITH	4.67	D-205	13ATX	LT*	LESS	8.20
D-118	13T	LT	LESS	4.09	D-206	9-7B	S	WITH	4.26
D-120	13TBX	LT*	WITH	7.03	D-207	9-7BX	S*	WITH	7.79

* .7 mil diamond styli

ASTATIC SOUND-FLO PLUG-IN MONAURAL CARTRIDGES



Outstanding plug-in ceramic cartridge and needle combinations. Turnover type with dual 1 mil and 3 mil styli. All sapphire styli in series 81 and 89 listed below are high quality synthetic sapphires.

81 SERIES WIDE RANGE

ND 81TB. Replaces Sonotone 2T, E-V 56, Shure PC2, 4 series and many others. Complete assembly includes cartridge, 2 sapphire styli, mtg. bracket, housing, turnover lever. Shpg. wt., 6 oz.

D-156	Net 2.91
D-154 81T.	Replacement cartridge and styli assembly for 81TB Net 2.32
D-155 81TBX.	Same as 81TB except with diamond-sapphire styli Net 5.37
D-157 81TX.	Replacement cartridge and styli assembly for 81TBX Net 4.68

89 SERIES HIGH FIDELITY

ND 89TB. Replaces Sonotone 3T, E-V 86, Shure PC-6 series, Magnavox 560212-2, 560192-1, 560215-2. Complete assembly includes cartridge, 2 sapphire styli, mtg. bracket, housing, turnover lever. Shpg. wt., 6 oz.

D-161	Net 3.50
D-160 89T.	Replacement cartridge and styli assembly for 89TB Net 2.91
D-162 89TBX.	Same as 89TB except with diamond-sapphire styli. Net 7.03
D-163 89TX.	Replacement cartridge and styli assembly for 89TBX Net 6.43

ASTATIC MOUNTING BRACKETS

STEREO MOUNTS			MONAURAL MOUNTS		
Astatic type MB-2 for types 117T, 13T, 13TX, 13AT and 13ATX. Shpg. wt., 2 oz.			Astatic type MB-3 for types 81T, 81TX, 89 and 89TX. Shpg. wt., 2 oz.		
D-134		59	D-135		59

ASTATIC REPLACEMENTS FOR VACO CARTRIDGES

Crystal cartridges to replace Vaco cartridges used in many imported changers such as BSR, Glaser-Steers etc. Turnover type equipped with 2 needles. Tip Code: LS 1 mil and 3 mil; LT 7 mil and 3 mil. Shpg. wt., 6 oz.

Stock No.	Ast. No.	Tip	Fig.	Vaco Equiv	Output	Freq.	Net
D-260	470	LS	F	TO-45 X (G)	3.0	30-11K	3.50
D-261	472	LT	G	ST-2X, 100X, 2DX, 20G	0.8	50-15K	4.41
D-262	474	LT	G	ST-200X, 40X, 4X, 40G	2.0	20-10K	4.26



POPULAR REPLACEMENT CARTRIDGES

FAMOUS PICKERING MARK IIC CARTRIDGE

779

Complete with Pickering Type D9007 Diamond Stylus

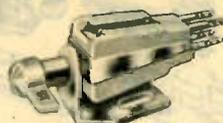


- .7 Mil Diamond Stylus
- Response \pm 2 db 10-30,000 CPS

Here is the famous Pickering Mark IIC Cartridge with Pickering D9007 .7 mil diamond stylus that reproduces both mono and stereo perfectly. Uses "T-Guard" stylus assembly. Tracking force: 3-7 grams; separation: 25 db; output: .025 volts per channel. Shpg. wt., 3 ozs. PK-603L Net 7.79

STEREO CRYSTAL TURNOVER CARTRIDGE

NEW!



275

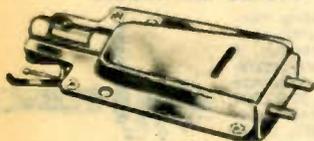
- EXCELLENT FREQUENCY RESPONSE
- HIGH OUTPUT • LOW TRACKING FORCE
- DUAL STYLII

Frequency response 40-14,000 cps. Tracks with low stylus pressure and high output voltage. Excellent channel separation for stereo effect. Supplied with turnover mechanism, knob and dual synthetic sapphire stylus to play records of all speeds. Completely compatible. Fits all standard arms. Shpg. wt., 6 oz. Imported PK-258 Net 2.75

REPLACEMENT STYLII

PK-281 Synthetic Sapphire Stereo LP	Net .69
PK-282 Synthetic Sapphire STD (78)	Net .69
PS-86L DIAMOND Stereo LP	Net 1.69

REPLACEMENT CARTRIDGES FOR RCA



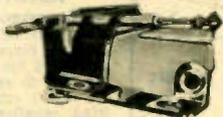
125

- Replacement for cartridges in many thousands of RCA45 and many LP record changers. Imported
 - 1 MIL SYNTHETIC SAPPHIRE STYLUS • 2.3V OUTPUT
 - HIGH IMPEDANCE CRYSTAL • TAKES 7-10 GMS PRESSURE • $\frac{5}{8}$ " MTG CENTERS
- EXACT REPLACEMENT FOR MANY STANDARD 45 RPM and 33 $\frac{1}{2}$ RPM CARTRIDGES

RCA	SHURE		
74067	75575	W31AR	P73AR
74625	76318	P73	P73R
75476		P73A	

PK-168	Net 1.25
Synthetic Sapphire replacement stylus for PK-168	
PS-555	Net .69

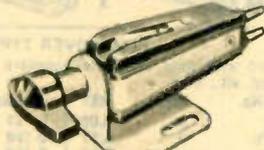
SONOTONE 2T-S (Supersedes 9980-S) Turnover Ceramic Cartridge



295

This cartridge is used to replace Astatic AC, ACD, CAC, GC, LQD, ELECTRO-VOICE 16TT, 33, 43, 46T, 96T; SHURE WC series from WC22 to WC36, W22, W26; WEBSTER ELECTRIC AX, A1, A9-1. Used on VM, Columbia 360. Webster, Crescent record changers and many other types now in use. Excellent hi-fi characteristics as extended frequency range and low distortion. All with the added advantages of ceramic safety from humidity and heat. Has 1 mil stylus for LP records and 3 mil for standard—both synthetic sapphire. Shpg. wt., 8 oz. PK-40 Net 2.95

REPLACEMENTS FOR RONETTE CARTRIDGES



175

REPLACEMENTS FOR RONETTE CARTRIDGES

Hi-Fidelity cartridge for use in Collaro, Webcor, Garrard, VM and many players using Ronette cartridge type TO-284V or similar equipment with 2 synthetic sapphire styli for LP and 78. Output is .7 volts. Frequency response 30 to 15,000 c.p.s. Complete with turnover mechanism and knob. Will fit most tone arms. Shpg. wt., 6 oz. PK-450 Imported Net 1.75

HIGH OUTPUT MODEL

Similar to above to replace Ronette TO-222 and similar units. Output 2.2 volts. Frequency response 30-12,000 c.p.s. Shpg. wt., 6 oz. Imported PK-451 Net 1.75

GENUINE ZENITH COBRA CARTRIDGES



Zenith S22006

All Zenith cartridges are identified by color. Just match color to obtain exact replacement. *For diamond cartridges listed below gold will replace green and blue; white replaces blue; gray replaces brown. wt., 5 oz.

STOCK NO.	ZENITH NO.	COLOR	COBRAMATIC MODEL	STYLUS	NET
D-10	S11473	Red	All to "L"	3 Mil Os	2.01
D-11	S15780	Red & Green	All to "L"	1 Mil Sapp†	2.01
D-12	S15222	Green	All to "L"	1 Mil Dia	10.00
D-13L	*S21458	Gold	All to "L"	1 Mil Dia	10.00
D-14	142-73	Purple	"L" & "M"	3 Mil Sapp†	3.31
D-15	142-72	Yellow	"L" & "M"	2 Mil Sapp†	3.31
D-16	142-71	Blue	"L" & "M"	1 Mil Sapp†	3.65
D-17L	*142-74	White	"L" & "M"	1 Mil Dia	7.94
D-18	142-77	Brown	"R" & "T"	1 Mil Sapp†	3.65
D-19L	*142-76	Gray	Turnover "R" & "T"	3 Mil Sapp†	5.14
			Turnover	1 Mil Dia	10.00
			Turnover	3 Mil Sapp†	10.00

† = Synthetic

ZENITH 45RPM SPINDLE FITS ALL COBRAMATIC CHANGERS

Zenith S22006 spindle fits all models, Cobramatic changers and eliminates use of "spiders" and other devices to insert in records. Natural color matches any unit. Simple instructions with each unit. Shpg. wt., 1 lb. PK-391 Zenith S22006 Net 4.35

GENUINE MAGNAVOX CARTRIDGES



Genuine Magnavox exact replacement cartridges complete with indicated styl. Shpg. wt., 12 oz. †=synthetic

STOCK NO.	MAG. NO.	FIG.	STYLII	NET
D-77L	560158-2	A	Diam/Sapphire†	11.52
D-78L	560169-1	B	Diam/Sapphire†	10.52

ADMIRAL CARTRIDGES

620



ADMIRAL 409B11-2—Turnover cartridge replaces 409A11 for Admiral changer models RC210, RC211, RC212, RC220, RC221, RC222, RC320, RC321 and RC322. Complete with two (LP and standard) osmium needles. Shpg. wt., 12 oz. D-101 Net 6.20

PHONO CARTRIDGES 3.5 VOLT OUTPUT



129

Guaranteed high quality exact duplicates for direct replacement of all standard cartridges such as L70, L82, L92, W60B, N10, and many others. Pin plug connectors for all 78 r.p.m. Shpg. wt., 12 oz. Imported PK-11 each. Net 1.29

PHILCO CARTRIDGE

750



PHILCO

Genuine Philco Universal replacement for Philco part numbers 425-0011, 425-0016 and 325-8024. Fits changer models M20, M22, M24, M24A, M25, M26 and many others. Comes with 2 styli. Shpg. wt., 12 oz. PK-94 Net 7.50

RCA CARTRIDGES



Genuine RCA exact replacement cartridges complete with indicated styli. Shpg. wt., 12 oz.

Stock No.	RCA No.	Fig.	Speed	Stylus	Net
D-36	70338A	A	78 RPM	Sapp.†	6.17
O-37	74067	B	45 RPM	Sapp.†	2.62
D-38	75575	C	45 RPM	Sapp.†	2.62
D-39	77779*	D	ALL	Sapp†Osm.	3.81

* Turnover dual needle. † All sapphires, synthetic.

RETRACTOMATIC CARTRIDGE



Webster Electric No. P2-1 spring mounted high output crystal cartridge. Has 2 mil osmium stylus to play all speeds. Output 5v on 78, 2 volts on LP. D-65 Webster Elec. No. P2-1 crystal cartridge. Shpg. wt., 9 oz. Net 2.91

BSR STEREO AND MONAURAL TURNOVER CARTRIDGES



The BSR TC8S stereo and TC8H high output monaural cartridges are designed for quality performance at a special low price. Both are turnover types. STEREO CARTRIDGE: sensitivity, 240 mv/cm/sec; compliance, 1.4x10⁻⁶ cm/dyne; channel separation, 16 db at 1000 cps, 20 db at 4000 cps; balance between channels, within 3 db; tracking force, 5-9 grams. MONAURAL CARTRIDGE: sensitivity 500 mv/cm/sec; compliance, 2.0x10⁻⁶ cm/dyne; tracking force, 7-10 grams. Complete with turnover mechanism, shpg. wt., 3 oz. Imported PK-601 TC8H High output monaural cartridge Net 1.95 PK-602 TC8S Stereo cartridge Net 2.39

LAFAYETTE BUDGET-PRICED TV PICTURE TUBES

FULL ONE-YEAR GUARANTEE

Tubes which fail in normal use within one year will be replaced upon receipt of your returned tube. You pay only transportation.

Net price "with Dud" base on your prepaid shipment or delivery of old picture tube (Dud). Returned tubes must be intact and without scratches. Green glass duds not accepted. When ordering give stock number and type. Every Lafayette picture tube is top quality-made of entirely new materials except the glass, which is tested and inspected to meet new-glass standards. *Indicates aluminized screens. †Indicates metal tubes.

Size of tube	Avg Shpg Wt	Size of tube	Avg Shpg Wt	Size of tube	Avg Shpg Wt
5"	5 lbs.	12"	17 lbs.	20"	30 lbs.
7"	7 lbs.	14"	17 lbs.	21"	35 lbs.
8"	8 lbs.	16"	22 lbs.	23"	40 lbs.
9"	10 lbs.	17"	24 lbs.	24"	44 lbs.
10"	14 lbs.	19"	26 lbs.	27"	45 lbs.

The size of the picture tube is determined by the first two digits in the type No.

Stock No.	Type	NET Less Dud	PRICE With Dud
PT-404X	10BP4*	7.50	—
PT-405X	12KP4*	10.62	—
PT-350X	12LP4A	10.00	—
PT-352X	14C/B/EP4*	12.75	11.75
PT-351X	14EP4/CP4	11.25	10.25
PT-391X	14QP4*	14.25	—
PT-393X	14RP4*	14.25	13.25
PT-353X	16AP4/AP4†	15.95	14.95
PT-354X	16GP4†	14.86	13.86
PT-355X	16KP4/RP4	10.50	—
PT-356X	16KP4A/RP4A/TP4A*	12.50	—
PT-394X	17AVP4	16.50	13.50
PT-395X	17AVP4A*	18.35	15.35
PT-357X	17BP4/BP4A	12.00	9.95
PT-358X	17BP4B*	13.50	12.50
PT-396X	17BRP4*	24.75	19.50
PT-406X	17BVP4*	24.75	19.50

Stock No.	Type	NET Less Dud	PRICE With Dud
PT-407X	17BWP4*	24.75	19.50
PT-408X	17BZP4*	24.75	19.50
PT-359X	17CP4†	18.00	15.95
PT-360X	17CP4/TP4†	19.50	17.50
PT-361X	17HP4/RP4	13.50	12.00
PT-362X	17HP4B/RP4C	15.00	13.50
PT-363X	17LP4/YP4	15.00	13.50
PT-364X	17LP4A/YP4B*	17.70	16.20
PT-397X	17QP4/YP4	13.50	11.50
PT-398X	17QP4A/YP4A*	15.00	13.50
PT-366X	19AP4A/AP4B†	17.25	15.75
PT-367X	20CP4A/DP4A	13.50	11.50
PT-368X	20CP4D/DP4C*	15.75	14.50
PT-370X	21ACP4A/AMP4A/BSP4*	19.25	12.75
PT-372X	21ALP4A/B/ATP4A*	19.25	12.50

Stock No.	Type	NET Less Dud	PRICE With Dud
PT-369X	21AP4†	24.50	18.95
PT-373X	21AU/AVP4	19.25	11.50
PT-374X	21AU/AVP4B*	20.75	13.85
PT-400X	21BTP4/BTP4A*	19.90	13.25
PT-375X	21CBP4A/B/CMP4*	23.60	16.85
PT-409X	21CEP4/DFP4*	24.00	18.00
PT-410X	21CQP4*	24.00	18.00
PT-401X	21DEP4/DAP4/CMP4A*	24.00	18.00
PT-376X	21EP4A	13.95	11.85
PT-377X	21EP4B*	18.00	15.35

Stock No.	Type	NET Less Dud	PRICE With Dud
PT-378X	21FP4A/KP4A	14.75	11.95
PT-379X	21FP/KP4C*	16.75	14.95
PT-402X	21MP4†	25.75	21.50
PT-380X	21WP4	18.00	12.75
PT-381X	21WP4A*	20.25	16.25
PT-382X	21WP4	19.25	11.95
PT-383X	21YP4*	21.25	13.50
PT-384X	21ZP4/ZP4A	19.50	12.50
PT-385X	21ZP4B*	20.60	13.35
PT-387X	24CP4/CP4A/VP4/TP4/ADP4	27.00	17.95
PT-389X	24DP4/DP4A/YP4A*	29.95	19.78



RCA - GE - SYLVANIA PICTURE TUBES



Made of all new parts except that glass envelope may be re-used after test-inspection to meet new-glass standards. Brands which may be shipped indicated by R=RCA, G=GE, S=Sylvania. Shpg. wts. shown top of page.

ONE-YEAR GUARANTEE

Tubes failing in normal use within 1 year will be replaced. You pay only transportation.

EXPLANATION OF MANUFACTURER'S TYPE NO.

Types with suffix at end replace earlier versions: thus, 12KP4A replaces 12KP4. Types preceded by letters SG-replace same types without SG. Types with / replace all numbers shown; thus SG-21FLP4/CBP4A/ALP4B replaces 21FLP4, 21CBP4A or 21ALP4B.

Stock No.	Type	Brand	Net
PT-200X	5AXP4	R-G	25.50
PT-201X	5TP4	R-G	55.00
PT-202X	7JP4	R	23.84
PT-203X	8AP4A	G	13.06
PT-500X	8DP4	R	25.68
PT-204X	8XP4	R-G	27.95
PT-205X	8YP4	G	29.50
PT-206X	9QP4A	G	31.23
PT-207X	10ABP4B	S	25.81
PT-208X	10BP4A/EP4	R	29.40
PT-209X	10FP4A/BP4A/BP4C/BP4D/CP4	R-G	31.36
PT-534X	10MP4A	S	29.40
PT-591X	11AP4	G	33.98
PT-212X	12KP4A/LP4A/12KP4A/LP4A/LP4C/QP4A/TP4/ZP4A	R-G	31.36
PT-214X	12UP4B	S	23.52
PT-216X	SG-14AJP4/SP4/VP4	G	32.54
PT-321X	14ATP4	R-G	28.28
PT-536X	14AUP4	G-S	32.23
PT-217X	14EP4/CP4A/BP4A/DP4/EP4	R	28.51
PT-538X	SG-14QP4A/HP4/BAP4/HP4	R-G	29.83
PT-222X	SG-14WP4/NP4A/RP4A/SP4/ZP4	R-G	32.23
PT-539X	14XP4A	G-S	32.23
PT-225X	16AP4A	R-G	28.29
PT-571X	16ASP4	G	43.12
PT-572X	16ATP4	G	41.16
PT-573X	16AYP4	R	31.36
PT-226X	16DP4A	R-G	29.40
PT-229X	16GP4B	R-G	28.42
PT-568X	SG-16KP4A/QP4/RP4A/TP4/UP4/XP4	G	30.06
PT-233X	16LP4A/CP4/ZP4	G	33.32
PT-234X	16TP4	R	30.06
PT-235X	16WP4A/SP4A/VP4/YP4	R-G	33.32
PT-239X	SG-17BP4B/BP4C/AP4/JP4	R-G	25.32
PT-237X	SG-17BJP4/ATP4A/AVP4A/CBP4/CLP4/UP4	R-G	27.14
PT-242X	SG-17BWP4/BVP4/CSP4	R-G	29.14

Stock No.	Type	Brand	Net
PT-247X	17CP4	R-G	27.70
PT-323X	17COP4	R-G	36.82
PT-243X	17CFP4	R-G	26.02
PT-244X	SG-17CKP4/BRP4/BZP4/CAP4	G	29.64
PT-541X	17CRP4	G	26.78
PT-542X	17CTP4	G	35.52
PT-543X	17CYP4	R	34.45
PT-251X	17DAP4	R-G	35.52
PT-252X	17DKP4/DTP4	R-G	29.64
PT-253X	17DLP4	G	29.64
PT-254X	17DOP4	R-G	29.64
PT-504X	17DRP4	R-G	35.52
PT-324X	17DSP4/BRP4/BZP4/CAP4/CKP4/CWP4	R-G	29.64
PT-505X	17DXP4/DZP4	R-G	29.64
PT-255X	17FP4/FP4A	G	25.48
PT-256X	17GP4	R-G	30.40
PT-257X	SG-17HP4B/RP4C	R-G	25.32
PT-258X	SG-17LP4A/VP4B	R-G	24.82
PT-260X	SG-17QP4A/UP4/YP4	R-G	26.14
PT-262X	17TP4	R-G	31.75
PT-265X	19AP4B	R-G	32.52
PT-544X	19ABP4	R-G	36.82
PT-546X	19AHP4	R-G	32.90
PT-508X	19AJP4	R-G	32.90
PT-507X	19AUP4/AFP4	G	40.50
PT-509X	19AVP4/XP4/BVP4	R-G	32.90
PT-510X	19AXP4A/YP4/BWP4	R-G	32.90
PT-574X	19BDP4	G	32.90
PT-512X	19BHP4	G	32.90
PT-547X	19BLP4	G	32.90
PT-575X	19BQP4/NP4	G	40.50
PT-548X	19BP4/YP4	R-G	32.90
PT-549X	19CP4	S	32.90
PT-578X	19CHP4/CFP4/CKP4/ACP4	R-G	32.90
PT-550X	19CFP4	G	36.95
PT-551X	19CKP4	G	36.95
PT-576X	19CUP4	G	36.95
PT-577X	19DEP4	G	36.95
PT-327X	19ZP4	G	32.90
PT-269X	SG-20CP4D/DP4C	R-G	35.28
PT-272X	SG-20HP4D/LP4/MP4	R-G	35.28
PT-274X	SG-21ACP4A/AMP4A/MP23A/AQP4A/BSP4/CUP4	R-G	30.14

Stock No.	Type	Brand	Net
PT-277X	21AP4	G	36.32
PT-279X	SG-AUP4B/AVP4B/BOP4	R-G	31.36
PT-280X	SG-21AWP4/AVP4B	R-G	31.36
PT-283X	21CBP4A/ALP4B/ANP4A/ATP4B/BAP4/BNP4/BTP4/CMP4/CVP4/CWP4/DNP4/FLP4	R-G	30.14
PT-284X	21CEP4A/DFP4/EAP4	R-G	32.76
PT-286X	21CQP4*	R-G	32.76
PT-289X	21CXP4/DSP4	R-G	30.14
PT-290X	SG-21DEP4A/CZP4/DAP4	R-G	32.76
PT-552X	21DHP4	G	32.76
PT-292X	21DLP4/DQP4	R-G	30.14
PT-296X	SG-21EP4B	R-G	33.97
PT-329X	21EQP4/EMP4	R-G	32.76
PT-297X	21ESP4	G	32.76
PT-330X	21EVP4	R-G	41.24
PT-553X	21FAP4/ESP4/DMP4	R	34.06
PT-554X	21FDP4/EAP4	R-G	40.58
PT-283X	SG-21FLP4/ALP4B/ANP4A/ATP4B/BAP4/BNP4/BTP4/CBP4B/CMP4/CVP4/CWP4/DNP4	R-G	30.14
PT-555X	21FMP4	G	32.76
PT-299X	SG-21FP4C	R-G	31.86
PT-300X	21MP4	R-G	38.94
PT-302X	SG-21WP4A	R-G	32.34
PT-304X	SG-21XP4A/ASP4/AYP4	R-G	32.34
PT-306X	SG-21YP4A/AFP4/BCP4	R-G	29.25
PT-308X	SG-21ZP4B	R-G	29.25
PT-556X	23AFP4	S	47.08
PT-518X	23AHP4/AUP4	R-G	40.28
PT-579X	23ALP4	R	40.28
PT-331X	23ANP4/ATP4/BKP4/BLP4	R-G	48.34
PT-557X	23ASP4	R-G	40.28
PT-321X	23AWP4/BJP4	R-G	40.28
PT-580X	23BHP4/BGP4	G	48.34
PT-558X	23BNP4	S	47.04
PT-559X	23BP4	G	47.04
PT-560X	23BTP4/BDP4/ATP4/XP4/YP4	R-G	47.04

Stock No.	Type	Brand	Net
PT-561X	23BP4	G	47.04
PT-309X	23CP4/CP4A/AVP4/BNP4/GP4/HP4	R-G	47.04
PT-562X	23CBP4/BQP4/UP4	R-S	48.34
PT-581X	23DAP4	R	42.90
PT-581X	23DBP4	G	41.82
PT-582X	23DKP4	G	48.34
PT-583X	23DLP4	G	48.34
PT-584X	23DQP4	G	54.88
PT-585X	23DSP4	G	54.88
PT-586X	23DYP4	G	48.34
PT-525X	23EP4	R-G	47.04
PT-526X	23FP4/FP4A/KP4A/MP4A/WP4	R-G	40.28
PT-564X	23JP4	R-G	47.04
PT-334X	23KP4/KP4A	G	40.28
PT-527X	23MP4/MP4A/WP4	G	40.28
PT-528X	23NP4	G	40.28
PT-567X	23TP4	G	52.26
PT-565X	23UP4	G-S	47.04
PT-560X	23YP4/XP4/AFP4/BDP4/BTP4	R-G	47.04
PT-588X	23ZP4	G	47.04
PT-310X	SG-24AEP4/ANP4/DP4A/YP4/ZP4	R-G	43.54
PT-311X	24AHP4/LP4	R-G	46.93
PT-589X	24AJP4	G	43.54
PT-529X	24ATP4	R	56.10
PT-339X	24AUP4	R-G	43.54
PT-566X	24AVP4	G	56.03
PT-530X	24BP4	R	68.73
PT-316X	SG-24CP4A/ADP4/QP4/TP4/VP4A/XP4	R-G	43.54
PT-567X	27MP4	G	73.98
PT-531X	27LP4	R	78.40
PT-320X	SG-27RP4/EP4/GP4/NP4	R-G	73.98
PT-590X	27XP4	G	73.98

COLOR TUBES

Stock No.	Type	Brand	Net
PT-281X	21AXP22A	R	106.46
PT-514X	21CYP22A	R	104.93
PT-516X	21FBP22	R	111.46
PT-570X	21FJP22/FKP22	R	142.18



UP TO 60% OFF
MFR'S SUGGESTED LIST*

*Lafayette Never Sells at These Mfr's. Suggested List Prices Which May or May Not Be Generally Followed by Retailers.

RECEIVING TUBES

BRAND NEW—ORIGINAL BOXED TUBES

All tubes are brand new, individually boxed in original tube manufacturer's jobber cartons—just as they came from the tube factory. We stock the leading brands—RCA, GE, and Sylvania.

REPLACED TYPES: When the original type is no longer available we will ship the newer, directly interchangeable version.

12 MONTH GUARANTEE

All receiving tubes are guaranteed for 12 months from date of purchase. We will replace any tube that does not give efficient performance for a full 12 months' period. This of course does not apply to burned out or broken tubes. Average shpg. wt., 4 oz., per 10 tubes, 2 1/4 lbs.

UP TO 60% OFF
MFR'S SUGGESTED LIST*

*Lafayette Never Sells at These Mfr's. Suggested List Prices Which May or May Not Be Generally Followed by Retailers.



ASSORTMENT PRIVILEGE:
TUBES MAY BE ASSORTED FOR QUANTITY PRICE

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Tube Type	Mfr. Sugg. List*	Net 1-9	Each 10-49	Asst. 50-Up	Tube Type	Mfr. Sugg. List*	Net 1-9	Each 10-49	Asst. 50-Up	Tube Type	Mfr. Sugg. List*	Net 1-9	Each 10-49	Asst. 50-Up	Tube Type	Mfr. Sugg. List*	Net 1-9	Each 10-49	Asst. 50-Up					
0Z4	2.40	1.18	1.06	.96	3BE6	2.25	1.10	.99	.90	5A24	5.65	2.77	2.49	2.26	6AN8A	4.00	1.96	1.76	1.60	6BR8A	3.65	1.79	1.61	1.46
0Z4A	2.15	1.05	.94	.86	3BN4A	3.05	1.49	1.34	1.22	5B8	5.30	2.60	2.33	2.12	6AQ5A	2.15	1.05	.94	.86	6BS8	3.75	1.84	1.66	1.50
0Z4G	2.60	1.27	1.14	1.04	3BN6	3.75	1.84	1.66	1.50	5BC3	2.30	1.13	1.02	.92	6A06	2.60	1.27	1.14	1.04	6BU8	2.80	1.37	1.23	1.12
1A3	6.55	3.20	2.88	2.62	3BU8	3.10	1.52	1.37	1.24	5BE8	3.30	1.62	1.46	1.32	6A06GT	4.00	1.96	1.76	1.60	6BV8	3.15	1.54	1.39	1.26
1A5GT	4.25	2.08	1.87	1.70	3BY6	2.60	1.27	1.14	1.04	5BK7A	3.40	1.66	1.49	1.36	6A08	3.15	1.54	1.39	1.26	6BW4	2.90	1.42	1.28	1.16
1A7GT	5.75	2.82	2.53	2.30	3BZ6	2.30	1.13	1.02	.92	5BQ7A	4.00	1.96	1.76	1.60	6AR5	2.65	1.30	1.17	1.06	6BW8	3.50	1.71	1.55	1.40
1A02	3.00	1.47	1.32	1.20	3CB6	2.30	1.13	1.02	.92	5BR8	3.65	1.79	1.61	1.46	6AR8	5.15	2.52	2.26	2.06	6BX7GT	4.35	2.13	1.92	1.74
1AX2	3.05	1.49	1.34	1.22	3CE5	2.35	1.15	1.03	.94	5BT8	3.30	1.62	1.46	1.32	6AR11	4.35	2.13	1.92	1.74	6BY5CA	5.10	2.50	2.24	2.04
1B3GT	2.90	1.42	1.28	1.16	3CF6	2.70	1.32	1.19	1.08	5BW8	3.40	1.66	1.49	1.36	6AS5	2.40	1.18	1.06	.96	6BY6	2.50	1.22	1.11	1.00
1CSGT	5.30	2.60	2.33	2.12	3CS6	2.45	1.20	1.08	.98	5CG8	3.35	1.64	1.48	1.34	6AS8	3.80	1.86	1.67	1.52	6BY8	2.65	1.30	1.17	1.06
1DN5	3.65	1.79	1.61	1.46	3CY5	3.05	1.49	1.34	1.22	5CL8A	3.35	1.64	1.48	1.34	6AS11	5.00	2.45	2.20	2.00	6BZ6	2.25	1.10	.99	.90
1G3GT/1B3GT	2.90	1.42	1.28	1.16	3DC4	3.40	1.66	1.49	1.36	5CM8	3.80	1.86	1.67	1.52	6AT6	1.90	.93	.84	.76	6BZ7	4.00	1.96	1.76	1.60
1H2	3.05	1.49	1.34	1.22	3DK6	2.40	1.18	1.06	.96	5CQ8	3.95	1.93	1.74	1.58	6AT8A	3.80	1.86	1.67	1.52	6BZ8	4.45	2.18	1.96	1.78
1H5GT	4.15	2.03	1.83	1.66	3DT6A	2.20	1.08	.97	.88	5CZ5	4.35	2.13	1.92	1.74	6AU4GTA	3.60	1.76	1.58	1.44	6C4	1.85	.91	.81	.74
1J3	2.90	1.42	1.28	1.16	3DZ4	4.10	2.01	1.81	1.64	5D8	5.10	2.50	2.24	2.04	6AU5GT	4.30	2.11	1.90	1.72	6C5	4.25	2.08	1.87	1.70
1K3	2.90	1.42	1.28	1.16	3EA5	2.85	1.40	1.26	1.14	5DJ4	2.65	1.30	1.17	1.06	6AU6A	2.10	1.03	.93	.84	6C6	8.30	4.07	3.66	3.32
1L6	6.80	3.33	3.00	2.72	3EH7	2.75	1.35	1.22	1.10	5EA8	3.15	1.54	1.39	1.26	6AU8A	3.50	1.71	1.55	1.40	6C8G	8.55	4.19	3.77	3.42
1LA4	8.45	4.14	3.73	3.38	3EJ7	2.75	1.35	1.22	1.10	5ES8	5.80	2.84	2.56	2.32	6AV5CA	4.20	2.06	1.85	1.68	6C9	5.80	2.84	2.56	2.32
1LA6	6.20	3.04	2.73	2.48	3ER5	3.50	1.71	1.55	1.40	5EU8	3.35	1.64	1.48	1.34	6AV6	1.65	.80	.73	.66	6C10	3.00	1.53	1.74	1.58
1LB4	8.65	4.24	3.82	3.46	3F55	3.05	1.49	1.34	1.22	5EW6	2.65	1.30	1.17	1.06	6AV11	3.00	1.93	1.74	1.58	6C4A	2.10	1.03	.93	.84
1LC6	3.80	4.07	3.66	3.32	3GK5	4.05	1.98	1.78	1.62	5FG7	2.75	1.35	1.22	1.10	6AW8A	3.70	1.81	1.63	1.48	6CA5	3.15	1.54	1.39	1.26
1LE3	7.00	3.43	3.09	2.80	3GS8/3BU8	3.10	1.52	1.37	1.24	5FV8	3.15	1.54	1.39	1.26	6AX3	2.70	1.32	1.19	1.08	6CA7	5.20	2.55	2.30	2.08
1LG5	6.80	3.33	3.00	2.72	3HA5	4.05	1.98	1.78	1.62	5GM8	3.95	1.93	1.74	1.58	6AX4GTB	2.65	1.30	1.17	1.06	6CB5A	8.25	4.04	3.64	3.30
1LM4	8.05	3.94	3.55	3.22	3IF4	6.40	3.14	2.83	2.56	5GM6	2.65	1.30	1.17	1.06	6AX5GT	2.95	1.44	1.30	1.18	6CB6A	2.25	1.10	.99	.90
1LN5	8.15	3.99	3.59	3.26	3J4	3.55	1.74	1.57	1.42	5GX6	2.30	1.13	1.02	.92	6AX8	3.70	1.81	1.63	1.48	6CD6GA	5.80	2.84	2.56	2.32
1N2A	4.65	2.27	2.05	1.86	3K4	5.65	2.77	2.49	2.26	5HG8	4.45	2.18	1.96	1.78	6AX11	2.95	1.91	1.72	1.56	6CE5	2.35	1.15	1.03	.94
1N5GT	5.20	2.55	2.30	2.08	3Q5GT	3.20	1.57	1.41	1.28	5J6	2.85	1.40	1.26	1.14	6AZ8	5.55	2.71	2.44	2.22	6CF6	2.55	1.25	1.12	1.02
1R4/1294	7.75	3.80	3.42	3.10	3V4	2.50	1.22	1.11	1.00	5KE8	5.05	2.47	2.22	2.02	6B8	7.30	3.58	3.22	2.92	6CF7	2.45	1.20	1.08	.98
1R5	3.05	1.49	1.34	1.22	4R4	2.35	1.15	1.03	.94	5TA	12.10	5.93	5.34	4.84	6B10	3.50	1.71	1.55	1.40	6C8A	3.30	1.62	1.46	1.32
1S2A	2.70	1.32	1.19	1.08	4AV6	1.85	.91	.81	.74	5TB	3.40	1.66	1.49	1.36	6BA3	2.75	1.35	1.22	1.10	6C8B	5.20	2.55	2.30	2.08
1S4	4.35	2.13	1.92	1.74	4BC5	2.35	1.15	1.03	.94	5U4G	2.10	1.03	.93	.84	6BA6	2.00	.98	.88	.80	6C8C	2.90	1.42	1.28	1.16
1S5	2.90	1.42	1.28	1.16	4BC8	4.05	1.98	1.78	1.62	5U4GB	2.10	1.03	.93	.84	6BA7	5.95	2.91	2.62	2.38	6C9	2.90	1.42	1.28	1.16
1T4	2.90	1.42	1.28	1.16	4BL8/4CF80	2.55	1.25	1.12	1.02	5V3A	3.85	1.89	1.70	1.54	6BA8A	5.85	1.89	1.70	1.54	6C0	3.00	1.47	1.32	1.20
1U4	2.90	1.42	1.28	1.16	4BN6	3.75	1.84	1.66	1.50	5V4GA	3.50	1.71	1.55	1.40	6BC4	3.35	2.62	2.35	2.14	6C1	2.90	1.42	1.28	1.16
1U5	2.65	1.30	1.17	1.06	4BQ7A	4.00	1.96	1.76	1.60	5V6GT	2.40	1.18	1.06	.96	6BC5	2.35	1.15	1.03	.94	6C2	4.25	2.08	1.87	1.70
1V	5.85	2.87	2.58	2.34	4BS8	3.85	1.89	1.70	1.54	5X4G	3.35	1.64	1.48	1.34	6CE5	2.35	1.15	1.03	.94	6C3	2.90	1.42	1.28	1.16
1V2	2.10	1.03	.93	.84	4BU8	3.10	1.52	1.37	1.24	5X8	3.45	1.69	1.52	1.38	6C8	4.00	1.86	1.67	1.52	6C4	3.00	1.47	1.32	1.20
1X2A	3.05	1.49	1.34	1.22	4BZ6	2.25	1.10	.99	.90	5Y3GT	1.75	.86	.77	.70	6B06	2.45	1.20	1.08	.98	6C5	2.90	1.42	1.28	1.16
1X2B	3.05	1.49	1.34	1.22	4BZ7	2.40	1.18	1.06	.96	5Y4GA	2.55	1.25	1.12	1.02	6BD11	3.90	2.50	2.24	2.04	6C6	2.40	1.18	1.06	.96
2A3	10.50	5.15	4.64	4.20	4C86	4.05	1.98	1.78	1.62	5Y4GT	2.65	1.30	1.17	1.06	6BE3	3.00	1.47	1.32	1.20	6C7	2.95	1.44	1.30	1.18
2AF4B	4.05	1.98	1.78	1.62	4CE5/4BC5	2.35	1.15	1.03	.94	5Z3	3.30	1.62	1.46	1.32	6BE6	2.20	1.08	.97	.88	6C8	2.95	1.44	1.30	1.18
2AM2	3.20	1.57	1.41	1.28	4CS6	2.35	1.15	1.03	.94	5Z4	8.35	4.09	3.68	3.34	6BF5	3.55	1.74	1.57	1.42	6C9	4.35	2.13	1.92	1.74
2AS2	3.20	1.57	1.41	1.28	4CY6	2.35	1.15	1.03	.94	6A7	8.50	4.17	3.75	3.40	6BF6	1.80	.88	.79	.72	6C0	4.35	2.13	1.92	1.74
2BN4A	2.55	1.25	1.12	1.02	4D5	2.85	1.40	1.26	1.14	6A8	6.85	3.36	3.02	2.74	6BF7	4.35	2.13	1.92	1.74	6C1	4.45	2.18	1.96	1.78
2CW4	4.45	2.18	1.96	1.78	4DE6	2.65	1.30	1.17	1.06	6A8GT	8.60	4.21	3.79	3.44	6BF11	3.65	2.32	2.09	1.90	6C2	4.45	2.18	1.96	1.78
2CY5	3.05	1.49	1.34	1.22	4DT6A	2.25	1.10	.99	.90	6BA	2.15	1.05	.94	.86	6BG6GA	6.50	3.19	2.87	2.60	6C3	2.90	1.42	1.28	1.16
2D54	4.45	2.18	1.96	1.78	4EH7	3.80	1.86	1.67	1.52	6AB5/6B5	8.05	3.94	3.55	3.22	6BH3	2.95	1.44	1.30	1.18	6C4	3.00	1.47	1.32	1.20
2DVA	6.25	3.06	2.75	2.50	4EJ7	3.80	1.86	1.67	1.52	6AN5	8.25	4.04	3.64	3.30	6BH6	2.70	1.32	1.19	1.08	6C5	2.85	1.39	1.23	1.12
2OZ4	4.05	1.98	1.78	1.62	4ES8	4.60	2.25	2.03	1.84	6AC5GT	6.25													

RECEIVING TUBES (CONT.)

Tube Type	Mfr. Sugg. List* 1-9 10-49 50-Up	Tube Type	Mfr. Sugg. List* 1-9 10-49 50-Up	Tube Type	Mfr. Sugg. List* 1-9 10-49 50-Up	Tube Type	Mfr. Sugg. List* 1-9 10-49 50-Up	Tube Type	Mfr. Sugg. List* 1-9 10-49 50-Up
6DQ6B	4.15 2.03 1.83 1.66	6GW6	4.15 2.03 1.83 1.66	6V3A	4.55 2.23 2.01 1.82	11KV8	6.25 3.06 2.75 2.50	12FM6	2.00 .98 .88 .80
6DR7	4.40 1.66 1.49 1.36	6GW8/ ECL86	3.20 1.57 1.41 1.28	6V4	1.60 .78 .71 .64	12A8GT	8.85 4.34 3.91 3.54	12FQ8	3.20 1.57 1.41 1.28
6DS4	3.45 2.18 1.96 1.78	6GX6	2.30 1.13 1.02 .92	6V6	6.75 3.31 2.98 2.70	12AB5	3.50 1.71 1.55 1.40	12FR8	4.80 2.35 2.11 1.92
6DS5	3.20 1.57 1.41 1.28	6GY5	3.70 2.40 2.16 1.96	6V6GT	2.15 1.05 .94 .86	12AC6	2.20 1.08 .97 .88	12FV7	3.65 1.79 1.61 1.46
6DYS	3.25 1.59 1.43 1.30	6GY6	2.30 1.13 1.02 .92	6V6GTA	2.20 1.08 .97 .88	12AD6	2.40 1.18 1.06 .96	12FX5	2.65 1.30 1.17 1.06
6DT6A	2.15 1.05 .94 .86	6GY8	3.80 1.86 1.67 1.52	6W4GT	2.40 1.18 1.06 .96	12AE6A	2.05 1.01 .91 .82	12FX8	3.80 1.86 1.67 1.52
6DT8	3.80 1.86 1.67 1.52	6H6	4.00 1.93 1.74 1.58	6W4GTA	2.45 1.20 1.08 .98	12AE7	3.75 1.84 1.66 1.50	12FX8A	3.80 1.86 1.67 1.52
6DV4	6.25 3.06 2.75 2.50	6MA5	4.05 1.98 1.78 1.62	6W6GT	2.85 1.40 1.26 1.14	12AF3	2.90 1.42 1.28 1.16	12GA6	2.55 1.25 1.12 1.02
6DW4	3.70 1.81 1.63 1.48	6MA6	3.25 1.59 1.43 1.30	6X4	1.65 .80 .73 .66	12AF6	2.75 1.35 1.22 1.10	12GC6	4.20 2.06 1.85 1.68
6OW5	4.05 1.98 1.78 1.62			6X5GT	2.10 1.03 .93 .84	12AH7GT	5.55 2.71 2.44 2.22	12GE5	3.80 1.86 1.67 1.52
6DX8	3.10 1.52 1.37 1.24	6HB5	3.40 2.18 1.96 1.78	6X8	3.15 1.54 1.39 1.26	12AJ6	2.55 1.25 1.12 1.02	12GJ5	4.60 2.25 2.03 1.84
6DZ4	4.00 1.96 1.76 1.60	6HB6	3.10 1.52 1.37 1.24	6XA8	3.20 1.57 1.41 1.28	12AL5	1.90 .93 .84 .76	12GN7	4.15 2.03 1.83 1.66
6DZ7	8.45 4.14 3.73 3.38	6ME5	3.95 1.93 1.74 1.58	6Y6G	4.30 2.11 1.90 1.72	12AL8	6.55 3.20 2.88 2.62	12GT5	4.25 2.08 1.87 1.70
6E5	4.90 2.40 2.16 1.96	6MF5	7.75 3.80 3.42 3.10	6Y6GA	4.30 2.11 1.90 1.72	12AL11	4.45 2.18 1.96 1.78	12H6	3.95 1.93 1.74 1.58
6EA5	3.80 1.86 1.67 1.52	6MF8	3.95 1.93 1.74 1.58	6Y6GT	3.45 1.69 1.52 1.38	12AQ5	4.20 1.18 1.06 .96	12J5	3.65 1.79 1.61 1.46
6EA7	3.80 1.86 1.67 1.52	6MG8	4.35 2.13 1.92 1.74	7A4	7.50 3.67 3.31 3.00	12AT6	1.85 .91 .81 .74	12J5GT	4.35 2.13 1.92 1.74
6EAR	3.20 1.57 1.41 1.28	6MJ8	3.30 1.62 1.46 1.32	7A5	6.00 2.94 2.65 2.40	12AT7	3.05 1.49 1.34 1.22	12J7GT	4.70 3.63 3.27 2.96
6EB5	4.00 2.40 2.16 1.96	6ML8	3.25 1.59 1.43 1.30	7A6	7.40 3.63 3.27 2.96	12AU6	2.15 1.05 .94 .86	12J8	4.60 2.25 2.03 1.84
6EB8	4.90 1.96 1.76 1.60	6MR6	2.40 1.18 1.06 .96	7A7	7.55 3.70 3.33 3.02	12AU7A	2.45 1.20 1.08 .98	12JB6	6.00 2.94 2.65 2.40
6EM5	2.90 1.42 1.28 1.16	6MS6	2.50 1.22 1.11 1.00	7A8	8.30 4.04 3.64 3.30	12AV5GA	3.85 1.89 1.70 1.54	12K5	3.35 1.64 1.48 1.34
6EH7	3.80 1.86 1.67 1.52	6MS8	3.20 1.57 1.41 1.28	7AF7	6.60 3.23 2.91 2.64	12AV6	1.65 .80 .73 .66	12K7GT	7.70 3.43 3.09 2.80
6EM8	3.15 1.54 1.39 1.26	6MZ6	2.65 1.30 1.17 1.06	7AG7	8.40 4.12 3.71 3.36	12AV7	3.55 1.74 1.57 1.42	12K8	8.00 4.26 3.84 3.48
6EJ7	3.80 1.86 1.67 1.52	6MZ8	4.35 2.13 1.92 1.74	7AH7	6.40 3.14 2.83 2.56	12AW6	3.30 1.62 1.46 1.32	12KL8	2.60 1.27 1.14 1.04
6EM5	3.40 1.66 1.49 1.36	6J5	3.65 1.79 1.61 1.46	7AU7	2.60 1.27 1.14 1.04	12AX3	2.75 1.35 1.22 1.10	12L6GT	2.75 1.35 1.22 1.10
6EM7	5.10 2.50 2.24 2.04	6J5GT	3.65 1.79 1.61 1.46	7B4	7.20 3.53 3.18 2.88	12AX4GTB	2.70 1.32 1.19 1.08	12Q7GT	5.80 2.84 2.56 2.32
6EQ7	2.90 1.42 1.28 1.16	6J6	2.80 1.37 1.23 1.12	7B5	8.85 4.34 3.91 3.54	12AX7	2.55 1.25 1.12 1.02	12R5	3.10 1.52 1.37 1.24
6ER5	3.50 1.71 1.55 1.40	6J6A	2.80 1.37 1.23 1.12	7B6	5.60 2.74 2.47 2.24	12AX7A	2.55 1.25 1.12 1.02	12SA7	4.30 2.11 1.90 1.72
6ES5	3.00 1.47 1.32 1.20	6J7	4.95 2.43 2.18 1.98	7B7	8.10 3.97 3.57 3.24	12AY3	2.80 1.37 1.23 1.12	12SA7GT	4.30 2.11 1.90 1.72
6E5S	5.80 2.84 2.56 2.32	6J7GT	4.95 2.43 2.18 1.98	7B8	5.95 2.91 2.62 2.38	12AY7	4.75 2.32 2.09 1.90	12SC7	5.50 2.69 2.42 2.20
6ET7	4.25 2.08 1.87 1.70	6J11	3.65 2.32 2.09 1.90	7C5	3.50 1.71 1.55 1.40	12AZ7A	2.75 1.35 1.22 1.10	12SF5	4.10 2.01 1.81 1.64
6EU7	2.70 1.32 1.19 1.08	6JB6	4.55 2.23 2.01 1.82	7C6	7.75 3.80 3.42 3.10	12BA4	2.70 1.32 1.19 1.08	12SF7	6.60 3.23 2.91 2.64
6EU8	3.30 1.62 1.46 1.32	6JC6	3.50 1.71 1.55 1.40	7C7	3.60 1.76 1.58 1.44	12BA6	1.65 .80 .73 .66	12SG7	4.65 2.27 2.05 1.86
6EV5	3.00 1.47 1.32 1.20	6JC8	3.05 1.49 1.34 1.22	7E7	6.70 3.28 2.95 2.68	12BA7	5.95 2.91 2.62 2.38	12SH7	5.75 2.82 2.53 2.30
6EV7	2.50 1.22 1.11 1.00	6JE6	9.00 4.41 3.97 3.60	7EY6	3.15 1.54 1.39 1.26	12B06	2.45 1.20 1.08 .98	12SJ7	4.15 2.03 1.83 1.66
6EW6	2.50 1.22 1.11 1.00	6JE8	3.95 1.93 1.74 1.58	7F7	7.95 3.89 3.50 3.18	12B3	2.10 1.35 1.22 1.10	12SK7	3.95 1.93 1.74 1.58
6EW7	3.90 1.91 1.72 1.56	6IH6	2.60 1.27 1.14 1.04	7F8	8.75 4.28 3.86 3.50	12BE6	1.75 .86 .77 .70	12SK7GT	3.95 1.93 1.74 1.58
6EX6	7.25 3.56 3.20 2.90	6JH8	4.35 2.13 1.92 1.74	7G7	6.40 3.14 2.83 2.56	12BF6	2.20 1.08 .97 .88	12SL7GT	3.75 1.84 1.66 1.50
6EY6	3.40 1.66 1.49 1.36	6JK8	3.55 1.74 1.57 1.42	7H7	6.40 3.14 2.83 2.56	12BH7A	3.05 1.49 1.34 1.22	12SN7GTA	2.70 1.32 1.19 1.08
6EZ5	3.60 1.76 1.58 1.44	6JN8	3.00 1.47 1.32 1.20	7HG/8/ PCF86	3.35 1.64 1.48 1.34	12BK5	4.00 1.96 1.76 1.60	12SQ7	3.75 1.84 1.66 1.50
6EZ8	3.80 1.86 1.67 1.52	6JT8	4.25 2.08 1.87 1.70	7I7	7.25 3.56 3.20 2.90	12BL6	2.65 1.30 1.17 1.06	12SQ7GT	3.75 1.84 1.66 1.50
6F5	4.60 2.25 2.03 1.84	6JU8	2.95 1.44 1.30 1.18	7K7	8.60 4.21 3.79 3.44	12BN6	3.90 1.91 1.72 1.56	12SR7	5.45 2.67 2.40 2.18
6F6	5.85 2.87 2.58 2.34	6KZ8	2.85 1.44 1.66 1.50	7L7	6.40 3.14 2.83 2.56	12B06GA	4.50 2.20 1.99 1.80	12T7	2.65 1.30 1.17 1.06
6FG6	5.85 2.87 2.58 2.34	6KGGT	2.65 1.30 1.17 1.06	7M7	7.55 3.70 3.33 3.02	12B06GTB/		12V6GT	2.40 1.18 1.06 .96
6FG6GT	5.85 2.87 2.58 2.34	6K7	4.95 2.43 2.18 1.98	7Q7	6.20 3.04 2.73 2.48	12CUG	4.45 2.18 1.96 1.78	12W6GT	3.00 1.47 1.32 1.20
6F7	11.70 5.73 5.15 4.68	6K7GT	4.95 2.43 2.18 1.98	7R7	6.65 3.25 2.93 2.66	12BR7	3.20 1.57 1.41 1.28	12X4	1.90 .93 .84 .76
6F8G	8.95 4.39 3.95 3.58	6K8	7.50 3.67 3.31 3.00	7S7	7.55 3.70 3.33 3.02	12B7	3.50 1.71 1.55 1.40	13CW4	4.45 2.18 1.96 1.78
6FA7	2.90 1.42 1.28 1.16	6K11	3.85 1.89 1.70 1.54	7V7	4.90 2.40 2.16 1.96	12BW4	2.90 1.42 1.28 1.16	13OE7	3.00 1.47 1.32 1.20
6FO6	3.80 1.86 1.67 1.52	6KA8	3.80 1.86 1.67 1.52	7W7	7.00 3.43 3.09 2.80	12B7A	3.05 1.49 1.34 1.22	13OR7	3.40 1.66 1.49 1.36
6FO7	4.65 2.27 2.05 1.86	6KL8	2.60 1.27 1.14 1.04	7X7	8.10 3.97 3.57 3.24	12BZ6	2.25 1.10 .99 .90	13ME7	4.75 2.32 2.09 1.90
6FE5	3.65 1.79 1.61 1.46	6KM8	3.40 1.66 1.49 1.36	7Y4	7.15 3.50 3.15 2.86	12BZ7	4.40 2.16 1.94 1.76	13FO7	4.85 2.38 2.14 1.94
6FG5	5.20 2.55 2.30 2.08	6KT8	3.25 1.59 1.43 1.30	7Z4	6.90 3.38 3.04 2.76	12C5	2.45 1.20 1.08 .98	13GB5	3.95 1.93 1.74 1.58
6FG6	3.25 1.59 1.43 1.30	6KZ8	2.80 1.37 1.23 1.12	8A08	4.05 1.98 1.78 1.62	12C8	9.70 4.75 4.27 3.88	13GF7	4.60 2.25 2.03 1.84
6FG7	2.90 1.42 1.28 1.16	6L6	8.60 4.21 3.79 3.44	8AW8A	3.65 1.79 1.61 1.46	12CA5	2.85 1.40 1.26 1.14	13J10	5.35 2.62 2.35 2.14
6FH5	2.55 1.25 1.12 1.02	6LGG	4.20 2.06 1.85 1.68	8B10	3.55 1.74 1.57 1.42	12CN5	3.45 1.69 1.52 1.38	14A7	5.90 2.89 2.60 2.36
6FH8	3.65 1.79 1.61 1.46	6L6GT	7.35 3.61 3.25 2.94	8BA8A	3.65 1.79 1.61 1.46	12CR6	2.65 1.30 1.17 1.06	14AF7	6.05 2.96 2.67 2.42
6FJ7	3.65 1.79 1.61 1.46	6M11	3.70 2.40 2.16 1.96	8B8	3.55 1.74 1.57 1.42	12CT8	4.25 2.08 1.87 1.70	14B6	5.60 2.74 2.47 2.24
6FM7	3.45 1.69 1.52 1.38	6N7	5.00 2.45 2.20 2.00	8BN8	3.25 1.59 1.43 1.30	12CU5/		14C7	6.60 3.23 2.91 2.64
6FM8	3.00 1.47 1.32 1.20	6N7GT	5.00 2.45 2.20 2.00	8BQ5	2.90 1.42 1.28 1.16	12C5	2.45 1.20 1.08 .98	14C7	8.95 4.39 3.95 3.58
6FQ5A	4.05 1.98 1.78 1.62	6Q7	5.30 2.60 2.33 2.12	8C7	2.50 1.22 1.11 1.00	12CK6	2.90 1.42 1.28 1.16	14F8	6.70 3.28 2.95 2.68
6FQ7	2.30 1.13 1.02 .92	6Q7GT	5.65 2.77 2.49 2.26	8CM7	2.80 1.37 1.23 1.12	1204	2.75 1.35 1.22 1.10	14GT8	3.20 1.57 1.41 1.28
6FS5	3.05 1.49 1.34 1.22	6Q11	3.50 1.71 1.55 1.40	8CN7	2.80 1.37 1.23 1.12	12OB5	2.75 1.35 1.22 1.10	14JG8	3.00 1.47 1.32 1.20
6FV6	3.55 1.74 1.57 1.42	6R7	5.45 2.67 2.40 2.18	8CS7	2.95 1.44 1.30 1.18	12OE8	3.30 1.62 1.46 1.32	14Q7	6.20 3.04 2.73 2.48
6FV8	3.15 1.54 1.39 1.26	6S4A	2.45 1.20 1.08 .98	8CX8	3.90 1.91 1.72 1.56	12DK6	2.40 1.18 1.06 .96	14R7	7.20 3.53 3.18 2.88
6FV8A	3.15 1.54 1.39 1.26	6S7	7.20 3.53 3.18 2.88	8EB8	4.00 1.96 1.76 1.60	12K7	2.95 1.44 1.30 1.18	15AF11	4.60 2.25 2.03 1.84
6FW5	4.10 2.01 1.81 1.66	6S8GT	4.40 2.16 1.94 1.76	8EM5	3.45 1.69 1.52 1.38	12DL8	5.80 2.84 2.56 2.32	15B011	3.90 2.50 2.24 2.04
6FW8	9.20 4.51 4.06 3.68	6SA7	4.30 2.11 1.90 1.72	8E7	4.40 2.16 1.94 1.76	12Q6B	4.20 2.06 1.85 1.68	15CW5/	
6FY5	2.90 1.42 1.28 1.16	6SB7Y	6.30 3.09 2.78 2.52	8F7	2.75 1.35 1.22 1.10	12Q7	3.45 1.69 1.52 1.38	15C8A	2.80 1.37 1.23 1.12
6FY7	3.40 1.66 1.49 1.36	6SC7	4.20 2.06 1.85 1.68	8GJ7	3.45 1.69 1.52 1.38	12OS7	3.95 1.93 1.74 1.58	15EA7	4.25 2.08 1.87 1.70
6GG6	4.20 2.06 1.85 1.68	6SF5	3.70 1.81 1.63 1.48	8H8	3.75 1.84 1.66 1.50	12OT5	3.05 1.49 1.34 1.22	15EW6	2.80 1.37 1.23 1.12
6GL7	7.35 3.53 3.18 2.88			8KA8	3.85 1.89 1.70 1.54	12OT8	3.75 1.84 1.66 1.50	15FM7	2.75 1.79 1.61 1.46
6GC5	3.20 1.57 1.41 1.28	6SF5GT	3.20 1.57 1.41 1.28	9A8/PCF80	4.00 1.96 1.76 1.60	12O7	4.05 1.98 1.78 1.62	15FY7	3.45 1.69 1.52 1.38
6GE5	4.10 2.01 1.81 1.64	6SF7	6.25 3.06 2.75 2.50	9A9	2.80 1.37 1.23 1.12	12O7	3.65 1.79 1.61 1.46	15G8	2.90 1.42 1.28 1.16
6GF5	3.70 1.81 1.63 1.48	6SG7	4.60 2.25 2.03 1.84	9BR7	3.35 1.64 1.48 1.34	12D8	3.55 1.74 1.57 1.42	15K8	5.05 2.47

RECEIVING TUBES (CONT.)

Mfr.																								
Tube Type	Sugg. List* 1-9	Net 10-49	Each 50-UP	Asst.	Tube Type	Sugg. List* 1-9	Net 10-49	Each 50-UP	Asst.	Tube Type	Sugg. List* 1-9	Net 10-49	Each 50-UP	Asst.	Tube Type	Sugg. List* 1-9	Net 10-49	Each 50-UP	Asst.					
17WE8	2.80	1.37	1.23	1.12	19X8	4.35	2.13	1.92	1.74	30AG11	3.00	1.93	1.74	1.58	50FE5	3.65	1.79	1.61	1.46	117L7G7/				
17GE5	4.45	2.18	1.96	1.78	20E27	3.65	1.79	1.61	1.46	32E75	2.20	1.08	97	88	50FK5	2.30	1.13	1.02	.92	M7GT	10.15	4.97	4.47	4.06
17G5	4.60	2.25	2.03	1.84	21GY5	4.70	2.30	2.07	1.88	32ET5A	2.20	1.08	97	88	50HC6	2.30	1.13	1.02	.92	117N7GT	13.60	6.66	6.00	5.44
17GV5	4.25	2.08	1.87	1.70	22B3	3.05	1.49	1.34	1.22	34G05	2.10	1.03	93	84	50HK6	2.30	1.13	1.02	.92	117P7GT	13.60	6.66	6.00	5.44
17GV5	4.45	2.18	1.96	1.78	22JE4	3.10	1.52	1.37	1.24	34G05A	2.10	1.03	93	84	50L6GT	2.55	1.25	1.12	1.02	117Z3	4.35	2.13	1.92	1.74
17GW6	4.25	2.08	1.87	1.70	22J6	6.10	2.99	2.69	2.44	35A5	6.00	2.94	2.65	2.40	50X6	6.20	3.04	2.73	2.48	117Z6GT	7.10	3.48	3.13	2.84
17M3	2.50	1.22	1.11	1.00	24A	6.60	3.23	2.91	2.64	35B5	3.40	1.66	1.49	1.36	50Y6GT	4.50	2.20	1.99	1.80	EF183/				
17JB6	4.60	2.25	2.03	1.84	25AV5GA	4.25	2.08	1.87	1.70	35C5	2.15	1.05	94	86	50Y7GT	4.50	2.20	1.99	1.80	6E17	3.80	1.86	1.67	1.52
17J28	3.80	1.86	1.67	1.52	25AX4GT	2.90	1.42	1.28	1.16	35O28	3.45	1.69	1.52	1.38	60FX5	2.50	1.22	1.11	1.00	EF184/				
18A5	4.10	2.01	1.81	1.64	25BK5	3.65	1.79	1.61	1.46	35EH5	2.20	1.08	97	88	70L7GT	10.15	4.97	4.47	4.06					
18FW6	2.15	1.05	.94	.86	25BQ6GA	4.60	2.25	2.03	1.84	35GL6	2.50	1.22	1.11	1.00	75	6.80	3.33	3.00	2.72	5879	3.75	1.84	1.66	1.50
18FW6A	2.15	1.05	.94	.86	25BQ6GTB/					35HB8	4.55	2.23	2.01	1.82	78	7.20	3.53	3.18	2.88	5881	6.40	3.14	2.83	2.56
18FX6	2.15	1.05	.94	.86	25C5U6	4.65	2.27	2.05	1.86	35L6GT	2.40	1.18	1.06	.96	80	4.20	2.06	1.85	1.68	6973	4.50	2.20	1.99	1.80
18FX6A	2.15	1.05	.94	.86	25C5	2.15	1.05	.94	.86	35W4	1.10	.54	.49	.44	ECF80/									
18FY6	1.65	.80	.73	.66	25CA5	3.10	1.52	1.37	1.24	35Y4	4.80	2.35	2.11	1.92	6BL8	3.95	1.93	1.74	1.58	7025	2.95	1.44	1.30	1.18
18FY6A	1.65	.80	.73	.66	25CD6GB	5.85	2.87	2.58	2.34	32Z3	5.00	2.45	2.20	2.00	EZ80/									
18GD6A	2.15	1.05	.94	.86	25DK4	1.75	.86	.77	.70	35Z4GT	2.70	1.32	1.19	1.08	6V4	1.60	.78	.71	.64	7027A	6.60	3.23	2.91	2.64
19A4	3.50	1.71	1.55	1.40	25ON6	6.35	3.12	2.80	2.54	35Z5GT	1.85	.91	.81	.74	7189	2.85	1.40	1.26	1.14					
19A4GTA	3.45	1.69	1.52	1.38	25EC6	5.70	2.79	2.51	2.28	36AM3A	1.60	.78	.71	.64	7189A	2.85	1.40	1.26	1.14					
19BG6GA	6.50	3.19	2.87	2.60	25EH5	2.30	1.13	1.02	.92	36AM3B	1.60	.78	.71	.64	7199	3.70	1.81	1.63	1.48					
19CL8A	3.50	1.71	1.55	1.40	25F5A	4.05	1.98	1.78	1.62	41	5.80	2.84	2.56	2.32	7247	3.05	1.49	1.34	1.22					
19E8	3.40	1.66	1.49	1.36	25L6	8.85	4.34	3.91	3.54	42	5.15	2.52	2.26	2.06	7355	3.05	1.49	1.34	1.22					
19E28	3.80	1.86	1.67	1.52	25L6GT	2.65	1.30	1.17	1.06	43	7.60	3.72	3.35	3.04	7408	2.15	1.05	.94	.86					
19HR6	2.45	1.20	1.08	.98	25W4GT	2.70	1.32	1.19	1.08	47	9.15	4.48	4.03	3.66	7543	3.10	1.52	1.37	1.24					
19HS6	2.55	1.25	1.12	1.02	25W6GT	3.25	1.59	1.43	1.30	50A1	6.65	3.25	2.93	2.66	7581A	4.50	2.20	1.99	1.80					
19HV8	3.80	1.86	1.67	1.52	25Z5	4.60	2.25	2.03	1.84	50A5	6.25	3.06	2.75	2.50	7591	2.95	1.44	1.30	1.18					
19J6	3.95	1.93	1.74	1.58	25Z6GT	3.05	1.49	1.34	1.22	50B5	2.80	1.37	1.23	1.12	7695	4.40	2.16	1.94	1.76					
19JN8	3.20	1.57	1.41	1.28	27	5.40	2.64	2.38	2.16	50C5	2.15	1.05	.94	.86	7868	3.30	1.62	1.46	1.32					
19KG8	2.80	1.37	1.23	1.12	276B5/					50DC4	1.90	.93	.84	.76										
19T8	3.50	1.71	1.55	1.40	PL500	3.95	1.93	1.74	1.58	50EM5	2.30	1.13	1.02	.92										

ASSORTMENT PRIVILEGE: TUBES MAY BE ASSORTED FOR QUANTITY PRICE

*Lafayette Never Sells at These Mfg's Suggested List Prices Which May or May Not Be Generally Followed by Retailers.

MULLARD HIGH FIDELITY TUBES

Premium quality tubes widely used by Hi-Fi equipment manufacturers. Tube types are directly interchangeable with equivalent types listed. Average shpg. wt., 8 oz. Imported from England.

IMPORTANT

When ordering please place letters MD-before type no.: example, MD-EL34.

Tube Type	Equip. Type	Net Each	Tube Type	Equip. Type	Net Each	Tube Type	Equip. Type	Net Each	Tube Type	Equip. Type	Net Each
DAF96	1AHS	1.80	ECC88	6DJ8	2.30	EM90	6BE6	1.22	EL34	6CA7	3.16
DF96	1AJ4	1.89	ECC91	6J6	1.43	EL37	6CA7	3.16	6CN6	6C6	4.32
DF97	1ANS	1.60	ECC189	6ES8	2.46	EL41	6CK5	1.83	EL81	6CJ6	2.34
OK92	1AC6	1.94	ECCF80	6BL8	2.06	EL84	6BQ5	1.25	EL85	6BN5	3.30
OK96	1AB6	1.94	ECCF80	6B8	2.03	EL86	6CW5	1.43	EL86	6CW5	1.43
DM70	1M3	1.05	ECCM81	6AJ8	1.83	EL90	6AQ5	1.16	EL95	6DL5	1.29
EAA91		.95	ECCM83	6DS8	2.34	EM34	6CD7	2.25	UY85	45B5	1.79
EAB30	6AK8	1.92	ECL80	6AB8	1.87				38A3	38A3	.89
EAF42	6C77	1.63	ECL82	6BM8	1.62						
EB91	6AL5	.95	ECL83		2.64						
EBC91	6BD7A	2.04	EF41	6CJ5	1.60						
EBC90	6AT6	1.01	EF42		2.55						
EBC91	6AV6	.87	EF80	6BX6	1.68						
EBF80	6N8	1.67	EF85	6BY7	1.89						
EBF89	6DC8	1.76	EF86	6267	1.38						
EC90	6C4	1.94	EF89	6DA6	1.65						
EC91	6AQ4	3.30	EF91	6AM6	1.70						
EC92		1.38	EF92	6C06	2.10						
EC97	6FY5	1.54	EF93	6BA6	1.08						
ECC33		3.20	EF94	6AU6	1.08						
ECC31	12AT7	1.55	EF95	6AK5	2.30	EL-82MP	6BM8	3.65	EL-90MP	6A05	2.73
ECC82	12AU7	1.27	EF183	6EH7	1.71	EL-34MP	6CA7	6.86	EL-95MP	6DL5	2.73
ECC83	12AX7	1.28	EF184	6EJ7	1.71	EL-37MP		6.82	UCL-82MP	50B8	3.65
ECC85	6AQ8	1.41	EM90	6CS6	1.40	EL-84MP	6BQ5	2.84	UL-84MP	45B5	3.38
						EL-86MP	6CW5	3.32	7189MP	7189	3.53

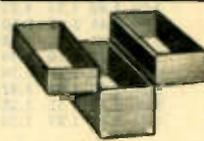
MULLARD MATCHED PAIR HIGH FIDELITY TUBES

Tube Type	Equip. Type	Net Per Pair	Tube Type	Equip. Type	Net Per Pair
EL-82MP	6BM8	3.65	EL-90MP	6A05	2.73
EL-34MP	6CA7	6.86	EL-95MP	6DL5	2.73
EL-37MP		6.82	UCL-82MP	50B8	3.65
EL-84MP	6BQ5	2.84	UL-84MP	45B5	3.38
EL-86MP	6CW5	3.32	7189MP	7189	3.53

ECONOMY TUBE CADDY

● Holds More Than 150 Tubes

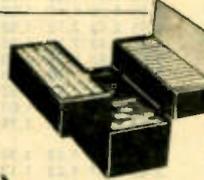
Lafayette now offers a tube caddy with a capacity of more than 150 tubes at this low, low price. Sturdily constructed of wood and kraft-board with easy-to-open lid. Overall 17Wx12½Hx7¾"D. Shpg. wt., 8 lbs. Net 9.95



ML-265W

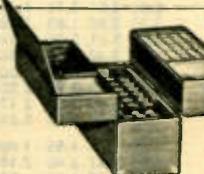
JR. TUBE CADDY

Holds up to 143 tubes. Has compartment for instruments, large tools and 3 section compartment for small tools, wire etc. Wood case with plastic coated fabric covering. 15½Wx12½Hx8"D. Shpg. wt., 10 lbs. Net 9.75



SENIOR TUBE CADDY

Holds up to 262 tubes. Large compartments to store instruments and tools. Wood case with gray plaid covering. 21W x 15H x 8"D. Shpg. wt., 11½ lbs. Net 12.10



MULLARD MASTER 10M SERIES TUBES

This new series of selected individually lab-tested tubes features tube-to-tube uniformity, section-to-section uniformity to the most stringent specifications. Hum, noise, microphonics and distortion kept to absolute minimum—life to the maximum. Gold-protected pins. Individual plastic foam cushion packing. Any tube failing to give 10,000 hours of effective performance within 2 years from purchase may be returned for no charge replacement. Avg. Shpg. Wt., 8 oz.

Stock No.	10M Type No.	Net Each	Stock No.	10M Type No.	Net Each	Stock No.	10M Type No.	Net Each	Stock No.	10M Type No.	Net Each
TU-500	EAB80/6AK8	2.80	TU-507	ECC83/12AX7	2.20	TU-514	EF86/6267	2.50	TU-521	EK90/6BE6	2.10
TU-501	EB91/6AL5	1.95	TU-508	ECC85/6A08	2.40	TU-515	EF89/6DA6	2.55	TU-522	EL84/6BQ5	2.15
TU-502	EBC91/6AV6	1.95	TU-509	ECC88/6DJ8	3.10	TU-516	EF93/6BA6	2.00	TU-523	EL90/6A05	2.15
TU-503	EBF89/6DC8	2.65	TU-510	ECC91/6J6	2.55	TU-517	EF94/6AU6	2.05	TU-524	EL95/6DL5	2.55
TU-504	EC90/6C4	2.85	TU-511	ECF80/6BL8	3.05	TU-518	EF95/6AK5	3.25	TU-525	HBC91/12AV6	1.95
TU-505	ECC81/12AT7	2.55	TU-512	ECH81/6AJ8	2.65	TU-519	EF183/6EH7	2.60	TU-526	7025	2.35
TU-506	ECC82/12AU7	2.20	TU-513	ECL80/6AB8	2.75	TU-520	EF184/6EJ7	2.60			

GOLD LION CUSTOM TUBES

Hand crafted by General Electric Co., Ltd. of England to extremely close tolerances to insure complete performance to specifications. Production test report packed with each tube. Average Shpg. wt., 8 oz. *are matched pairs.



TYPE	Replaces These Types	NET
GL-B739	12AT7, ECC81, 6060, 6201, 6679	3.20
GL-B749	12AU7, ECC82, 5814, 6067, 6189, 6680	2.80
GL-B759	12AX7, ECC83, 5751, 6057, 6681, 7025	3.00
GL-D717	6AL5, EB91, 5726,	

SPECIAL PURPOSE TUBES

**RCA-GENERAL ELECTRIC
RAYTHEON**



All tubes on this page will be supplied from brand new factory boxed stock of one of the famous brands listed above. WHEN ORDERING PLEASE SPECIFY LETTERS TT- BEFORE TYPE NO., THUS TT-0A2.

TUBE TYPE	NET 1-4	EACH 5-18	IN LOTS 19-49	OF 50-99
0A2	1.32	1.14	1.06	.94
0A2WA	3.65	3.12	2.92	2.58
0A3	1.54	1.33	1.24	1.10
0A4G	1.86	1.62	1.50	1.33
0B2	1.44	1.24	1.16	1.03
0B2WA	2.40	2.08	1.97	1.69
0B3	2.35	2.05	1.91	1.75
0C2	1.50	1.28	1.20	1.06
0C3	1.50	1.30	1.21	1.07
1A04	2.80	2.50	2.24	—
1A64	3.05	2.69	2.40	—
1A44	1.35	1.20	1.12	.99
1A15	1.55	1.45	1.30	—
1B85	8.50	—	—	—
1C21	4.15	3.54	3.31	2.93
1C1K/6014	13.10	11.30	10.05	—
1L4	1.37	1.19	1.11	.98
1P21	54.50	47.60	41.90	—
1P22	15.80	13.50	12.30	—
1P28	28.10	24.50	21.80	—
1P29	4.80	4.52	4.19	3.90
1P37	4.50	3.84	3.59	3.15
1P39	2.80	2.40	2.23	1.95
1P40	3.75	3.36	3.14	2.77
1P41	4.75	4.24	3.98	3.39
1P42	13.95	12.60	11.75	10.35
2AP1A	16.45	13.25	12.65	—
2C39A	22.50	20.65	18.25	—
2C39WA	30.00	26.90	23.90	—
2C40	29.30	25.65	22.65	—
2C43	26.95	23.60	21.00	—
2021	1.29	1.12	1.04	.92
2021W	2.90	2.47	2.31	2.04
2E24	5.25	4.78	4.47	3.70
2E26	3.75	3.22	3.02	2.68
2E32	3.35	2.99	2.66	—
2E36	5.81	5.53	4.88	—
2G21	7.39	7.04	6.21	—
RK2K25	32.25	30.00	27.35	—
X2A	3.35	2.89	2.71	2.35
3A4	1.25	1.04	.97	.86
3A5	2.03	1.76	1.64	1.45
3B25	8.90	7.43	6.84	5.95
3B28	6.00	5.44	5.08	4.20
3C23	11.98	11.20	9.90	—
3C33	28.75	25.00	22.50	—
3022A	28.00	26.75	23.50	—
3E29	20.85	18.20	16.05	—
C3JA/5684	14.50	12.65	11.20	—
4-65A	28.75	26.85	24.00	—
4-125A/	36.00	33.50	30.00	—
4021	36.00	33.80	31.80	—
4-250A	—	—	—	—
5022	46.50	42.00	39.30	—
RK4032	32.76	29.20	26.10	—
4X150A	25.00	23.33	21.85	—
5R4GYB	2.03	1.76	1.68	1.45
SUP1	13.10	11.86	11.05	9.15
6ACTW	4.20	3.62	3.37	2.99
6AG7Y	2.80	2.38	2.21	1.98
6AK6	1.40	1.22	1.13	1.00
6AN5	4.20	3.73	3.30	—
6AS6	3.43	2.97	2.77	2.45
6AS7G	4.95	4.26	3.97	3.52
6AS7GA	4.95	4.26	3.97	3.52
6AU6WA	2.70	2.32	2.16	1.91
6D4	2.85	2.33	2.17	2.00
6DJ8	2.40	2.05	1.90	—
6F4	13.10	12.04	11.04	9.91
C6JA/5685	29.00	25.10	22.45	—
G14	4.19	3.61	3.37	2.99
G14WA	5.60	4.83	4.51	3.99
G16WA	5.35	4.60	4.29	—
6S17Y	1.95	1.65	1.53	1.37
12A6	2.55	2.19	2.04	—
12AT7WA	2.55	2.19	2.04	—
12AY7	2.45	2.10	1.96	1.73
12SY7	2.67	2.32	2.16	1.91
C16I/5665	56.90	49.70	44.30	—
26A6	3.70	3.17	2.96	2.62
2807	4.95	4.42	4.16	—
83	1.89	1.63	1.52	1.35
502A	2.30	1.97	—	—
CK-510AX	4.09	3.90	3.40	—
CK-512AX	2.90	2.65	2.48	—
CK-526AX	4.59	4.37	4.10	—
CK-533AX	3.01	2.87	2.75	—
CK-534AX	3.01	2.87	2.75	—
801A	13.00	11.00	10.25	9.75
805	22.10	19.30	17.00	—
807	3.00	2.71	2.53	2.20
809	7.95	7.21	6.73	5.85
810	26.95	23.40	20.70	—

TUBE TYPE	NET 1-4	EACH 5-18	IN LOTS 19-49	OF 50-99
811A	6.90	6.21	5.80	5.10
812A	6.90	6.21	5.80	5.10
813	23.15	20.20	17.15	—
815	28.35	24.75	21.80	—
816	2.95	2.64	2.47	2.20
828	32.95	28.75	25.60	—
829B	19.00	16.50	14.60	—
832A	15.90	13.85	12.20	—
836	11.10	10.00	9.40	8.30
837	10.30	9.30	8.70	7.70
866A	2.65	2.22	1.95	—
868	4.45	3.80	3.56	3.10
872A	9.90	8.49	6.95	—
884	2.28	1.97	1.84	1.63
885	2.00	1.87	1.65	—

TUBE TYPE	NET 1-4	EACH 5-18	IN LOTS 19-49	OF 50-99
917	7.00	6.18	5.77	4.90
918	4.45	3.90	3.62	—
919	7.15	6.30	5.90	5.00
920	7.30	6.45	6.03	5.10
921	3.50	3.14	2.94	2.60
922	3.10	2.79	2.60	2.29
923	3.40	3.00	2.80	2.35
925	3.65	3.10	2.94	2.55
926	3.75	3.20	3.00	2.60
927	4.25	3.79	3.53	3.10
928	6.00	5.44	5.08	4.20
929	2.35	2.12	2.00	1.87
930	3.65	3.12	2.92	2.55
931A	12.40	11.21	10.47	8.65
934	4.15	3.57	3.33	2.90
935	11.90	10.78	9.06	8.30
954	11.20	10.00	9.40	8.95
955	7.05	6.30	5.90	—
956	10.85	9.38	8.76	7.75
957	8.50	8.05	7.10	—

TUBE TYPE	NET 1-4	EACH 5-18	IN LOTS 19-49	OF 50-99
991	.87	.80	.75	.62
CK-1006	6.03	5.75	5.07	—
CK-1020	11.86	11.29	9.96	—
CK-1021	11.86	11.29	9.96	—
CK-1026	4.35	4.13	3.85	—
CK-1054	4.20	3.97	3.50	—
1612	5.80	5.00	4.67	4.12
1613	3.00	2.71	2.53	2.15
1614	4.93	4.24	3.96	3.52
1616	13.90	12.50	11.70	10.35
1619	5.70	4.88	4.55	4.02
1620	7.55	6.50	6.11	5.39
1621	3.50	3.00	2.80	2.46
1622	4.85	4.18	3.90	3.44
1624	6.25	5.64	5.27	4.35
1625	4.75	4.29	4.00	3.50
1626	3.45	3.07	2.85	2.50
1629	1.90	1.62	1.51	1.33
1631	3.45	3.27	2.98	—
1635	3.82	3.31	3.08	2.71

TUBE TYPE	NET 1-4	EACH 5-18	IN LOTS 19-49	OF 50-99
2050A	2.21	1.91	1.79	1.58
CK-5517	3.80	3.59	3.16	—
4403	1.75	1.57	1.48	1.30
4404	1.75	1.57	1.48	1.30
5550	49.00	46.25	—	—
5551A	63.00	61.30	—	—
5552A	99.00	93.85	—	—
5557	9.50	8.80	7.85	—
5558	17.50	16.30	14.40	—
5559	23.00	21.60	20.20	—
5560	33.00	30.00	27.00	—
5581	3.45	3.07	2.85	2.50
5582	5.40	4.76	4.45	3.85
5583	4.80	4.20	3.94	3.39
5584	7.15	6.30	5.90	5.00
5618	6.75	5.83	5.44	4.81
5636	7.80	6.75	6.30	5.57
5639	6.55	5.67	5.29	4.68
5642	3.85	3.64	3.21	—
5651	1.78	1.54	1.44	1.27
CK-5651WA	3.75	3.25	3.04	2.69
5652	7.50	6.59	6.16	5.35
5653	2.25	2.05	1.90	1.80
5654/6AK5W	2.45	2.08	1.97	1.72

TUBE TYPE	NET 1-4	EACH 5-18	IN LOTS 19-49	OF 50-99
5654/6096	4.35	3.70	3.48	3.07
5670	2.45	2.12	1.98	—
5675	16.05	13.80	12.90	11.30
CK-5676	3.05	2.87	2.53	—
CK-5678	2.27	2.16	1.90	—
5686	3.40	3.21	2.92	—
5687	4.05	3.47	3.24	2.86
5690	14.10	12.10	11.30	10.06
5691	8.75	7.55	7.05	6.23
5692	8.25	7.12	6.64	5.88
5693	6.60	5.70	5.31	4.70
5696	2.05	1.74	1.63	1.44
CK-5702	2.20	3.91	3.59	—
CK-5702WA	6.48	5.80	5.10	—
CK-5703	2.85	2.52	2.21	—

TUBE TYPE	NET 1-4	EACH 5-18	IN LOTS 19-49	OF 50-99
CK-5703WA	7.07	6.30	5.65	—
CK-5704	3.51	3.35	2.95	—
5718	3.65	3.40	2.92	—
5719	3.85	3.31	3.10	2.74
5725	3.80	3.26	3.05	2.69
5726	1.55	1.33	1.24	1.10
5726/GAL5W/	—	—	—	—
6097	1.55	1.33	1.24	1.10
5727	2.90	2.47	2.31	2.04
5727/2021W	2.90	2.47	2.31	2.04
5734	22.05	19.00	17.55	15.50
5749	2.20	1.90	1.77	1.57
5749/6BA6W	2.20	1.90	1.77	1.57
5750	3.45	3.26	2.88	—
5750/6BE6W	3.45	3.26	2.88	—
5751	2.55	2.19	2.04	—
5751WA	2.95	2.55	2.38	2.10
5763	2.53	2.19	2.04	1.81
CK-5783	4.20	3.90	3.50	—
CK-5787	5.00	4.64	4.20	—

TUBE TYPE	NET 1-4	EACH 5-18	IN LOTS 19-49	OF 50-99
CK-5787WA	4.90	4.40	3.90	—
5814A	2.40	2.05	1.90	1.64
5814WA	2.40	2.05	1.90	1.64
5823	1.75	1.49	1.39	1.23
5824	3.60	3.11	2.90	2.57
5825	22.90	20.00	17.60	—
CK-5829	4.20	3.97	3.50	—
5840	6.25	5.39	5.03	4.45
CK-5842	7.40	6.45	5.85	—
5844	2.30	1.95	1.82	1.62
5876	10.25	9.31	8.69	7.17
CK-5879	1.95	1.73	1.55	—
CK-5886	5.00	4.76	4.20	—
CK-5889	14.66	13.96	12.31	—
5893	20.75	17.95	16.70	14.80
5896	4.45	3.81		

LAFAYETTE SEMICONDUCTOR SPECIALS

FOR EXPERIMENTER
KIT BUILDER, HOBBYIST

QUALITY SEMICONDUCTORS AT ECONOMY 'PACKAGE' PRICES

4 PNP GERMANIUM TRANSISTORS SP-238



Package of 4 PNP General Purpose Type Transistors similar in performance to: 2N107, 2N218, 2N1265, CK722, GT222, TR722, 2N1191, etc. Shpg. wt., 6 ozs.

40-WATT HIGH POWER TRANSISTOR



Amazing value is this 40-Watt high power PNP germanium transistor! Excellent for experimenter, hobbyist and kit builder for power supplies, auto replacement, audio output, etc. Similar to 2N173, CTP1504, SFT266, etc. Bolt mounted. Shpg. wt., 8 oz.

SP-244

1 TOP HAT SILICON RECTIFIER 750 MII 750 PIV



SP-275

Package of 1 top-hat axial lead silicon rectifier rated 750 milliamps, 750 Peak Inverse Volts. Shpg. wt., 4 oz.

2-10 WATT POWER TRANSISTORS



SP-243

Package of 2 PNP 10 Watt germanium power transistors in popular TO-3 case. Similar to 2N155, 2N176, 2N235, 2N351, 2N242, 2N257, 2N268, 2N301A, 2N255, 2N554, 2N555, etc. Shpg. wt., 8 oz.

per pkg. **.89** ANY 4 ASST. PKGS. **3.09**

STUD MOUNT SILICON RECTIFIER 2 AMPERE 400 PIV



SP-242

Outstanding Buy! 2 amp. 400 Peak Inverse-Volts Silicon Rectifier, stud mounting $\frac{3}{4}$ " long less lug $\frac{3}{16}$ " hex nut. Shpg. wt., 6 oz.

2 PNP GERMANIUM TRANSISTORS AF AMPLIFIERS (Up to 12 Volts)



SP-239

Pkg. of 2 PNP Germanium AF amplifier transistors that replace: 2N133A, 2N138A, 2N138B, 2N151, 2N186A, 2N187A, 2N215, 2N217, 2N319, 2N320, 2N359, 2N360-363, 2N407, 2N408, 2N1008, A. B. GT81R, GT109, 2S56, 2SB38, etc. Shpg. wt., 4 oz.

2 TOP HAT SILICON RECTIFIERS 750 MIL - 400 PIV



SP-241

Pkg. of 2 top hat type silicon rectifiers rated at 750 milliamps, 400 PIV. Shpg. wt., 6 oz.

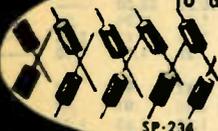
2 GOLD PLATED SILICON RECTIFIERS 500 MIL - 400 PIV



SP-240

Pkg. of 2 miniature size exceptional 24 karat gold plated silicon rectifiers rated at 500 milliamps, 400 PIV. Shpg. wt., 4 oz.

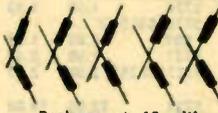
10 GERMANIUM DIODES



SP-234

Pkg of 10 germanium diodes that replace 1N34, 1N34A, 1N46, 1N48, 1N51, 1N60, 1N64, 1N64A, 1N87, 1N105, 1N109, 1N147, 1N267, 1N268, 1N295, etc. Shpg. wt., 6 oz.

10 SILICON DIODES



SP-235

Package of 10 silicon diodes. Replaces 1N34, 1N34A, 1N46, 1N48, 1N51, 1N60, 1N64, 1N87, 1N295, etc. Shpg. wt., 4 oz.

2 NPN TRANSISTORS



SP-219

Package of 2 NPN germanium transistors similar to 2N170 for Audio & RF. Beta 20 minimum.

2 PNP GERMANIUM TRANSISTORS IF AMPLIFIER



SP-238

Pkg. of 2 PNP germanium IF amplifier transistors that replace: 2N111, 2N111A, 2N112A, 2N139, 2N218, 2N409, 2N410, 2N413, 2N413A, 2N414, 2N414A, 2N416, GT760, 2S53, etc. Shpg. wt., 4 oz.

2 PNP TRANSISTORS



SP-237

Mixer/Oscillator Converter - Replaces 2N112, 2N114, 2N135, 2N136, 2N137, 2N140, 2N219, 2N411, 2N412, 2N414B, 2N415, CK760, CK766, 2S52, etc. Shpg. wt., 4 oz.

LAFAYETTE SPECIAL SILICON POWER RECTIFIERS



As low as **.47** EA.

Top hat lead type silicon rectifiers excellent for TV Radio and power supplies as half-wave, full wave rectifiers and voltage doublers.

Type A: 750 Ma, 400 PIV @ 25°C.
500 Ma, 400 PIV @ 90°C.

SP-196 Shpg. wt., 4 oz. Net .57
10 for 5.13; 100 for 47.00

Type B: 750 Ma, 200 PIV @ 25°C.
500 Ma, 200 PIV @ 90°C.

SP-197 Shpg. wt., 4 oz. Net .47
10 for 4.25; 100 for 38.50

POPULAR POWER TRANSISTORS

TESTED TO MEET SPECIFICATIONS MEDIUM POWER TRANSISTORS



As low as **.55** Lots of 100

Beta = 30; BV_{ce} = 36 Volts; Shpg. wt., 12 oz. Similar to: 2N155, 2N176, 2N235, 2N242, 2N255, 2N256, 2N301, 2N307, 2N554, AR-5, CTP-1104, TS-176, etc.

SP-147 Medium Power Transistor Net ea. .65
In Lots of 100, Each Net. .55

HIGH POWER TRANSISTORS

Beta=50; BV_{ce}=36 Volts Min. Shpg. wt., 12 oz. Similar to: 2N157A, 2N176B, 2N235A, B, 2N257, 2N285A, 2N301A, 2N352, 2N399, etc.

SP-277 High Power Transistor Net ea. .69
In lots of 100, Each Net. .59

GENERAL PURPOSE DIODES

EXCELLENT DETECTOR FOR TRANSISTOR AND VACUUM TUBE RADIO RECEIVERS

NOW ONLY



EQUIVALENT TO: IN34, IN34A, IN38A, IN48, IN56, IN69

.10 100 for 8.50

SP-148 General Purpose Diode Net .10 each; 10 for .90

750 MIL 400 PIV EPOXY SILICON RECTIFIER



SP-268

Net. ea. .39; 10 for 3.45; 100 for 29.95

NEW! PHOTO-MULTIPLIER POWER TRANSISTOR

A COMPLETE PHOTOELECTRIC SYSTEM IN ONE UNIT

- PHOTO ELECTRIC CELL
- POWER TRANSISTOR AMPLIFIER
- ELECTRONIC RELAY



179

Complete with Instructions, Data and Diagrams for photo control systems, photo-electronic amplifiers; Relays, Alarms, etc. Shpg. wt., 6 oz.

SP-256 Net 1.79 3 for 4.77

HIGH POWER STUD-MOUNT SILICON RECTIFIERS

12 AMPERE 200 PIV SILICON RECTIFIER

As low as **1.09**

1 1/8" long overall, 3/16" hex. Shpg. wt., 6 oz.

SP-267 Net. ea. 1.09; 10 for 9.80

12 AMPERE 400 PIV SILICON RECTIFIER

1 1/8" long overall, 3/16" hex. Shpg. wt., 6 oz.

SP-268 Net. ea. 1.98; 10 for 17.50

20 AMPERE 400 PIV SILICON RECTIFIER

1 1/2" long overall, 1/4" hex. Shpg. wt., 8 oz.

SP-269 Net. ea. 2.98; 10 for 26.00

50 AMPERE 50 PIV SILICON RECTIFIER

1 1/4" hex. Shpg. wt., 10 oz.

SP-270 Net. ea. 3.50; 10 for 30.00

Reliable Silicon Rectifiers For High Power Applications

PNP AUDIO TRANSISTOR

AS LOW AS **.31**



General audio type PNP transistor for experimenters and hobbyists, for code practice oscillators and similar small signal devices. In new JETC 30 welded case.

Net, singly, each .39
SP-146 10 for 3.69; 50 for 16.95; 100 for 31.00

30 MC HIGH GAIN TRANSISTOR



High Quality PNP RF transistor—Excellent for 27MC Citizens Band Walkie Talkie Transceivers, etc. 30 to 35 MC. Average Beta—25. Shpg. wt., 6 oz.

SP-271 Net. ea. .69; Lots of 10 ea. Net. .62

RECTIFIER MOUNTING KITS

Consist of 2 Mica Washers, 1 plated nut, 1 Teflon Washer, 1 Plated Washer, 1 Connector Lug. Shpg. wt., 4 oz.

SP-272 For 3/16" Hex. Base Net. ea. .17; 10 for 1.59

SP-273 For 1/4" Hex. Base Net. ea. .27; 10 for 2.49

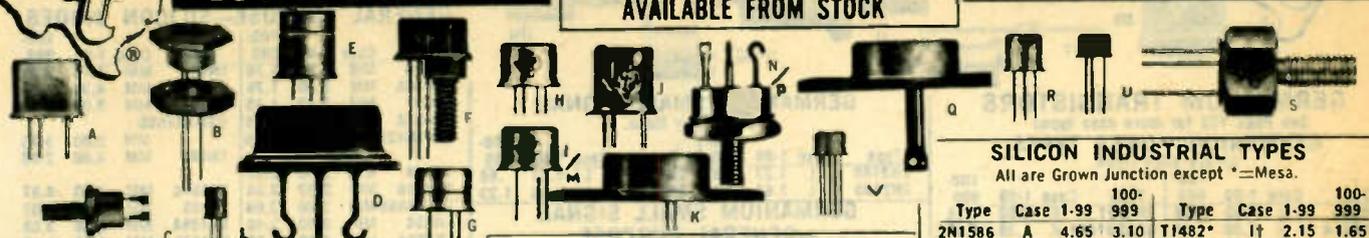
SP-274 For 1/8" Hex. Base Net. ea. .35; 10 for 3.15

TEXAS INSTRUMENTS SEMICONDUCTORS

- LOW OEM PRICES -

MIL SPEC DEVICES IMMEDIATELY AVAILABLE FROM STOCK

- SAME DAY SHIPMENT



SILICON TRANSISTORS

† = Collector in Electrical Contact with Case.
 †† = Emitter in Electrical Contact with Case.
 See illustrations for Case Type.

SILICON SMALL SIGNAL

All are Grown Junction, except * = Mesa, ▲ = Planar

Type	Case	1-99	100-999	Type	Case	1-99	100-999
2N117	A	8.15	9.45	2N734*	R†	8.95	5.95
USN2N117	A	8.45	5.65	2N735*	R†	8.95	5.95
2N118	A	8.15	5.45	2N736*	R†	9.90	6.60
JAN2N118	A	9.15	6.35	2N736A*	R†	9.90	6.60
2N118A	A	8.15	5.45	2N738*	R†	12.50	8.30
2N119	A	11.05	7.35	2N739*	R†	12.50	8.30
USN2N119	A	11.45	7.55	2N740*	R†	12.50	8.30
2N120	A	12.60	8.40	2N760*	R†	8.10	5.40
2N332	I	4.65	3.10	2N760A*	R†	14.95	9.95
USN2N332	I	4.95	3.30	USA2N760A*	R†	16.30	10.87
2N332A	I	4.95	3.30	2N780*	R†	10.95	7.30
2N333	I	4.65	3.10	2N929*	R†	10.90	7.28
USN2N333	I	4.95	3.30	USA2N929*	R†	13.03	8.71
2N333A	I	4.95	3.30	2N930*	R†	15.40	10.30
2N334	I	4.65	3.10	USA2N930*	R†	21.00	14.01
USN2N334	I	4.95	3.30	2N1149	A	8.65	5.75
2N334A	I	4.95	3.30	2N1150	A	8.65	5.75
2N335	I	4.95	3.30	2N1151	A	8.65	5.75
USN2N335	I	5.25	3.50	2N1152	A	11.35	7.55
2N335A	I	5.25	3.50	2N1153	A	13.35	8.90
2N336	I	6.00	4.00	2N1247*	I	13.50	9.00
2N336A	I	6.30	4.20	2N1248*	I	13.50	9.00
2N470	I	3.45	2.30	2N1276	I	3.85	2.55
2N471	I	5.60	3.75	2N1277	I	4.25	2.84
2N472	I	7.45	4.95	2N1278	I	4.75	3.15
2N473	I	3.45	2.50	2N1279	I	5.60	3.70
2N474	I	6.40	4.30	2N1564*	I†	10.35	6.90
2N475	I	7.95	5.30	2N1565*	I†	10.35	6.90
2N476	I	8.80	6.00	2N1566*	I†	10.35	6.90
2N477	I	9.80	6.55	2N1572*	I†	12.60	8.40
2N478	I	3.70	2.80	2N1573*	I†	12.75	8.55
2N479	I	7.10	4.75	2N1574*	I†	13.65	9.15
2N480	I	9.50	6.55	2N2586*▲	R†	22.00	14.70
2N541	I	6.20	4.10				
2N542	I	6.30	4.20				
2N543	I	8.10	5.40				

SWITCHING AND HIGH FREQUENCY

All are Epitaxial Planar except † = Grown Junction;
 †† = Grown Diffused; * = Diffused Mesa; ** = Epitaxial Mesa; ▲ = Epitaxial Planar.

Type	Case	1-99	100-999	Type	Case	1-99	100-999
2N263†	A	17.85	11.90	2N2193	I	9.30	6.20
2N264†	A	11.50	7.65	2N2193A	I	10.80	7.20
2N337†	I	4.85	3.20	2N2194	I	6.75	4.50
USN2N337†	I	5.15	3.40	2N2194A	I	8.25	5.50
2N338†	I	5.50	3.65	2N2217	I	5.85	3.90
USN2N338†	I-3	5.80	3.85	2N2218	I-2†	5.85	3.90
2N702*	R†	7.65	5.10	2N2219	I-2†	6.75	4.50
USA2N702*	R†	7.65	5.10	2N2220	R†	5.85	3.90
2N703*	R†	7.65	5.10	2N2221	R†	5.85	3.90
USA2N703*	R†	7.65	5.10	2N2222	R†	6.75	4.50
2N706	R†	1.57	1.05	2N2243	I-2†	19.40	12.90
USA2N706	R†	1.57	1.05	2N2243A	I-2†	20.90	13.90
JAN2M706M	R†	2.23	1.49	2N2410	I-2†	10.80	7.20
2N706A	R†	1.82	1.21	2N2411	R†	18.00	12.00
2N706B	R†	5.40	3.60	2N2412	R†	22.50	15.00
2N715**	R†	34.65	23.10	2N2413**	R†	11.55	7.70
2N716**	R†	43.10	28.70	2N2692*▲	R†	29.25	19.50
2N726	R†	15.00	10.00	2N2693*▲	R†	18.65	12.45
2N727	R†	16.50	11.00	2N2694*▲	R†	11.05	7.45
2N743	R†	7.65	5.10	3N34††	H	5.00	4.15
2N744	R†	8.25	5.50	3N35††	H	22.50	15.00
2N753	R†	5.65	3.75	JAN3N35††	H	24.38	16.25
2N2192	I	10.50	7.00				
2N2192A	I	12.00	8.00				

SILICON MEDIUM POWER TYPES

All are Planar except † = Grown Junction; * = Mesa; ▲ = Epitaxial Planar.

Type	Case	1-99	100-999	Type	Case	1-99	100-999
2N122†	W	60.00	40.00	2N870	R†	15.45	10.30
2N243†	A	13.75	9.15	2N871	R†	18.45	12.30
2N244†	A	20.45	13.60	2N910	R†	8.40	5.60
2N339†	J††	10.15	6.75	2N911	R†	5.55	3.70
2N340†	J††	10.80	7.20	2N912	R†	6.20	4.15
2N341†	J††	17.50	11.65	2N956	R†	8.45	5.70
2N342†	J††	11.85	7.90	2N1131*	I†	6.00	4.00
2N342†	J††	11.90	7.95	USN2N1131*	I†	6.00	4.00
2N342B†	J††	16.75	11.20	2N1132*	I†	6.00	4.00
2N343†	J††	18.40	12.25	2N1132*	I†	13.02	8.25
JAN2N343†	J††	19.40	13.25	USN2N1132*	I†	13.95	9.30
2N343B†	J††	22.40	14.90	2N1154†	A	12.65	8.40
2N696	I	1.57	1.05	2N1155†	A	13.15	8.80
USA2N696	I†	1.98	1.32	2N1156†	A	17.65	11.75
JAN2N696M	I†	1.98	1.32	2N1252*▲	I†	7.00	4.65
2N697	I†	2.06	1.38	2N1253*▲	I†	11.95	7.95
USA2N697	I†	2.06	1.38	2N1420	I†	6.00	4.00
JAN2N697M	I†	2.48	1.65	2N1507	I†	6.00	4.00
2N698	I†	2.89	1.93	2N1613	I†	3.71	2.48
2N699	I†	2.89	1.93	USN2N1613	I†	7.00	4.68
2N717	R†	1.87	1.25	2N1711	I†	4.54	3.03
2N718	R†	2.36	1.58	USN2N1711	I†	12.50	8.30
2N718A	R†	7.31	4.88	2N1889	I†	15.45	10.30
USN2N718A	R†	14.50	9.70	2N1890	I†	18.45	12.30
2N719	R†	5.25	3.50	USN2N1890	I†	20.30	13.55
2N719A	R†	5.55	3.70	2N1893	I†	9.85	6.55
2N720	R†	5.25	3.50	USN2N1893	I†	9.85	6.55
2N720A	R†	10.90	8.05	2N1973	I†	10.50	7.00
2N721*	R†	6.82	4.55	2N1974	I†	7.90	5.25
2N722*	R†	20.90	15.65	2N1975	I†	6.20	4.15
2N730	R†	1.87	1.25				
2N731	R†	2.36	1.58				

SILICON POWER TYPES

All are Diffused Mesa.

Type	Case	1-99	100-999	Type	Case	1-99	100-999
2N389	D†	42.00	28.00	2N1048	F†	32.95	21.95
USN2N389	D†	43.35	28.90	2N1048A	F†	32.95	21.95
2N424	D†	33.00	22.00	2N1048B	F†	36.35	25.55
USN2N424	D†	34.35	22.90	2N1049	F†	29.95	19.95
2N947	I†	8.85	5.90	2N1049A	F†	29.95	19.95
USN2N947	I†	9.30	6.20	2N1049B	F†	33.75	22.50
JAN2N947	I†	9.30	6.20	2N1050	F†	41.85	27.90
2N497A	I†	8.95	5.95	2N1050A	F†	41.85	27.90
2N498	I†	11.35	7.55	2N1050B	F†	47.05	31.35
USN2N498	I†	11.80	7.85	2N1690	F†	28.10	18.70
2N498A	I†	11.45	7.60	2N1691	F†	40.80	27.20
2N656	I†	9.85	6.55	2N1714	G†	17.10	11.40
JAN2N656	I†	10.30	6.85	2N1715	G†	22.95	15.30
2N656A	I†	9.95	6.60	2N1716	G†	19.45	12.95
USN2N656	I†	10.30	6.85	2N1717	G†	25.50	17.00
2N657	I†	10.05	6.70	2N1718	S†	17.95	11.95
JAN2N657	I†	10.50	7.00	2N1719	S†	23.75	15.85
2N657A	I†	10.15	6.75	2N1720	S†	20.25	13.50
USN2N657	I†	10.50	7.00	2N1721	S†	26.40	17.60
2N1047	F†	25.35	16.90	2N1722	D†	67.25	44.75
2N1047A	F†	25.35	16.90	2N1724	N†	69.00	46.00
2N1047B	F†	25.95	17.30	2N1936	P†	112.00	88.00
				2N1937	P†	150.00	115.00
				2N2150	T†	35.85	23.90
				2N2151	T†	39.75	26.50

SILICON DIFFERENTIAL AMPLIFIER

All are Planar

Type	Case	1-99	100-999	Type	Case	1-99	100-999
2N2060	V	60.00	40.20	2N2641	V	21.80	14.55
2N2223	V	25.95	17.40	2N2642	V	67.50	45.00
2N2223A	V	34.25	23.00	2N2643	V	52.50	35.00
2N2639	V	51.00	34.00	2N2644	V	30.80	20.55
2N2640	V	34.50	23.00				

SILICON INDUSTRIAL TYPES

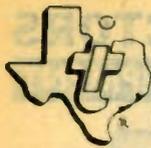
All are Grown Junction except * = Mesa.

Type	Case	1-99	100-999	Type	Case	1-99	100-999
2N1586	A	4.65	3.10	T1482*	I†	2.15	1.65
2N1587	A	4.50	3.00	T1483*	I†	2.40	1.85
2N1588	A	6.15	4.10	T1484*	I†	2.95	2.25
2N1589	A	4.90	3.25	T1485*	R†	3.25	2.50
2N1590	A	5.25	3.50	T1486*	G†	5.00	3.85
2N1591	A	6.30	4.20	T1487*	S	5.65	4.35
2N1592	A	7.75	5.15	T1492	I	1.55	1.20
2N1593	A	9.05	6.05	T1493	I	1.90	1.45
2N1594	A	10.30	6.85	T1494	I	2.50	1.90
T1489	J	1.55	1.20	T1495	I	3.00	2.30
T1481	J	1.90	1.45	T1496	J	1.75	1.35

SILICON UNIUNION TYPES

All are Grown Junction

Type	Case	1-99	100-999	Type	Case	1-99	100-999
2N849	U	7.10	4.75	2N492A	U	10.40	6.95
AF2N489	U	7.85	5.25	2N492B	U	11.90	7.95
2N498A	U	7.65	5.10	2N493	U	10.75	7.20
2N498B	U	9.15	6.10	AF2N493	U	11.40	7.60
2N490	U	7.80	5.20	2N493A	U	11.20	7.50
AF2N490	U	8.55	5.70	2N493B	U	12.75	8.50



TI SEMICONDUCTORS



GERMANIUM TRANSISTORS

See Page 123 for more case types

GERMANIUM POWER TYPES

All are alloy types.

Type	Case	1-99	100-999	Type	Case	1-99	100-999
2N250	K	1.90	1.25	2N1021	K	6.20	4.75
2N250A	K	2.00	1.30	USA2N1021	K	7.35	4.90
2N251	K	2.25	1.50	2N1021A	K	6.30	4.20
2N251A	K	2.35	1.55	2N1022	K	9.75	6.50
2N456A	K	2.60	1.75	USA2N1022	K	10.90	7.35
USA2N456A	K	3.75	2.50	2N1022A	K	9.85	6.55
2N456B	K	2.70	1.80	2N1038	E	2.85	1.90
2N457A	K	3.30	2.20	2N1039	E	3.75	2.50
USA2N457A	K	4.45	2.95	USN2N1039	E	4.50	3.00
2N457B	K	3.40	2.25	2N1040	E	11.25	7.50
2N458A	K	4.70	3.15	2N1041	E	15.75	10.50
USA2N458A	K	5.85	3.90	USN2N1041	E	16.50	11.00
2N458B	K	4.80	3.20	2N1042	B	5.25	3.50
2N511	Q	4.50	3.00	USA2N1042	B	6.00	4.00
2N511A	Q	5.25	3.50	2N1043	B	9.00	6.00
2N511B	Q	6.45	4.30	USA2N1043	B	9.75	8.50
2N512	Q	5.25	3.50	2N1044	B	13.50	9.00
2N512A	Q	8.00	4.00	USA2N1044	B	14.25	9.50
2N512B	Q	7.95	5.30	2N1045	B	18.00	12.00
2N513	Q	6.00	4.00	USA2N1045	B	18.75	12.50
2N513A	Q	6.65	4.45	2N1539	K	2.10	1.40
2N513B	Q	8.70	5.80	2N1540	K	2.15	1.44
2N514	Q	8.25	5.50	2N1541	K	3.75	2.50
2N514A	Q	8.40	5.60	2N1542	K	4.80	3.20
2N514B	Q	12.00	8.00	2N1543	K	10.40	6.95

GERMANIUM SMALL SIGNAL

All are Alloy Mesa.

Type	Case	1-99	100-999	Type	Case	1-99	100-999
2N2188	L	1.27	.85	2N2190	L	1.47	.98
2N2189	L	1.64	1.09	2N2191	L	1.86	1.23

GERMANIUM SMALL SIGNAL - GENERAL PURPOSE

All are Alloy-type.

Type	Case	1-99	100-999	Type	Case	1-99	100-999
TI-376	L	.74	.49	2N1370	I	.72	.48
TI-377	L	.70	.47	2N1371	I	1.14	.76
TI-320	L	1.50	1.00	2N1372	I	.82	.54
TI-321	L	1.65	1.10	2N1373	I	1.20	.80
2N650A	I	1.70	1.13	2N1374	I	1.02	.88
2N651A	I	1.70	1.13	2N1375	I	1.39	.92
2N652A	I	2.25	1.50	2N1376	I	1.29	.86
2N658	I	1.65	1.10	2N1377	I	1.50	1.00
2N659	I	2.32	1.55	2N1378	I	1.29	.86
2N660	I	2.78	1.85	2N1379	I	1.44	.96
2N661	I	4.05	2.70	2N1380	I	.67	.44
2N662	I	1.92	1.15	2N1381	I	.72	.48
2N1273	I	.67	.44	2N1382	I	.99	.66
2N1274	I	.69	.46	2N1383	I	.92	.61

GERMANIUM HIGH FREQUENCY

All are Alloy Diffused.

Type	Case	1-99	100-999	Type	Case	1-99	100-999
2N1046	K	10.00	6.70	2N1907	K	5.00	6.00
2N1046A	K	18.35	12.25	2N1908	K	13.00	8.70
2N1046B	K	25.00	16.70				

SILICON COMPUTER DIODES

Type	Case	1-99	100-999	Type	Case	1-99	100-999
JAN1N251	MM	1.52	1.07	UG1N915	MM	4.05	3.03
2N388	MM	.60	.40	1N916	MM	3.20	2.60
2N388A	MM	1.10	.73	UG1N916	MM	3.20	2.60
USN2N388	MM	.61	.41	1N916A	MM	3.80	3.15
2N395	I	.50	.33	UG1N916A	MM	3.80	3.15
2N396	I	.61	.41	1N916B	MM	4.76	3.80
2N397	I	1.12	.74	UG1N916B	MM	4.76	3.80
2N404	I	.50	.33	1N917	MM	4.65	3.74
2N404A	I	.85	.57	UG1N917	MM	4.65	3.74
USAF2N404	I	.50	.33	1N3064	MM	3.55	2.80
2N426	I	.72	.48	USN1N3064	MM	3.55	2.80
2N427	I	.92	.61	1N3593	FF	3.00	2.22
2N428	I	1.24	.82	TI-6	FF	.56	.44
2N508	I	.92	.61	TI-71	MM	.76	.65
2N524	I	1.35	.90	TI-72	MM	.87	.74
2N525	I	1.85	1.10	1N660	MM	1.30	.80
2N526	I	1.65	1.10	UG1N660	MM	1.30	.80
2N527	I	1.91	1.27	1N661	MM	1.95	1.32
2N594††	I	2.78	1.83	1N662	MM	1.14	.80
2N595††	I	4.26	2.83	UG1N662	MM	1.14	.80
2N596	I	5.66	3.76	USA1N662	MM	1.14	.80
2N705*	R†	2.48	1.65	1N663	MM	1.54	1.13
USN2N705*	R†	3.00	2.00	USA1N663	MM	1.54	1.13
2N710*	R†	2.48	1.65	1N914	MM	1.54	1.13
2N711*	R†	1.45	.97	USN1N914	MM	2.40	1.90
2N711A*	R†	1.45	.97	1N914A	MM	3.20	2.19
2N711B*	R†	1.56	1.02	1N914B	MM	3.20	2.19
2N797*	R†	4.58	3.05	1N915	MM	4.85	3.26
2N960**	R†	3.85	2.56	1N915	MM	4.05	3.03
2N961**	R†	3.15	2.10	2N1997	I	1.98	1.31
2N962**	R†	2.40	1.60	2N1998	I	2.55	1.70
2N964**	R†	4.11	2.74	2N1999	I	3.45	2.29
2N965**	R†	3.75	2.50	2N2000	I	3.00	2.00
2N966**	R†	2.85	1.90	2N2635**	R†	1.75	1.15
2N985**	R†	4.11	2.74	2N2001†	I	2.75	1.83
2N1300A	I	1.82	1.21	2N2173*	I	8.25	5.50
2N1301A	I	2.48	1.65				

HIGH COND. G.P. SILICON DIODES

Type	Case	1-99	100-999	Type	Case	1-99	100-999
1N845	MM	1.50	.99	AF1N647	MM	3.25	1.56
1N645A	MM	3.63	2.66	1N648	MM	3.70	2.08
AF1N645	MM	1.55	1.00	AF1N648	MM	3.95	2.28
1N646	MM	2.00	1.10	1N649	MM	4.20	2.72
AF1N646	MM	2.25	1.21	AF1N649	MM	4.60	3.05
1N647	MM	3.00	1.38				

SILICON RECTIFIERS - ECONOMY PACKAGE

Type	Case	Vr (max.)	25°C	100°C	Net	Each
1N2069	GG	200	750	500	.76	.51
1N2070	GG	400	750	500	.96	.84
1N2071	GG	600	750	500	1.49	.99

GENERAL PURPOSE - SILICON DIODES

Type	Case	1-99	100-999	Type	Case	1-99	100-999
1N456	MM	2.20	1.76	1N486	MM	3.15	2.23
1N456A	MM	2.20	1.76	1N486A	MM	4.30	3.04
1N457	MM	2.40	1.85	1N486B	MM	5.00	3.75
1N457A	MM	2.40	1.85	USN1N486B	MM	5.00	3.75
JAN1N457	MM	2.40	1.85	1N487	MM	4.00	2.85
1N458	MM	2.60	2.08	1N487A	MM	6.60	4.67
1N458A	MM	2.92	2.34	1N488	MM	5.05	3.57
JAN1N458	MM	2.60	2.08	1N488A	MM	8.00	5.68
1N459	MM	3.00	2.40	1N3575	MM	1.75	1.45
1N459A	MM	4.20	3.35	1N3576	MM	2.15	1.79
JAN1N459	MM	3.00	2.40	1N3577	MM	2.30	1.87
1N461	MM	1.15	.90	1N3578	MM	2.73	2.22
1N461A	MM	1.15	.90	1N3579	MM	3.00	2.31
1N462	MM	1.82	1.31	600	NN	1.94	1.58
1N463	MM	1.95	1.49	601	NN	3.60	2.94
1N464	MM	1.85	1.40	604	NN	3.25	2.66
1N482	MM	1.60	1.19	606	NN	3.25	2.66
1N482A	MM	2.00	1.60	608	NN	3.25	2.66
1N482B	MM	2.20	1.78	610	NN	3.30	2.70
1N483	MM	2.00	1.60	612	NN	3.40	2.78
1N483A	MM	2.12	1.70	614	NN	3.50	2.86
1N483B	MM	2.60	1.90	616	NN	3.60	2.94
USN1N483B	MM	2.60	1.90	618	NN	3.60	2.94
1N484	MM	2.35	1.90	620	NN	3.65	2.99
1N484A	MM	2.52	2.02	622	NN	3.70	3.03
1N484B	MM	2.92	2.34	624	NN	3.75	3.07
1N485	MM	2.55	1.95	G-01	MM	.85	.66
1N485A	MM	3.60	2.54	G-02	MM	.73	.56
1N485B	MM	4.20	3.35	G-222	MM	.75	.69
USN1N485B	MM	4.20	3.35	G-296	MM	.85	.70

VOLTAGE REGULATOR DIODES

Type	Case	1-99	100-999	Type	Case	1-99	100-999
1N703	MM	2.10	1.60	1N756A	MM	2.80	2.10
1N705A	MM	2.80	2.10	USN1N756A	MM	2.80	2.10
1N707	MM	2.10	1.60				
1N708A	MM	2.80	2.10	1N757	MM	2.95	2.25
1N712A	MM	2.80	2.10	1N757A	MM	2.80	2.10
1N746	MM	2.10	1.60	1N758	MM	2.10	1.60
1N746A	MM	2.80	2.10	1N758A	MM	2.80	2.10
1N747	MM	2.10	1.60	1N759	MM	2.10	1.60
1N747A	MM	2.80	2.10	1N759A	MM	2.80	2.10
1N748	MM	2.10	1.60	1N767	MM	2.10	1.60
1N748A	MM	2.80	2.10	1N763	MM	2.10	1.60
1N749	MM	2.10	1.60	650	NN	4.35	3.65
1N749A	MM	2.80	2.10	651	NN	4.35	3.65
USN1N749A	MM	2.80	2.10	652	NN	4.35	3.65
1N750	MM	2.95	2.25	653	NN	4.35	3.65
1N750A	MM	2.10	1.60	650C0	NN	4.85	4.15
USN1N750A	MM	2.80	2.10	650C3	NN	4.85	4.15
1N751	MM	2.95	2.25	651C0	NN	4.85	4.15
1N751A	MM	2.10	1.60	651C1	NN	4.85	4.15
USN1N751A	MM	2.80	2.10	651C4	NN	4.85	4.15
1N752	MM	2.95	2.25	651C5	NN	4.85	4.15
1N752A	MM	2.10	1.60	651C7	NN	4.85	4.15
USN1N752A	MM	2.80	2.10	651C9	NN	4.85	4.15
1N753	MM	2.95	2.25	652C0	NN	4.85	4.15
1N753A							



TEXAS INSTRUMENTS Diodes and Rectifiers



SEMICONDUCTORS

TI SILICON CONTROLLED RECTIFIERS

Type	Case	1-99	100-999	Type	Case	1-99	100-999
2N681	00	8.65	5.75	2N1603	AA	16.50	11.00
2N681A	00	8.65	5.75	2N1604	AA	21.00	14.00
2N682	00	9.40	5.75	2N1770	AA	5.55	3.70
2N682A	00	9.40	5.75	2N1771	AA	6.00	4.00
2N683	00	10.50	7.00	2N1772	AA	7.50	5.00
2N683A	00	10.50	7.00	2N1773	AA	9.75	6.50
2N684	00	12.75	8.50	2N1774	AA	12.00	8.00
2N684A	00	12.75	8.50	2N1775	AA	14.25	9.50
2N685	00	15.00	10.00	2N1776	AA	16.50	11.00
2N685A	00	15.00	10.00	2N1777	AA	21.00	14.00
2N686	00	18.00	12.00	2N1842B	00	7.75	5.15
2N686A	00	18.00	12.00	2N1843B	00	8.50	5.65
2N687	00	21.00	14.00	2N1844B	00	9.45	6.30
2N687A	00	21.00	14.00	2N1845B	00	11.50	7.65
2N688	00	26.25	17.50	2N1846B	00	13.50	9.00
2N688A	00	26.25	17.50	2N1847B	00	16.15	10.75
2N689	00	31.90	21.25	2N1848B	00	18.75	12.50
2N689A	00	31.90	21.25	2N1849B	00	23.65	15.75
2N1595	I	3.75	2.50	2N1850B	00	27.00	18.00
2N1596	I	6.00	4.00	2N1929	RR	6.15	4.10
2N1597	I	11.25	7.50	2N1930	RR	7.65	5.10
2N1598	I	22.00	14.85	2N1931	RR	10.85	7.10
2N1599	I	31.00	20.75	2N1932	RR	13.25	8.80
2N1600	AA	6.00	4.00	2N1933	RR	15.00	10.00
2N1601	AA	7.50	5.00	2N1934	RR	18.00	12.00
2N1602	AA	12.00	8.00	2N1935	RR	22.00	14.65

TI SILICON POWER REGULATOR-SINGLE ANODE

Types are Anode to stud configuration. For Cathode to stud add suffix "R" to type no. (i.e., 1N2970R.) Suffix "A" = $\pm 10\%$ tolerance and "B" = $\pm 5\%$ tolerance. ALL CASE II

Type	1-24	25-99	100-999	Type	1-24	25-99	100-999
1N2970	5.85	5.50	4.40	1N3004	5.85	5.50	4.40
1N2971	5.85	5.50	4.40	1N3005	5.85	5.50	4.40
1N2972	5.85	5.50	4.40	1N3007	6.45	6.05	4.85
1N2973	5.85	5.50	4.40	1N3008	6.45	6.05	4.85
1N2974	5.85	5.50	4.40	1N3009	6.45	6.05	4.85
1N2975	5.85	5.50	4.40	1N3011	6.45	6.05	4.85
1N2976	5.85	5.50	4.40	1N3012	6.45	6.05	4.85
1N2977	5.85	5.50	4.40	1N3014	6.45	6.05	4.85
1N2979	5.85	5.50	4.40	1N3015	6.45	6.05	4.85
1N2980	5.85	5.50	4.40	1N2970A	7.20	6.75	5.40
1N2982	5.85	5.50	4.40	thru			
1N2984	5.85	5.50	4.40	1N3011A	7.20	6.75	5.40
1N2985	5.85	5.50	4.40	1N2970B	9.30	8.75	7.00
1N2986	5.85	5.50	4.40	thru			
1N2988	5.85	5.50	4.40	1N3011B	9.30	8.75	7.00
1N2989	5.85	5.50	4.40	1N3012A	9.80	9.20	7.35
1N2990	5.85	5.50	4.40	thru			
1N2991	5.85	5.50	4.40	1N3015A	9.80	9.20	7.35
1N2992	5.85	5.50	4.40	1N3012B	14.80	14.00	11.10
1N2993	5.85	5.50	4.40	thru			
1N2995	5.85	5.50	4.40	1N3015B	14.80	14.00	11.10
1N2997	5.85	5.50	4.40				
1N2999	5.85	5.50	4.40				
1N3000	5.85	5.50	4.40				
1N3001	5.85	6.50	4.40				
1N3002	5.85	5.50	4.40				
1N3003	5.85	5.50	4.40				

TI DIFFUSED SILICON 1 WATT REGULATORS

Tolerance $\pm 20\%$; Types with suffix A = $\pm 10\%$, B = $\pm 5\%$. ALL CASE HH

Type	1-99	100-999	Type	1-99	100-999
1N3016	2.95	2.20	1N3046	3.55	2.65
1N3017	2.95	2.20	1N3047	3.55	2.65
1N3018	2.95	2.20	1N3048	3.55	2.65
1N3019	2.95	2.20	1N3049	3.55	2.65
1N3020	2.95	2.20	1N3050	3.55	2.65
1N3021	2.95	2.20	1N3051	3.55	2.65
1N3022	2.95	2.20			
1N3023	2.95	2.20	1N3016A	3.25	2.45
1N3024	2.95	2.20	thru		
1N3025	2.95	2.20	1N3044A	3.25	2.45
1N3026	2.95	2.20			
1N3027	2.95	2.20			
1N3028	2.95	2.20	1N3016B	3.85	2.90
1N3029	2.95	2.20	thru		
1N3030	2.95	2.20	1N3030B	3.85	2.90
1N3031	2.95	2.20			
1N3032	2.95	2.20			
1N3033	2.95	2.20	1N3031B	4.70	3.50
1N3034	2.95	2.20	thru		
1N3035	2.95	2.20	1N3044B	4.70	3.50
1N3036	2.95	2.20			
1N3037	2.95	2.20			
1N3038	2.95	2.20	1N3045A	5.20	3.90
1N3039	2.95	2.20	thru		
1N3040	2.95	2.20	1N3051A	5.20	3.90
1N3041	2.95	2.20			
1N3042	2.95	2.20			
1N3043	2.95	2.20	1N3045B	7.85	5.90
1N3044	2.95	2.20	thru		
1N3045	3.55	2.65	1N3051B	7.85	5.90

TI GENERAL PURPOSE-SILICON RECTIFIERS

Type	Case	1-99	100-999	Type	Case	1-99	100-999
1N253*	II	1.19	.79	1N608A*	II	1.29	.86
JAN1N253	II	1.28	.85	1N609*	II	1.22	.81
1N254*	II	1.25	.83	1N609A*	II	1.34	.89
JAN1N254	II	1.34	.89	1N610*	II	1.25	.83
1N255*	II	1.97	1.31	1N610A*	II	1.47	.92
JAN1N255	II	2.06	1.37	1N611*	II	1.58	1.05
1N256*	II	2.85	1.90	1N611A*	II	1.77	1.18
JAN1N256	II	2.94	1.96	1N612*	II	1.97	1.31
1N332*	II	1.97	1.31	1N612A*	II	2.16	1.44
1N333*	II	1.97	1.31	1N613*	II	1.97	1.31
1N334*	II	1.58	1.05	1N613A*	II	2.16	1.44
1N335*	II	1.58	1.05	1N614*	II	2.85	1.90
1N336*	II	1.25	.83	1N614A*	II	3.15	2.10
1N337*	II	1.25	.83	1N1095	JJ	9.8	.65
1N338*	II	2.10	1.40	1N1096	JJ	1.43	.95
1N339*	II	1.19	.79	1N1100	JJ	.92	.61
1N340*	II	1.19	.79	1N1101	JJ	1.13	.75
1N341*	II	1.97	1.31	1N1102	JJ	1.46	.97
1N342*	II	1.97	1.31	1N1103	JJ	2.13	1.42
1N343*	II	1.58	1.05	1N1104	JJ	3.30	2.10
1N344*	II	1.58	1.05	1N1105	JJ	3.60	2.40
1N345*	II	1.25	.83	1N1115*	II	1.19	.75
1N346*	II	1.25	.83	1N1116*	II	1.25	.83
1N347*	II	2.00	1.30	1N1117*	II	1.58	1.05
1N348*	II	1.19	.79	1N1118*	II	1.97	1.31
1N349*	II	1.19	.79	1N1119*	II	1.97	1.31
1N440B	JJ	.83	.55	1N1120*	II	2.85	1.90
1N441B	JJ	.86	.57	1N1124*	II	2.70	2.21
1N442B	JJ	.99	.66	1N1125*	II	3.38	2.76
1N443B	JJ	1.24	.83	1N1126*	II	4.73	3.87
1N444B	JJ	1.40	.94	1N1127*	II	6.76	5.56
1N445B	JJ	1.82	1.21	1N1128*	II	8.32	6.80
1N530	JJ	.68	.43	1N1124A	II	2.70	2.21
1N531	JJ	.85	.55	USN1N124A	II	3.58	2.92
1N532	JJ	1.00	.70	USN1N124AM	II	3.58	2.92
1N533	JJ	1.20	.80	1N1125A	II	3.38	2.76
1N534	JJ	1.25	.84	1N1126A	II	4.73	3.87
1N535	JJ	2.40	1.60	USN1N1126A	II	6.26	5.13
1N536	JJ	.53	.35	1N1127A	II	6.76	5.56
1N537	JJ	.60	.40	1N1128A	II	8.32	6.80
1N538	JJ	.68	.45	USN1N1128A	II	11.01	8.99
JAN1N538	JJ	.75	.50	1N1127A	II	6.26	5.13
JAN1N538M	JJ	.75	.50	1N1128A	II	6.76	5.56
1N539	JJ	.83	.55	1N1128A	II	8.32	6.80
1N540	JJ	.98	.65	USN1N1128A	II	11.01	8.99
JAN1N540	JJ	1.05	.70	1N1130	KK	6.22	4.15
JAN1N540M	JJ	1.05	.70	USA1N1130	II	7.03	4.69
1N547	JJ	1.43	.95	1N1131	KK	6.22	4.15
JAN1N547	JJ	1.52	1.01	USA1N1131	II	7.03	4.69
JAN1N547M	JJ	1.52	1.01	1N1487	JJ	.69	.46
1N550*	II	1.29	.86	1N1488	JJ	.81	.54
1N551*	II	1.38	.92	1N1489	JJ	1.04	.69
1N552*	II	1.77	1.18	1N1490	JJ	1.19	.79
1N553*	II	2.16	1.44	1N1491	JJ	1.19	.79
1N554*	II	2.16	1.44	1N1492	JJ	2.00	1.33
1N555*	II	3.15	2.10	1N1581	II	2.45	1.85
1N570	BB	32.20	24.60	1N1582	II	3.50	2.65
1N588	LL	8.10	5.40	1N1583	II	4.45	3.35
1N589	LL	11.20	7.60	1N1584	II	7.25	5.45
1N599	JJ	.74	.49	1N1585	II	9.95	7.50
1N599A	JJ	1.31	.87	1N1586	II	12.75	9.60
1N600	JJ	.92	.61	1N1587	II	15.50	11.65
1N600A	JJ	1.46	.97	1N1612	II	2.45	1.85
1N601	JJ	.98	.65	1N1613	II	3.50	2.65
1N601A	JJ	1.59	1.06	1N1614	II	5.84	3.89
1N602	JJ	1.05	.70	1N1615*	II	8.34	5.55
1N602A	JJ	1.68	1.12	1N1616*	II	12.75	8.50
1N603	JJ	1.37	.91	1N1692	JJ	.63	.39
1N603A	JJ	2.07	1.38	1N1693	JJ	.78	.51
1N604	JJ	1.86	1.24	1N1694	JJ	.95	.63
1N604A	JJ	2.52	1.68	1N1695	JJ	1.02	.68
1N605	JJ	1.97	1.31	1N1696	JJ	1.02	.68
1N605A	JJ	2.59	1.79	1N1697	JJ	1.79	1.19
1N606	JJ	2.22	1.48	1N2117	JJ	9.95	6.25
1N606A	JJ	3.50	2.33	1N3775*	II	6.39	4.26
1N607*	II	1.14	.76				
1N607A*	II	1.25	.83				
1N608*	II	1.19	.79				



PHILCO SEMICONDUCTORS PHILCO



Explanation of Symbols: LFC—Low Frequency Communications (small signal amplifiers); MFC—Medium Frequency Communications (Below 3 MC); HFC—High Frequency Communications (3 to 30 MC); VHFC—Very High Frequency Communications (30 to 300 MC); UHFC—Ultra High Frequency Communications

(100 to 500 MC); GP—General Purpose; LSSW—Low Speed Switching; MSSW—Medium Speed Switching (Below 5 MC); HSSW—High Speed Switching (Above 5 MC); HCSW—High Current Switching; CH—Chopper; C—Control; VA—Video Amplifier.

PHILCO GERMANIUM TRANSISTORS

All are MADT family except * = MAT; † = SBT; # = Power Amp; ‡ = Alloy Junction; ** = Epitaxial Mesa; • = MIL Type; † = MFS

TYPE	USE	NET EACH 100-999	TYPE	USE	NET EACH 100-999	TYPE	USE	NET EACH 100-999	TYPE	USE	NET EACH 100-999
2N128†	HFC	6.30 4.62	2N597†	LSSW	2.63 1.93	2N1499A	HSSW	1.43 1.05	2N2402		2.25 1.60
2N128†	HFC	6.68 4.90	2N598†	LSSW	2.55 1.87	2N1499A	HSSW	1.73 1.27	2N2699		2.93 1.95
2N207†	LFC	1.95 1.43	2N598†	LSSW	3.08 2.26	2N1500•	HSSW	6.38 4.68	T0037-A02†		.75 .55
2N207†	LFC	2.10 1.54	2N599†	LSSW	3.08 2.26	2N1500•		7.35 5.35	T0074†		5.25 3.85
2N207B†	LFC	2.25 1.65	2N599†	LSSW	3.90 2.86	2N1726	MFC	1.05 .77	T1324†		1.28 .94
2N223†	LFC	1.08 .80	2N600†	LSSW	3.45 2.53	2N1727	MFC	.98 .72	T1359†		1.13 .83
2N224†	GP	1.10 .81	2N600†	MSSW	3.98 2.92	2N1728	MFC	1.02 .75	T1360†		.98 .72
2N225†	GP	2.20 1.61	2N601†	MSSW	3.83 2.81	2N1742	UHFC	2.93 2.15	T1361†		1.05 .77
2N226†	GP	1.02 .75	2N670†	GP	3.38 2.48	2N1743	UHFC	2.87 2.11	T1760		7.13 5.23
2N227†	GP	2.04 1.50	2N671†	GP	4.13 3.03	2N1744	UHFC	2.25 1.65	T1796†		4.88 3.58
2N232†	MFC	1.05 .77	2N672†	HCSW	3.38 2.48	2N1745	VHFC	1.80 1.32	T1826*		1.80 1.32
2N240†	MSSW	5.63 4.13	2N673†	HCSW	4.13 3.03	2N1746	HFC	.90 .66	T1905		2.93 2.15
2N240†	MSSW	5.93 4.35	2N674†	GP	4.08 3.08	2N1747	HFC	.98 .72	T1943†		2.40 1.76
2N317A†	MFC	4.05 2.97	2N675†	GP	5.78 4.24	2N1748	VA	1.05 .77	T1960		1.47 1.08
2N344†	HFC	3.45 2.53	2N768	HSSW	5.85 4.29	2N1748A	VA	1.13 .83	T2028	UHFC	4.50 3.30
2N345†	HFC	4.35 3.19	2N769	HSSW	6.75 4.95	2N1749	VA	1.43 1.05	T2029	UHFC	3.30 2.42
2N346†	HFC	5.85 4.29	2N779	HSSW	5.63 4.13	2N1750†	MFC	1.17 .86	T2030	UHFC	2.25 1.65
2N386#	GP	6.75 4.95	2N779A	HSSW	3.53 2.59	2N1752	MFC	.90 .66	T2038		1.50 1.10
2N387#	GP	9.75 7.15	2N846	HSSW	5.40 3.96	2N1754	HSSW	1.35 .99	T2039		1.50 1.10
2N393*	MSSW	4.35 3.19	2N846A	HSSW	5.40 3.96	2N1785	MFC	.90 .66	T2040		1.05 .77
2N393*	MSSW	4.73 3.45	2N976		4.35 3.19	2N1786	MFC	.83 .61	T2122		4.20 3.08
2N395†	MFC	.93 .69	2N977		7.43 5.45	2N1787	MFC	.90 .66	T2157		2.25 1.65
2N396A†	MFC	1.50 1.10	2N1122*	MSSW	5.48 4.00	2N1788	MFC	1.20 .88	T2158		2.63 1.93
2N404†	MFC	.74 .54	2N1122A	MSSW	6.75 4.95	2N1789	MFC	1.13 .83	T2160		12.53 9.19
2N404†	MFC	.94 .62	2N1123†	LSSW	3.30 2.42	2N1790	MFC	1.17 .86	T2176		2.99 2.19
2N428†	MFC	2.33 1.71	2N1124†	LFC	1.95 1.43	2N1864	MFC	1.05 .77	T2250†		3.08 2.26
2N428†	MFC	2.93 1.95	2N1125†	GP	2.85 2.09	2N1865	HFC	1.05 .77	T2255†	VA	3.45 2.53
2N499	VHFC	3.96 2.90	2N1128†	LFC	1.43 1.05	2N1866	HFC	1.13 .83	T2352		4.35 3.19
2N499	VHFC	4.20 3.05	2N1129†	GP	1.65 1.21	2N1867	HFC	1.10 .81	T2364		5.25 3.85
2N499A	VHFC	5.18 3.80	2N1130†	GP	1.43 1.05	2N1868	VHFC	1.88 1.38	T2379		1.79 1.31
2N501	HSSW	6.38 4.65	2N1158	VHFC	5.25 3.85	2N2048	VHFC	1.80 1.32	T2384		1.17 .86
2N501A	HSSW	7.35 5.35	2N1158A	VHFC	7.13 5.23	2N2180*		4.73 3.47	T2399		1.49 1.09
2N502	VHFC	2.93 2.15	2N1204	HCSW	6.38 4.68	2N2360	UHFC	2.63 1.93	T2400		1.32 .97
2N502A	VHFC	3.75 2.75	2N1204A	HSSW	6.38 4.68	2N2362	UHFC	2.10 1.54	T2444	HSSW	3.90 2.86
2N503	VHFC	2.25 1.65	2N1411*	MSSW	3.74 2.74	2N2374†	LFC	.98 .72	T2500	HCSW	4.05 2.97
2N504	VHFC	3.45 2.53	2N1416†		2.16 1.59	2N2375†	LFC	.83 .61	T2590		1.17 .86
2N534†	LFC	2.33 1.71	2N1427*	MSSW	4.58 3.36	2N2376†	LFC	1.85 1.21	T3005†		3.08 2.26
2N535†	LFC	2.78 2.04	2N1478†	LSSW	1.43 1.05	2N2398	UHFC	3.75 2.75			
2N535A†	LFC	3.00 2.20	2N1494	HCSW	6.83 5.01	2N2399	UHFC	3.30 2.42			
2N535B†	LFC	3.38 2.48	2N1494A		6.83 5.01	2N2400		1.28 .94			
2N536†	LFC	3.38 2.48	2N1495	HCSW	7.35 5.39	2N2401		1.43 1.05			
2N588	HFC	1.43 1.05	2N1496	HCSW	7.80 5.72						

PHILCO MICROWAVE DIODES

All are in the mixer family except * = Doppler Mixer; † = Varactor; ‡ = Photodiode; # = Switching Diode; ** = Switch Mount; †† = Mixer Mount.

TYPE	USE	NET EACH 100-999	TYPE	USE	NET EACH 100-999	TYPE	USE	NET EACH 100-999	TYPE	USE	NET EACH 100-999
1N26 MIL		6.50 5.10	1N78 MIL		6.50 5.10	1N780		55.00 42.00	1N2792		250.00 208.75
1N26M		16.15 12.75	1N78M		13.75 10.80	1N780M		137.50 108.00	1N2792M		625.00 —
1N26R		9.90 7.80	1N78R		8.25 6.50	1N780R		82.50 65.00	1N3093#		32.00 28.00
1N26MR		19.45 15.30	1N78MR		16.50 13.00	1N780MR		165.00 130.00	1N3481#		16.70 13.35
1N26A		7.75 6.05	1N78A		8.10 6.38	1N147A		.98 .71	1N3482#		29.50 21.60
1N26AM		19.30 15.20	1N78AM		20.30 15.90	1N263		12.50 9.19	1L120#		35.40 26.00
1N26AR		11.65 9.15	1N78AR		12.10 9.55	1N263M		26.85 19.69	1L122#		35.40 26.00
1N26AMR		23.00 18.20	1N78AMR		24.30 19.10	1N1838*		37.50 30.00	1L130#		35.40 26.00
1N26B MIL		27.25 21.75	1N78B MIL		12.00 9.45	1N1838M*		93.75 75.00	1L132#		35.40 26.00
1N26BM		68.00 53.50	1N78BM		30.00 23.60	P960		1.33 1.33	1L133#		35.40 26.00
1N26BR		40.85 32.65	1N78BR		18.00 14.20	Type	1-9	10-99	1L134#		35.40 26.00
1N26BMR		81.75 65.30	1N78BMR		36.00 27.40	L4110†		120.00 —	1L135#		35.40 26.00
1N26C		31.15 25.50	1N78C MIL		45.00 35.40	L4111†		80.00 —	1L136#		35.40 26.00
1N26CM		77.85 63.75	1N78CM		113.00 89.00	L4112†		120.00 —	1L137#		52.60 35.00
1N26CR		48.20 38.22	1N78CR		67.50 53.00	L4412†		14.00 —	1L138#		35.40 26.00
1N26CMR		96.40 76.45	1N78CMR		135.00 106.00	L4413†		8.00 —	P901**		90.00 68.00
						L4414†		5.30 —	P902**		105.00 77.00
						GAU-401†		35.00 25.70	P903**		105.00 77.00
									P904**		105.00 77.00

PHILCO SILICON TRANSISTORS

All are family type SADT except * = SAT; † = SPAT;

▲ = Silicon Planar (Epitaxial); # = Silicon Mesa (Epitaxial)

TYPE	USE	NET EACH 100-999	TYPE	USE	NET EACH 100-999
2N495*	MFC	11.63 8.53	2N1429*	C	8.78 6.44
2N496*	MSSW	11.63 8.53	2N1472	HSW	12.15 8.91
2N706▲	HCSW	1.55 1.04	2N1663	HSW	12.75 9.35
2N706B#	HCSW	4.91 3.60	2N1676	CH	11.70 8.58
2N770	HSSW	11.63 8.53	2N1677	CH	8.85 6.49
2N772	HSSW	12.75 9.35	2N2086#	HCSW	10.95 8.03
2N773	HSSW	12.15 8.91	2N2087#	HCSW	11.55 8.47
2N774	HFC	9.00 6.60	2N2181*		15.60 11.44
2N775	HFC	9.60 7.04	2N2182*		31.50 23.10
2N776	VHFC	9.75 7.15	2N2183*		14.93 10.95
2N777	VHFC	10.50 7.70	2N2184*		30.15 22.14
2N778	VHFC	11.10 8.14	2N2185†	CH	15.00 11.00
2N784▲	UHFC	9.61 6.39	2N2186†	CH	30.60 22.44
2N834▲	UHFC	4.13 2.75	2N2187†	CH	31.50 23.10
2N858†	C	9.23 6.77	2N2274†	CH	9.00 6.60
2N859†	C	10.43 7.65	2N2275†	CH	19.50 14.30
2N860†	C	8.48 6.22	2N2276†	CH	8.00 4.40
2N861†	C	6.00 4.40	2N2277†	CH	13.20 9.68
2N862†	C	8.33 6.11	2N2278†	CH	12.00 8.80
2N863†	C	4.50 3.30	2N2279†	CH	25.80 18.92
2N864†	CH	6.23 4.57	2N2280†	CH	4.50 3.30
2N865†	C	8.25 6.05	2N2281†	CH	10.05 7.37
2N118*	MFC	11.63 8.53	2N2380#	HCSW	3.75 2.75
2N118A*	MFC	15.75 11.55	2N2478#	HCSW	7.13 5.23
2N119*	MSSW	11.63 8.53	2N2479#	HCSW	3.75 2.75
2N119A	HSW	11.63 8.53	2N2651▲	HSSW	4.43 2.95
2N1199	HSW	12.15 8.91	2N2710▲	HSSW	9.77 6.50
2N1199A	HSW	12.15 8.91	T1426*		6.45 4.73
2N1200		9.60 7.04	T1452*		8.85 6.49
2N1201		11.10 8.14	T1453*		18.00 13.20
2N1202		9.60 7.04	T1507*		11.70 8.58
2N1203		9.60 7.04	T1582*		18.00 13.20
2N1204		9.60 7.04	T1962*		19.35 14.19
2N1205		9.60 7.04	T2157†		2.25 1.65
2N1206		9.60 7.04	T2158†		2.63 1.93
2N1207		9.60 7.04	T2159†		2.63 1.93
2N1208		9.60 7.04	T2160†		2.63 1.93



RCA GERMANIUM TRANSISTORS

Symbol Designations: BC=Broadcast frequencies; HF=High frequencies; LS=Large signal; P=Power; SS=Small signal; SW=Switching; * = Mesa; □ = Epitaxial; † = Thyristor. All are PNP except ▲ are NPN.

Type	Use	1-99	999	Net Each 100-1000	Type	Use	1-99	999	Net Each 100-1000
2N104	SS	1.65	1.10		2N934	SW	6.60	4.40	
2N109	LS	.69	.46		2N955	SW	4.79	3.19	
2N139	BC	1.16	.77		2N955A	SW	5.36	3.58	
2N140	BC	1.24	.83		2N1010	▲	2.89	1.93	
2N173	P	3.88	2.59		2N1023	HF	1.98	1.32	
2N174	P	4.01	2.67		2N1066	HF	1.98	1.32	
JAN2N174	P	6.52	4.33		2N1090	▲	1.24	.83	
2N175	SS	1.63	1.09		2N1091	▲	1.57	1.05	
2N176	P	1.88	1.25		2N1099	P	4.87	3.25	
2N215	SS	1.73	1.16		2N1100	P	6.52	4.35	
2N217	LS	.66	.44		2N1169	▲	1.98	1.32	
2N218	BC	1.16	.77		2N1170	▲	3.71	2.48	
2N219	BC	1.24	.83		2N1177	BC	.83	.55	
2N220	SS	1.55	1.03		2N1178	BC	.81	.54	
JAN2N220	SS	2.06	1.38		2N1179	BC	.81	.54	
2N269	SW	1.98	1.32		2N1180	BC	.74	.50	
2N270	LS	.83	.55		2N1183	P	1.82	1.21	
2N274	HF	1.24	.83		USA2N1183	P	2.64	1.76	
USA2N274	HF	2.48	1.65		2N1183A	P	2.31	1.54	
2N277	P	3.00	2.00		USA2N1183A	P	3.30	2.20	

2N278	P	3.10	2.07		2N1183B	P	2.89	1.93	
2N301	LS	1.52	1.01		USA2N1183B	P	3.88	2.59	
2N301A	LS	3.71	2.48		2N1184	P	2.48	1.65	
2N351	LS	2.03	1.35		2N1184A	P	2.81	1.87	
2N370	BC	.81	.54		USA2N1184A	P	4.04	2.70	
2N371	BC	.79	.53		2N1184B	P	3.47	2.31	
2N372	BC	.79	.53		USA2N1184B	P	4.70	3.14	
2N376	LS	2.10	1.40		2N1213†	SW	4.54	3.03	
2N384	HF	1.65	1.10		2N1214†	SW	4.54	3.03	

JAN2N384	HF	2.48	1.65		2N1215†	SW	4.54	3.03		
2N388	▲	SW	.59	.40	2N1216†	SW	2.97	1.98		
USM2N388	▲	SW	.61	.41	2N1224	HF	1.24	.83		
2N388A	SW	2.57	1.72		USA2N1224	HF	2.06	1.38		
2N395	SW	.66	.44		2N1225	HF	1.40	.94		
2N396	SW	.84	.56		USA2N1225	HF	2.31	1.54		
2N396A	SW	.84	.56		2N1226	HF	1.40	.99		
2N397	SW	1.34	.89		2N1300*	SW	1.16	.77		
2N398	SW	1.30	.87		2N1301*	SW	1.49	.99		
USM2N398	SW	1.47	.98		2N1302	▲	SW	.50	.33	

2N398A	SW	1.40	.87		USN2N1302	▲	SW	.51	.34	
2N398B	SW	1.30	.87		2N1303	SW	.50	.33		
2N404	SW	.41	.28		USN2N1303	SW	.51	.34		
USAF2N404	SW	.50	.33		2N1304	▲	SW	.61	.41	
2N404A	SW	.66	.44		USN2N1304	▲	SW	.64	.43	
3907†					2N1305	SW	.48	.32		
2N404	SW	1.24	.83		USN2N1305	SW	.64	.43		
2N405	SS	.40	.26		2N1306	▲	SW	.79	.53	
2N406	SS	.35	.23		USN2N1306	▲	SW	.86	.57	
2N407	LS	.45	.30		2N1307	SW	.79	.53		

2N408	LS	.41	.28		USN2N1307	SW	.86	.57		
2N409	LS	.54	.36		2N1308	▲	SW	1.11	.74	
2N410	BC	.51	.34		USN2N1308	▲	SW	1.19	.79	
2N411	BC	.58	.39		2N1309	SW	1.07	.72		
2N412	BC	.54	.36		USN2N1309	SW	1.19	.79		
2N414	SW	.61	.41		2N1319	SW	1.65	1.10		
2N441	P	2.67	1.78		2N1358	P	5.94	3.96		
2N442	P	3.14	2.09		USA2N1358	P	6.77	4.51		
2N443	P	3.47	2.31		2N1384	SW	1.82	1.21		
2N578	SW	.99	.66		2N1395	HF	1.49	.99		

2N579	SW	1.57	1.05		2N1396	HF	1.65	1.10		
2N580	SW	2.06	1.38		2N1397	HF	2.15	1.43		
2N581	SW	.50	.33		2N1412	P	6.19	4.13		
2N582	SW	.99	.66		USN2N1412	P	7.67	5.12		
2N583	SW	.83	.55		2N1450	SW	2.06	1.38		
2N584	SW	3.22	2.15		2N1524	BC	.51	.34		
2N585	▲	SW	.99	.66	2N1525	BC	.54	.36		
2N586	SW	1.73	1.16		2N1526	BC	.54	.36		
2N591	SS	.58	.39		2N1527	BC	.58	.39		
2N643	SW	1.40	.94		2N1605	▲	SW	1.24	.83	

2N644	SW	1.65	1.10		2N1605A	▲	SW	1.50	1.00	
2N645	SW	2.64	1.76		2N1631	BC	.63	.42		
2N646	SW	1.82	1.21		2N1632	BC	.39	.40		
2N647	▲	LS	1.16	.77	2N1637	BC	.64	.42		
2N649	▲	LS	.86	.57	2N1638	BC	.56	.37		
2N705*	SW	1.98	1.32		2N1639	BC	.59	.40		
2N710	SW	1.73	1.16		2N1683*	SW	1.65	1.10		
2N711*	SW	1.16	.77		2N1853*	SW	1.32	.88		
2N794*	SW	1.49	.99		USN/					
2N795*	SW	1.98	1.32		2N1853*	SW	1.32	.88		
2N796*	SW	2.89	1.93		2N1854*	SW	1.65	1.10		
2N828	SW	3.30	2.20							

RCA GERMANIUM TRANSISTORS Cont'd.

Type	Use	1-99	999	Net Each 100-1000	Type	Use	1-99	999	Net Each 100-1000
USN/					2N2273*	SW	4.13	2.75	
2N1854*	SW	1.65	1.10		USA/				
2N1905	P	4.13	2.75		2N2273M*	SW	4.95	3.30	
2N1908	P	6.60	4.40		2N2482*	SW	6.19	4.13	
2N2147	LS	2.06	1.38		2N2613	SS	.59	.40	
2N2148	LS	1.58	1.06		2N2614	SS	.54	.36	

RCA SILICON TRANSISTORS

P=Power; SW=Switching; VHF=Very high frequency. All are alloy material and construction except: * = Planar-epitaxial; † = Diffused-Junction; ‡ = Mesa; ** = Triple diffused planar; †† = Double-diffused-planar-epitaxial; ▲ = Planar. All are N-P-N Type.

Type	Use	1-99	999	Net Each 100-1000	Type	Use	1-99	999	Net Each 100-1000
2N896†	SW	1.57	1.05		USA2N1488	P	14.05	9.35	
USA2M696†	SW	1.98	1.32		2N1489	P	12.40	8.25	
2N697†	SW	2.06	1.38		USA2N1489	P	16.50	11.00	
USA2M697†	SW	2.48	1.65		2N1490	P	16.50	11.00	
2N699**	P	2.89	1.93		USA2N1490	P	20.85	13.75	
2N706†	SW	1.57	1.05		2N1491	VHF	4.13	2.75	
USA2N706†	SW	2.23	1.49		2N1492	VHF	6.60	4.40	
2N706A†	SW	1.82	1.21		2N1493	VHF	9.90	6.60	
2N708	▲	SW	2.48	1.65	2N1511	P	8.25	5.50	
2N709*	SW	8.25	5.50		2N1512	P	9.90	6.60	

2N834*	SW	4.13	2.75		2N1513	P	12.40	8.25	
2N814*	SW	3.71	2.48		USA2N1513	P	16.50	11.00	
2N1067	P	20.95	13.95		2N1514	P	23.10	15.40	
2N1068	P	21.95	14.65		USA2N1514	P	27.25	18.50	
2N1069	P	49.90	33.30		2N1613††	SW	3.71	2.48	
2N1070	P	64.95	43.30		2N1700	P	2.89	1.43	
2N1092	P	10.75	7.15		2N1701	P	4.13	2.75	

2N1479	P	3.47	2.31		2N1703	P	7.43	4.95	
USA2N1479	P	5.12	3.41		2N1708*	SW	3.30	2.20	
2N1480	P	4.13	2.75		2N1711**	SW	4.54	3.03	
USA2N1480	P	5.78	3.85		2N1768	P	8.25	5.50	
2N1481	P	4.95	3.30		2N1769	P	13.20	8.80	
USA2N1481	P	6.60	4.40		2N2015	P	19.80	13.20	
2N1482	P	5.78	3.85		2N2016	P	28.05	18.70	

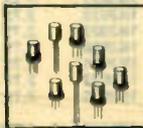
USA2N1482	P	7.43	4.95		2N2102††	SW	4.95	3.30	
2N1483	P	5.78	3.85		2N2205*	SW	3.30	2.20	
USA2N1483	P	8.25	5.50		2N2206*	SW	3.71	2.48	
2N1484	P	7.01	4.68		2N2270†	SW	2.48	1.65	
USA2N1484	P	9.49	6.33		2N2304		6.60	4.40	
2N1485	P	9.08	6.05		2N2305	P	10.73	7.15	
USA2N1485	P	11.55	7.70		2N2338	P	14.85	9.90	
2N1486	P	13.20	8.80		2N2339	P	4.95	3.30	
USA2N1486	P	15.70	10.45		2N2475*	SW	6.19	4.13	
2N1487	P	8.25	5.50		2N2476*	SW	3.71	2.48	
USA2N1487	P	12.40	8.25		2N2477*	SW	6.19	4.13	
2N1488	P	9.90	6.60						

RCA SILICON CONTROLLED RECTIFIERS

Type	Use	1-99	999	Net Each 100-1000	Type	Use	1-99	999	Net Each 100-1000
2N681		8.60	5.70		2N1842A		7.75	5.15	
2N682		10.40	6.25		2N1843A		8.50	5.65	
2N683		10.50	7.00		2N1844A		9.40	6.25	
2N684		12.70	8.45		2N1845A		11.45	7.65	
2N685		14.85	9.90		2N1846A		13.50	9.00	
2N686		18.00	12.00		2N1847A		16.10	10.75	
2N687		20.95	14.00		2N1848A		18.75	12.50	
2N688		26.25	17.50		2N1849A		23.60	15.75	
2N689		31.85	21.25		2N1850A		27.00	18.00	

RCA ALL AMERICAN 8 TRANSISTOR RADIO REPLACEMENT KIT

Direct Transistor Replacements For Over 80 Brands of Radios Over 450 Different Radio Models



All-American 8 consists of 12 transistors attractively packaged. One each of 2



DICKSON DEPENDABLE DIODES



250-MW SILICON ZENER DIODES (Fig. A)

10% TOLERANCE		10% TOLERANCE	
TYPE NO.	NET EACH	TYPE NO.	NET EACH
1N702	1.95 1.70	1N729	1.95 1.70
1N703	1.95 1.70	1N730	1.95 1.70
1N704	1.95 1.70	1N731	1.95 1.70
1N705	1.95 1.70	1N732	1.95 1.70
1N706	1.95 1.70	1N733	2.40 2.20
1N707	1.95 1.70	1N734	2.40 2.20
1N708	1.95 1.70	1N735	2.40 2.20
1N709	1.95 1.70	1N736	2.40 2.20
1N710	1.95 1.70	1N737	2.40 2.20
1N711	1.95 1.70	1N738	3.25 3.00
1N712	1.95 1.70	1N739	3.25 3.00
1N713	1.95 1.70	1N740	3.25 3.00
1N714	1.95 1.70	1N741	3.25 3.00
1N715	1.95 1.70	1N742	3.25 3.00
1N716	1.95 1.70	1N743	3.25 3.00
1N717	1.95 1.70	1N744	3.25 3.00
1N718	1.95 1.70	1N745	3.25 3.00
1N719	1.95 1.70	1N761	2.00 1.85
1N720	1.95 1.70	1N762	2.00 1.85
1N721	1.95 1.70	1N763	2.00 1.85
1N722	1.95 1.70	1N764	2.00 1.85
1N723	1.95 1.70	1N765	2.00 1.85
1N724	1.95 1.70	1N766	2.00 1.85
1N725	1.95 1.70	1N767	2.00 1.85
1N726	1.95 1.70	1N768	2.00 1.85
1N727	1.95 1.70	1N769	2.00 1.85
1N728	1.95 1.70		
5% TOLERANCE			
1N702A thru 1N732A		2.75	2.40
1N733A thru 1N737A		3.45	3.15
1N738A thru 1N745A		3.65	3.35
1N761A thru 1N769A		2.70	2.50

400-MW SILICON ZENER DIODES (Fig. A)

10% TOLERANCE		10% TOLERANCE	
TYPE NO.	NET EACH	TYPE NO.	NET EACH
1N746	1.95 1.70	1N753	1.95 1.70
1N747	1.95 1.70	1N754	1.95 1.70
1N748	1.95 1.70	1N755	1.95 1.70
1N749	1.95 1.70	1N756	1.95 1.70
1N750	1.95 1.70	1N757	1.95 1.70
1N751	1.95 1.70	1N758	1.95 1.70
1N752	1.95 1.70	1N759	1.95 1.70
5% TOLERANCE			
1N746A thru 1N759A		2.75	2.40

1-WATT SILICON ZENER DIODES (Fig. C)

10% TOLERANCE		10% TOLERANCE	
TYPE NO.	NET EACH	TYPE NO.	NET EACH
1N1521	3.00 2.80	1N1525	3.00 2.80
1N1522	3.00 2.80	1N1526	3.00 2.80
1N1523	3.00 2.80	1N1527	3.00 2.80
1N1524	3.00 2.80	1N1528	3.00 2.80
5% TOLERANCE			
1N1521A thru 1N1528A		3.70	3.40

400-MW SILICON ZENER DIODES (Fig. A)

20% TOLERANCE		20% TOLERANCE	
TYPE NO.	NET EACH	TYPE NO.	NET EACH
1N957	2.00 1.85	1N975	2.00 1.85
1N958	2.00 1.85	1N976	2.00 1.85
1N959	2.00 1.85	1N977	2.00 1.85
1N960	2.00 1.85	1N978	2.00 1.85
1N961	2.00 1.85	1N979	2.00 1.85
1N962	2.00 1.85	1N980	2.00 1.85
1N963	2.00 1.85	1N981	2.00 1.85
1N964	2.00 1.85	1N982	2.00 1.85
1N965	2.00 1.85	1N983	2.00 1.85
1N966	2.00 1.85	1N984	2.00 1.85
1N967	2.00 1.85	1N985	2.45 2.25
1N968	2.00 1.85	1N986	2.45 2.25
1N969	2.00 1.85	1N987	2.45 2.25
1N970	2.00 1.85	1N987	2.45 2.25
1N971	2.00 1.85	1N989	2.45 2.25
1N972	2.00 1.85	1N990	2.45 2.25
1N973	2.00 1.85	1N991	2.45 2.25
1N974	2.00 1.85	1N992	2.45 2.25
10% TOLERANCE			
1N957A thru 1N984A		2.20	2.00
1N985A thru 1N992A		2.80	2.60
5% TOLERANCE			
1N957B thru 1N984B		2.75	2.55
1N985B thru 1N992B		3.45	3.15
USN1N962BM thru USN1N975BM		4.35	4.00
USN1N976BM thru USN1N984BM		4.80	4.40

250-MW SILICON ZENER DIODES (Fig. B)

20% TOLERANCE		20% TOLERANCE	
TYPE NO.	NET EACH	TYPE NO.	NET EACH
1/4Z6.8D	2.15 1.95	1/4Z43D	2.55 2.35
1/4Z7.5D	2.15 1.95	1/4Z45D	2.55 2.35
1/4Z8.2D	2.15 1.95	1/4Z47D	2.55 2.35
1/4Z9.1D	2.15 1.95	1/4Z50D	2.55 2.35
1/4Z10D	2.15 1.95	1/4Z51D	2.55 2.35
1/4Z11D	2.15 1.95	1/4Z52D	2.55 2.35
1/4Z12D	2.15 1.95	1/4Z56D	2.55 2.35
1/4Z13D	2.15 1.95	1/4Z62D	2.55 2.35
1/4Z14D	2.15 1.95	1/4Z68D	2.55 2.35
1/4Z15D	2.15 1.95	1/4Z75D	2.55 2.35
1/4Z16D	2.15 1.95	1/4Z82D	2.55 2.35
1/4Z17D	2.15 1.95	1/4Z91D	2.55 2.35
1/4Z18D	2.15 1.95	1/4Z100D	2.75 2.60
1/4Z19D	2.15 1.95	1/4Z105D	2.75 2.60
1/4Z20D	2.15 1.95	1/4Z110D	2.75 2.60
1/4Z22D	2.15 1.95	1/4Z120D	2.75 2.60
1/4Z24D	2.15 1.95	1/4Z130D	2.75 2.60
1/4Z25D	2.15 1.95	1/4Z140D	2.75 2.60
1/4Z27D	2.15 1.95	1/4Z150D	2.75 2.60
1/4Z30D	2.15 1.95	1/4Z160D	2.75 2.60
1/4Z33D	2.15 1.95	1/4Z175D	2.75 2.60
1/4Z36D	2.15 1.95	1/4Z180D	2.75 2.60
1/4Z39D	2.15 1.95	1/4Z200D	2.75 2.60
10% TOLERANCE			
1/4Z6.8D10 thru 1/4Z39D10		2.55	2.40
1/4Z43D10 thru 1/4Z91D10		3.10	2.85
1/4Z100D10 thru 1/4Z200D10		3.45	3.25
5% TOLERANCE			
1/4Z6.8D5 thru 1/4Z39D5		3.60	3.30
1/4Z43D5 thru 1/4Z91D5		3.75	3.45
1/4Z100D5 thru 1/4Z200D5		4.00	3.75

750-MW SILICON ZENER DIODES (Fig. C)

10% TOLERANCE		10% TOLERANCE	
TYPE NO.	NET EACH	TYPE NO.	NET EACH
1N1510	2.75 2.55	1N1514	2.75 2.55
1N1511	2.75 2.55	1N1515	2.75 2.55
1N1512	2.75 2.55	1N1516	2.75 2.55
1N1513	2.75 2.55	1N1517	2.75 2.55
5% TOLERANCE			
1N1510A thru 1N1517A		3.45	3.15

750-MW SILICON ZENER DIODES (Fig. B)

10% TOLERANCE		10% TOLERANCE	
TYPE NO.	NET EACH	TYPE NO.	NET EACH
1N2034	2.65 2.50	1N2038	2.65 2.50
1N2035	2.65 2.50	1N2039	2.65 2.50
1N2036	2.65 2.50	1N2040	2.65 2.50
1N2037	2.65 2.50		
5% TOLERANCE			
1N2034A thru 1N2040A		3.45	3.15

400-MW SILICON ZENER DIODES (Fig. A)

5% TOLERANCE		5% TOLERANCE	
TYPE NO.	NET EACH	TYPE NO.	NET EACH
1N3506	3.35 3.25	1N3520	3.35 3.25
1N3507	3.35 3.25	1N3521	3.35 3.25
1N3508	3.35 3.25	1N3522	3.35 3.25
1N3509	3.35 3.25	1N3523	3.35 3.25
1N3510	3.35 3.25	1N3524	3.35 3.25
1N3511	3.35 3.25	1N3525	3.35 3.25
1N3512	3.35 3.25	1N3526	3.95 3.80
1N3513	3.35 3.25	1N3527	3.95 3.80
1N3514	3.35 3.25	1N3528	3.95 3.80
1N3515	3.35 3.25	1N3529	3.95 3.80
1N3516	3.35 3.25	1N3530	3.95 3.80
1N3517	3.35 3.25	1N3531	3.95 3.80
1N3518	3.35 3.25	1N3532	3.95 3.80
1N3519	3.35 3.25	1N3533	3.95 3.80
		1N3534	3.95 3.80

1-WATT SILICON ZENER DIODES (Fig. B)

20% TOLERANCE		20% TOLERANCE	
TYPE NO.	NET EACH	TYPE NO.	NET EACH
1N3016	2.75 2.55	1N3034	2.75 2.55
1N3017	2.75 2.55	1N3035	2.75 2.55
1N3018	2.75 2.55	1N3036	2.75 2.55
1N3019	2.75 2.55	1N3037	2.75 2.55
1N3020	2.75 2.55	1N3038	2.75 2.55
1N3021	2.75 2.55	1N3039	2.75 2.55
1N3022	2.75 2.55	1N3040	2.75 2.55
1N3023	2.75 2.55	1N3041	2.75 2.55
1N3024	2.75 2.55	1N3042	2.75 2.55
1N3025	2.75 2.55	1N3043	2.75 2.55
1N3026	2.75 2.55	1N3044	2.75 2.55
1N3027	2.75 2.55	1N3045	2.75 2.55
1N3028	2.75 2.55	1N3046	2.75 2.55
1N3029	2.75 2.55	1N3047	2.75 2.55
1N3030	2.75 2.55	1N3048	2.75 2.55
1N3031	2.75 2.55	1N3049	3.35 3.05
1N3032	2.75 2.55	1N3050	3.35 3.05
1N3033	2.75 2.55	1N3051	3.35 3.05
10% TOLERANCE			
1N3016A thru 1N3030A		3.05	2.80
1N3031A thru 1N3041A		3.10	2.85
1N3049A thru 1N3051A		4.90	4.50
5% TOLERANCE			
1N3016B thru 1N3030B		3.60	3.30
1N3031 thru 1N3048B		4.40	4.05
1N3049B thru 1N3051B		7.35	6.75
USN1N3016B thru USN1N3043B		4.90	4.50

10-WATT SILICON ZENER DIODES (Fig. E)

10% Tolerance		10% Tolerance	
TYPE NO.	NET EACH	TYPE NO.	NET EACH
1N1351	6.40 5.85	1N1816	6.75 6.20
1N1352	6.40 5.85	1N1817	6.75 6.20
1N1353	6.40 5.85	1N1818	6.75 6.20
1N1354	6.40 5.85	1N1819	6.75 6.20
1N1355	6.40 5.85	1N1820	6.75 6.20
1N1356	6.40 5.85	1N1821	6.75 6.20
1N1357	6.40 5.85	1N1822	6.75 6.20
1N1358	6.40 5.85	1N1823	6.75 6.20
1N1359	6.40 5.85	1N1824	6.75 6.20
1N1360	6.40 5.85	1N1825	6.75 6.20
1N1361	6.40 5.85	1N1826	6.75 6.20
1N1362	6.40 5.85	1N1827	6.75 6.20
1N1363	6.40 5.85	1N1828	6.75 6.20
1N1364	6.40 5.85	1N1829	6.75 6.20
1N1365	6.40 5.85	1N1830	6.75 6.20
1N1366	6.40 5.85	1N1831	6.75 6.20
1N1367	6.40 5.85	1N1832	6.75 6.20
1N1368	6.40 5.85	1N1833	6.75 6.20
1N1369	6.40 5.85	1N1834	6.75 6.20
1N1370	6.40 5.85	1N1835	6.75 6.20
1N1371	6.40 5.85	1N1836	6.75 6.20
1N1372	6.40 5.85	1N2008	6.75 6.20
1N1373	6.40 5.85	1N2009	6.75 6.20
1N1374	6.40 5.85	1N2010	6.75 6.20
1N1375	6.40 5.85	1N2011	6.75 6.20
1N1805	6.40 5.85	1N2012	6.75 6.20
1N1806	6.40 5.85	1N2043	5.65 5.20
1N1807	6.40 5.85	1N2044	5.65 5.20
1N1808	6.40 5.85	1N2045	5.65 5.20
1N1809	6.40 5.85	1N2046	5.65 5.20
1N1810	6.40 5.85	1N2047	5.65 5.20
1N1811	6.40 5.85	1N2048	5.65 5.20
1N1812	6.40 5.85	1N2049	5.65 5.20
1N1813	8.60 7.95	1N2498	6.30 5.85
1N1814	8.60 7.95	1N2499	6.30 5.85
1N1815	8.60 7.95	1N2500	6.30 5.85
5% Tolerance			
1N1351A thru 1N1375A		8.40	7.60
1N1805A thru 1N1812A		8.40	7.60
1N1813A thru 1N1815A		13.25	12.20
1N1816A thru 1N1836A		8.75	8.05
1N2008A thru 1N2012A		8.75	8

DICKSON DIODES • Thermalloy[®] HEAT SINKS

DICKSON 10 WATT SILICON ZENER DIODES (Fig. E)

20% Tolerance		NET EA.		TYPE NO.		NET EA.	
TYPE NO.	1-24	25-99	TYPE NO.	1-24	25-99	TYPE NO.	1-24
1N2970	5.15	4.75	1N2993	5.15	4.75		
1N2971	5.15	4.75	1N2994	5.15	4.75		
1N2972	5.15	4.75	1N2995	5.15	4.75		
1N2973	5.15	4.75	1N2996	5.15	4.75		
1N2974	5.15	4.75	1N2997	5.15	4.75		
1N2975	5.15	4.75	1N2998	5.15	4.75		
1N2976	5.15	4.75	1N2999	5.15	4.75		
1N2977	5.15	4.75	1N3000	5.15	4.75		
1N2978	5.15	4.75	1N3001	5.15	4.75		
1N2979	5.15	4.75	1N3002	5.15	4.75		
1N2980	5.15	4.75	1N3003	5.15	4.75		
1N2981	5.15	4.75	1N3004	5.15	4.75		
1N2982	5.15	4.75	1N3005	5.15	4.75		
1N2983	5.15	4.75	1N3006	5.15	4.75		
1N2984	5.15	4.75	1N3007	5.15	4.75		
1N2985	5.15	4.75	1N3008	5.15	4.75		
1N2986	5.15	4.75	1N3009	5.15	4.75		
1N2987	5.15	4.75	1N3010	5.15	4.75		
1N2988	5.15	4.75	1N3011	5.15	4.75		
1N2989	5.15	4.75	1N3012	5.70	5.25		
1N2990	5.15	4.75	1N3013	5.70	5.25		
1N2991	5.15	4.75	1N3014	5.70	5.25		
1N2992	5.15	4.75	1N3015	5.70	5.25		
10% Tolerance							
1N2970A thru 1N3011A			5.70	5.25			
1N3012A thru 1N3015A			8.45	7.80			
5% Tolerance							
1N2970B thru 1N3011B			7.10	6.55			
1N3012B thru 1N3015B			13.00	11.95			
USA1N2970B thru USA1N3004B			9.45	8.70			

DICKSON 1.5 WATT SILICON ZENER DIODES (Fig. D)

20% Tolerance		NET EA.		TYPE NO.		NET EA.	
TYPE NO.	1-24	25-99	TYPE NO.	1-24	25-99	TYPE NO.	1-24
1.5Z6.80	3.50	3.20	1.5Z43D	3.50	3.20		
1.5Z7.50	3.50	3.20	1.5Z45D	3.50	3.20		
1.5Z8.20	3.50	3.20	1.5Z47D	3.50	3.20		
1.5Z9.10	3.50	3.20	1.5Z50D	3.50	3.20		
1.5Z100	3.50	3.20	1.5Z51D	3.50	3.20		
1.5Z110	3.50	3.20	1.5Z52D	3.50	3.20		
1.5Z120	3.50	3.20	1.5Z56D	3.50	3.20		
1.5Z130	3.50	3.20	1.5Z62D	3.50	3.20		
1.5Z140	3.50	3.20	1.5Z68D	3.50	3.20		
1.5Z150	3.50	3.20	1.5Z75D	3.50	3.20		
1.5Z160	3.50	3.20	1.5Z82D	3.50	3.20		
1.5Z170	3.50	3.20	1.5Z91D	3.50	3.20		
1.5Z180	3.50	3.20	1.5Z100D	3.50	3.20		
1.5Z190	3.50	3.20	1.5Z105D	3.50	3.20		
1.5Z200	3.50	3.20	1.5Z110D	3.50	3.20		
1.5Z220	3.50	3.20	1.5Z120D	3.50	3.20		
1.5Z240	3.50	3.20	1.5Z130D	3.50	3.20		
1.5Z250	3.50	3.20	1.5Z140D	3.50	3.20		
1.5Z270	3.50	3.20	1.5Z150D	3.50	3.20		
1.5Z300	3.50	3.20	1.5Z160D	4.45	4.10		
1.5Z330	3.50	3.20	1.5Z175D	4.45	4.10		
1.5Z360	3.50	3.20	1.5Z180D	4.45	4.10		
1.5Z390	3.50	3.20	1.5Z200D	4.45	4.10		
10% Tolerance							
1.5Z6.80D thru 1.5Z150D			5.00	4.60			
1.5Z160D thru 1.5Z200D			6.65	6.10			
5% Tolerance							
1.5Z6.805 thru 1.5Z150D5			6.55	6.00			
1.5Z160D5 thru 1.5Z200D5			8.25	7.60			

THERMALLOY HEAT SINKS FOR SEMICONDUCTORS

Aluminum heat sinks give high-efficiency heat removal in transistorized circuits. Model numbers terminating in a digit are finished gold chromate per MIL-C-5541 unisolated. Model numbers ending with letter "A" have special hard anodized finish exceeding MIL-A-8625, 400 psi insulation. Assure transistor retention under severe shock and vibration.



THERMALLOY 1101 AND 1103 SERIES CONDUCTION-COOLED TYPES FOR TO-5, -9

Two-piece threaded construction tightens to firmly grip both sides of transistor weld flange where case temperature is maximum. Provides shortest thermal path from transistor to heat sink. Fits all TO-5, -9 cases.

Model		Appx. Weight		NET EACH		
Stock No.	No. Mounting	1-100	500-999	99	499	999
3SS-170	1101 Stud	.111 oz.	.65	.45	.35	
3SS-171	1101A Stud		.85	.65	.55	
3SS-172	1103 Tapped Hole	.091 oz.	.60	.40	.25	
3SS-173	1103A Tapped Hole	.091 oz.	.80	.60	.45	

THERMALLOY 2215 SERIES CONVECTION-COOLED TYPES FOR TO-5, -9

Two-piece threaded construction (finned type) tightens to positively grip both sides of transistor weld flange where case temperature is maximum. Provides the shortest thermal path from transistor to heat sink fins, where heat is removed by natural convection or forced air. Tapped holes in base enable direct mounting to circuit board for minimum lead lengths and retention under shock and vibration.

Model		Appx. Weight		NET EACH		
Stock No.	No. Mounting	1-100	500-999	99	499	999
3SS-174	2215 Tapped Hole	.144 oz.	.85	.65	.55	
3SS-175	2215A Tapped Hole	.144 oz.	1.00	.85	.75	

THERMALLOY 2218 SERIES CONVECTION-COOLED TYPES FOR TO-18

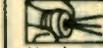
Model		Appx. Weight		NET EACH		
Stock No.	No. Mounting	1-100	500-999	99	499	999
3SS-176	2218A Tapped Hole	.079 oz.	1.00	.85	.75	



THERMALLOY 2205 AND 2207 SERIES CONVECTION-COOLED TYPES FOR TO-5, -9

Designed especially for metal-header transistors for maximum area contact between transistor and heat sink. Two-piece threaded construction (finned type), with screwdriver slot on threaded insert. Provides shortest thermal path from transistor to heat sink fins, where heat is removed by natural convection or forced air. Tapped holes in base enable direct mounting to circuit board for minimum lead lengths and retention under shock and vibration.

Model		Appx. Weight		NET EACH		
Stock No.	No. Mounting	1-100	500-999	99	499	999
3SS-177	2205A Tapped Hole	.199 oz.	1.10	.90	.80	
3SS-178	2207 Tapped Hole	.122 oz.	1.05	.85	.75	
3SS-179	2207/PR10*		1.20	1.00	.90	
3SS-180	2207/PR10A*		1.25	1.05	.95	
3SS-181	2207/PR11*		1.25	1.05	.95	
3SS-182	2207/PR11A*		1.30	1.10	1.00	



THERMALLOY 2211 CONVECTION-COOLED ECONOMY TYPE FOR TO-5, -9

Aluminum two-piece threaded construction (finned type) tightens to grip both sides of transistor weld flange. Small size and light weight enables lead mounting. Flange contact provides shortest thermal path from transistor to heat sink fins, where heat is removed by natural convection or forced air.

Model		Appx. Weight		NET EACH		
Stock No.	No. Mounting	1-100	500-999	99	499	999
3SS-183	2211	0.56 oz.	.20	.18	.15	



THERMALLOY 1104 AND 1107 SERIES CONDUCTION COOLED TYPES FOR TO-18

Two-piece threaded construction tightens to firmly grip both sides of transistor weld flange where case temperature is maximum. Provides the shortest thermal path from transistor to heat sink for highest efficiency. This flange contact also eliminates need to match heat sink with transistor case diameter—fits all TO-18 transistors. Assures transistor retention under severe shock and vibration. Model 1107 same finish as 1104A.

Model		Appx. Weight		NET EACH		
Stock No.	No. Mounting	1-100	500-999	99	499	999
3SS-184	1104A Tapped Hole	.037 oz.	.80	.60	.50	
3SS-185	1107 Stud	.045 oz.	.85	.65	.55	

THERMALLOY 1109 SERIES CONDUCTION-COOLED TYPES FOR TO-8

Model		Appx. Weight		NET EACH		
Stock No.	No. Mounting	1-100	500-999	99	499	999
3SS-186	1109 Tapped Hole	.364 oz.	.90	.70	.60	
3SS-187	1109 Tapped Hole	.364 oz.	1.15	.95	.85	

DICKSON TEMPERATURE COMPENSATED ZENER REFERENCE DIODES

6.2 Volt; Max. Dyn. Imp. 15 Ohms (Type A, 10 Ohms); (Fig. A)

NET EA.		TYPE NO.		NET EA.	
TYPE NO.	1-24	25-99	TYPE NO.	1-24	25-99
1N821	4.00	3.40	1N825	7.90	6.90
1N821A	5.65	4.85	1N825A	11.25	9.75
1N823	5.00	4.25	1N827	26.75	23.20
1N823A	7.50	6.50	1N827A	29.00	25.25

9.2 Volt; Max. Dyn. Imp. 20 Ohms; (Fig. A)

1N935	3.45	3.00	USN1N937B	10.80	9.95
1N935A	3.80	3.35	1N938	7.60	7.00
1N935B	4.40	3.90	1N938A	8.60	7.90
USN1N935B	6.20	5.70	1N938B	11.60	10.65
1N936	3.80	3.40	USN1N939B	14.60	13.40
1N936A	4.45	4.20	1N939	17.60	16.20
1N936B	5.25	4.85	1N939A	24.25	22.30
1N937	6.55	6.05	1N939B	27.00	24.85
1N937A	7.20	6.55	USN1N939B	33.60	31.00
1N937B	8.00	7.35			

11.7 Volt; Max. Dyn. Imp. 30 Ohms; (Fig. A)

1N941	4.55	4.20	1N943A	9.30	8.55
1N941A	4.95	4.55	1N943B	10.45	9.60
1N941B	5.65	5.20	1N944	9.90	9.10
1N942	5.00	4.60	1N944A	11.25	10.35
1N942A	5.95	5.50	1N944B	14.95	13.75
1N942B	6.90	6.35	1N945	23.00	21.15
1N943	8.55	7.85	1N945A	31.35	28.85
			1N945B	37.55	32.45

9.4 Volt; Max. Dyn. Imp. 15 Ohms; (Fig. B)

1N2163	3.60	3.40	1N2167A	11.20	10.75
1N2163A	5.00	4.80	1N2168	15.00	13.80
1N2164	4.80	4.60	1N2168A	18.50	17.00
1N2164A	5.80	5.50	1N2169	20.70	19.20
1N2165	7.20	6.60	1N2169A	26.00	24.80
1N2165A	10.70	9.80	1N2170	25.00	23.45
1N2166	7.00	6.75	1N2170A	37.50	35.50
1N2166A	8.40	8.05	1N2171	34.95	33.40
1N2167	8.80	8.40	1N2171A	44.95	43.60

9.3 Volt; Max. Dyn. Imp. 15 Ohms; (Fig. B)

1N2620	3.80	3.55	1N2622B	8.75	8.05
1N2620A	4.05	3.75	1N2623	8.40	7.60
1N2620B	4.55	4.20	1N2623A	9.45	8.70
1N2621	4.30	3.95	1N2623B	12.70	11.65
1N2621A	5.20	4.80	1N2624	20.70	19.00
1N2621B	6.30	5.85	1N2624A	27.05	24.90
1N2622	7.15	6.55	1N2624B	36.20	33.30
1N2622A	7.65	7.05			

8.4 Volt; Max. Dyn. Imp. 15 Ohms; (Fig. A)

1N3154	4.30	3.95	1N3156	11.60	10.65
1N3154A	5.65	5.20	1N3156A	14.70	13.50
1N3155	4.85	4.45	1N3157	23.80	21.90
1N3155A	7.20	6.60	1N3157A	25.75	23.70

11.7 Volt; Max. Dyn. Imp. 25 Ohms; (Fig. B)

1N3580	4.60	4.20	1N3582B	10.20	9.40
1N3580A	4.90	4.50	1N3583	10.20	9.40
1N3580B	5.65	5.20	1N3583A	11.10	10.20
1N3581	5.20	4.80	1N3583B	14.75	13.55
1N3581A	6.10	5.60	1N3584	23.75	21.85
1N3581B	7.30	6.70	1N3584A	30.85	28.35
1N3582	8.45	7.75	1N3584B	34.60	31.80
1N3582A	9.20				

AD

ASTRO DYNAMICS SEMICONDUCTOR HEAT SINKS

MODEL 2501 NATURAL CONVECTION HEAT SINK



Designed to answer need for versatile, inexpensive, high efficient heat dissipator with extraordinary low thermal resistance 1.95° C/Watt in 50% less volume. Requires no blower and can be used mounted flush against the sides of a chassis. Model 2501-B is single layer heat sink, anodized black with mounting holes, and with semiconductor mounting hole pattern (choice of P1, P2, P3 or P4). Has spot face on one side. Model 2501-C is same as 2501-B except with added 1 1/4" dia. spot face on fin side. Size: 4"L x 3"W x .687" Thick. Shpg. wt., 1 lb.

Stock No.	Model No.	1-24	25-49	50-99	100-499	500-999
35S-20	2501-B/P1	2.50	2.34	2.18	2.02	1.86
35S-30	2501-B/P2	2.65	2.49	2.33	2.17	2.01
35S-20	2501-B/P3	2.65	2.49	2.33	2.17	2.01
35S-32	2501-B/P4	2.80	2.64	2.48	2.32	2.16
35S-33	2501-C/P1	2.94	2.74	2.56	2.37	2.18
35S-34	2501-C/P2	3.09	2.99	2.71	2.52	2.33
35S-35	2501-C/P3	3.09	2.99	2.71	2.52	2.33
35S-36	2501-C/P4	3.24	3.05	2.86	2.67	2.48

MODEL 2502 NATURAL CONVECTION HEAT SINK



A double layer version of Model 2501. The fin design of the 2502 optimizes the effect of the heat transfer coefficient available in free convection flow, and provides maximum dissipation per unit. Has surface area of 112 sq. in. and low thermal resistance of —1.3 C/Watt. Requires no blower. Model 2502-B is anodized black. Available in patterns P1, P2, P3 and P4 semiconductor mounting holes. Has 1 1/4" spot face on one side. Model 2502-C is same as 2502-B but has 1 1/4" dia. spot face on both sides. Size 4"L x 3"W x 1.281" Thick. Shpg. wt. 1 lb.

Stock No.	Model No.	1-24	25-49	50-99	100-499	500-999
35S-37	2502-B/P1	3.52	3.29	3.06	2.83	2.60
35S-38	2502-B/P2	3.67	3.44	3.21	2.98	2.75
35S-21	2502-B/P3	3.67	3.44	3.21	2.98	2.75
35S-40	2502-B/P4	3.82	3.59	3.36	3.13	2.90
35S-41	2502-C/P1	3.95	3.70	3.45	3.20	2.94
35S-42	2502-C/P2	4.10	3.85	3.60	3.35	3.09
35S-43	2502-C/P3	4.10	3.85	3.60	3.35	3.09
35S-44	2502-C/P4	4.25	4.00	3.75	3.50	3.24

MOUNTING KITS FOR MODELS 2501 AND 2502 HEAT SINKS

GROUNDING MOUNTING KITS Shpg. wt., 8 oz.

Stock No.	Model No.	1-24	25-49	50-99	100-499	500-999
35S-45	1205M1-1/2 1/2"	.60	.56	.52	.48	.44
35S-46	1205M1-3/4 3/4"	.60	.56	.52	.48	.44

INSULATED MOUNTING KITS

35S-47	1205M2-1/2 1/2"	.60	.56	.52	.48	.44
35S-48	1205M2-3/4 3/4"	.60	.56	.52	.48	.44

M3 MOUNTING KIT — FOR 2501, 2502 & 2503 HEAT SINKS

Consists of 2 aluminum brackets, 4 speed nuts and machine screws. Enables mounting heat sink to either a vertical or horizontal chassis.

35S-49	M3	.37	.33	.33	.30	—
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LAFAYETTE MINIATURE SELENIUM RECTIFIER

1/2" x 3/4" Premium quality and small size make this precision rectifier ideal for prototype and miniature applications.

.49

Measures 3/8" Dx 1/2" W plus 1/4" mounting lip. Rated: Input—117VAC, 110 to 130 V DC; Output—10ma DC, 20ma DC Intermittent; Ambient Temperature 40°C. Maximum input capacitance 10 MFD. Two convenient solder lug terminals. Imported

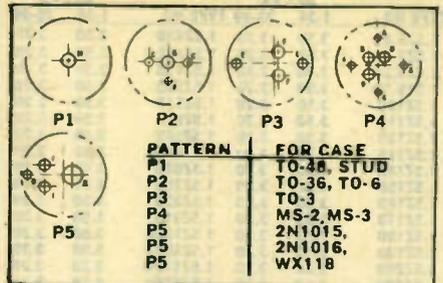
MS-887 Net 49

HIGH DENSITY SELENIUM RECTIFIERS

Replacements for radios, TV sets, Hi-Fi, etc. 130 VAC input; 380 max. peak inverse volts. All have solder lugs. Avg. shpg. wt., 4 oz.

Stock No.	Ma	Net Each	L/10 Stock	Ma	Net Each	L/10 Stock
RE-50	65-75	.42	.40	RE-53	350-400	1.19
RE-51	100-150	.52	.48	RE-54	450-500	1.28
RE-52	250-300	.98	.90	RE-55	550-600	1.58

KEY TO DEVICE MOUNTING PATTERNS



MODEL 2503 NATURAL CONVECTION HEAT SINK

Companion to 2501 and 2502 models. Features thermal resistance of 1.70° C/Watt at 20 watts. 1.58° C/Watt at 30 watts. Model 2503-B is anodized black with heat sink mounting holes and 1 1/4" spot face on one side. 2503-C is same as 2503-B but with spot face on both sides. Size: 5 1/4" L x 3" W x 1 1/4" Thick. Shpg. wt., 1 lb.

Stock No.	Model No.	1-25	25-49	50-99	100-499
35S-50	2503-B/P1	3.86	3.49	3.36	3.10
35S-51	2503-B/P2	4.01	3.64	3.51	3.25
35S-52	2503-B/P3	4.01	3.64	3.51	3.25
35S-55	2503-C/P1	4.34	4.06	3.78	3.51
35S-56	2503-C/P2	4.49	4.21	3.93	3.66

MODEL 2507 NATURAL CONVECTION HEAT SINK

• For Silicon Control Rectifiers

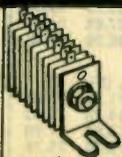
A special natural convection heat sink with extremely low thermal resistance .68 C/Watt from mounting surface to air at power level of 75 watts, without the use of forced air. Surface area is 240 sq. in. The 2507 also is designed to be used with components in bridge circuits and pre-packaged systems. Model 2507-4B is anodized black with component mounting hole, without 1/4"-20 tapped holes. Model 2507-4C is same as 2507-B but with 8 tapped holes, 1/4"-20. Size: 4x4". Shpg. wt., 2 lbs.

Stock No.	Model No.	1-24	25-49	50-99
35S-61	2507-4B	5.00	4.25	3.50
35S-62	2507-4C	5.50	4.75	4.00

2800 SERIES CONDUCTION TRANSISTOR HEAT SINKS

Accommodates TO-5, TO-9, TO-11, TO-12, TO-16, TO-18, TO-29, TO-33, TO-39, TO-42 and TO-43 case types. Dissipates heat from transistors by conduction. Provides sufficiently large surface contact with chassis. Black anodized aluminum, with #4/40 machine screw for clamping. 2801 is .87x.5x.25" high; 2802 is 1.5x.5x.25" high. Shpg. wt., 4 oz. 2° C/Watt per transistor temperature difference between transistor case & chassis. Model 2801 accommodates 1 transistor; 2802 — two transistors.

Stock No.	Model No.	1-25	25-49	50-99	100-499
35S-23	2801	.75	.69	.64	.59
35S-69	2802	.98	.91	.85	.79

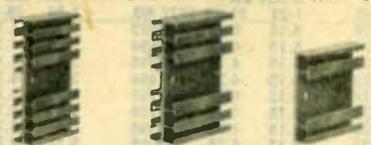


MALLORY MAGNESIUM-COPPER SULPHIDE RECTIFIERS

Single phase, full-erase all metal bridge type rectifiers. Self-healing rectifying film. Constant output and not affected by temperature extremes (—90° to +265°F). Type of mounting: * Insulated bolt; ** Full load; † Resistive load. Cont = Continuous; RE-60 for Electric Fence; RE-61 for 6SAC4-2 charger; RE-62 for 6SAC6-3 charger.

Stock No.	Mfr. No.	ACV	OCV Cont.	Size HxWxD	Wt. Lbs.	Net Each
RE-60	1B12R*	9.7	5.2	1.3	7/8x1 1/4x1 3/4"	1/4
RE-61	1B12L*	9.7	5.0	4.5	2 3/8x2 1/2x2 1/2"	1/2
RE-62	1B12CS*	9.7	5.0	5.3	2 3/8x2 1/2x3"	3/4

ASTRO UNIVERSAL MOUNTING HEAT SINKS



Versatile, inexpensive, highly efficient heat sinks. Incorporate a universal transistor hole pattern and are mounted with a universal mounting bracket kit. Allows the direct mounting of the most common power transistors such as stud type, TO-6 and TO-36 cases, TO-3 case, TO-48 case, and 2N1015, 2N1016 and WX118 transistors. Model 2505 has thermal resistance of 1.9° C/watt at a power level of 30 watts. Models 2504 and 2506 have performances 90% that of Models 2501 and 2503 respectively. Av. Shpg. wt., 12 oz.

Stock No.	Model	Size	1-24	25-99	100-499
35S-39	2504	4x3x1 1/4"	1.15	1.00	.90
35S-31	2505	4x3x1 1/4"	1.25	1.10	.95
35S-60	2506	5 1/8x3x1 1/4"	1.50	1.30	1.10

MODEL 2513 UNIVERSAL NATURAL CONVECTION MULTIPLE HEAT SINK

With UNIVERSAL HOLE PATTERN FOR MOUNTING VIRTUALLY ALL POWER TRANSISTORS

Designed as inexpensive, highly efficient heat sink for mounting two power transistors. Mounting surfaces provide closest possible contact to the transistor face. Universal transistor hole pattern permits the direct mounting of "Diamond," "Door Knob," "Stud Type" and many others. The double "T" fin construction provides unusually large surface area resulting in dissipation equal to that of commercial units with more than twice the size. Size 5 1/4x1 1/4x3". Shpg. wt., 12 oz.

Stock No.	Model No.	1-24	25-99	100-499	500-999
35S-167	2513	1.75	1.60	1.50	1.40

2700 SERIES NATURAL CONVECTION HEAT SINKS

• Designed For Computer and Printed Circuit Applications

These small, light natural convection heat sinks optimize the effect of the heat transfer coefficient available in free convection. Black anodized aluminum. Accommodate transistors with TO-5, TO-9, TO-11, TO-12, TO-16, TO-26, TO-31, TO-33, TO-39, TO-42, and TO-43 cases. Provided with #3/48 machine screw to clamp transistor. Model 2701 is 1.9x.63x.25" high; 2702 is 1.57x.7x.25" high; 2703 is 1.67x1.14x.25" high; 2704 is 2.75x.7x.400" high. Shpg. wt., 4 oz. 2704-A for TO-26 and TO-31 cases; 2704-B for TO-5 and TO-9 cases.

Stock No.	Model No.	°C/Watt	1-24	25-49	50-99	100-499
35S-22	2701	28	.80	.75	.70	.65
35S-64	2702	23	.88	.82	.76	.71
35S-65	2703	18	.98	.91	.85	.79
35S-66	2704-A	12	.60	.55	.49	.41
35S-67	2704-B	12	.87	.81	.72	.61



SARKES TARZIAN SILICON RECTIFIER

Model 500 Cartridge is rated at 500 milliamps. Mounts in standard fuse holder for 3AG fuse. Can take up to a maximum input of 280 volts AC. Size 1" L x 1 1/2" diam.; ends —1/4" diam. Shpg. wt., 3 ozs.

RE-39	Silicon Rectifier Lots of 10, each 1.25	Net 1.40
Model M-150	Same as above, but takes up to 150 Milliamps. Size: 1" L x 1 1/2" diam.	Shpg. wt., 3 ozs.
RE-40	Silicon Rectifier Lots of 10, each .84	Net .93
EL-183	BUSS 4405 HOLDER FOR SINGLE M500	.13
EL-184	BUSS 4408 DUAL HOLDER FOR TWO M500	.26

1/R 750 Ma. RADIO & TV SILICON RECTIFIER

Replaces selenium units without any need for conversion. Size: 1 1/2x1 1/2x1". Shpg. wt., 9 ozs.

RE-21.....Lots of 10, ea. 1.65.....Singly 1.82

SILICON T.V. 502 COLOR T.V. REPLACEMENT

Rated 750MA @ 260V. For many color T.V. sets, also for doubler circuits in black and white sets. Size: 1 1/2x1 1/2x1". Shpg. wt., 9 ozs.

RE-38.....Lots of 10, each 2.91.....Singly 3.23

OHMITE "AB" MIL-R-94 2-WATT COMPOSITION POTS



Famous "AB" pots now made to meet military MIL-R-94 specifications and 200 hour salt spray corrosion test of military specification QQ-M-151. Two watt, Molded elements, highly reliable, dust-proof, splash-proof, imbedded contacts. All have linear taper. All 10% tolerance except * are 20%. Avg. shpg. wt., 5 oz.

TYPE CMU - MIL RV4N

Fig. A. All have linear taper. 1 1/2" diam. with 7/8" slotted shaft 1/4" in dia.

Stock No.	Ohms	Mfr. No.	Stock No.	Ohms	Mfr. No.
3VC-569	50	CMU-5001	3VC-585	35,000	CMU-3531
3VC-570	100	CMU-1011	3VC-586	50,000	CMU-5031
3VC-571	150	CMU-1511	3VC-587	75,000	CMU-7531
3VC-572	250	CMU-2511	3VC-588	1 Meg.	CMU-1041
3VC-573	350	CMU-3511	3VC-589	.1 Meg.	CMU-1541
3VC-574	500	CMU-5011	3VC-590	.25 Meg.	CMU-2541
3VC-575	750	CMU-7511	3VC-591	.35 Meg.	CMU-3541
3VC-576	1,000	CMU-1021	3VC-592	.5 Meg.	CMU-5041
3VC-577	1,500	CMU-1521	3VC-593	.75 Meg.	CMU-7542
3VC-578	2,500	CMU-2521	3VC-594*	1.0 Meg.	CMU-1052
3VC-579	3,500	CMU-3521	3VC-595*	1.5 Meg.	CMU-1552
3VC-580	5,000	CMU-5021	3VC-596*	2.0 Meg.	CMU-2052
3VC-581	7,500	CMU-7521	3VC-597*	2.5 Meg.	CMU-2552
3VC-582	10,000	CMU-1031	3VC-598*	3.0 Meg.	CMU-3052
3VC-583	15,000	CMU-1531	3VC-599*	5.0 Meg.	CMU-5052
3VC-584	25,000	CMU-2531			

Net ea., any of above

TYPE CLU MIL RV4L

Fig. B Locking type with nut and slotted shaft. 1 1/2" diam.

Stock No.	Ohms	Mfr. No.	Stock No.	Ohms	Mfr. No.
3VC-749	50	CLU-5001	3VC-655	35,000	CLU-3531
3VC-739	100	CLU-1011	3VC-752	50,000	CLU-5031
3VC-648	150	CLU-1511	3VC-656	75,000	CLU-7531
3VC-744	250	CLU-2511	3VC-742	1 Meg.	CLU-1041
3VC-649	350	CLU-3511	3VC-657	15 Meg.	CLU-1541
3VC-750	500	CLU-5011	3VC-747	25 Meg.	CLU-2541
3VC-650	750	CLU-7511	3VC-658	.35 Meg.	CLU-3541
3VC-740	1,000	CLU-1021	3VC-753	.5 Meg.	CLU-5041
3VC-651	1,500	CLU-1521	3VC-659	.75 Meg.	CLU-7542
3VC-745	2,500	CLU-2521	3VC-743	1.0 Meg.	CLU-1052
3VC-652	3,500	CLU-3521	3VC-660	1.5 Meg.	CLU-1552
3VC-751	5,000	CLU-5021	3VC-661	2.0 Meg.	CLU-2052
3VC-653	7,500	CLU-7521	3VC-748	2.5 Meg.	CLU-2552
3VC-741	10,000	CLU-1031	3VC-662	3.5 Meg.	CLU-3052
3VC-654	15,000	CLU-1531	3VC-754	5.0 Meg.	CLU-5052
3VC-746	25,000	CLU-2531			

Net ea., any of above.

2.55 Net ea. .66

3VC-707 type CS-1 SPST switch for any of above.

OHMITE WIREWOUND INDUSTRIAL RHEOSTATS



Wirewound, vitreous enameled rheostats built with metal and ceramic only. For permanently smooth, and close control. Resistance wire is wound over a solid ceramic core, each turn locked by vitreous enamel. Copper graphite control brush, except * silver-graphite contact brush, assures positive contact and constant pressure. Ohmage above 5000 have silicone ceramic coating. All mount on panel up to 1/4" thick. Ratings indicated are at full setting. U.L. approved. Less knob. Av. shpg. wt., 10 oz.

MODEL E-12 1/2-WATT

7/8" dia. 1/4" Depth behind Panel.

MODEL H-25 WATT

1 1/2" Dia. 1 3/8" Depth behind Panel.

Stock No.	Mfg. No.	Ohms	Stock No.	Mfg. No.	Ohms	Net Each
3VC-755	0101*	1	3VC-600	0140*	4.63	3.94 3.10
3VC-756	0102*	2	3VC-601	0141*	4.63	3.94 3.10
3VC-757	0103	3	3VC-602	0142*	4.63	3.94 3.10
3VC-758	0104	6	3VC-603	0143*	4.63	3.94 3.10
3VC-759	0105	8	3VC-604	0144*	4.63	3.94 3.10
3VC-760	0106	10	3VC-605	0145*	4.63	3.94 3.10
3VC-761	0107	15	3VC-606	0146	4.11	3.49 2.75
3VC-762	0108	25	3VC-607	0147	4.11	3.49 2.75
3VC-763	0109	35	3VC-608	0148	4.11	3.49 2.75
3VC-764	0110	50	3VC-609	0149	4.11	3.49 2.75
3VC-765	0111	75	3VC-610	0150	4.11	3.49 2.75
3VC-766	0112	100	3VC-611	0151	4.11	3.49 2.75
3VC-767	0113	125	3VC-612	0152	4.11	3.49 2.75
3VC-768	0114	175	3VC-613	0153	4.11	3.49 2.75
3VC-769	0115	250	3VC-614	0154	4.11	3.49 2.75
3VC-770	0116	350	3VC-615	0155	4.11	3.49 2.75
3VC-771	0117	500	3VC-616	0156	4.11	3.49 2.75
3VC-772	0118	750	3VC-617	0157	4.11	3.49 2.75
3VC-773	0119	1000	3VC-618	0158	4.63	3.94 3.10
3VC-774	0120	1500	3VC-619	0159	4.63	3.94 3.10
3VC-775	0121	2500	3VC-620	0160	4.63	3.94 3.10
3VC-776	0122	3500	3VC-621	0161	4.90	4.17 3.28
3VC-777	0123	5000	3VC-622	0162	4.90	4.17 3.28
3VC-670	4190	7500	3VC-663	4200	5.06	4.30 3.39
3VC-671	4191	10,000	3VC-664	4201	5.06	4.30 3.39
3VC-668	4192	12,500			5.50	4.68 3.69
3VC-669	4193	15,000	3VC-665	4202	5.50	4.68 3.69
		20,000	3VC-666	4203	6.16	5.24 4.13
		25,000	3VC-667	4204	6.82	5.80 4.57
3VC-778	5151 Knob		3VC-779	5150 Knob		

Net ea. .29

Model H Net ea. .29

CRL COMPENTROLS



TYPE C1-A Continuously compensated volume control that automatically maintains depth and brilliance even at whisper level. Shaft length 3", Width 1 1/2". Shpg. wt., 5 oz.

Stock No.	Mfg. No.	Description	Net Ea.
VD-225	C1-60	1/2 meg, plain	2.35
VD-226	C1-60-S	1/2 meg, with switch	2.76
VD-227	C1-70	1 meg, plain	2.35
VD-228	C1-70-S	1 meg, with switch	2.76

TYPE C2-100—A compact dual concentric unit that permits any degree of compensation for low volume listening. Separate controls for volume and degree of compensation. Use in hi-fi, radio, TV, etc. Universal (replaces 100K to 1 meg) control. Supplied with dual knob. Shpg. wt., 6 oz.

VD-229 C2-100 Senior Compentrol Net 3.24

OHMITE "AB" 2-WATT COMP. POTS



Two watt, Molded elements, highly reliable, dust-proof, splash-proof, imbedded contacts. All have 2" round 1/4" shafts. All 1 1/2" diam. x 1 1/2", except CCU are 3/8" deep. Mount in 3/8" hole on up to 1/4" panels. All 10% tolerance except * are 20%. Avg. shpg. wt., 5 oz.

TYPES CU—LINEAR TAPER

Stock No.	Mfg. No.	Ohms	Stock No.	Mfg. No.	Ohms
3VC-728	CU-5001	50	3VC-679	CU-3531	35,000
3VC-723	CU-1011	100	3VC-731	CU-5031	50,000
3VC-672	CU-1511	150	3VC-680	CU-7531	75,000
3VC-732	CU-2511	250	3VC-726	CU-1041	1 Meg
3VC-673	CU-3511	350	3VC-681	CU-1541	15 Meg
3VC-729	CU-5011	500	3VC-735	CU-2541	25 Meg
3VC-674	CU-7511	750	3VC-682	CU-3541	35 Meg
3VC-724	CU-1021	1000	3VC-737	CU-5041	5 Meg
3VC-675	CU-1521	1500	3VC-683	CU-7542	75 Meg
3VC-733	CU-2521	2500	3VC-727	CU-1052	1 Meg*
3VC-676	CU-3521	3500	3VC-684	CU-1552	1.5 Meg*
3VC-730	CU-5021	5000	3VC-685	CU-2052	2 Meg*
3VC-677	CU-7521	7500	3VC-736	CU-2552	2.5 Meg*
3VC-725	CU-1031	10,000	3VC-686	CU-3552	3.5 Meg*
3VC-678	CU-1531	15,000	3VC-738	CU-5052	5 Meg*
3VC-734	CU-2531	25,000			

Any of above

Net ea. 1.95

CA and CB—LOGARITHMIC TAPERS

Type CA is clockwise, CB is counterclockwise.

Stock No.	Mfg. No.	Ohms	Stock No.	Mfg. No.	Ohms
3VC-713	CB-1031	10,000	3VC-710	CA-2541	250,000
3VC-714	CB-2531	25,000	3VC-712	CA-5041	500,000
3VC-715	CB-5031	50,000	3VC-709	CA-1052	1 Meg.*
3VC-708	CA-1041	100,000	3VC-711	CA-2552	2.5 Meg.*

Net each 2.25

TYPE CCU LINEAR TAPER DUALS

Stock No.	Mfg. No.	Ohms	Stock No.	Mfg. No.	Ohms
3VC-716	CCU-1031	10,000	3VC-720	CCU-2541	250,000
3VC-719	CCU-2531	25,000	3VC-722	CCU-5041	500,000
3VC-721	CCU-5031	50,000	3VC-718	CCU-1052	1 Meg.*
3VC-717	CCU-1041	100,000			

Net Each 5.85

3VC-707 Type CS-1 SPST SWITCH, for AB POTS Net .66

OHMITE TYPE "AS" MINIATURE MOLDED COMPOSITION POTENTIOMETER

* Meet MIL-R-94A Specs for Type RV6L Pots

Exceptionally reliable. Lightweight and compact. Only 1 1/2" long, 1/2" dia. Molded composition resistance and collector tracks bridged by a molded composition brush. Terminals molded directly into the control element. Unit is dust-tight, splash-proof and fungus resistant. Gold-plated terminals. Rated 0.5 watt continuous, 350v. Screwdriver slotted, shaft-locking type. Temp. range. —5 to 120°C. All linear taper type. Meet QQ-M-151, MIL-R-94A and Ela requirements. All tolerances ± 10% except * 20%. Shpg. wt. 2 oz.

Stock No.	Type	Ohms	Stock No.	Type	Ohms
3VC-687	3601	100	3VC-695	3609	50000
3VC-688	3602	250	3VC-696	3610	.1 meg.
3VC-689	3603	500	3VC-697	3611	.25 meg.
3VC-690	3604	1000	3VC-698	3612	.50 meg.
3VC-691	3605	2500	3VC-699	3613*	1.0 meg.
3VC-692	3606	5000	3VC-702	3684*	2.0 meg.
3VC-693	3607	10000	3VC-700	3614*	2.5 meg.
3VC-694	3608	25000	3VC-701	3615*	5.0 meg.

Net Each Singly 5.10

MALLORY T and L-PAD ATTENUATORS



For Level Control of low impedance audio circuits. Rated at 15 watts peak audio, 4 watts D.C. Accessories furnished: one bar knob, one Dial Plate, with matched rotation, one nut, one lock washer, 2" grooved shaft. Bushing 3/8 dia. x 3/8" long. Shpg. wt., 7 oz.

Stock No.	Mfg. No.	Ohms	Stock No.	Mfg. No.	Ohms
VC-143	L2	2	VC-151	L250	250
VC-144	L4	4	VC-152	L500	500
VC-145	L6	6	VC-153	L600	600
VC-146	L8	8	VC-154	L1000	1K
VC-147	L15	15	VC-155	L2000	2K
VC-148	L50	50	VC-156	L3000	3K
VC-149	L100	100	VC-157	L4000	4K
VC-150	L200	200			

Singly Each 2.68

Quantity Prices (No assortment)
Lots of 10, 2.59 Ea. Lots of 25, 2.46 Ea.
Lots of 50, 2.275 Ea. Lots of 100, 2.04 Ea.

LA - PADS

Same as above but with a 1" Bushing, 2 nuts, 2 lock washers, 1 1/2 x 1 1/2" dial plate. Shpg. wt., 8 oz.

Stock No.	Mfg. No.	Ohms	Stock No.	Mfg. No.	Ohms
VC-158	L8A	8	VC-159	L16A	16

Singly Each 2.79

Quantity Prices (No Assortment)
Lots of 10, 2.71 Ea. Lots of 25, 2.57 Ea.
Lots of 50, 2.37 Ea. Lots of 100, 2.14 Ea.

DUAL L-PADS

Ganged pads for stereo use. Same specifications as single L Pads bushing 3/8 x 3/4". Shpg. wt., 1 lb.

Stock No.	Mfg. No.	Ohms	Stock No.	Mfg. No.	Ohms
VC-163	LL8	8	VC-164	LL16	16
			VC-165	LL50	50

Singly Each 5.99

Quantity Prices (No assortment)
Lots of 10, 5.42 Ea. Lots of 25, 5.13 Ea.
Lots of 50, 4.75 Ea. Lots of 100, 4.27 Ea.

T-PADS

Stock No.	Mfg. No.	Ohms	Stock No.	Mfg. No.	Ohms
VC-171	T2	2	VC-178	T200	200
VC-172	T4	4	VC-179	T250	250
VC-173	T6	6	VC-180	T500	500
VC-174	T8	8	VC-181	T600	600
VC-175	T15	15	VC-182	T1000	1K
VC-176	T50	50	VC-183	T200	

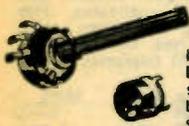
CTS - IRC CONTROLS

EXPLANATION OF IRC TAPERS

A. Linear, C. Logarithmic, audio or antenna shunt, D. Tapered both ends, grid bias and antenna. H. Tapped log.; automatic bass compensation. L. Left hand taper for focus control. P. Semi-log. reverse taper for picture control. Q. Same as P but steeper curve. R. Right hand taper for contrast and picture control. S. Special taper—based on specific application. U. Standard linear taper.

IRC Q CONTROLS WITH UNIVERSAL SHAFTS

Knurled, flattened and slotted, 3" shaft. 3/16" dia., 1/4" long bushing. Has removable shaft, interchangeable with special shafts listed on this page. *Includes 270 ohm, 1/2-watt fixed bias resistor. Less switch. See taper explanation above. Av. shpg. wt., 4 oz.



Stock No.	IRC Type	OHMS	Taper	Stock No.	IRC Type	OHMS	Taper
VC-961	Q11-201	250	A	VC-971	Q13-128	100K	C
VC-931	Q11-103	500	A	VC-962	Q11-228	125K	A
VC-932	Q11-105	750	A	VC-964	Q11-328	150K	A
VC-987	Q17-105	750	P	VC-979	Q13-328	150K	C
VC-933	Q11-108	1000	A	VC-947	Q11-129	200K	A
VC-988	Q17-108	1000	Q	VC-948	Q11-130	250K	A
VC-934	Q11-109	1500	A	VC-972	Q13-130	250K	C
VC-989	Q17-109	1500	Q	VC-949	Q11-131	300K	A
VC-935	Q11-110	2000	A	VC-950	Q11-132	350K	A
VC-990	Q17-110	2000	Q	VC-973	Q13-132	350K	C
VC-966	Q13-111	2500	C	VC-951	Q11-133	500K	A
VC-991	Q17-111	2500	Q	VC-974	Q13-133	500K	C
VC-936	Q11-112	3000	A	VC-983	Q14-133	500K	D
VC-992	Q17-112	3000	Q	VC-995	Q17-133	500K	Q
VC-937	Q11-114	5000	A	VC-952	Q11-134	600K	A
VC-987	Q13-114	5000	C	VC-953	Q11-136	750K	A
VC-993	Q17-114	5000	Q	VC-954	Q11-137	1 meg	A
VC-938	Q11-115	7500	A	VC-975	Q13-137	1 meg	C
VC-939	Q11-116*	10K	A	VC-984	Q14-137	1 meg	D
VC-968	Q13-116	10K	C	VC-996	Q17-137	1 meg	Q
VC-980	Q14-116*	10K	D	VC-955	Q11-138	1.5 meg	A
VC-994	Q17-116	10K	Q	VC-956	Q11-139	2 meg.	A
VC-940	Q11-119	20K	A	VC-976	Q13-139	2 meg.	C
VC-986	Q16,119	20K	S	VC-997	Q17-139	2 meg.	Q
VC-941	Q11-12*	25K	A	VC-963	Q11-239	2.5 meg.	A
VC-969	Q13-120	25K	C	VC-957	Q11-140	3 meg.	A
VC-981	Q14-120	25K	C	VC-977	Q13-140	3 meg.	C
VC-942	Q11-121	30K	A	VC-998	Q17-140	3 meg.	Q
VC-943	Q11-122	35K	A	VC-958	Q11-141	5 meg.	A
VC-944	Q11-123	50K	A	VC-965	Q12-141	5 meg.	S
VC-970	Q13-123	50K	C	VC-978	Q13-141	5 meg.	C
VC-982	Q14-123	50K	D	VC-999	Q17-141	5 meg.	Q
VC-945	Q11-125	75K	A	VC-959	Q11-142	7.5 meg.	A
VC-948	Q11-128	100K	A	VC-960	Q11-143	10 meg.	A
NET EACH							1.00

TAPPED Q CONTROLS

All values are in megohms except with * which are in ohms.

Stock No.	IRC Type	Megs	Taps	TPR.	Stock No.	IRC Type	Megs	Taps	TPR.
VD-153	Q17-105X	750*	250	S	VD-159	Q17-137X	1.0	35K	H
VD-154	Q17-110XX	2K*	250/500	S	VD-148	Q13-137X	1.0	250K	S
VD-144	Q13-118X	15K*	10K	S	VD-160	Q17-137XX	1.0	50K/100K	S
VD-145	Q13-118XX	15K*	5K/10K	S	VD-168	Q18-137X	1.0	100K	S
VD-155	Q17-118X	15K*	5K	S	VD-169	Q18-137XX	1.0	250K/1/5 meg	S
VD-156	Q17-118XX	15K*	5K/10K	S	VD-174	Q19-137X	1.0	.5 meg	S
VD-162	Q17-328XX	.15	19K/38K	S	VD-176	QVC-539X	1.0	.5 meg	S
VD-163	Q18-130X	.25	60K	H	VD-149	Q13-138X	1.5	.25 meg	S
VD-146	Q13-130X	.25	125K	S	VD-175	Q19-139X	2.0	50K	S
VD-164	Q18-130XX	.25	60K/120K	S	VD-161	Q17-139X	2.0	150K	S
VD-157	Q17-132X	.35	35K	S	VD-171	Q18-139XX	2.0	250K/.5 meg	S
VD-165	Q18-132X	.35	75K	H	VD-151	Q13-139XX	2.0	.5/1 meg	S
VD-158	Q17-133X	.5	25K	S	VD-150	Q13-139X	2.0	.5 meg	H
VD-166	Q18-133X	.5	50K	S	VD-170	Q18-139X	2.0	1 meg	S
VD-147	Q13-133X	.5	125K	H	VD-152	Q13-140X	3.0	900K	S
VD-173	Q19-133X	.5	250K	S	VD-172	Q18-140X	3.0	1.5 meg	S
VD-167	Q18-133XX	.5	100K/200K	S					
NET EACH									1.41

TYPE M ADD-ON MULTI-SECTIONS

Easily attached to Q controls to form ganged multi-section controls Shpg. wt., 2 oz.

Stock No.	IRC Type	OHMS	TPR.	Stock No.	IRC Type	OHMS	TPR.
VD-118	M11-103	500	A	VD-135	M13-130	250K	C
VD-119	M11-108	1K	A	VD-129	M11-133	500K	A
VD-120	M11-110	2K	A	VD-136	M13-133	500K	C
VD-121	M11-112	3K	A	VD-130	M11-137	1 meg	A
VD-122	M11-114	5K	A	VD-137	M13-137	1 meg	C
VD-123	M11-116	7.5K	A	VD-138	M13-138	1.5 meg	C
VD-141	M17-116	10K	Q	VD-131	M11-139	2 meg	A
VD-124	M11-120	25K	A	VD-139	M13-139	2 meg	C
VD-125	M11-121	30K	A	VD-140	M13-140	3 meg	C
VD-126	M11-123	50K	A	VD-142	M17-140	3 meg	Q
VD-127	M11-128	100K	A	VD-132	M11-141	5 meg	A
VD-134	M13-128	100K	C	VD-133	M11-143	10 meg	A
VD-128	M11-130	250K	A				
NET EACH							1.32

Q CONTROL SWITCHES

Quickly attached. U.L. Approved. Shpg. wt., 2 oz.

VD-10 Type 76-1	— SPST.	Net .59
VD-11 Type 76-2	— DPST.	Net .59
VD-14 Type 76-4	— SPDT.	Net .73

4 WATT WIRE WOUND TYPE WPK



Universal wire wound control. For replacement of 2, 3 and 4 watt controls. Dimensions: 1 1/4" dia., 3/8" deep behind mounting face. 3" long Knob Master Shaft. Shpg. wt., 4 oz.

Stock No.	Type	Ohms	TPR.	Stock No.	Type	Ohms	TPR.
VD-23	WPK-10	10	U	VD-40	WPK-1350R	1350	R
VD-24	WPK-20	20	U	VD-41	WPK-1500	1500	U
VD-25	WPK-30	30	U	VD-42	WPK-1500L	1500	L
VD-26	WPK-50	50	U	VD-43	WPK-2000	2000	U
VD-27	WPK-100	100	U	VD-44	WPK-2000L	2000	L
VD-28	WPK-200	200	U	VD-45	WPK-2250L	2250	L
VD-29	WPK-250	250	U	VD-46	WPK-2500	2500	U
VD-30	WPK-300	300	U	VD-47	WPK-2500R	2500	R
VD-31	WPK-400	400	U	VD-48	WPK-3000	3000	U
VD-32	WPK-500	500	U	VD-49	WPK-4000L	4000	L
VD-33	WPK-600	600	U	VD-50	WPK-5000	5000	U
VD-34	WPK-650	650	U	VD-54	WPK-5000L	5000	L
VD-35	WPK-750	750	U	VD-55	WPK-6000	6000	U
VD-36	WPK-750L	750	L	VD-51	WPK-6000L	6000	L
VD-37	WPK-750R	750	R	VD-52	WPK-7500	7500	U
VD-38	WPK-1000	1000	U	VD-53	WPK-7500L	7500	L
VD-39	WPK-1350	1350	U	VD-56	WPK-10000	10K	U
NET EACH							1.29

Stock No.	Type	Ohms	TPR.	Stock No.	Type	Ohms	TPR.
VD-57	WPK-12500	12.5K	U	VD-59	WPK-20000	20K	U
VD-58	WPK-15000	15K	U	VD-60	WPK-25000	25K	U
NET EACH							1.56

Stock No.	Type	Ohms	TPR.	Stock No.	Type	Ohms	TPR.
VD-61	WPK-30,000	30K	U	VD-63	WPK-50,000	50K	U
VD-62	WPK-40,000	40K	U				
NET EACH							1.79

TYPE WPS 4 WATT WIRE WOUND



Universal wire wound control. For replacement of 2, 3 and 4 watt controls. Dimensions: 1 1/4" dia., 3/8" deep behind mounting face. 3/4" long shaft, slotted and knurled. All types have linear taper except those marked * which have left hand taper for focus control.

Stock No.	IRC Type	Ohms	Tap	Stock No.	IRC Type	Ohms	Tap
VD-70	WPS-10X5	10	5	VD-83	WPS-200X100	200	100
VD-71	WPS-15X7.5	15	7.5	VD-84	WPS-250	250	—
VD-72	WPS-20X10	20	10	VD-85	WPS-500	500	—
VD-69	WPS-25	25	—	VD-86*	WPS-500L	500	—
VD-73	WPS-25X12.5	25	12.5	VD-87	WPS-1000	1000	—
VD-74	WPS-30X15	30	15	VD-88	WPS-1500	1500	—
VD-75	WPS-40	40	—	VD-89	WPS-2000	2000	—
VD-76	WPS-40X20	40	20	VD-90	WPS-2250	2250	—
VD-77	WPS-50X25	50	25	VD-91*	WPS-2250L	2250	—
VD-78	WPS-60	60	—	VD-92	WPS-2500	2500	—
VD-79	WPS-80X40	80	40	VD-93	WPS-3000	3000	—
VD-80	WPS-100X50	100	50	VD-94	WPS-4000	4000	—
VD-81	WPS-140X70	140	70	VD-95*	WPS-4000L	4000	—
VD-82	WPS-150X75	150	75	VD-96	WPS-5000	5000	—

Plain Controls each 1.29, Tapped Controls each 1.68

SWITCHES FOR "W" CONTROLS

VD-12 76-11 SPST Net .74 VD-13 76-12 DPST Net .74

WM MULTISECTION CONTROLS

4 watt "add-on" control sections for use with types WPK or WPS controls. Addition of WM section converts either of the above types to dual section control units. Size 3/8" deep + pot. dimensions. Shpg. wt., 2 oz.

Stock No.	IRC Type	Ohms	Stock No.	IRC Type	Ohms
VD-102	WM- 50	50	VD-109	WM-2000	2000
VD-103	WM- 100	100	VD-110	WM-2500	2500
VD-104	WM- 200	200	VD-111	WM-3000	3000
VD-105	WM- 250	250	VD-112	WM-5000	5000
VD-106	WM- 500	500	VD-114	WM-10000	10000
VD-107	WM-1000	1000			
VD-108	WM-1500	1500			

Any of the above Net 1.29



TYPE LC-2 LOUDNESS CONTROL



TYPE QJ-3 TV ATTENUATOR

A continuously compensated control that boosts lows and highs as volume is decreased. Specifically designed for the audio frequency spectrum. Maintains depth and brilliance even at whisper levels. Complete with instructions. Types 76-1, 76-2, or 76-4 switches may be added to this control. Shpg. wt., 4 oz. VD-16 Net 5.47

A ready adjustment of signal input to television sets. In most installations, it corrects or substantially reduces such conditions as: adjacent channel interference; background picture on weaker stations; poor definition. In service work it can be used to duplicate fringe area signals. Shpg. wt. 4 oz. VD-15 Net 2.59

SPECIAL Q CONTROL SHAFTS

Stock No.	Type	Description	Net	Stock No.	Type	Description	Net
VC-914	AQ	Master Shaft, 3" Long	.44	VC-923	NQ	3/10" Universal Shaft	.56
VC-915	AQ5	Master Shaft, 5" Long	.65	VC-924	PQ	1/4" full round shaft	.58
VC-916	BQ	Slotted Remote Auto Cntl.	.82	VC-925	RQ	1/4" slotted S.D. Shaft	.56
VC-917	GQ	Slotted Philco Shaft	.50	VC-926	SQ	3/4" slotted S.D. Shaft	.41
VC-918	HQ	RCA Shaft	.65	VC-927	TQ	Insulated Shaft	.56
VC-919	JQ	1/4" Shaft for Zenith	.65	VC-928	VQ	Same BQ, but with clutch	.82
VC-920	KQ	Motorola Shaft	.56	VC-929	VQ	Magnavox Shaft	.65
VC-921	LQ	Belmont and M.W. Shaft	.82	VC-930	WQ	Zenith Shaft	.65
VC-922	MQ	Belmont and M.W. Shaft	.82				

MALLORY CONTROLS



MALLORY MIDGETROL

A high quality round shaft carbon control only 15/16" in dia. to service radio sets, amplifiers and TV. Shaft can be easily cut to any required length, and is readily adaptable to any type knob. Supplied with two steel shaft and knob adaptors for knurled and push-on knobs, one Palmnut and instruction sheet. Shpg. wt., 3 oz.

Stock No.	Mfg. No.	Ohms	Tpr.	Stock No.	Mfg. No.	Ohms	Tpr.
VC-413	U-1	100	4	VC-439	U-36	75K	1
VC-414	U-2	500	4	VC-440	U-39	100K	1
VC-467	U-751R	750	2	VC-441	U-40	100K	2
VC-415	U-3	1K	2	VC-442	U-41	100K	4
VC-416	U-4	1K	4	VC-465	U-415	125K	4
VC-417	U-5	1500	2	VC-443	U-42	150K	1
VC-418	U-5L	1500	4	VC-444	U-43	300K	4
VC-419	U-6	2K	4	VC-445	U-44	250K	1
VC-420	U-7	2500	2	VC-446	U-45	250K	2
VC-421	U-8	3K	4	VC-447	U-46	250K	4
VC-422	U-9	3K	2	VC-448	U-48	500K	1
VC-423	U-12	5K	1	VC-449	U-50	500K	4
VC-424	U-14	5K	4	VC-450	U-51	750K	1
VC-425	U-18	10K	1	VC-451	U-52	1 Meg.	2
VC-426	U-19	10K	2	VC-452	U-52R	500	2
VC-427	U-20	10K	4	VC-453	U-53	1 Meg.	1
VC-428	U-21	15K	1	VC-454	U-54	1 Meg.	4
VC-429	U-22	15K	2	VC-455	U-155	1.5 Meg.	4
VC-430	U-24	20K	1	VC-453	U-55	2 Meg.	1
VC-431	U-26	20K	4	VC-456	U-56	2 Meg.	4
VC-432	U-28	25K	2	VC-457	U-255	2.5 Meg.	4
VC-433	U-28A	25K	1	VC-457	U-57	3 Meg.	1
VC-434	U-29	25K	4	VC-458	U-59	3 Meg.	4
VC-435	U-30	30K	4	VC-459	U-63	5 Meg.	2
VC-436	U-33	50K	1	VC-460	U-65	5 Meg.	1
VC-437	U-34	50K	2	VC-461	U-67	5 Meg.	4
VC-438	U-35	50K	4	VC-462	U-82	10 Meg.	4

Any of above QUANTITY PRICES—NO ASSORTMENT
Lots 25, ea. .91 Lots 50, ea. .85
Lots 100, ea. .76 Lots 175, ea. .73

SINGLE TAPPED MIDGETROLS

Stock No.	Mfg. No.	Ohms	Tap At	Stock No.	Mfg. No.	Ohms	Tap At
VC-494	UT-153	15K	10K	VC-502	UT-438	1 Meg.	300K
VC-512	UT-415	30K	25K	VC-504	UT-443	1 Meg.	450K
VC-495	UT-420	250K	50K	VC-507	UT-450	2 Meg.	125K
VC-496	UT-421	250K	150K	VC-505	UT-448	2 Meg.	250K
VC-497	UT-425	350K	70K	VC-509	UT-454	2 Meg.	400K
VC-498	UT-429	500K	50K	VC-506	UT-449	2 Meg.	600K
VC-499	UT-427	500K	100K	VC-508	UT-451	2 Meg.	900K
VC-500	UT-430	500K	150K	VC-510	UT-457	3 Meg.	900K
VC-501	UT-431	500K	225K	VC-511	UT-461	3.25 M.	300K
VC-503	UT-440	1 M.	200K				

DOUBLE TAPPED MIDGETROLS

Stock No.	Mfg. No.	Overall-Resistances	Tap Resistances Tap 1	Tap Resistances Tap 2
VC-477	UDT-283	500K	100K	200K
VC-483	UDT-289	1 Meg.	250K	500K
VC-478	UDT-291	1.5 Meg.	225K	500K
VC-479	UDT-295	2.25 Meg.	250K	500K
VC-480	UDT-296	2.25 Meg.	500K	1 Meg.
VC-482	UDT-303	3.3 Meg.	300K	1.5 Meg.

Any of above QUANTITY PRICES—NO ASSORTMENT
Lots 25, ea. 1.13 Lots 50, ea. 1.05
Lots 100, ea. .94 Lots 175, ea. .90

MIDGETROL ACCESSORIES

DS-36 Special 3" Extension Shaft. For tubular shaft Midgetrols and 2-watt wire-wound controls. Also couples front and rear sections together for single-shaft dual control. Shpg. wt., 2 oz. Net .32

DS-37 3/8" diameter shaft. For use with round-shaft Midgetrols to accommodate knobs requiring 3/8" shaft. Shpg. wt., 2 oz. Net .32

DS-381 (DS-37) Net .32

EB-158 Special Bushing. 3/8" -28 thread, 1 1/8" long with 3/8" milled double flat. Shpg. wt., 2 oz. Net .50

VC-382 (EB-158) Net .50

EB-214 Special Bushing 1/2" -28 thread, 2 3/8" long with .403 milled double flat. Shpg. wt., 2 oz. Net .53

VC-383 (EB-214) Net .53



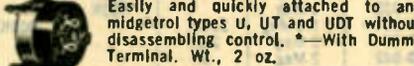
SU INSULATED SHAFT MIDGETROLS FOR TV

3/8" dia. carbon controls with 1/4" dia. fixed knurled and slotted phenolic shafts. Shaft protrudes 1/4" beyond bushing. Linear taper. With hex nut. Shpg. wt., 3 oz.

Stock No.	Mfg. No.	Ohms	Stock No.	Mfg. No.	Ohms
VC-389	SU-6	1500	VC-396	SU-46	250K
VC-390	SU-8	3K	VC-397	SU-50	500K
VC-391	SU-14	5K	VC-398	SU-54	1 Meg.
VC-392	SU-20	10K	VC-399	SU-56	2 Meg.
VC-393	SU-29	25K	VC-402	SU-565	2.5 Meg.
VC-394	SU-35	50K	VC-400	SU-59	3 Meg.
VC-395	SU-41	100K	VC-401	SU-67	5 Meg.
			VC-403	SU-69	7.5 Meg.

Any of the above QUANTITY PRICES—NO ASSORTMENT
Lots 25, ea. .84 Lots 50, ea. .77
Lots 100, ea. .69 Lots 175, ea. .66

ATTACHABLE MIDGETROL SWITCHES



Easily and quickly attached to any midgetrol types U, UT and UDT without disassembling control. *—With Dummy Terminal. Wt., 2 oz.

Stock No.	Mfg. No.	Description	1-2	Net ea. of a type	25-49	50-99	100-174
VC-522	US-26	S.P.S.T.	.41	.38	.35	.315	
VC-523	US-26T	S.P.S.T.*	.50	.46	.425	.383	
VC-524	US-27	D.P.S.T.	.50	.46	.425	.383	
VC-525	US-28	S.P.D.T.	.50	.46	.425	.383	



TYPE PP PUSH-PULL CONTROLS

Carbon element controls with a Push-Pull type SPST switch permanently attached. Shpg. wt., 4 oz.

Stock No.	Mfg. No.	Ohms	Taper
VC-296	PP-13R	1K	1
VC-276	PP-15A	100K	1
VC-299	PP-25L	200K	4
VC-280	PP-254A	250K	1
VC-285	PP-55A	500K	1
VC-287	PP-55L	500K	4
VC-277	PP-16A	1 Meg.	1
VC-278	PP-16L	1 Meg.	4
VC-293	PP-155I	1.5 Meg.	4
VC-282	PP-26A	2 Meg.	1
VC-295	PP-56L	5 Meg.	4

Any of above QUANTITY PRICES—NO ASSORTMENT
Lots 25, ea. 1.22 Lots 50, ea. 1.12
Lots 100, ea. 1.01 Lots 175, ea. .96

TAPPED AND DOUBLE TAPPED PUSH-PULL CONTROLS

Stock No.	Mfg. No.	Ohms	Tapped @	Taper
VC-281	PP-254DT154	250K	100K-150K	4
VC-283	PP-55T25	500K	200K	4
VC-286	PP-55DT1683	500K	84K-168K	4
VC-288	PP-55T254	500K	250K	1
VC-279	PP-16T55	1 Meg.	500K	2
VC-297	PP-16T15	1 Meg.	100K	1
VC-298	PP-16T25	1 Meg.	200K	2
VC-292	PP-16DT55	1 Meg.	250K-500K	4
VC-291	PP26DT16	2 Meg.	500K-1 Meg.	1
VC-290	PP-26T16	2 Meg.	1 Meg.	4
VC-294	PP-36DT26	3 Meg.	1 Meg-2 Meg.	4
VC-284	PP-46T26	4 Meg.	2 Meg.	4

Any of above QUANTITY PRICES—NO ASSORTMENT
Lots 25, ea. 1.43 Lots 50, ea. 1.32
Lots 100, ea. 1.19 Lots 175, ea. 1.13

THEATRE SPEAKER CONTROLS



Designed for use with Motigraph Simplex, International and other outdoor theatre motion picture equipment. Corrosion-resistant finish assures long, noise-free life. Shaft 1 1/8" dia. 3/8" -32 thread. Shpg. wt., 4 oz.

Stock No.	Mfg. No.	Ohms	Net each of a type			
			1-9	10-24	25-49	50-99
VC-364	TS-A 10	4-ohm-L Pad	1.12	1.06	.95	.815
VC-365	TS-A 5	35	1.32	1.26	1.13	.97
VC-366	TS-A 6	6	1.32	1.26	1.13	.97

EXPLANATION OF MALLORY TAPERS

Tapar No. 1—For audio or antenna shunt circuits.
Tapar No. 2—For series circuits or cathode voltage controls.
Tapar No. 4—Linear taper for voltage divider circuits.



SENSITIVITY CONTROLS

Replaces hum, balance, linearity, agc, hold controls, etc. Contact arm grounded to cup small wire wound, rated at 2 watts. Slot is provided for screw driver adjustment. *Stops at 100 ohms. All are rheostats except † are potentiometers. ** has polyethylene knob. Shpg. wt., 6 oz.

FLANGE MOUNTING RHEOSTATS AND POTENTIOMETERS

Stock No.	Mfg. No.	Ohms	Stock No.	Mfg. No.	Ohms
VC-108	FL-6	6	VC-117	FL-500	500
VC-106	FL-15	15	VC-118	FL-600	600
VC-107	FL-40P†	40	VC-119	FL-600S*	600
VC-110	FL-75	75	VC-120	FL-750	750
VC-121	FL-100	100	VC-100	FL-1K	1K
VC-111	FL-100P†	100	VC-101	FL-2K	2K
VC-112	FL-150	150	VC-102	FL-2KS*	2K
VC-113	FL-200	200	VC-103	FL-3K	3K
VC-114	FL-200P†	200	VC-104	FL-4K	4K
VC-115	FL-250	250	VC-105	FL-5K	5K
VC-116	FL-250P†	250			

Any type Above, Each .41

PRINTED CIRCUIT RHEOSTATS

Stock No.	Mfg. No.	Ohms	Stock No.	Mfg. No.	Ohms
VC-129	PFL-1.5	1.5	VC-137	PFL-1K	1000
VC-130	PFL-15	15	VC-133	PFL-1.5K	1500
VC-131	PFL-60A**	60	VC-134	PFL-3K	3000
VC-131	PFL-100	100	VC-135	PFL-4K	4000
VC-139	PFL-100A**	100	VC-136	PFL-5K	5000
VC-132	PFL-600	600			

CARBON TRANSISTOR CONTROLS

Linear taper (4) rated 1/4 Watt; Audio taper (1) rated 1/2 Watt Diam. 1/2" Universal 1/8" steel shaft 1 1/4" long with 1/4"-32 bushing and screw-driver slot except * has 3/8" long nylon shaft. Shpg. wt., 4 oz.

Stock No.	Mfg. No.	Ohms	Tpr.	Stock No.	Mfg. No.	Ohms	Tpr.
VC-530	MLC13L	1K	4	VC-536	MLC15A	100K	1
VC-531	MLC252A	2500	1	VC-551	MLC15L	100K	4
VC-532	MLC53A	5K	1	VC-537	MLC256	200K	4
VC-533	MLC53L	5K	4	VC-538	MLC254L	250K	4
VC-534	MLC14L	10K	4	VC-539	MLC55L*	500K	4
VC-535	MLC54L	50K	4	VC-540	MLCN16A*	1 Meg	1
				VC-541	MLCN16L*	1 Meg	4

Any of above QUANTITY PRICES—NO ASSORTMENT
Lots 25, ea. 1.03 Lots 50, ea. .95
Lots 100, ea. .85 Lots 175, ea. .81

SWITCH TYPES

Same as above but with an S. P. S. T. Switch rated at 2 Amp. 125 VAC.

Stock No.	Mfg. No.	Ohms	Tpr.	Stock No.	Mfg. No.	Ohms	Tpr.
VC-542	MLC222L-S	2200	4	VC-547	MLC55A-S	500K	1
VC-543	MLC252A-S	2500	1	VC-548	MLC55L-S	500K	4
VC-544	MLC53A-S	5K	1	VC-549	MLC16A-S	1 Meg	1
VC-545	MLC53L-S	5K	4	VC-550	MLC16L-S	1 Meg	4
VC-546	MLC14A-S	10K	1				

Any of above QUANTITY PRICES—NO ASSORTMENT
Lots 25, ea. 1.67 Lots 50, ea. 1.55
Lots 100, ea. 1.39 Lots 175, ea. 1.33

VOLUME CONTROL ACCESSORIES

Stock No.	Mfg. No.	Shpg. wt., 3 oz.	Description	Net
VC-345	EB-247	A	Extends control body 3/8" from surface	.41
VC-344	178	D	Wrench for 1/2 - 3/8" V.C. hex nuts	.50
VC-349	RS242	E	Ext. shaft 4x1/4x1/2" flat	.56
VC-350	RS243	E	Ext. shaft 4x1/4x3/4" flat	.56
VC-351	RS244	E	Ext. shaft 4x1/4x1/2" flat	.56
VC-352	RS245	E	Ext. shaft 2x1/4" with 3/32" slot	.79
VC-346	EC240	B	Couples 1/4" shaft to 1/4" 3/8" shafts	.59
VC-353	UB241	C	Bushing for panel mounting	.09
VC-348	RB245	F	Mtg. Bkt. 2 1/2" Mtg. centers	.27
VC-347	RB248	F	Mtg. Bkt. 1 3/4" Mtg. centers	.21



CLAROSTAT CONTROLS



A47 SERIES 1/2 WATT CONTROLS

Universal type carbon control for servicing HI FI, Radio, TV and amplifiers. Shaft interchangeable with

special shafts listed on center of page. Each control supplied with 3" long knurled split shaft. Body dim. 1/4" dia. x 3/4" deep with 3/8" long bushing. Av. shgp. wt., 4 oz.

Stock No.	Ohms	Taper	Stock No.	Ohms	Taper
VD-847	500	S	VD-874	75K	S
VD-848	750	S	VD-875	100K	S
VD-849	1000	S	VD-876	100K	Z
VD-850	1500	S	VD-877	150K	S
VD-851	2000	S	VD-878	200K	S
VD-852	2500	S	VD-879	250K	S
VD-853	3000	S	VD-880	250K	Z
VD-854	4000	S	VD-881	300K	S
VD-855	5000	S	VD-882	500K	S
VD-856	7500	S	VD-883	500K	Z
VD-857	10K	S	VD-884	750K	S
VD-858	10K	V	VD-885	750K	Z
VD-859	10K	W	VD-886	1 Meg	S
VD-860	10K	Z	VD-887	1 Meg	Z
VD-861	15K	S	VD-888	1.5 Meg	S
VD-862	15K	V	VD-889	2 Meg	Z
VD-863	15K	W	VD-890	2 Meg	S
VD-864	20K	S	VD-891	2.5 Meg	S
VD-865	25K	S	VD-892	3 Meg	S
VD-866	25K	W	VD-893	3 Meg	Z
VD-867	25K	V	VD-894	4 Meg	S
VD-868	30K	S	VD-895	4 Meg	Z
VD-869	40K	S	VD-896	5 Meg	Z
VD-870	50K	S	VD-897	5 Meg	S
VD-871	50K	W	VD-898	7.5 Meg	S
VD-872	50K	Z	VD-899	10 Meg	S
VD-873	75K	Z			

Any type above . . . Each .91



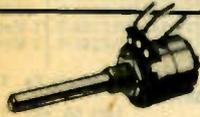
AD-47 1/2-WATT DUAL CONTROLS

Same as A47 series but front and rear section operated on

a single shaft. 1/4" dia., 1/2" deep. 3/8" long bushing. Av. shgp. wt., 6 oz.

Front			Rear		
Stock No.	Ohms	Taper	Stock No.	Ohms	Taper
VD-900	50K	S	50K	S	S
VD-901	100K	S	100K	S	S
VD-902	250K	S	250K	S	S
VD-903	250K	Z	250K	S	Z
VD-904	500K	S	500K	S	Z
VD-905	500K	Z	500K	S	Z
VD-906	1 Meg	S	1 Meg	S	Z
VD-907	1 Meg	Z	1 Meg	S	Z
VD-908	2 Meg	S	2 Meg	S	V
VD-909	2 Meg	V	2 Meg	S	V
VD-910	2 Meg	Z	2 Meg	S	Z
VD-911	5 Meg	S	5 Meg	S	Z

Any type above . . . Each 2.20



C47S PUSH-PULL CONTROL

Same as A47 series but with push-pull switch. Av.

1/4" dia., 1 1/4" deep x 1/2" long bushing. Av. Shgp. wt., 6 oz.

Stock No.	Ohms	Taper	Stock No.	Ohms	Taper
VD-913	1000	V	VD-918	750K	Z
VD-912	250K	V	VD-919	1 Meg	Z
VD-914	250K	Z	VD-920	1 Meg	Z
VD-915	500K	S	VD-921	2 Meg	Z
VD-916	500K	Z	VD-922	2 Meg	Z
VD-917	750K	S			

Any type above . . . Each 1.50

SERIES C47SF TAPPED PUSH-PULL CONTROLS

Stock No.	Ohms	Tapped	Stock No.	Ohms	Tapped
VD-923	500K	250K	VD-926	1 Meg	250K
VD-924	500K	150K	VD-927	2 Meg	1 Meg
VD-925	1 Meg	500K			

Any type above . . . Each 1.81

A47F SERIES TAPPED CONTROLS

Same as the "A47" series but tapped. Av. shgp. wt., 4 oz.

Stock No.	Ohms	Tap. 1	Tap. 2	Tap. 3
VD-814	15K	5K		10K
VD-817	30K	10K		
VD-818	50K		25K	
VD-818	200K			100K
VD-819	250K			50K
VD-820	250K		125K	
VD-821	250K	60K		125K
VD-822	350K	75K		
VD-823	350K		75K	
VD-824	500K			100K
VD-825	500K	25K		
VD-826	500K			200K
VD-827	500K		100K	
VD-828	500K		50K	
VD-829	500K		250K	
VD-830	500K	100K		300K
VD-831	1 Meg	250K		
VD-832	1 Meg		50K	200K
VD-833	1 Meg		100K	
VD-836	1 Meg		225K	
VD-837	1 Meg		500K	
VD-834	1.5 Meg	250K		500K
VD-841	2 Meg	20K		
VD-842	2 Meg	5K		
VD-839	2 Meg	15K		
VD-840	2 Meg		1 Meg	
VD-843	2 Meg		200K	
VD-844	2 Meg		400K	
VD-838	2 Meg		500K	
VD-837	2 Meg	250K		1 Meg
VD-845	2.5 Meg	250K		500K
VD-846	3 Meg		250K	

Any Type Above . . . Each 1.32



ATTACHABLE SWITCHES

For use with "A47", "A47F" and "AD47" series controls. U/L approved. *DPST has one pole on, one pole off or with jumper it is SPDT. Shgp. wt., 2 oz.

Stock No.	Description	Net Each
VD-967	SPST 5A-125VAC	.44
VD-964	SPST 15A-10VDC	.65
VD-965	DPST 3A-125VAC	.50
VD-966*	DPST 3A-125VAC/DC	.50
VD-968	DPST 15A-10VDC	.65

SPECIAL A47 CONTROL SHAFTS

Interchangeable with shafts of A47, A47F and AD47.

Stock No.	Description
VE-42	3/8" long (Male) to take female fitting
VE-43	2" long Round Shaft
VE-44	3" long 3/4" dia. Round Shaft
VE-45	3" long Knurled Split Shaft
VE-46	3" long Round Shaft
VE-47	5" long Flatted
VE-48	5" long Knurled Split Shaft
VE-49	3" long Flatted Shaft
VE-50	3" long Round Shaft
VE-51	1/2" long Double Flatted Philco Type
VE-52	1/4" long Fine Knurled Slotted Shaft
VE-53	1/2" long Fine Slotted Shaft.

Any type above, Each .32



B47 1/2-WATT TAB MOUNT

Designed for applications where bushingless controls are required. Has phenolic shaft. 1/4" dia. x 3/4" deep with 1" shaft. Av. shgp wt., 6 oz.

Stock No.	Ohms	Taper	Stock No.	Ohms	Taper
VD-928	500	S	VD-941	250K	Z
VD-929	750	S	VD-942	330K	S
VD-930	1000	S	VD-943	500K	Z
VD-931	1500	S	VD-944	500K	S
VD-932	2500	S	VD-945	1 Meg	S
VD-933	3K	S	VD-946	1 Meg	Z
VD-934	5K	S	VD-947	1.5 Meg	S
VD-935	10K	S	VD-948	2 Meg	S
VD-936	25K	S	VD-949	2.5 Meg	S
VD-937	50K	S	VD-953	3 Meg	S
VD-938	100K	S	VD-952	5 Meg	S
VD-939	150K	S	VD-954	5 Meg	Z
VD-940	200K	S	VD-955	7.5 Meg	S

Any type above . . . Each .59

B47S TAB MOUNT WITH SWITCH

Same as B47 with on/off switch. Size: 1/4" dia. x 1" deep with 1 1/2" metal shaft.

Stock No.	Ohms	Taper	Stock No.	Ohms	Taper
VD-956	250K	S	VD-960	1 Meg	S
VD-957	250K	Z	VD-961	1 Meg	Z
VD-958	500K	S	VD-962	2 Meg	S
VD-959	500K	Z	VD-963	2 Meg	Z

Any type above . . . Each 1.18

EXPLANATION OF CLAROSTAT TAPERS

S—Straight or uniform res. change with rotation
 V—Right-hand 20% res. at 50% of CW rotation
 W—Left-hand 20% res. at 50% of CW rotation
 Z—Left-hand (log audio) 10% res. at 50% of CW rotation



SERIES 39 HUMDINGER CONTROL

Two-watt wire wound for hum balancing. AGC, sensitivity etc. Slot provided for screwdriver adjustment. ± 20% tol. linear type. Control arm grounded. Overall dim. 1 1/4". Shgp wt., 6 oz.

Stock No.	Tot. Res. Ohms	Min. Res. Ohms	Stock No.	Tot. Res. Ohms	Min. Res. Ohms
VE-58	5		VE-20	700	
VE-57	8		VE-21	800	200
VE-60	50		VE-22	800	
VE-59	75		VE-23	1000	50
VE-10	100		VE-24	1000	100
VE-11	125		VE-25	1500	
VE-12	150		VE-26	2000	
VE-13	200		VE-27	2000	100
VE-14	300		VE-28	3000	
VE-15	500		VE-29	3000	700
VE-16	500	100	VE-32	4000	
VE-17	600		VE-33	4000	350
VE-18	650		VE-30	4000	1000
VE-19	700		VE-31	5000	

Any type above . . . Each .41



SERIES 58 4-WATT CONTROLS

Linear, wire, wound, 10% tolerance, highly stable, smooth operation. Shaft 1 1/2" long, 3/8" bushing, 1/4" diam. wt., 4 oz.

Stock No.	Type	Ohms	Net	Stock No.	Type	Ohms	Net
VD-350	58-1	1	.91	VD-366	58-400	400	.91
VD-351	58-2	2	.91	VD-367	59-500	500	.91
VD-352	58-4	4	.91	VD-368	58-750	750	.91
VD-353	58-6	6	.91	VD-369	58-1000	1K	.91
VD-354	58-10	10	.91	VD-370	58-1500	1.5K	.91
VD-355	58-15	15	.91	VD-371	58-2000	2K	.91
VD-356	58-20	20	.91	VD-372	58-3000	3K	.91
VD-357	58-25	25	.91	VD-373	58-5000	5K	.91
VD-358	58-30	30	.91	VD-374	58-7500	7.5K	.91
VD-359	58-40	40	.91	VD-375	58-10K	10K	.91
VD-360	58-50	50	.91	VD-376	58-15K	15K	1.18
VD-361	58-60	60	.91	VD-377	58-20K	20K	1.18
VD-362	58-75	75	.91	VD-378	58-25K	25K	1.18
VD-354	58-100	100	.91	VD-379	58-30K	30K	1.59
VD-364	58-200	200	.91	VD-380	58-40K	40K	1.59
VD-365	58-300	300	.91	VD-381	58-50K	50K	1.59

58C1 SERIES 5% CONTROL
 Same as series 58 except ± 5% tol.

Stock No.	Ohms	Stock No.	Ohms
VE-54	10	VE-56	1000
VE-55	100		

Any type above . . . Each 1.32

SPECIAL DRIVE IN THEATRE L PADS

For theatre and similar sound systems. Replacement for RCA, International, Motograph, and Simpley Equip and other applications. * 8 ohm L pad has 2 separate winds of 5 ohms and 40 ohms. Units have 3/8-32 bushing 3/8" long and 1 1/2" round shaft. Shgp. wt., 4 oz.

Stock No.	Ohms	Net Each
VD-813	8 ohm L pad with 2 windings*	1.77
VD-816	50 ohm linear rheostat	1.29
VD-812	35 ohm Tapered rheostat	1.29



CONSTANT IMPEDANCE 10-WATT OUTPUT ATTENUATORS

Series CIB rated at 10-watts but will handle up to 30-watts in audio circuits. Linear attenuation provided in 3 db steps up to 24 db., then 30 db followed by infinity. Supplied with dial plate and bar knob. One hole mounting 3/8" bushing dia. 1" shaft. Shgp. wt., 4 oz.

Stock No.	Ohms	Stock No.	Ohms
VE-40	6	VE-36	200
VE-41	8	VE-37	250
VE-34	15	VE-38	500
VE-35	50	VE-39	600

Any type above . . . Each 7.70

CLAROSTAT EXACT REPLACEMENT T.V. CONTROLS

These controls are identical to the originals in every detail. Just remove old control and substitute the Clarostat RTV. To determine the proper replacement look for

the mfr's no. on the control. Then check the list below for the mfr's part number and order your control by the stock no. Av. shpg. wt., 6 oz.

Stock No.	Mfr. No.	TV Part No.	Net
VD-615	RTV-47	75B11-13	2.68
VD-624	RTV-214	75B11-16	2.68
VD-624	RTV-214	75B11-18	2.68
VD-645	RTV-395	75B11-21	2.62
VD-667	RTV-552	75B11-28	2.62
VD-739	RTV-51	75B12-3	3.06
VD-745	RTV-647	75B17-22	2.21
AIR KING			
VD-641	RTV-361	PB24142	3.06
ARVIN			
VD-623	RTV-196	D22464-9	2.62
BEL-RAY			
VD-655	RTV-486	10A-23714	2.62
BENDIX			
VD-748	RTV-156	262036-1	2.21
CAPEHART-FARNSWORTH			
VD-750	RTV-418	453337A-1	2.62
CROSLY			
VD-629	RTV-245	C-149220	3.06
VD-642	RTV-370	C-154085-C	2.62
DUMONT			
VD-752	RTV-219	01028210	3.06
EMERSON			
VD-633	RTV-296	390184	2.62
VD-755	RTV-378	390207	2.62
VD-756	RTV-390	390342	2.62
VD-669	RTV-585	390407	2.62
GENERAL ELECTRIC			
VD-626	RTV-230	K71J71-2	3.06
VD-759	RTV-431	K83J941-1	3.06
VD-670	RTV-655	K115884-3	1.35
VD-674	RTV-668	K1171687	1.50
VD-649	RTV-439	K119166-1	3.06
VD-759	RTV-431	K119187-1	3.06
VD-761	RTV-488	M78J446-3	2.62
VD-761	RTV-488	M78J784-1	2.62

Stock No.	Mfr. No.	TV Part No.	Net
VD-766	RTV-521	M163J9-1	2.62
VD-626	RTV-230	RRC-131	3.06
VD-649	RTV-439	RRC-233	3.06
VD-643	RTV-377	RRC-192	2.62
HALLICRAFTERS			
VD-628	RTV-235	25B895	2.20
VD-767	RTV-234	25B898	2.62
VD-767	RTV-234	25B997	2.62
MOTOROLA			
VD-771	RTV-432	18B720263	3.47
VD-771	RTV-432	18B722190	3.47
VD-664	RTV-461	18B730149	3.47
VD-775	RTV-643	18B733221	3.06
VD-666	RTV-498	18B733314	3.06
VD-659	RTV-549	18B736125	3.06
VD-619	RTV-112	18A790166	3.47
VD-619	RTV-112	18A792009	3.47
VD-659	RTV-549	18B739822A	3.06
MUNTZ			
VD-786	RTV-444	C-8.230-1	2.68
VD-787	RTV-315	VC-0033, B, C, D	2.62
VD-635	RTV-316	VC-0040, A, B, C	2.62
OLYMPIC			
VD-637	RTV-319	PT-2273-B	2.62
PHILCO			
VD-791	RTV-242	33-5563-27	2.21
VD-792	RTV-308	33-5563-36	3.06
VD-639	RTV-345	33-5563-42	2.62
VD-639	RTV-345	33-5563-44	2.62
VD-793	RTV-358	33-5563-50	2.21
VD-640	RTV-359	33-5563-51	2.62
VD-675	RTV-680	33-5592-39	2.62
RCA			
VD-797	RTV-110	970913-26	2.21
VD-798	RTV-191	970913-27	2.21
VD-799	RTV-501	971268-3	3.06
VD-621	RTV-193	971312-1/75514	3.12
VD-647	RTV-406	971666-9/77655	3.12
VD-650	RTV-443	971666-15/78208	3.06
VD-658	RTV-544	972445-2/100292	3.47

Stock No.	Mfr. No.	TV Part No.	Net
VD-801	RTV-305	A24124	2.62
VD-801	RTV-305	PB-24124A	2.62
VD-801	RTV-305	A24142	2.62
VD-641	RTV-361	PB-24142	3.06
STROMBERG-CARLSON			
VD-654	RTV-462	145148	2.68
SYLVANIA			
VD-644	RTV-388	157-0019	3.12
VD-631	RTV-260	37-73153-1-2	3.06
VD-631	RTV-260	R73153	3.06
VD-644	RTV-388	37-73876-3	3.12
TELE-VOGUE			
VD-635	RTV-316	VC-0040-A	2.62
WESTINGHOUSE			
VD-806	RTV-317	V-9877-1	3.06
VD-807	RTV-288	V-9877-2, 3	3.06
VD-806	RTV-317	V-9877-10	3.06
VD-653	RTV-455	V-9877M-7	3.06
VD-810	RTV-511	V-14391-3	2.62
VD-811	RTV-523	V-14391-4	2.68
VD-672	RTV-662	270W002M02	2.68
VD-673	RTV-665	270V051H01	1.50
ZENITH			
VD-616	RTV-98	63-1670	1.32

IRC PW-10 POWER RESISTORS



10 Watt wire wound resistors with axial leads. Rectangular ceramic body.

Ohms	Dhms	Ohms	Dhms	Ohms	Dhms
1	30	300	1000	3500	8500
2	40	350	1200	3900	9000
3	50	400	1250	4000	10,000
4	75	500	1500	4500	12,000
5	100	600	1750	5000	12,500
75	120	700	2000	6000	15,000
10	125	750	2250	7000	20,000
15	150	800	2500	7500	25,000
20	200	820	3000	8000	
25	250	900	3300	8200	

RS-102 Specify values... 1-99 assorted Net ea. .35
100-up assorted Net ea. .25

IRC RESIST-O-GUIDE



Pocket size guide, identifies resistance values and color code. Simply dial the colors or resistance values; corresponding data comes up automatically. MH, EIA, and standard values listed on reverse side.

RS-108 Net Ea. .15

FUSIBLE RESISTORS



Replacements for Motorola, Crosley, Emerson, Raytheon, Philco, Hoffman, Hallcrafters, Trutone, Sears, Montgomery Ward, Sentinel, Arvin and many others. Shpg. wt., 5 oz.

TS-253	Kit of 4	5.6 Ohms	Net
TS-254	Kit of 4	7.5 Ohms	.76
TS-255	Kit of 4	9.0 Ohms	
TS-256	Kit of 4	22 Ohms	Each Kit
TS-322	Kit of 4	4.7 Ohms	
TS-323	Kit 1 each of 5 values		Net .95

LONG SHAFT CONTROL WITH SWITCH



VC-10, 1 Meg. } AUDIO TAPER
VC-11, 1/2 Meg. }

2 1/2" Long round shaft 1/4" Dig 3/8"
Bushing Each .49
Lots of 10 Each .39

MALLORY 2-WATT WIREWOUND TV & INDUSTRIAL POTS



Dust-proof phenolic case 1 1/2" diameter. Insulated contact arm type 900 V. AC insulation. All have linear taper. Knurled screwdriver slotted stub shaft with 3/8" standard bushing. With patent. Shpg. wt., 4 oz.

Stock No.	Type	Ohms	Stock No.	Type	Ohms
VC-306	R2L	2	VC-323	R50L	50
VC-307	R3L	3	VC-324	R100L	100
VC-308	R5L	5	VC-325	R250L	250
VC-309	R6L	6	VC-326	R500L	500
VC-310	R8L	8	VC-327	R750L	750
VC-311	R10L	10	VC-328	R100L	1K
VC-314	R15L	15	VC-329	R1500L	1500
VC-316	R20L	20	VC-330	R2500L	2500
VC-319	R25L	25	VC-331	R3000L	3000
VC-321	R30L	30	VC-332	R5000L	5000

NET EACH } Singly, .91
Lots 10, Ea. .84
Lots 50, Ea. .77
Lots 100, Ea. .70
Lots 250, Ea. .62

CENTER TAPPED CONTROLS

Stock No.	Type	Ohms	1-9	10-49	50-99	249 & up	
VC-333	R7500L	7500	1.06	.97	.90	.81	.72
VC-312	R10ML	10K	1.06	.97	.90	.81	.72
VC-315	R15ML	15K	1.06	.97	.90	.81	.72
VC-318	R20ML	20K	1.06	.97	.90	.81	.72

SWITCHES FOR 2-WATT POTS

Stock No.	Mfg.	Type	1-9	10-49	50-99	249 & up	
VC-526	US30	SPST	.41	.38	.35	.31	.28
VC-527	US32	DPST	.53	.49	.45	.40	.36

TV FOCUS CONTROLS



1 1/2" dia. 4 watt, wire-wound with taper. 2" round shaft with slot. Shaft length, 2". Shpg. wt., 4 oz.

Stock No.	Mfg. No.	Ohms	Stock No.	Mfg. No.	Ohms
VC-372	TVF 140	1500	VC-373	TVF 143	2500

Net Each 1.32

IRC AUTO RADIO CONTROLS



These controls will replace your older ones without any change. Avg. shpg. wt., 8 oz.

BUICK

Stock No.	Year	Part No.	Net Ea.
VC-822	1946-53	18B512084	2.09
VC-817	1954-56	18K33457	2.09

CHEVROLET

VC-818	1949-50	7258084	2.47
VC-820	1951-52	1219708	2.47
VC-824	1953-54	7262941	2.47
VC-825	1953-54	7264210	2.47
VC-817	1953-56	18K33457	2.09
VC-826	1955	7265265	2.47
VC-827	1955-56	7265220	2.47
VC-830	1956	7266842	2.47
VC-828	1955-57	7265302	2.47
VC-829	1955-58	7265193	2.47
VC-833	1957	7269186	2.47
VC-823	1958	7270450	2.47
VC-835	1958	7270479	2.47
VC-836	1959	7273302	2.47
VC-840	1959	7273367	2.47
VC-892	1960	7275710	2.47
VC-893	1961	7278528	1.91
VC-894	1961	7276939	1.91

FORD

VC-800	1948-50	L222808	2.09
VC-801	1950	18B591266	2.09
VC-804	1952-53	L219586-3	2.09
VC-805	1952-53	18K511635	2.09
VC-806	1954	L219586-7	2.09
VC-808	1955	L219565-1	1.38
VC-809	1955	18B531299	1.38
VC-810	1956	L219681-1	2.09
VC-811	1956	18B534483	2.09
VC-812	1957	2090035-1	2.09
VC-813	1957	18K539059	2.09
VC-815	1957-58	2090035-2	2.09
VC-843	1959	2090035-3	2.09
VC-895	1960	2090405-1	1.91
VC-896	1960	18C562768	1.91
VC-897	1961	2090405-8	1.91

OLDSMOBILE

VC-822	1951-52	18B512084	2.09
VC-817	1954-56	18K33457	2.09

PLYMOUTH

VC-837	1952	18A501616	1.38
VC-844	1956	18B536704	2.09
VC-846	1957	18B540376	1.38
VC-898	1960	18B563140	1.91

PONTIAC

VC-817	1955-56	18K33457	2.09
VC-886	1951-52	7260043	2.47
VC-888	1955-56	7265495	2.47
VC-899	1960	7275708	2.52
VC-900	1961	7277542	1.95

VOLKSWAGEN

VC-817	1953-56	18K33457	2.09
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RESISTORS

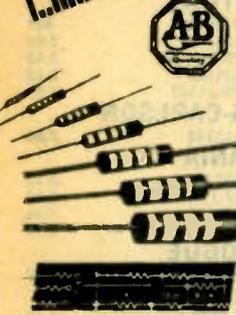


OHMITE

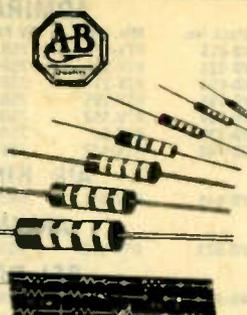


ALLEN-BRADLEY AND IRC RESISTORS

MASTER CHART EIA (RETMA) VALUES—SPECIFY RESISTANCE WANTED



Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Megs	Megs	Megs
0.24	1.1	5.1	24	110	510	2400	11,000	51,000	0.24	1.1	5.1
0.27*	1.2*	5.6*	27*	120*	560*	2700*	12,000	56,000*	0.27*	1.2*	5.6*
0.30	1.3	6.2	30	130	620	3000	13,000	62,000	0.30	1.3	6.2
0.33*	1.5*	6.8*	33*	150*	680*	3300*	15,000	68,000*	0.33*	1.5*	6.8*
0.36	1.6	7.5	36	160	750	3600	16,000	75,000	0.36	1.6	7.5
0.39*	1.8*	8.2*	39*	180*	820*	3900*	18,000*	82,000*	0.39*	1.8*	8.2*
0.43	2.0	9.1	43	200	910	4300	20,000	91,000	0.43	2.0	9.1
0.47*	2.2*	10*	47*	220*	1000*	4700*	22,000*	101,000*	0.1 meg*	0.47*	2.2*
0.51	2.4	11	51	240	1100	5100	24,000	111,000	0.11 meg	0.51	2.4
0.56*	2.7*	12*	56*	270*	1200*	5600*	27,000*	121,000*	0.12 meg*	0.56*	2.7*
0.62	3.0	13	62	300	1300	6200	30,000	131,000	0.13 meg	0.62	3.0
0.68*	3.3*	15*	68*	330*	1500*	6800*	33,000*	151,000*	0.15 meg*	0.68*	3.3*
0.75	3.6	16	75	360	1600	7500	36,000	161,000	0.16 meg	0.75	3.6
0.82*	3.9*	18*	82*	390*	1800*	8200*	39,000*	181,000*	0.18 meg*	0.82*	3.9*
0.91	4.3	20	91	430	2000	9100	43,000	201,000	0.20 meg	0.91	4.3
1.0*	4.7*	22*	100*	470*	2200*	10,000*	47,000*	221,000*	0.22 meg*	1.0*	4.7*



ALLEN-BRADLEY—OHMITE and IRC RESISTORS

CARBON TYPES

Molded, insulated resistors that meet rigid MIL-R-11C specifications. EIA (RETMA) color coded. Brand new factory fresh stock with full length leads. Sizes: .140Lx.067" (1/10-watt); 3/16Lx3/16" (1/2-watt); 1/4Lx1/4" (1-watt); 3/8Lx3/8" (2-watt).

10% TOLERANCE CARBON TYPES

Available within limits of ranges listed below and in sizes shown in master chart with asterisk.

Stock No.	MIL Watts Equiv.	Range	Net Each, Assorted				Net Ea. (Assorted but Min. 100 of a Value)			
			1-4	5-49	50-99	249	100-	250-	500-	1000
RS-24C	1/10	10 ohms to 1 meg	.14	.20	.16	.14	.122	.112	.105	
RS-10C	1/2 RC-20	10 ohms to 22 megs	.10	.09	.06	.04	.04	.032	.03	
RS-11C	1 RC-32	10 ohms to 22 megs	.16	.11	.085	.06	.05	.045	.042	
RS-12C	2 RC-42	10 ohms to 22 megs	.22	.19	.14	.11	.09	.08	.075	

5% TOLERANCE CARBON TYPES

Available within limits of ranges below, in all sizes shown in master chart.

Stock No.	MIL Watts Equiv.	Range	Net Each, Assorted				Net Ea. (Assorted but Min. 100 of a Value)			
			1-4	5-49	50-99	249	100-	250-	500-	1000
RS-13C	1/2 RC-20	10 ohms to 22 megs	.20	.18	.12	.075	.073	.065	.056	
RS-14C	1 RC-32	10 ohms to 22 megs	.32	.28	.18	.125	.123	.11	.09	
RS-15C	2 RC-42	10 ohms to 22 megs	.45	.40	.24	.19	.185	.175	.16	

IRC BWH WIRE-WOUND TYPES

Exceptionally stable and completely insulated. Meets or exceeds all MIL-R-11C requirements. Rated @ 1/2-watt 137°C ambient temp; 1-watt @ 115°C; 2-watt @ 70°C. Size: 3/16Lx3/16". Shpg. wt., 2 oz.

10% TOLERANCE WIRE-WOUND TYPES

Available within limits of ranges below in sizes with asterisk in master chart.

Stock No.	MIL Watts Equiv.	Range	Net Each, Assorted				Net Ea. (Assorted but Min. 100 of a Value)			
			1-4	5-49	50-99	249	100-	250-	500-	1000
RS-240C	2 RC-32	0.27 to 8.2 ohms	.24	.18	.17	.144	.096	.064		
RS-241C	2 RC-32	10 to 1K ohms	.18	.15	.14	.108	.072	.058		

5% TOLERANCE WIRE-WOUND TYPES

Available within limits of ranges listed below in all sizes listed in master chart.

Stock No.	MIL Watts Equiv.	Range	Net Each, Assorted				Net Ea. (Assorted but Min. 100 of a Value)			
			1-4	5-49	50-99	249	100-	250-	500-	1000
RS-242C	2 RC-32	0.24 to 9.1 ohms	.47	.40	.35	.285	.189	.143		
RS-243C	2 RC-32	10 to 1K ohms	.30	.25	.20	.18	.12	.09		

OHMITE DHM'S LAW CALCULATOR

Solves Ohm's Law problems with just one setting of the slide. Has parallel resistance computing scales. Covers range from 0.01 ohm to 100 megohms. Current scale in amperes and milliamperes. Handy pocket size 9x3".

RS-245 Shpg. wt., 2 oz. Net .25

A FABULOUS BUY! GENUINE

ALLEN-BRADLEY and ALLEN-BRADLEY Resistor Kit

10% TOLERANCE 1/2 WATT RETMA Color Coded



100 INSULATED RESISTORS WITH PLASTIC HINGED BOX!

450

Lafayette leads the field with a genuine Allen Bradley and IRC 1/2 watt, 10% tolerance, molded resistor kit with a Transparent Plastic Utility Box (built in partitions) size: 8 1/4x4 1/4x1 1/4". Meet JAN-R-11 specifications. Stock No. KI-23—Total 100 molded resistors with Transparent Plastic Case Net 4.50

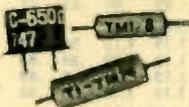
TEXAS SILICON SENSOR SOLID STATE TEMPERATURE SENSING RESISTORS

• Temperature Compensating • Temperature Sensing
Used in countless applications from Geophysics to Missiles—Amplifiers—Power Supplies—Servos—Magnetic Amps—Computers—Telemetering.

Temperature coefficient of 0.7%/°C. Available in following standard resistances, in ohms.

STANDARD RESISTANCE VALUES

10	22	47	100	220	470	820	1800	3900	6800
12	27	56	120	270	500	1000	2200	4700	8200
15	33	68	150	330	560	1200	2700	5000	10,000
18	39	82	180	390	680	1500	3300	5000	



NET EACH

Stock No.	TI Type No.	Watts Tol. ±	Body L x Dia.	NET EACH				
				1-49	50-249	250-499	500-999	
3RS-223	TM 1/4	1/4	10%	0.585" x 0.2"	4.00	3.50	3.00	2.50
3RS-228	TM 1/4	1/4	5%	0.585" x 0.2"	4.80	4.05	3.30	2.75
3RS-224	TM 1/8	1/8	10%	0.406" x 0.140"	3.00	4.50	4.00	3.20
3RS-229	TM 1/8	1/8	5%	0.406" x 0.140"	6.00	5.20	4.40	3.50
3RS-225	TC 1/8	1/8	10%	TO-5 TRANS PACK	5.00	4.50	4.00	3.20
3RS-226	TC 1/8	1/8	5%	TO-5 TRANS PACK	6.00	5.20	4.40	3.50

NEW! 1/10 WATT MINIATURE CARBON-FILM RESISTORS AT LOW, LOW PRICES



MASTER CHART EIA (RETMA) VALUES SPECIFY RESISTANCE WANTED

Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Ohms
5.1	22	91	390	1600	6800	30,000	0.12 meg
5.6	24	100	430	1800	7500	33,000	0.13 meg
6.2	27	110	470	2000	8200	36,000	0.15 meg
6.8	30	120	510	2200	9100	39,000	0.16 meg
7.5	33	130	560	2400	10,000	43,000	0.18 meg
8.2	36	150	620	2700	11,000	47,000	0.20 meg
9.1	39	160	680	3000	12,000	51,000	0.22 meg
10	43	180	750	3300	13,000	56,000	0.24 meg
11	47	200	820	3600	15,000	62,000	0.27 meg
12	51	220	910	3900	16,000	68,000	0.30 meg
13	56	240	1000	4300	18,000	75,000	0.33 meg
15	62	270	1100	4700	20,000	82,000	0.39 meg
16	68	300	1200	5100	22,000	91,000	0.43 meg
18	75	330	1300	5600	24,000	101,000	0.47 meg
20	82	360	1500	6200	27,000	111,000	0.51 meg

- REALLY MINIATURE—ONLY .28" L x .08" DIAM.
- LOW NOISE

Lafayette brings you true miniaturization combined with the advantages of carbon-film resistors. Rated at 1/10 watt, tolerance ±10%, they have a special synthetic resin insulation, withstand high degrees of heat, humidity and shock. Very low temperature coefficient and noise factor. Imported to sell at these low prices. SPECIFY RESISTANCE VALUE.

RS-250 Net ea. .12
5 for .50, 25 for 1.75, 100 for 5.00, 1000 for 40.00

INDUSTRIALS: ASK FOR QUOTATIONS IN LARGER QUANTITIES



WUERTH SURGISTOR COMBINES FUNCTIONS OF RESISTOR and RELAY

A Surgistor is connected directly into the power line circuit of any electrical device. It's function is to limit the inrush current until the tube heaters are warmed sufficiently to accept the full voltage without damage. Starting resistance 100 ohms, circuit resistance 0.2 ohms. Power range 320 watts maximum. Self-mounting.

TS-317 (4100-2) Shpg. wt., 6 oz. Net ea. .95
In lots of 10, Net ea. .85

MALLORY POWER RESISTORS

MALLORY VITREOUS ENAMEL FIXED POWER RESISTORS

Master Chart Resistance Values For Fixed Type Resistors. Specify Stock No. and Ohmage On Your Order.

Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Ohms
1#	25*+ #	250*+ #	1000*+ #	3500* #	10,000*+ #	22,500
1.5	30	300	1100	4000* #	11,000	25,000*+ #
2#	35	350	1200	4500* #	12,000	30,000*+ #
3#	40	400*	1250*	5000*+ #	12,500*+ #	35,000*
4	50*+ #	450	1500*+ #	6000*+ #	13,500	40,000*+ #
5* #	75* #	500*+ #	1750*	7000	14,300	45,000
7.5* #	100*+ #	600	2000*+ #	7500*+ #	15,000*+ #	50,000*+ #
10*+ #	125	700	2250*	8000	16,000	75,000*+ #
12	150* #	750*+ #	2500*+ #	8200	17,500	100,000*+ #
15* #	200* #	800	2750*	8500	18,000	
20	225	900	3000* #	9000	20,000*+ #	

MALLORY POWER RESISTORS

Mallory power resistors are the finest quality wire-wound on ceramic cores. They are covered with baked-on vitreous enamel and give full wattage dissipation. Leads or lugs are firmly imbedded. Consult listings below and master charts for ohmages available in each type. BE CERTAIN YOUR ORDER SPECIFIES BOTH OUR STOCK NO. AND OHMAGE DESIRED.

TYPE HHJ-5 WATT FIXED



Available in all ohmages in chart through 25,000 ohms except 225 and 2750. Has both lugs and wire leads. Tube size 3/8x1". Tolerance ± 5% on all values above 10 ohms, others ± 10%. Shpg. wt., 3 oz.

SPECIFY STOCK NO. AND OHMAGE ON YOUR ORDER

Stock No.	Ohms	1-9	10-24	25-99	100-249
3RS-251C	1-300	.45	.39	.32	.28
3RS-252C	350-5000	.49	.43	.35	.30
3RS-253C	6000-10,000	.52	.45	.37	.32
3RS-254C	12,500-15,000	.56	.47	.39	.34
3RS-255	20,000	.60	.50	.42	.36
3RS-256	25,000	.62	.52	.43	.38

TYPE 1HJ-10 WATT FIXED



Available in all ohmages in master chart thru 50,000 ohms, except 1.5 and 2750 ohms. Has both lugs and wire leads. Tube size 3/8x1 1/4". Tolerance ± 5% on all values above 10 ohms, others ± 10%. Shpg. wt., 4 oz.

SPECIFY STOCK NO. AND OHMAGE ON YOUR ORDER

Stock No.	Ohms	1-9	10-24	25-99	100-249
3RS-257C	1-1000	.50	.43	.36	.31
3RS-258C	1100-5000	.52	.45	.37	.32
3RS-259C	6000-10,000	.62	.54	.44	.38
3RS-260C	11,000-20,000	.70	.60	.50	.43
3RS-261C	22,500-40,000	.72	.64	.53	.45
3RS-262C	45,000-50,000	.82	.71	.58	.50

TYPE 2HJ-20 WATT FIXED



Available in all ohmages in chart marked * Has both lugs and wire leads. Tube size 3/8x2". Tolerance ± 5%. Shpg. wt., 4 oz.

SPECIFY STOCK NO. AND OHMAGE ON YOUR ORDER.

Stock No.	Ohms	1-9	10-24	25-99	100-249
3RS-263C	5-1500	.60	.52	.43	.37
3RS-264C	1750-2500	.62	.54	.44	.38
3RS-265C	2750-50,000	.72	.64	.53	.45
3RS-266C	12,500-30,000	.75	.65	.54	.46
3RS-267C	35,000-50,000	.88	.77	.63	.54
3RS-268	75,000	1.28	1.11	.92	.79
3RS-269	100,000	1.41	1.22	1.01	.86

TYPE 2.5HJ-25 WATT FIXED

Available in all ohmages marked #, lug terminals furnished with mounting feet. Tube size 3/8x2". Shpg. wt., 6 oz.

Stock No.	Ohms	1-9	10-24	25-99	100-249
3RS-270C	1-1500	.64	.55	.46	.39
3RS-271C	2000-2500	.67	.58	.48	.41
3RS-272C	3000-10,000	.76	.66	.55	.47
3RS-273C	12,500-25,000	.79	.69	.57	.49
3RS-274C	30,000-40,000	.92	.80	.66	.56
3RS-275	50,000	1.07	.93	.76	.65
3RS-276	75,000	1.25	1.09	.90	.77
3RS-277	100,000	1.44	1.25	1.03	.88

TYPE 5HJ-50 WATT FIXED

Available in all ohmages in chart marked with +. Tube size 3/8x4". Lug terminals. 2 mtg. feet furnished. Tolerance ± 5%. Shpg. wt., 5 oz.

SPECIFY STOCK NO. AND OHMAGE ON YOUR ORDER

Stock No.	Ohms	1-9	10-24	25-99	100-249
3RS-278C	10-1000	.97	.84	.69	.59
3RS-279C	1500-5000	1.00	.87	.71	.61
3RS-280C	7500-10,000	1.09	.94	.78	.67
3RS-281C	12,500-20,000	1.19	1.03	.85	.73
3RS-282C	25,000-40,000	1.36	1.18	.97	.83
3RS-283	50,000	1.52	1.32	1.09	.93
3RS-284	75,000	1.74	1.50	1.24	1.06
3RS-285	100,000	1.88	1.63	1.34	1.15

TYPE 7.5HJ-75 WATT FIXED

Available in all ohmages in chart marked +. Tube size 3/8x6". Lug terminals, 2 mtg. feet furnished. Tolerance ± 5%. Shpg. wt., 4 oz.

SPECIFY STOCK NO. AND OHMAGE ON YOUR ORDER

Stock No.	Ohms	1-9	10-24	25-99	100-249
3RS-286C	10-1000	1.15	.99	.82	.70
3RS-287C	1500-5000	1.20	1.04	.85	.23
3RS-288C	7500-10,000	1.27	1.11	.91	.78
3RS-289C	12,500-20,000	1.37	1.19	.98	.84
3RS-290C	25,000-40,000	1.54	1.33	1.10	.94
3RS-291	50,000	1.72	1.49	1.23	1.05
3RS-292	75,000	1.95	1.69	1.39	1.19
3RS-293	100,000	2.08	1.80	1.48	1.27

TYPE 10HJ-100 WATT FIXED



Available only in ohmages listed below. Tube size 3/8x6 1/2". Tolerance ± 5%. Lug Terminals. 2 mtg. feet supplied. Shpg. wt., 4 oz.

SPECIFY STOCK NO. AND OHMAGE ON YOUR ORDER

Stock No.	Ohms	1-9	10-24	25-99	100-249
3RS-294C	25, 50, 100, 150, 250, 500, 750, 1000	1.35	1.17	.97	.83
3RS-295C	1500, 2K, 2500, 5K	1.41	1.22	1.01	.86
3RS-296C	7500, 10,000	1.53	1.33	1.09	.94
3RS-297C	15,000, 20,000	1.66	1.44	1.18	1.01
3RS-298C	25K, 30K, 40K	1.88	1.63	1.34	1.15
3RS-299	50,000	1.95	1.69	1.39	1.19
3RS-300	75,000	2.16	1.87	1.54	1.32
3RS-301	100,000	2.41	2.09	1.72	1.48

TYPE 20HJ-200 WATT FIXED

Available only in ohmages listed below. Tube size 1 1/8x10 1/2". Tolerance ± 5%. Lug terminals. 2 mtg. feet supplied. Shpg. wt., 1 lb.

SPECIFY STOCK NO. AND OHMAGE ON YOUR ORDER

Stock No.	Ohms	1-9	10-24	25-99	100-249
3RS-302C	25, 50, 75, 100, 250	2.17	1.88	1.55	1.33
3RS-303C	500, 750, 1000	2.24	1.94	1.60	1.37
3RS-304C	1500, 2K, 2500, 3K, 5K	2.39	2.07	1.71	1.46
3RS-305C	7500, 10K	2.55	2.21	1.82	1.56
3RS-306C	30,000-40,000	2.63	2.28	1.88	1.61
3RS-307	50,000	2.71	2.35	1.94	1.66
3RS-308	75,000	2.87	2.49	2.05	1.76
3RS-309	100,000	3.05	2.64	2.18	1.87

EXTRA MOUNTING FEET

Stock No.	Type	For Use With	Net Ea.
3RS-179	30V	5 and 10 Watt	.03
3RS-180	31V	20, 25 and 50 Watt	.06
3RS-181	32V	200 Watt	.10
3RS-182	33V	100 Watt	.18

MALLORY VARIABLE RESISTORS



Same fine quality and construction as the fixed types, but with an exposed section of winding to provide tapping-off of resistance values from 0 to the max. value of the resistor. All with lug terminals, tolerance ± 10%, each supplied with 2 mtg. feet and one adjustable clip. Consult listings below and master chart for ohmages available in each type. BE CERTAIN TO SPECIFY STOCK NO. AND OHMAGE ON YOUR ORDER.

MASTER CHART OF VALUES FOR VARIABLE RESISTORS

Ohms	Ohms	Ohms	Ohms	Ohms
1*	75*+	750*+	4000*+	12,000*
2*	100*+	800	4500	15,000*+
3	150*+	1000*+	5000*+	20,000*+
5*+	200*+	1250*	6000*	25,000*+
7.5	250*+	1500*+	7000	30,000+
10*+	300*	2000*+	7500*+	35,000
15*	350	2250	8000	40,000+
20	400*+	2500*+	8500	50,000+
25*+	500*+	3000*+	9000	75,000
50*+	600	3500*	10,000*+	

TYPE 1AV-10-WATT VARIABLE

Available in all ohmages in chart through 10,000 ohms. Tube size 3/8x1 3/4". Shpg. wt., 3 oz.

SPECIFY STOCK NO. AND OHMAGE ON YOUR ORDER

Stock No.	Ohms	1-9	10-24	25-99	100-249
3RS-310C	1-1000	.98	.85	.70	.60
3RS-311C	1250-5000	1.04	.90	.74	.64
3RS-312C	6000-10,000	1.12	.97	.80	.68

TYPE 2AV-25-WATT VARIABLE

Available in all ohmages in chart marked with +. Tube size 3/8x2". Shpg. wt., 5 oz.

SPECIFY STOCK NO. AND OHMAGE ON YOUR ORDER

Stock No.	Ohms	1-9	10-24	25-99	100-249
3RS-313C	1-1000	1.14	.99	.81	.70
3RS-314C	1250-5000	1.17	1.01	.83	.71
3RS-315C	6000-10,000	1.26	1.09	.90	.77
3RS-316C	12,000-20,000	1.29	1.12	.92	.79
3RS-317	25,000	1.42	1.23	1.02	.87

TYPE 5AV-50 WATT VARIABLE

Available in all ohmages in chart marked with +. Tube size 3/8x4". Shpg. wt., 5 oz.

SPECIFY STOCK NO. AND OHMAGE ON YOUR ORDER

Stock No.	Ohms	1-9	10-24	25-99	100-249
3RS-318C	5-1000	1.48	1.28	1.06	.91
3RS-319C	1500-5000	1.51	1.31	1.08	.92
3RS-320C	7500-10,000	1.59	1.38	1.13	.97
3RS-321C	15,000-20,000	1.69	1.46	1.20	1.03
3RS-322C	25,000-40,000	1.86	1.62	1.33	1.14
3RS-323	50,000	1.95	1.69	1.39	1.19

TYPE 7.5AV-75 WATT

Available in all ohmages in chart marked +. Tube size 3/8x6". Shpg. wt., 6 oz.

SPECIFY STOCK NO. AND OHMAGE ON YOUR ORDER

Stock No.	Ohms	1-9	10-24	25-99	100-249
3RS-324C	5-1000	1.66	1.44	1.18	1.01
3RS-325C	1500-5000	1.72	1.48	1.22	1.04
3RS-326C	7500-10,000	1.77	1.54	1.27	1.09
3RS-327C	1500-20,000	1.88	1.63	1.34	1.15
3RS-328C	25,000-40,000	2.05	1.78	1.46	1.25
3RS-329	50,000	2.22	1.93	1.59	1.36

TYPE 10AV-100 WATT VARIABLE

Available only in ohmages listed below. Tube size 3/8x6 1/2". Shpg. wt., 1 lb.

SPECIFY STOCK NO. AND OHMAGE ON YOUR ORDER

BURGESS-RCA-EVEREADY BATTERIES

PORTABLE A TYPES

Lafayette Stock No.	"Eveready" No.	Burgess	R.C.A.	Dimensions in Inches L x W x H	Volt- age	Shpg. Wt. Lbs.	Net
BA-100	A100	230	VS336	1 1/2 diam. x 2 1/2	1 1/2	3/4	\$.12
BA-101	720	2D	VS069	2 1/2 x 1 3/8 x 3 3/8	1 1/2	3/8	1.02
BA-102	742	4F	VS004	2 1/2 x 2 1/2 x 3 1/2	1 1/2	1 1/8	1.15
BA-104	964	21R	VS236	1 1/2 diam. x 4 1/2	1 1/2	3/8	.32
BA-276	206	—	VS327	4 1/2 x 1 1/2 x 2 1/2	9	3/8	.53
BA-106	736	F3	VS067	3 1/2 x 1 1/2 x 4 3/8	4 1/2	1	.95
BA-107	746	G3	VS002	3 1/2 x 1 1/2 x 4 3/8	4 1/2	1 1/8	1.05
BA-108	718	2F4	VS010	3 1/2 x 2 1/2 x 5 1/2	6	2 1/8	2.73
BA-109	724	Z4	VS068	1 1/2 x 1 1/2 x 2 1/2	6	1/4	.77
BA-110	744	F4P1	VS009	2 1/2 x 2 1/2 x 3 1/2	6	1 3/8	1.16
BA-111	707	O5	VS315	2 1/2 x 2 1/2 x 2 1/2	7 1/2	3/4	1.05
BA-112	713	B5	VS129	3 1/2 x 1 1/2 x 2 1/2	7 1/2	3/8	1.92
BA-113	717	CS	VS065	2 1/2 x 1 1/2 x 3 1/2	7 1/2	1/2	1.15
BA-190	W353	2F	VS141	2 1/2 x 1 1/2 x 4 1/4	1 1/2	1 1/4	.77

PORTABLE B TYPES

Lafayette Stock No.	"Eveready" No.	Burgess	R.C.A.	Dimensions in Inches L x W x H	Volt- age	Shpg. Wt. Lbs.	Net
BA-114	411	U10	VS083	1 1/2 x 1 1/2	15	3/8	\$.81
BA-115	417	K10	—	1 1/2 x 1 1/2 x 1 1/2	15	1/8	1.16
BA-116	504	Y10	VS704	1 1/2 x 1 1/2	15	3/8	.81
BA-117	412	U15	VS084	1 1/2 x 2	22 1/2	1/8	1.05
BA-118	420	K15	—	1 1/2 x 2	22 1/2	1/8	1.23
BA-119	505	Y15	VS705	1 1/2 x 2	22 1/2	3/8	1.05
BA-120	413	U20	VS085	1 1/2 x 2 1/2	30	1/8	1.23
BA-121	430	K20	—	1 1/2 x 2 1/2	30	1/8	1.50
BA-122	506	Y20	—	1 1/2 x 2 1/2	30	1/8	1.31
BA-123	507	Y20S	—	1 1/2 x 2 1/2	30	3/8	1.30
BA-124	415	U30	VS086	1 1/2 x 3 x 3 1/2	45	1/8	1.75
BA-125	455	XX30	VS055	2 1/2 x 1 x 3 1/2	45	1/2	2.08
BA-126	482	M30	VS013	3 1/2 x 2 1/2 x 5 1/2	45	1	2.70
BA-127	484	B30	VS012	3 1/2 x 2 1/2 x 5 1/2	45	3 1/8	3.29
BA-128	487	—	—	5 1/2 x 2 1/2 x 7 1/4	45	4 1/8	3.47
BA-129	738	Z30	VS015	3 1/2 x 2 1/2	45	1 1/4	2.76
BA-130	416	UX45	VS318	1 1/2 x 3 x 3 1/2	67 1/2	1/2	2.07
BA-131	457	K45	VS082	2 1/2 x 1 1/2 x 2 1/2	67 1/2	1/2	2.42
BA-132	467	XX45	VS016	2 1/2 x 1 1/2 x 3 1/2	67 1/2	1/2	2.45
BA-133	477	P45	VS218	1 1/2 x 3 x 5 1/2	67 1/2	1/2	2.27
BA-134	437	XX50	VS217	1 1/2 x 3 x 5 1/2	75	3/8	3.15
BA-135	479	P60	VS219	1 1/2 x 3 x 7 1/2	90	3/4	2.77
BA-136	490	V60	VS090	3 1/2 x 1 1/2 x 3 1/2	90	1	3.15
BA-137	495	N60X	VS316	1 1/2 x 1 1/2 x 7 1/2	90	1	3.47
BA-219	W359	A30	VS014	3 1/2 x 2 1/2 x 4 1/2	45	2 1/2	2.49
BA-319	—	P45	VS218	1 1/2 x 1 1/2 x 7 1/2	67 1/2	1 1/2	2.17
BA-304	W361	XX69	—	1 1/2 x 1 1/2 x 11 1/2	103 1/2	2	4.60
BA-225	493	U200	VS093	2 1/2 x 2 1/2 x 3 1/2	300	2	8.37

PORTABLE A-B TYPES

Lafayette Stock No.	"Eveready" No.	Burgess	R.C.A.	Dimensions in Inches L x W x H	Volt- age	Shpg. Wt. Lbs.	Net
BA-143	729	4TZ60	VS064	3 1/2 x 2 1/2 x 7 1/2	1 1/2, 90	2 1/8	\$4.38
BA-144	759	17GD60	VS022	15 1/2 x 1 1/2 x 6 1/2	1 1/2, 90	16 1/4	7.95
BA-146	755	TSZ50	VS050	8 1/2 x 3 3/4 x 2 1/2	6, 7 1/2, 75	3 1/2	5.08
BA-148	753	F6A60	VS019	9 1/2 x 2 1/2 x 4 1/2	7 1/2, 9, 90	4 1/2	5.43
BA-149	756	T6Z60	VS057W	8 1/2 x 2 1/2 x 3 3/4	7 1/2, 9, 90	2 1/2	4.87
BA-150	727	T6Z60P	VS059	8 1/2 x 2 1/2 x 3 3/4	9	2 1/2	5.22
BA-151	752	G6B60	VS047	14 1/2 x 2 1/2 x 4 1/2	9	6 1/2	5.76
BA-308	757	F6A60P	VS058	9 1/2 x 2 1/2 x 4 1/2	9-90	7	8.57

FLASHLIGHT, LANTERN BATTERIES

General Purpose, Portable Lighting

Lafayette Stock No.	"Eveready" No.	Burgess	R.C.A.	Dimensions in Inches L x W x H	Volt- age	Shpg. Wt. Lbs.	Net
BA-154	912	7	VS074	1 1/2 Diam. x 1 1/4	1 1/2	1/4	.10
BA-155	915	Z	VS034	1 1/2 Diam. x 1 1/2	1 1/2	2/8	.13
BA-156	935	1	VS035	1 1/2 Diam. x 1 1/2	1 1/2	3/8	.13
BA-157	950	2	VS036	1 1/2 Diam. x 2 1/2	1 1/2	1/2	.13
BA-158	D-99	—	—	1 1/2 Diam. x 2 1/2	1 1/2	1/2	.16
BA-159	735	4FH	VS106	2 1/2 x 2 1/2 x 4 1/2	1 1/2	1 1/4	.84
BA-160	±6 lgn.	6 lgn.	VS006S	2 3/4 Diam. x 6 1/2	1 1/2	2 1/8	.84
BA-161	509	F4H	VS040C	2 1/2 x 2 1/2 x 4 1/2	6	1 1/4	.79
BA-162	510S	F4BP	VS040S	2 1/2 x 2 1/2 x 4 1/2	6	1 1/4	.79
BA-163	731	TW1	VS317	5 1/2 x 2 1/2 x 4 1/2	6	3 1/4	1.83
BA-164	706	4FAH	VS103	8 1/2 x 2 1/2 x 6 1/2	6	5 1/2	4.01
BA-166	1462	—	—	5 1/2 x 5 1/2 x 7 1/2	6	9 1/2	4.01
BA-169	716	4F6H	VS140	8 1/2 x 4 1/2 x 6 1/2	9	3 1/2	5.53
BA-275	560	—	—	7 1/2 x 5 1/2 x 7 1/2	7 1/2	2	3.50
BA-309	904	NE	VS073	1 1/2 Diam. x 1 1/2	1 1/2	1	.08
BA-203	W357	4F2H	VS138	3 1/2 x 2 1/2 x 5 1/2	3	3 1/2	1.45
BA-310	510F	F4SC	—	2 1/2 x 2 1/2 x 4 1/2	6	1 1/4	.79
BA-311	715	4F5H	VS139	7 1/2 x 3 1/2 x 5 1/2	7 1/2	8 1/2	4.86

ELECTRONIC PHOTOFLASH AND HIGH VOLTAGE TYPES

Lafayette Stock No.	"Eveready" No.	Burgess	R.C.A.	Dimensions in Inches L x W x H	Volt- age	Shpg. Wt. Lbs.	Net
BA-225	493	U200	VS093	2 1/2 x 2 1/2 x 3 1/2	300	3/4	8.37
BA-226	497	U320	—	3 x 1 1/2 x 5 1/2	510	1 1/2	11.16
BA-305	492	N150	—	3 1/2 x 2 1/2 x 4 1/2	225	2	6.13
BA-306	491	U160	—	2 1/2 x 1 1/2 x 4 1/2	240	3/4	5.36

ALKALINE ENERGIZERS

Uses Electronic Flash Equipment . . . Hobby Equipment . . . other Heavy-Duty. Up to 10 times longer service life than standard cells in continuous high-drain use. Hermetically sealed . . . will not leak or corrode. More power in less space.

Lafayette Stock No.	"Eveready" No.	Dimensions (Diam.)	Voltage	Shpg. Weight Oz.	Net
BA-267	E94	1.328 x 1.188	1.5	1.8	.33
BA-268	E95	1.328 x 2.375	1.5	4.1	.49
BA-269	E97S	1.328 x 5.185	1.5	8 1/4	.73
BA-272	E91	.54 x 1.95	1.5	.9	.39
BA-277	E93	1.95 x 1.188	1.5	2	.39

TRANSISTOR AND HEARING AID BATTERIES ENERGIZERS — CATHODE ENVELOPE TYPES

Lafayette Stock No.	"Eveready" No.	Burgess	R.C.A.	Dimensions in Inches L x W x H	Volt- age	Shpg. Wt. Lbs.	Net
BA-230	E9	—	VS313	.550 diam. x 1.968	1.4	1/8	.51
BA-242	E630	—	VS147	.615 diam. x 2.38	1.35	1/8	.30
BA-100	A100	230	VS336	1 1/2 diam. x 2 1/2	1.5	1/2	.16
BA-173	635	130	VS335	1 1/2 diam. x 1 1/2	1.5	1/8	.16
BA-174	1015	930	VS334	1 1/2 diam. x 1 1/2	1.5	1/8	.16
BA-237	E233	—	VS400	1 1/2 diam. x 1 1/2	4.2	1/2	1.90
BA-176	243	223	VS324	1 1/2 x 1 1/2 x 2 1/2	4 1/2	1/2	1.19
BA-236	E146	—	VS312	1 1/2 x 1 1/2	8.4	1/2	1.05
BA-178	216	2U6	VS323	1 1/2 x 1 1/2 x 1 1/2	9.0	1/2	.48
BA-180	246	2N6	VS305	1 1/2 x 1 1/2 x 2 1/2	9.0	1/2	1.30
BA-181	266	M6	VS322	1 1/2 x 1 1/2 x 2 1/2	9.0	1/2	1.05
BA-182	276	D6	VS306	2 1/2 x 2 1/2 x 3 1/2	9.0	1	1.26
BA-183	2506	D6P1	VS301	8 x 2 1/2 x 1 1/2	9.0	1 1/2	1.76
BA-184	239	XX9	VS304	1 1/2 x 1 1/2 x 2 1/2	13 1/2	1/2	1.05
BA-185	2731	—	VS321	2 1/2 x 1 1/2 x 8 1/2	4 1/2	3	1.93
BA-187	2356	C6X	—	2 1/2 x 1 1/2 x 6 1/2	9.0	1 1/4	1.10
BA-273	2709	—	VS326	1 1/2 x 1 1/2 x 1 1/2	9.0	1/2	1.05
BA-302	274	4D4	—	2 1/2 x 2 x 7 1/2	6	3	3.33
BA-318	226	P6M	VS300A	1 1/2 x 1 1/2 x 1 1/2	9	3	.62
BA-400	E177	YL6	VS309A	3/4 diam. x 1 1/2	9	2	1.25

INDUSTRIAL BATTERY TYPES

(For Radios, Electronic Equipment, Test Instruments and Other Applications)

Lafayette Stock No.	"Eveready" No.	Burgess	R.C.A.	Dimensions in Inches L x W x H	Volt- age	Shpg. Wt. Lbs.	Net
BA-190	W353	2F	VS141	2 1/2 x 1 1/2 x 4 1/4	1 1/2	3/4	.77
BA-200	W354	2FBP	VS101	2 1/2 x 1 1/2 x 4 3/8	1 1/2	3/4	.87
BA-201	—	2BBP	—	1 1/2 x 1 1/2 x 2 1/2	1 1/2	1/2	1.16
BA-202	W356	2F2H	VS136	2 1/2 x 2 1/2 x 4 1/2	3	1 1/2	1.08
BA-203	W357	4F2H	VS138	3 1/2 x 2 1/2 x 5 1/2	3	2 1/4	1.45
BA-204	W371	2Z2P1	—	1 1/2 x 1 1/2 x 2 1/2	3	1/2	.68
BA-205	750	422	VS134	1 1/2 x 1 1/2 x 2 1/2	3	1/2	.65
BA-206	703	532	VS133	2 1/2 x 2 x 3 1/2	4 1/2	1/4	.84
BA-207	761T	2370ST	VS130	4 1/2 x 1 1/2 x 3 1/2	4 1/2	1/4	1.57
BA-208	771	2370P1	VS030	3 1/2 x 1 1/2 x 3 1/2	4 1/2	7/8	1.65
BA-209	781	5360	VS028	2 1/2 x 2 1/2 x 3 1/2	4 1/2	1/4	.98
BA-210	W362	W5BP	—	2 1/2 x 1 1/2 x 1 1/4	7 1/2	1/4	1.47
BA-211	773	5540	VS029	3 1/2 x 2 1/2 x 3 1/2	7 1/2	1/2	1.65
BA-270	763	4156	VS102	3 1/2 x 2 1/2 x 2 1/2	+22 1/2	1/2	1.81
BA-215	778	5156SC	VS131	4 1/2 x 2 1/2 x 3 1/2	-22 1/2	1 1/2	3.47
BA-216	W350	Z30NX	VS114	3 1/2 x 1 1/2 x 4 1/2	+22 1/2 +45	7/8	2.69
BA-218	W358	W30BPX	—	3 1/2 x 1 1/2 x 4 1/2	+45	1 1/2	2.49
BA-219	W359	A30	VS014	2 1/2 x 2 1/2 x 4 1/2	+45	1 1/2	2.49
BA-220	W363F	10308SC	VS127	8 1/2 x 4 1/2 x 7 1/2	+22 1/2 +45	10 1/4	4.84
BA-312	W352	F2BP	VS100	2 1/2 x 1 1/2 x 4 1/2	3	1 1/4	.87
BA-313	762S	5308	VS112	4 1/2 x 2 1/2 x 5 1/2	45	3 1/2	3.05

TECH. MANUAL ON NICKEL CADMIUM BATTERIES

"Eveready" Battery Engineering Bulletin #8 for Technical Specifications and Re-charging Instructions. Net .25

NICKEL CADMIUM RECHARGEABLE BATTERIES

Hermetically sealed steel nickel-cadmium cells. High energy, long lasting. May be recharged many times. In Button or penlite † type. Unaffected by idle periods.

Lafayette Stock No.	"Eveready" No.	No. Cells	Dimensions in Inches L x W x H	Capacity (10 Hour Rate)	Average Dischg. Voltage	Wt. of Unit Pkg. In Oz.	Net
BA-244	N24	1	1 1				

BATTERIES, CHARGERS & MERCURY CELLS

"STORAGE CELL" for TRANSISTOR RADIOS! ONE CHARGEABLE BATTERY OUTLASTS DOZENS OF CONVENTIONAL BATTERIES



- Replaces 2U6, 216, BL-006P and BA-2
- Fluid Storage Type—Can't Leak Out
- Plays about 15 Hours on One Charging
- Battery Recharges Overnight
- Battery Can Be Used Over and Over Again
- Complete—Battery Plus Charger

only **269**

The next best thing to a battery that will last a lifetime—this battery can be used for 1100 to 1500 hours of playing time, AND MORE. Its long life is based on 2 new features: 1. A fine storage battery that cannot have fluid leakage; 2. Recharges Overnight—just plug the battery into the charger, the charger into your electrical outlet. Let it charge for 10-12 hours... It cannot burn out on recharge. After charging, the battery is good for about 15 hours of playing time. When the battery runs down, just charge it up and it's ready to play. 9V Battery complete with charger. Battery 1 7/8x1 1/2"; charger 3 3/8x1 1/4x 3/8". Shpg. wt., 6 oz. Imported.

F-619 Battery and Charger Net 2.69
BA-8 Battery Replacement for above Net 1.29

LAFAYETTE BATTERIES Popular Sizes at Popular Prices



These popular batteries are for Portable and Transistor radios, R/C equipment, experimenters, labs, and hobbyists, etc. Imported

FRESH STOCK — BRAND NEW GUARANTEED

Here are six of the most popular types used and at

RIDICULOUSLY LOW PRICES

Stock No.	Voltage	Singly	Lots 10 Each	REPLACEMENTS FOR			
				RCA	Burgess	Eveready	Others
BA-1	67 1/2	1.49	1.39	VS215 VS216 VS218	P45 P45M	477	BL-M145
BA-2	9	.21	.20	VS312 VS323	2U6	216	BL-006F
BA-3	9	.34	.29	VS300A VS314	P6 P6M	226	BL-M106
BA-5	67 1/2	1.29	1.19	VS318	UX45	416	BL-045
BA-6	67 1/2	1.45	1.35	VS016	XX45	467	BL-145
BA-7	9	.53	.45	VS309A	YL-6	E-177	TR-177

LAFAYETTE 9-VOLT TRANSISTOR RADIO BATTERY CHARGER AND ELIMINATOR

- Charge Battery, Operate Set On AC, or Both
- Isolated Transformer - Shock-Proof

290

Just Plug into any 117-volt AC receptacle and recharge your old 9-volt battery for many hours of extra use; or operate your set indoors without using the battery at all; or you can both charge battery and operate set at the same time. Has 4-position switch for above functions plus off position and pilot light. It is well filtered insuring low hum and excellent regulation to minimize power losses and to extend life of your set. Transformer is isolated to eliminate shock hazard. Complete with ivory plastic case, AC cord and assort. of snaps to fit all 9-volt batteries. Size: 4Wx1 1/4x2 3/4"D. Shpg. wt., 1 lb. Imported

F-790 Net 2.90

"B" BATTERY ELIMINATOR and CHARGER for PORTABLE RADIOS

- Adjustable Terminals

245



Features adjustable terminals that accept batteries with terminals 7/8" to 1 1/2" apart. Adaptor included permits use with batteries having terminals on 1/2" mtg. centers. Convenient switch for battery eliminator or charger. Replaces all snap terminal 67 1/2V. B batteries. When indoors you can operate set on regular 110V AC without using the battery. Also rejuvenates old batteries for many extra hours of use. Complete with AC cord and plug. Size: 1 7/8x2 1/2x1". Shpg. wt., 8 oz. Imported

F-195 Battery Charger Net 2.45

LAFAYETTE 22 1/2V BATTERIES



Used in many hearing aids and transistor radios. Shpg. wt., 3 oz. Imported
(Fig. A.) Replaces Burgess Y15 or Eveready 505.
BA-14 Lots of 10, each .53 Singly, ea. .59
(Fig. B.) Replaces Burgess U15 or Eveready 412.
BA-12 Lots of 10, each .53 Singly, ea. .59



SHURITE BATTERY TESTER

Pocket tester with bright plated case, metal dial, and prods. Sturdily built. Test batteries without load. Ideal for testing batteries used in transistor circuits, model railroads, hearing aids, portable radios, etc. Shpg. wt., 8 oz.

HEARING AID BATTERY TESTER
Ideal for checking 1.5, 15, 22.5, 30, 33, and 45 volt batteries.
MT-446 Net 3.77

"B" BATTERY ELIMINATOR and CHARGER

245



Replaces Eveready 416, Burgess UX-45, and RCA VS 318 67 1/2V B batteries used in Radio Control units and many portables. Just plug in the AC cord and you can save your battery for outdoor use. Also recharges your battery. 110 volts. 3 1/2x1 1/4". Shpg. wt., 7 oz. Imported

F-550 Net 2.45

NEW! DYNAMIC BATTERY CHARGER FOR 6-VOLT LANTERN BATTERIES



- Extends Battery Life 15-30 Times • Guaranteed Unconditionally for One Year

Keep lantern batteries like new for months—far exceeding their normal life. Pays for itself many times over. Equipped with an isolating step-down power transformer, it is safe from shock hazard. Just connect charger leads to battery binding posts and plug charger into any 117-volt AC outlet. Chart showing chargeable battery types and charging time required is included. Size: 1 3/4x1 3/4".

CV-61 Shpg. wt., 3/4 lb. Net 4.95

MERCURY BATTERIES

FOR TRANSISTOR APPLICATIONS

Stock No.	Mallory	Replaces		Volts	Shpg. Wt.	Net Ea.
		Eveready	Burgess			
BA-501	TR-152R	E-152N	H-152R	2.5	2 oz.	.78
BA-502	TR-162R	E-162	H-162R	2.5	3 oz.	.87
BA-233	TR-132R	E-132N	H-132R	2.5	3 oz.	.82
BA-504	TR-113R	E-113	H-113R	4.0	3 oz.	1.65
BA-505	TR-153R	E-153N	H-153R	4.0	2 oz.	1.29
BA-506	TR-163	E-163	H-163	4.0	3 oz.	1.05

BA-234	TR-133R	E-133N	H-133R	4.0	3 oz.	1.18
BA-237	TR-233	E-233	H-233	4.0	9 oz.	1.90
BA-507	TR-114R	E-114	H-114R	5.0	3 oz.	1.90
BA-508	TR-164	E-164	H-164	5.0	3 oz.	1.29
BA-235	TR-134R	E-134N	H-134R	5.0	3 oz.	1.45
BA-531	TR-234R	E-234N	—	5.4	4 oz.	2.50

BA-509	TR-115R	E-115N	H-115R	6.5	3 oz.	1.70
BA-510	TR-165	E-165	H-165	6.5	3 oz.	1.60
BA-511	TR-135R	E-135N	H-135R	6.5	4 oz.	1.85
BA-533	TR-175	E-175	—	7.0	1 oz.	1.05
BA-512	TR-145	E-145	H-145	7.5	3 oz.	1.55
BA-513	TR-136R	E-136N	H-136R	8.0	5 oz.	2.18
BA-932	TR-126	E-126	H-126	8.4	1 oz.	1.05
BA-236	TR-146	E-146	H-146	9.0	3 oz.	1.05
BA-534	TR-177	—	H-177	9.8	1 oz.	1.25
BA-535	TR-169	E-169	—	12.6	3 oz.	3.50

FOR INDUSTRIAL APPLICATIONS

Stock No.	Mallory	Replaces		Volts	Shpg. Wt.	Net Ea.
		Eveready	Burgess			
BA-227	RM-1R	E-1	HG-1R	1.35	3 oz.	.44
BA-228	RM-3R	E-3	HG-3R	1.35	3 oz.	.87
BA-229	RM-4R	E-4	HG-4R	1.35	4 oz.	.86
BA-514	RM-4RT	—	—	1.35	4 oz.	.91
BA-232	RM-12R	E-12	HG-12R	1.35	3 oz.	.82
BA-516	RM-42R	E-42	HG-42R	1.35	10 oz.	1.85

BA-517	RM-42RT	—	—	1.35	10 oz.	1.90
BA-238	RM-400R	E-400	HG-400R	1.35	1 oz.	.29
BA-239	RM-401	E-401	HG-401	1.35	2 oz.	.34
BA-518	RM-450R	E-450	HG-450R	1.35	2 oz.	.34
BA-240	RM-502R	E-502	HG-502R	1.35	3 oz.	.62
BA-519	RM-601R	E-601	HG-601R	1.35	3 oz.	.83

BA-241	RM-625R	E-625	HG-625R	1.35	1 oz.	.34
BA-520	RM-625RT	—	—	1.35	1 oz.	.39
BA-242	RM-630	E-630	HG-630	1.35	1 oz.	.30
BA-521	RM-640	E-640	HG-640	1.35	2 oz.	.30
BA-515	RM-4Z	—	—	1.4	3 oz.	.58
BA-522	RM-675	E-675	HG-675	1.4	1 oz.	.26
BA-536	RM-312	E-312	HG-312	1.4	1 oz.	.24
BA-537	RM-520	—	—	1.4	1 oz.	.16
BA-230	ZM-9	E-9	HG-9	1.5	5 oz.	.51
BA-231	DM-9N	E-9N	—	1.5	5 oz.	.60
BA-243	302478-M	E-302478	—	9.8	9 lbs.	5.27

BATTERY CHARGERS AND ACCESSORIES

2-IN-1 BATTERY CHARGER



End dead battery trouble in your car, boat, truck or tractor. This powerhouse battery charger keeps all 6 and 12 volt batteries fully charged for peak performance even at 40° below freezing. Full 1 amp. "safe" charge rate prevents flaking and plate buckling—same method used by storage battery dealers. Easy to use—plug the line cord into any 110V outlet, connect the two terminals and forget it. Can't overcharge—automatically tapers off. Welded constructed steel. Shpg. wt., 3½ lbs.
CV-56 Net 4.25

PROFESSIONAL 3-AMP. BATTERY CHARGER

For Both 6 and 12 Volts



UL Approved

A professional type 6 - 12 volt battery charger with automatic reset circuit-breaker. Indicator light flashes on when circuit breaker trips. Front panel switch for charge-over from 6 to 12 volts. Delivers a tapering charge starting at 3 amps for 6 or 12 volts. Noiseless, air-cooled construction. Oversized components and vented case for troublefree operation. Runs cool even under constant use. 6 ft. charging cables with heavy duty, 25 amp battery clips. Measures 4x6x3¼". For 105-125 volt, 50-60 cycle A.C. Shpg. wt., 5 lbs.
CV-51 Net 8.95

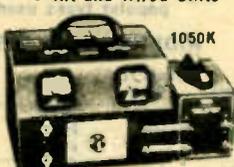


BATTERY ELIMINATORS AND CHARGERS

• Kit and Wired Units



106GK



1050K



1064K

MODEL 1060K EXTRA-FILTERED BATTERY ELIMINATOR & CHARGER

This versatile, rugged unit incorporates an extra low-ripple filter circuit. Ideal for latest all-transistor 6 or 12 volt equipments and any conventional ones using vacuum tubes. Selection of voltage range automatically provides appropriate current range. Fused transformer primary. Continuous voltage adjustment with Variac. 2 DC ranges and dual-range ammeter for accurate readings. Ranges: high range = 0-16V, 1.5% ripple at 2 amps, 2% at 6 amps; 6 amps continuous, 12 amps intermittent; low range = 0-8v, 0.3% ripple at 2 amps, 1.5% at 10 amps, 10 amps continuous, 20 amps intermittent. For 105-125 volts 50/60 cycle a.c. All components and instructions included. 8¼x10½x7¾". Shpg. wt., 19 lbs.
TE-193 Kit Net 39.95
Model 1060. As above, but factory wired and tested. Net 49.95
TE-194

MODEL 1050K 6-12 VOLT BATTERY ELIMINATOR & CHARGER

Provides dependable 6-12 volt source where AC ripple component is tolerable. 2 DC ranges: 0-16v, 6 amp continuous 12 amps intermittent; 0-8v 10 amps continuous 20 amps intermittent. Continuous voltage adjustment with Variac. Meters: voltmeter, 0-20v., ammeter, 0-20 amps. All components and instructions included. For 105-125 volts a.c. 50/60 cycle. 8¼x10½x7¾". Shpg. wt., 15 lbs.
TE-195 Kit Net 29.95
Model 1050. As above, but factory wired and tested. Net 38.95
TE-196

Model 1055K—An L-C filter gives additional filtering for #1050K or similar unit. Size: 5x4x5¾". Shpg. wt., 7 lbs.
TE-198 Kit Net 11.95
Model 1055. As above, but factory wired and tested. Net 15.95
TE-199

MODEL 1064K 6-12 VOLT BATTERY ELIMINATOR & CHARGER

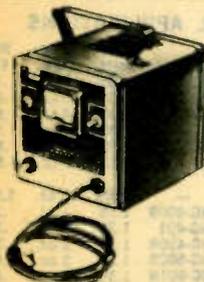
An excellent low ripple unit useful for transistor, tube, "hybrid" auto radio repair or wherever minimum ripple is mandatory. Features 2 DC voltage ranges, 6 or 12 V. DC separate voltmeter and dual range ammeter—up to 10 amperes continuous. AC ripple: 0.3% @ 2 amperes. For 105-125 volts, 50/60 c; Size: 8½x5½x7½"D. Shpg. wt., 14 lbs.
TE-262 Kit Net 45.95
Model 1064. As above, but factory wired and tested. Net 54.95
TE-263

COLD-START BOOSTER-CHARGER

Our First combination Battery Charger and Booster

- 50 Amp Booster (6 volt)
- 25 Amp Booster (12 volt)
- 10 Amp Charger (6/12 v)

Perfect for starting 6V, 8V, 12V cars. Works as a booster—as a charger. Provides with heavy copper cables; thermal switch prevents overheating, works up to 200 ft. away from AC power source. Power output: 12V Boost, 25 amps maximum; 6V Boost, 50 amps max.; 6/12V Charge, 10 amps tapering to 5 amps max.; Power Input: 5 amps max. at 117V AC, 60 cycles.
CV-58 Shpg. wt., 9½ lbs. Net 23.95



SCHAUER BATTERY CHARGERS



MODEL K412, 12V ECONOMY CHARGER

A small, efficient, low priced unit for charging 12V batteries at a 3 amp. rate. Built according to Schauer's high standard of quality of components and engineering. Size: 4¼x4¼x6¼". Shpg. wt., 4½ lbs.
CV-63 For 12V batteries Net 6.69

MODEL A5612 4-AMP 6 AND 12 VOLT CHARGER

Charges both 6 and 12 volt batteries; recharging average battery overnight. 4-amp charging rate tapers to 2 amps. Has automatic circuit breaker, accurate ammeter and selector switch for 6 or 12 volts. Size: 4¼x4¼x6¼". Shpg. wt., 5 lbs.
CV-64 Net 10.63

6-AMP OVERNIGHT CHARGERS

Will charge the average run-down battery in 7-9 hours. Delivers 6 amps to charge battery. Has ammeter to indicate exact rate of charge. Size: 6¼x6¼x7¼". Shpg. wt., 8 lbs.

CV-65 Model B412 for 12V batteries Net 10.88
CV-66 Model B4612. Charges either 6 or 12 volt batteries Net 12.98

MODEL C4612, 10-AMP HEAVY DUTY CHARGER

This model will recharge 6 and 12 volt batteries in 6 hours or less. Ideal for heavy-duty batteries on trucks, tractors, etc. Charging rate tapers to a safe finishing charge. Has meter. Size: 6¼x6¼x7¼". Shpg. wt., 10 lbs.

CV-67 Model C4612 For 6 and 12 volt batteries Net 15.84

MODEL A-8410 CHARGER PLUG FOR CAR

Permits charger to be plugged into convenient cigarette lighter receptacle. A real convenience.

CV-68 Model A-8410 For 6v cars Shpg. wt., 8 oz. Net 1.15
CV-69 Model A-8412 For 12v cars Shpg. wt., 8 oz. Net 1.15

TERADO BATTERY CHARGERS

5-AMP HI-POWER CHARGER (A)

A five ampere taper charger, to charge 6-12 volt batteries overnight. Full wave circuit contains 2 silicon rectifiers. Includes charge indicator light, 8' AC cord. No installation—plugs into cigarette lighter socket. Size: 2¼x2¼x4½". Shpg. wt., 3 lbs.
CV-21 Model 50180 Net 13.69

10-AMP SUPER CHARGER (B)

A ten ampere taper charger, for 6 or 12 volt batteries. Charges 12 volt battery in 5 hours. Full wave silicon rectifier circuit. Includes charge indicator meter. 8' heavy duty AC cord, overload circuit breaker. Connects directly to battery, or plugs into cigarette lighter socket. Size: 3x5x6". Shpg. wt., 7½ lbs.
CV-22 Model 50181 Net 25.45



WILLARD RECHARGEABLE BATTERIES

Type 25-2. Rated at 2 volts for 21 ampere-hours. Original equipment in G.E. models 250 and 260. Size: 2¼x2¼x6". Shpg. wt., 3½ lbs.
BA-450 Net 9.25
 Type ER6-2B Photo-Flash Battery. Rated at 2 volts for 6 amp. hours. Up to 250 flashes per charge. Size: 1¼x2¼x4¼". Shpg. wt., 1½ lbs.
BA-451 Net 6.39



PRECISION/PACO MODEL B-10 BATTERY ELIMINATOR AND CHARGER KIT

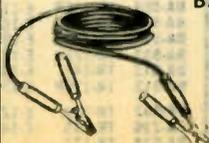
• Low Ripple, 0-16 VDC
 Features built-in low-ripple L/C filter. Output continuously variable, 0-8 and 0-16 VDC, available at both standard and low-ripple (less than 0.3%) terminals. Standard output current capacity on 6-volt range: 10 amps continuous, 20 amps intermittent; on 12 volt range, 6 amps continuous, 12 amps intermittent. Low-ripple output current capacity is 5 amps at 6 and 12 VDC. Size: 11½x7x5". For 117 VAC, 50-60 cps.
TE-463 B-10 Kit. Shpg. wt., 21 lbs. Net 43.95
TE-464 B-10W Wired Net 53.95



BATTERY BOOSTER CABLES

Standard equipment for starting stalled cars, charging batteries, etc. Made with heavy duty, flexible rubber-covered cable. Rugged copper-clad positive action grips identified by Black and Red heavy vinyl covered handles. Shpg. wt., 3 lbs.

- MS-766 8 ft. long, set of 2 Net 1.49
- MS-767 12 ft. long, set of 2 Net 2.25
- MS-491 12 ft. long, 6 gauge copper cable Net 3.15
- MS-492 Battery Booster Clip only (specify Red or Black) Net .49



CONVERTERS-BATTERY CHARGERS and ACCESSORIES



These are small, convenient power units used for converting 6 or 12 volts D.C. to 110 A.C. for operating electrical appliances that work on 110 A.C. only. Units are equipped with cigarette lighter plug-in, or direct connection to car battery in the case of the larger wattage converters. Choice depends on maximum load of equipment operated—such as electric shavers, radios, phonos, tape recorders, small power tools, mixers and blenders, etc. Special "hash-free" filtering in all units, except 50103 for auto shaver.

Stock No.	Type	Input DC Volts	Watts Contin.	Interm.	Size	WL Lbs.	Net
CV-11	50102	6	10	15	2 x 3 x 4"	2	9.12
CV-12	50103	12	15	20	2 x 3 x 4"	2	9.12
CV-13	50115	6	35	40	2½ x 2½ x 4½"	3	15.66
CV-14	50116	12	40	50	2½ x 2½ x 4½"	3	15.66
CV-15	50126	6	60	75	4 x 5 x 6"	8	32.85
CV-16	50127	12	75	100	4 x 5 x 6"	8	32.85
CV-18	50137	6	75	100	4 x 5 x 6"	9½	45.73
CV-19	50138	12	100	125	4 x 5 x 6"	9½	45.73
CV-17	50134	12	85	110	4 x 5 x 6"	9	37.88
CV-20	50153	12	175	200	5 x 5 x 11"	22	81.87

TERADO "DYNAMO"
Convert Your Table Model Radio to a Car or Boat Radio
Operate any small radio in any 12 volt car, truck, boat or trailer. No installation—just plug into cigar lighter. Needs no outside antenna—table radios will operate on their own built-in antenna. Will also operate your electric shaver or any electric appliance up to 20 watts. Complete with generator condenser and ignition noise suppressor. Measures only 2" x 2" x 3¾". Shpg. wt., 2 lbs.
CV-26 Net 8.46

TERADO QUIK-SHAVE
Any shaver, new or old, gives super performance with QUIK-SHAVE, which changes household AC electricity into jet powered DC. Lengthens shaver life. Up to 88% more cutting power for faster, closer, more comfortable shaves. Plug QUIK-SHAVE into wall outlet, attach shaver cord, and shave twice as fast!
CV-10 Shpg. wt., 8 ozs. U.L. Approved Net 3.85

CORNELL DUBILIER DC to AC CONVERTERS
Change 12 volts DC from any car or boat battery to 110 volts AC at power ratings listed below.

Stock No.	Model	Watts Inter.	Cont.	Size	WL Lbs.	Net
CV-36	12SP2	30	25	2½x3½x2½"	3	8.77
CV-45	12L8	100	80	6¼x8x5½"	13	25.82
CV-46	12H15	175	150	7½x11x6½"	22	57.04

BATTERY RECHARGER and ELIMINATOR
Recharges All Standard "Flashlight" Batteries ("C", "D", and Penlite "Z") • Restores "Life" to Battery Operated Toys • Safe, Isolated Power Supply
The new dry cell battery recharger and eliminator is like having an endless supply of flashlight batteries. Recharges "C", "D" and "Z" cell batteries in 2 to 4 hours—keeps battery-operated toys always on the go. It's a battery eliminator too—simply plug into any 110V AC outlet. Delivers 4 to 6 V. DC for "recharge" or "eliminate." Shpg. wt., 1½ lbs.
CV-59 Net 4.95

BATTERY HOLDER
Ultra-compact bakelite battery case. Holds 8-1½ volt "Z" penlite cells for supplying 12 volts. 2½" holes, 1½" on centers for mounting. Size: 2½x2¾x1¾". Imported.
MS-902 Shpg. wt., 3 oz. Net .59

BATTERY CLIPS Avg. Shipping Weight 1 oz.

Stock #	Fig.	For Burgess	For RCA	Net Ea.
CN-191	A	P6, D5, P6M, M6, XX45, XX30, XX50	VS300A, VS315, VS322, VS016, VS055, VS217	.05
CN-192	B	K45, P45, P45M, P60, D6, 4D4, N60X, C6X	VS082, VS218, VS215, VS219, VS306, VS316	.05
CN-193	C	U30, 2U6, 2N6	VS312, VS305, VS086, VS323	.44
CN-194	D	XX50, P45, P60, N60X	VS217, VS218, VS215, VS219	.27

TRANSISTORIZED POWER CONVERTER
PLUGS INTO CIGARETTE LIGHTER
Converts 12 VDC To 117 VAC
Small Enough To Mount In Any 12-Volt Car Or Boat
Supplies Voltage For Any Equipment Requiring From 10 To 125 Watts
Rated at 125 watts continuous duty, this fully transistorized, highly efficient converter plugs into your car's cigarette lighter socket to supply 117 volts AC to operate any equipment requiring 10 to 125 watts including electric shavers, recorders, record players, radio, TV and many others. Has "Power to Spare" for extra years of dependable service. Shpg. wt., 5 lbs.
CV-62 Net 29.95

DYNAMIC HIGH POWER INVERTER
Ideal For TV, HI-FI, CB & Ham Equipment
Completely Transistorized
Exceptionally Stable
Ruggedly Constructed
The Dynamic Television Inverter is just the right power converter capable of operating any TV, CB, Ham or HI-FI rig from any 12 volt battery source. Completely transistorized, it features the same output power characteristics as AC house power. No loss of B+ in TV brilliance. Has excellent stability under loads to 220 watts. The Dynamic inverter is equipped with a heavy gauge line cord for connection to a 12 volt battery. Not recommended for motors or fluorescent lights. Complete with instructions and 90 days warranty.
CV-57 Shpg. wt., 5 lbs. Net 49.95

RADIO TRANSVERTER
Converts Transistor Radio to Car Radio
Fits all Cars • Plugs into Cigarette Lighter
For all 9-Volt Transistor Radios
Now you can avoid the expense of buying a car radio with this new radio transverter. Simple to operate—remove 9-volt battery from your transistor radio, connect contacts from transverter to battery contacts in the radio, and then plug into the cigarette lighter. Fits all cars. Shpg. wt., 6 oz.
AA-102 For 12-volt Cars Net 1.47
AA-103 For 6-volt Cars Net 1.47

TRANSISTOR BATTERY HOLDERS
These Battery Holders were especially designed for use in transistor and sub-miniature electronic gear, are made of Aluminum Alloy, sturdy construction with insulated, nickel plated Brass eyelets. All multiple holders mount batteries side by side except items marked * mount end to end. Av. shpg. wt., 3 ozs.

Stock No.	Holds	Burgess	Eveready	RCA	Mallory	Net Ea.
MS-137	1					.20
MS-138	2			VS074		.34
MS-169	3	7	912			.44
MS-170	4					.57
MS-139	1	2, 9R, Y15	E9, E12, E133, E502, 505, 915, 1015E	VS034	RM12R, TR133R, RM502R, ZM-9, TR233R	.34
MS-181	2					.44
MS-380*	2					.44
MS-171	3					.44
MS-182	4					.57
MS-173	1	1	935, TR233R	VS035		.24
MS-174	2					.34
MS-381*	2					.44
MS-175	1	2, D, Z4	950		RM42R	.24
MS-176	2					.34
MS-382*	2					.44
MS-177	1	U15	412	VS084	RM412R	.24
MS-178	2					.34
MS-183	1	U20	413	VS085	RM413R	.28
MS-184	2					.36
MS-225	1	Y10	504			.20
MS-383	2					.34
MS-384	1	Y20	506			.28
MS-385	1	K10	417			.28
MS-386	1	K15	420	VS083		.28
MS-387	1	U10	411		RM411R	.28
MS-388	1		E401		RM401R	.20
MS-389	2					.37
MS-390	3					.44
MS-391			E1		RM1R	.28
MS-392			E3		RM3R	.26
MS-393			E4		RM4R	.28



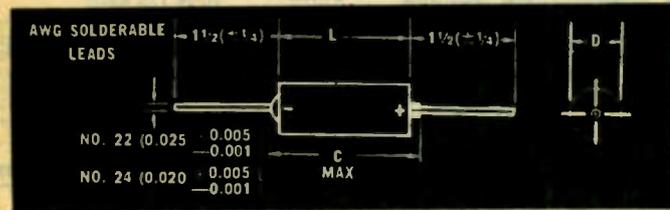
TEXAS INSTRUMENTS



SOLID TANTALUM ELECTROLYTIC CAPACITORS

SOLID TANTALUM ELECTROLYTICS

Extremely compact capacitors for miniaturized circuitry. Feature long life, stable operation, low DC leakage. Reliable performance from -80°C. to +125°C. Dry construction—cannot leak. *at 85°C; derate 35% at 125°C. Meets MIL-C-26655A/2B for moisture resistance shock, vibration. Absence of external weld allows either lead to be bent next to case, 2 oz. For plastic insulating sleeving, change Mfr. Type No. from "A" to "C" and add .02 each to price; for Mylar insulating sleeves change Mfr. Type No. from "A" to "D" and add .02 each to price.



Stock No.	Mfg's Type SCM	mfd	V	Tolerance	Size	NET EACH		
						1-24	25-49	50-99
3CC240	472FP035A4	.0047	35	20%	F 1.30	1.04	.88	.72
3CC213	472FP035A2	.0047	35	10%	F 1.50	1.20	1.01	.83
3CC214	562FP035A2	.0056	35	10%	F 1.50	1.20	1.01	.83
3CC244	682FP035A4	.0068	35	20%	F 1.30	1.04	.88	.72
3CC215	682FP035A2	.0068	35	10%	F 1.50	1.20	1.01	.83
3CC254	822FP035A2	.0082	35	10%	F 1.50	1.20	1.01	.83
3CC242	103FP035A4	.010	35	20%	F 1.30	1.04	.88	.72
3CC216	103FP035A2	.010	35	10%	F 1.50	1.20	1.01	.83
3CC217	123FP035A2	.012	35	10%	F 1.50	1.20	1.01	.83
3CC243	153FP035A4	.015	35	20%	F 1.30	1.04	.88	.72
3CC218	153FP035A2	.015	35	10%	F 1.50	1.20	1.01	.83
3CC219	183FP035A2	.018	35	10%	F 1.50	1.20	1.01	.83
3CC244	223FP035A4	.022	35	20%	F 1.30	1.04	.88	.72
3CC220	223FP035A2	.022	35	10%	F 1.50	1.20	1.01	.83
3CC221	273FP035A2	.027	35	10%	F 1.50	1.20	1.01	.83
3CC245	333FP035A4	.033	35	20%	F 1.30	1.04	.88	.72
3CC222	333FP035A2	.033	35	10%	F 1.50	1.20	1.01	.83
3CC223	393FP035A2	.039	35	10%	F 1.50	1.20	1.01	.83
3CC246	473FP035A4	.047	35	20%	F 1.30	1.04	.88	.72
3CC224	473FP035A2	.047	35	10%	F 1.50	1.20	1.01	.83
3CC225	563FP035A2	.056	35	10%	F 1.50	1.20	1.01	.83
3CC247	683FP035A4	.068	35	20%	F 1.30	1.04	.88	.72
3CC226	683FP035A2	.068	35	10%	F 1.50	1.20	1.01	.83
3CC227	823FP035A2	.082	35	10%	F 1.50	1.20	1.01	.83
3CC248	104FP035A4	.10	35	20%	F 1.30	1.04	.88	.72
3CC228	104FP035A2	.10	35	10%	F 1.50	1.20	1.01	.83
3CC229	124FP035A2	.12	35	10%	F 1.69	1.35	1.14	.84
3CC249	154FP035A4	.15	35	20%	F 1.46	1.17	.99	.73
3CC230	154FP035A2	.15	35	10%	F 1.69	1.35	1.14	.84
3CC231	184FP035A2	.18	35	10%	F 1.69	1.35	1.14	.84
3CC250	224FP035A4	.22	35	20%	F 1.46	1.17	.99	.73
3CC232	224FP035A2	.22	35	10%	F 1.69	1.35	1.14	.84
3CC233	274FP035A2	.27	35	10%	F 1.69	1.35	1.14	.84
3CC251	334FP035A4	.33	35	20%	F 1.46	1.17	.99	.73
3CC234	334FP035A2	.33	35	10%	F 1.69	1.35	1.14	.84
3CC252	394FP035A2	.39	35	10%	F 1.69	1.35	1.14	.84
3CC253	474FP035A4	.47	35	20%	F 1.46	1.17	.99	.73
3CC236	474FP035A2	.47	35	10%	F 1.69	1.35	1.14	.84
3CC237	564FP035A2	.56	35	10%	F 1.69	1.35	1.14	.84
3CC253	684FP035A4	.68	35	20%	F 1.46	1.17	.99	.73
3CC238	684FP035A2	.68	35	10%	F 1.69	1.35	1.14	.84
3CC239	824FP035A2	.82	35	10%	F 1.69	1.35	1.14	.84
3CC271	105FP035A2	1.0	35	10%	F 1.69	1.35	1.14	.84
3CC202	105FP035A4	1.0	35	20%	F 1.46	1.17	.99	.73
3CC269	105FP050A2	1.0	50	10%	F 2.44	1.95	1.64	1.42
3CC 98	125FP020A2	1.2	20	10%	F 1.69	1.35	1.14	.84
3CC124	125BPO35A2	1.2	35	10%	B 1.76	1.41	1.19	.87
3CC270	125BPO50A2	1.2	50	10%	B 2.57	2.06	1.73	1.48
3CC190	155FP020A4	1.5	20	20%	F 1.46	1.17	.99	.73
3CC 99	155FP020A2	1.5	20	10%	F 1.69	1.35	1.14	.84
3CC203	155BPO35A4	1.5	35	20%	B 1.52	1.22	1.03	.75
3CC125	155BPO35A2	1.5	35	10%	B 1.76	1.41	1.19	.87
3CC267	155BPO50A2	1.5	50	10%	B 2.57	2.06	1.73	1.48
3CC100	185FP020A2	1.8	20	10%	F 1.69	1.35	1.14	.84
3CC126	185BPO35A2	1.8	35	10%	B 1.76	1.41	1.19	.87
3CC168	185BPO50A2	1.8	50	10%	B 2.57	2.06	1.73	1.48
3CC291	225FP020A4	2.2	20	20%	F 1.46	1.17	.99	.73
3CC101	225FP020A2	2.2	20	10%	F 1.69	1.35	1.14	.84
3CC204	225BPO35A4	2.2	35	20%	B 1.52	1.22	1.03	.75
3CC127	225BPO35A2	2.2	35	10%	B 1.76	1.41	1.19	.87
3CC265	225BPO50A2	2.2	50	10%	B 2.57	2.06	1.73	1.48
3CC 75	275FP015A2	2.7	15	10%	F 1.69	1.35	1.14	.84
3CC128	275BPO35A2	2.7	35	10%	B 1.76	1.41	1.19	.87
3CC266	275BPO50A2	2.7	50	10%	B 2.57	2.06	1.73	1.48
3CC 76	335FP015A2	3.3	15	10%	F 1.69	1.35	1.14	.84
3CC205	335BPO35A4	3.3	35	20%	B 1.52	1.22	1.03	.75
3CC129	335BPO35A2	3.3	35	10%	B 1.76	1.41	1.19	.87
3CC263	335BPO50A2	3.3	50	10%	B 2.57	2.06	1.73	1.48
3CC 48	395FP010A2	3.9	10	10%	F 1.69	1.35	1.14	.84
3CC272	395BPO35A2	3.9	35	10%	B 1.76	1.41	1.19	.87
3CC264	395BPO50A2	3.9	50	10%	B 2.57	2.06	1.73	1.48
3CC164	475FP010A4	4.7	10	20%	F 1.46	1.17	.99	.73
3CC 49	475FP010A2	4.7	10	10%	F 1.69	1.35	1.14	.84

PARENT DEVICE SYSTEM

Texas Instruments Parent Device capacitor rating system gives you the advantage of high-voltage capacitors for lower voltage applications AT NO INCREASE IN COST. Higher voltage parent devices give you a built-in safety factor and simplify your stocking and procurement procedures. For example, a tan-TI-cap solid tantalum capacitor 1µf parent device is rated at 6 to 35 volts and functions in any circuit up to this maximum voltage rating. Lower voltage parent device ratings are also available, such as 10µf 6-20 volt capacitor. All Texas Instruments tan-TI-cap solid tantalum capacitors listed below are parent devices and are stocked by LAFAYETTE RADIO ELECTRONICS CORPORATION for your convenience and immediate delivery.

Case Size	D	L	C	Wire Size Avg.	P	F	Indicates Size	A	2	Avg. Wt. gms
SCM475FP006A2	SCM	475	47x10 ³ µf or 4.7 µf	F	Case	Indicates	6 volt	No insulating sleeve	10% tolerance	
F	0.125	0.250	0.422	24	0.135	0.286	0.422	0.4		
B	0.175	0.438	0.610	24	0.185	0.474	0.610	1.2		
G	0.275	0.650	0.822	22	0.289	0.686	0.822	2.0		
H	0.341	0.750	0.922	22	0.351	0.786	0.922	3.4		
3CC206	475BPO35A4	4.7	35	20%	B	1.52	1.22	1.03	.75	
3CC131	475BPO35A2	4.7	35	10%	B	1.76	1.41	1.19	.87	
3CC261	475BPO50A2	4.7	50	10%	B	2.57	2.06	1.73	1.48	
3CC 19	565FP006A2	5.6	6	10%	F	1.69	1.35	1.14	.84	
3CC132	565BPO35A2	5.6	35	10%	B	1.76	1.41	1.19	.87	
3CC262	565GPO50A2	5.6	50	10%	G	4.22	3.38	2.85	2.43	
3CC149	685FP006A4	6.8	6	20%	F	1.46	1.17	.99	.73	
3CC 20	685FP006A2	6.8	6	10%	F	1.69	1.35	1.14	.84	
3CC207	685BPO35A4	6.8	35	20%	B	1.52	1.22	1.03	.75	
3CC133	685BPO35A2	6.8	35	10%	B	1.76	1.41	1.19	.87	
3CC259	685GPO50A2	6.8	50	10%	G	4.22	3.38	2.85	2.43	
3CC108	825BPO20A2	8.2	20	10%	B	1.76	1.41	1.19	.87	
3CC134	825GPO35A2	8.2	35	10%	G	3.28	2.62	2.22	1.62	
3CC260	825GPO50A2	8.2	50	10%	G	4.22	3.38	2.85	2.43	
3CC195	106BPO20A4	10	20	20%	B	1.52	1.22	1.03	.75	
3CC109	106BPO20A2	10	20	10%	B	1.76	1.41	1.19	.87	
3CC208	106GPO35A4	10	35	20%	G	2.52	2.02	1.70	1.24	
3CC135	106GPO35A2	10	35	10%	G	2.90	2.32	1.95	1.43	
3CC257	106GPO50A2	10	50	10%	G	4.22	3.38	2.85	2.43	
3CC110	126BPO20A2	12	20	10%	B	1.76	1.41	1.19	.87	
3CC136	126GPO35A2	12	35	10%	G	2.90	2.32	1.95	1.43	
3CC258	126GPO50A2	12	50	10%	G	4.22	3.38	2.85	2.43	
3CC196	156BPO20A4	15	20	20%	B	1.52	1.22	1.03	.75	
3CC111	156BPO20A2	15	20	10%	B	1.76	1.41	1.19	.87	
3CC209	156GPO35A4	15	35	20%	G	2.52	2.02	1.70	1.24	
3CC137	156GPO35A2	15	35	10%	G	2.90	2.32	1.95	1.43	
3CC255	156GPO50A2	15	50	10%	G	4.22	3.38	2.85	2.43	
3CC112	186GPO20A2	18	20	10%	G	3.28	2.62	2.22	1.62	
3CC138	186GPO35A2	18	35	10%	G	2.90	2.32	1.95	1.43	
3CC256	186GPO50A2	18	50	10%	G	4.22	3.38	2.85	2.43	
3CC183	226BPO15A4	22	15	20%	B	1.52	1.22	1.03	.75	
3CC186	226BPO15A2	22	15	10%	B	1.76	1.41	1.19	.87	
3CC210	226GPO35A4	22	35	20%	G	2.52	2.02	1.70	1.24	
3CC139	226GPO35A2	22	35	10%	G	2.90	2.32	1.95	1.43	
3CC273	226HPO50A2	22	50	10%	H	7.88	6.31	5.32	4.53	
3CC 58	276GPO10A2	27	10	10%	B	1.76	1.41	1.19	.87	
3CC114	276GPO20A2	27	20	10%	G	2.90	2.32	1.95	1.43	
3CC140	276HPO35A2	27	35	10%	H	5.40	4.32	3.66	2.82	
3CC169	336BPO10A4	33	10	20%	B	1.52	1.22	1.03	.75	
3CC 59	336BPO10A2	33	10	10%	B	1.76	1.41	1.19	.87	
3CC198	336GPO20A4	33	20	20%	G	2.52	2.02	1.70	1.24	
3CC115	336GPO20A2	33	20	10%	G	2.90	2.32	1.95	1.43	
3CC211	336HPO35A4	33	35	20%	H	4.70	3.76	3.18	2.45	
3CC141	336HPO35A2	33	35	10%	H	5.40	4.32	3.66	2.82	
3CC 60	396BPO10A2	39	10	10%	B	1.76	1.41	1.19	.87	
3CC116	396GPO20A2	39	20	10%	G	2.90	2.32	1.95	1.43	
3CC142	396HPO35A2	39	35	10%	H	5.40	4.32	3.66		

Sprague 150D "Tantalex" Capacitors

Hermetically sealed in subminiature metal cases. Solid electrolyte cannot leak or corrode, stable capacitance and low dissipation over temperature range of -80°C to +85°C. Temp. coefficient is unusually low and linear.

nominally 600 ppm/°C. With plastic film sleeves. Shpg. wt., 3 ozs. Case size indicated by last letter in type number. All sizes include plastic sleeves.

Code	Diam. & Length	Code	Diam. & Length
A	.104" x .312"	R	.285" x .759"
B	.190" x .500"	S	.347" x .859"

TYPE 150D 6WVDC-8VDC SURGE

± 20% TOLERANCE

STOCK No.	150D No.	μF	1-24	NET EACH	100-499
3CB-10	224x0006A2	.22	1.48	1.19	1.01 .75
3CB-11	334x0006A2	.33	1.48	1.19	1.01 .75
3CB-12	474x0006A2	.47	1.48	1.19	1.01 .75
3CB-13	684x0006A2	.68	1.48	1.19	1.01 .75
3CB-14	105x0006A2	1.0	1.48	1.19	1.01 .75
3CB-15	155x0006A2	1.5	1.48	1.19	1.01 .75
3CB-16	225x0006A2	2.2	1.48	1.19	1.01 .75
3CB-17	335x0006A2	3.3	1.48	1.19	1.01 .75
3CB-18	475x0006A2	4.7	1.48	1.19	1.01 .75
3CB-19	685x0006A2	6.8	1.48	1.19	1.01 .75
3CB-20	106x0006B2	10	1.54	1.24	1.05 .77
3CB-21	156x0006B2	15	1.54	1.24	1.05 .77
3CB-22	226x0006B2	22	1.54	1.24	1.05 .77
3CB-23	336x0006B2	33	1.54	1.24	1.05 .77
3CB-24	476x0006B2	47	1.54	1.24	1.05 .77
3CB-25	606x0006B2	60	1.54	1.24	1.05 .77
3CB-26	686x0006R2	68	2.54	2.04	1.72 1.26
3CB-27	107x0006R2	100	2.54	2.04	1.72 1.26
3CB-28	127x0006R2	120	2.54	2.04	1.72 1.26
3CB-29	157x0006R2	150	2.54	2.04	1.72 1.26
3CB-30	187x0006R2	180	2.54	2.04	1.72 1.26
3CB-31	227x0006S2	220	4.72	3.78	3.19 2.47
3CB-183	277x0006S2	270	4.72	3.78	3.19 2.47
3CB-32	337x0006S2	330	4.72	3.78	3.19 2.47

TYPE 150D 10 WVDC-13 VDC SURGE

± 20% TOLERANCE

STOCK No.	150D No.	μF	1-24	NET EACH	100-499
3CB-33	224x0010A2	.22	1.48	1.19	1.01 .75
3CB-34	334x0010A2	.33	1.48	1.19	1.01 .75
3CB-35	474x0010A2	.47	1.48	1.19	1.01 .75
3CB-36	684x0010A2	.68	1.48	1.19	1.01 .75
3CB-37	105x0010A2	1.0	1.48	1.19	1.01 .75
3CB-38	155x0010A2	1.5	1.48	1.19	1.01 .75
3CB-39	225x0010A2	2.2	1.48	1.19	1.01 .75
3CB-40	335x0010A2	3.3	1.48	1.19	1.01 .75
3CB-41	475x0010A2	4.7	1.48	1.19	1.01 .75
3CB-42	685x0010B2	6.8	1.54	1.24	1.05 .77
3CB-43	106x0010B2	10	1.54	1.24	1.05 .77
3CB-44	156x0010B2	15	1.54	1.24	1.05 .77
3CB-45	226x0010B2	22	1.54	1.24	1.05 .77
3CB-46	336x0010B2	33	1.54	1.24	1.05 .77
3CB-47	406x0010B2	40	1.54	1.24	1.05 .77
3CB-184	476x0010R2	47	2.54	2.04	1.72 1.26
3CB-48	686x0010R2	68	2.54	2.04	1.72 1.26
3CB-49	107x0010R2	100	2.54	2.04	1.72 1.26
3CB-50	127x0010R2	120	2.54	2.04	1.72 1.26
3CB-51	157x0010S2	150	4.72	3.78	3.19 2.47
3CB-52	227x0010S2	220	4.72	3.78	3.19 2.47

TYPE 150D 35 WVDC-40 VDC SURGE

± 20% TOLERANCE

STOCK No.	150D No.	μF	1-24	NET EACH	100-499
3CB-98	472x0035A2	.0047	1.32	1.06	.90 .74
3CB-99	682x0035A2	.0068	1.32	1.06	.90 .74
3CB-100	103x0035A2	.01	1.32	1.06	.90 .74
3CB-101	153x0035A2	.015	1.32	1.06	.90 .74
3CB-102	223x0035A2	.022	1.32	1.06	.90 .74
3CB-103	333x0035A2	.033	1.32	1.06	.90 .74
3CB-104	473x0035A2	.047	1.32	1.06	.90 .74
3CB-105	683x0035A2	.068	1.32	1.06	.90 .74
3CB-106	104x0035A2	.10	1.32	1.06	.90 .74
3CB-107	154x0035A2	.15	1.48	1.19	1.01 .75
3CB-108	224x0035A2	.22	1.48	1.19	1.01 .75
3CB-109	334x0035A2	.33	1.48	1.19	1.01 .75
3CB-110	474x0035A2	.47	1.48	1.19	1.01 .75

TYPE 150D 50WVDC-60 VDC SURGE

± 10% TOLERANCE

STOCK No.	150D No.	μF	1-24	NET EACH	100-499
3CB-189	472x9050A2	.0047	2.48	1.99	1.68 1.45
3CB-190	562x9050A2	.0056	2.48	1.99	1.68 1.45
3CB-191	682x9050A2	.0068	2.48	1.99	1.68 1.45
3CB-192	822x9050A2	.0082	2.48	1.99	1.68 1.45
3CB-193	103x9050A2	.01	2.48	1.99	1.68 1.45
3CB-194	123x9050A2	.012	2.48	1.99	1.68 1.45
3CB-195	153x9050A2	.015	2.48	1.99	1.68 1.45
3CB-196	183x9050A2	.018	2.48	1.99	1.68 1.45
3CB-197	223x9050A2	.022	2.48	1.99	1.68 1.45
3CB-198	273x9050A2	.027	2.48	1.99	1.68 1.45
3CB-199	333x9050A2	.033	2.48	1.99	1.68 1.45
3CB-871	393x9050A2	.039	2.48	1.99	1.68 1.45
3CB-872	473x9050A2	.047	2.48	1.99	1.68 1.45
3CB-873	563x9050A2	.056	2.48	1.99	1.68 1.45
3CB-874	683x9050A2	.068	2.48	1.99	1.68 1.45
3CB-875	823x9050A2	.082	2.48	1.99	1.68 1.45
3CB-876	104x9050A2	.1	2.48	1.99	1.68 1.45
3CB-877	124x9050A2	.12	2.48	1.99	1.68 1.45
3CB-878	154x9050A2	.15	2.48	1.99	1.68 1.45
3CB-880	184x9050A2	.18	2.48	1.99	1.68 1.45
3CB-881	224x9050A2	.22	2.48	1.99	1.68 1.45
3CB-882	274x9050A2	.27	2.48	1.99	1.68 1.45

TYPE 150D 15WVDC-18 VDC SURGE

± 20% TOLERANCE

STOCK No.	150D No.	μF	1-24	NET EACH	100-499
3CB-53	224x0015A2	.22	1.48	1.19	1.01 .75
3CB-54	334x0015A2	.33	1.48	1.19	1.01 .75
3CB-55	474x0015A2	.47	1.48	1.19	1.01 .75
3CB-56	684x0015A2	.68	1.48	1.19	1.01 .75
3CB-57	105x0015A2	1.0	1.48	1.19	1.01 .75
3CB-58	155x0015A2	1.5	1.48	1.19	1.01 .75
3CB-59	225x0015A2	2.2	1.48	1.19	1.01 .75
3CB-60	335x0015A2	3.3	1.48	1.19	1.01 .75
3CB-61	475x0015B2	4.7	1.54	1.24	1.05 .77
3CB-62	685x0015B2	6.8	1.54	1.24	1.05 .77
3CB-63	106x0015B2	10	1.54	1.24	1.05 .77
3CB-64	156x0015B2	15	1.54	1.24	1.05 .77
3CB-65	226x0015B2	22	1.54	1.24	1.05 .77
3CB-66	336x0015R2	33	2.54	2.04	1.72 1.26
3CB-67	476x0015R2	47	2.54	2.04	1.72 1.26
3CB-68	686x0015R2	68	2.54	2.04	1.72 1.26
3CB-69	107x0015S2	100	4.72	3.78	3.19 2.47
3CB-70	157x0015S2	150	4.72	3.78	3.19 2.47

TYPE 150D 20WVDC-23 VDC SURGE

± 20% TOLERANCE

STOCK No.	150D No.	μF	1-24	NET EACH	100-499
3CB-71	472x0020A2	.0047	1.32	1.06	.90 .74
3CB-72	682x0020A2	.0068	1.32	1.06	.90 .74
3CB-73	103x0020A2	.01	1.32	1.06	.90 .74
3CB-74	153x0020A2	.015	1.32	1.06	.90 .74
3CB-75	223x0020A2	.022	1.32	1.06	.90 .74
3CB-76	333x0020A2	.033	1.32	1.06	.90 .74
3CB-77	473x0020A2	.047	1.32	1.06	.90 .74
3CB-78	683x0020A2	.068	1.32	1.06	.90 .74
3CB-79	104x0020A2	.10	1.32	1.06	.90 .74
3CB-80	154x0020A2	.15	1.48	1.19	1.01 .75
3CB-81	224x0020A2	.22	1.48	1.19	1.01 .75
3CB-82	334x0020A2	.33	1.48	1.19	1.01 .75
3CB-83	474x0020A2	.47	1.48	1.19	1.01 .75
3CB-84	684x0020A2	.68	1.48	1.19	1.01 .75
3CB-85	105x0020A2	1.0	1.48	1.19	1.01 .75
3CB-86	155x0020A2	1.5	1.48	1.19	1.01 .75
3CB-87	225x0020A2	2.2	1.48	1.19	1.01 .75
3CB-88	335x0020B2	3.3	1.54	1.24	1.05 .77
3CB-89	475x0020B2	4.7	1.54	1.24	1.05 .77
3CB-90	685x0020B2	6.8	1.54	1.24	1.05 .77
3CB-91	106x0020B2	10	1.54	1.24	1.05 .77
3CB-92	156x0020B2	15	1.54	1.24	1.05 .77
3CB-93	226x0020R2	22	2.54	2.04	1.72 1.26
3CB-94	336x0020R2	33	2.54	2.04	1.72 1.26
3CB-95	476x0020R2	47	2.54	2.04	1.72 1.26
3CB-96	686x0020S2	68	4.72	3.78	3.19 2.47
3CB-97	107x0020S2	100	4.72	3.78	3.19 2.47

TYPE 150D 6WVDC-8VDC SURGE

± 10% TOLERANCE

STOCK No.	150D No.	μF	1-24	NET EACH	100-499
3CB-168	565x9006A2	5.6	1.70	1.37	1.16 .86
3CB-170	685x9006A2	6.8	1.70	1.37	1.16 .86
3CB-181	476x9006B2	47	1.77	1.42	1.20 .88
3CB-182	566x9006B2	56	1.77	1.42	1.20 .88

TYPE 150D 10WVDC-13VDC SURGE

± 10% TOLERANCE

STOCK No.	150D No.	μF	1-24	NET EACH	100-499
3CB-164	395x9010A2	3.9	1.70	1.37	1.16 .86
3CB-166	475x9010A2	3.9	1.70	1.37	1.16 .86
3CB-178	276x9010B2	27	1.77	1.42	1.20 .88
3CB-179	336x9010B2	33	1.77	1.42	1.20 .88
3CB-180	396x9010B2	39	1.77	1.42	1.20 .88

TYPE 150D 15WVDC-18VDC SURGE

± 10% TOLERANCE

STOCK No.	150D No.	μF	1-24	NET EACH	100-499
3CB-160	275x9015A2	2.7	1.70	1.37	1.16 .86
3CB-162	335x9015A2	3.3	1.70	1.37	1.16 .86
3CB-176	186x9015B2	18	1.77	1.42	1.20 .88
3CB-177	226x9015B2	22	1.77	1.42	1.20 .88

TYPE 150D 20WVDC-23VDC SURGE

± 10% TOLERANCE

STOCK No.	150D No.	μF	1-24	NET EACH	100-499
3CB-152	125x9020A2	1.2	1.70	1.37	1.16 .86
3CB-154	155x9020A2	1.5	1.70	1.37	1.16 .86
3CB-156	185x9020A2	1.8	1.70	1.37	1.16 .86
3CB-158	225x9020A2	2.2	1.70	1.37	

MALLORY TANTALUM CAPACITORS

TAS SOLID ELECTROLYTE

Commercial equivalent to MIL-C-26655/2, CS12 (uninsulated) and CS13 (insulated). Sintered anode-solid electrolyte in hermetically sealed miniature metal case. ± 20% tolerance (± 10% tolerance available on request). Values with (*) are preferred MIL types. Size: (A) .125 dia. x .250, (C) .175 dia. x .438, (F) .279 dia. x .650, (G) .341 dia. x .750. For MYLAR insul. sleeve, add .02 to prices shown and change next-to-last type number to "1". (Example: TAS 334 M006P1A). 50 Volt Units Available on Special Order.

6WVDC—8VDC SURGE

Stock No.	TAS Type	NET EACH			
		MFD.	1-24	25-49	50-99 499
3CB-597	334M006POA	.33	1.43	1.15	.98 .73
3CB-602	474M006POA	.47	1.43	1.15	.98 .73
3CB-607	684M006POA	.68	1.43	1.15	.98 .73
3CB-612	105M006POA	1.0	1.43	1.15	.98 .73
3CB-617	155M006POA	1.5	1.43	1.15	.98 .73
3CB-622	225M006POA	2.2	1.43	1.15	.98 .73
3CB-627	335M006POA	3.3	1.43	1.15	.98 .73
3CB-672	475M006POA	4.7	1.43	1.15	.98 .73
3CB-677*	685M006POA	6.8	1.43	1.15	.98 .73
3CB-617	106M006POC	1.0	1.52	1.22	1.03 .75
3CB-622	156M006POC	1.5	1.52	1.22	1.03 .75
3CB-627	226M006POC	2.2	1.52	1.22	1.03 .75
3CB-632	336M006POC	3.3	1.52	1.22	1.03 .75
3CB-637*	476M006POC	4.7	1.52	1.22	1.03 .75
3CB-642	686M006POF	6.8	2.50	2.00	1.69 1.24
3CB-647	107M006POF	10.0	2.50	2.00	1.69 1.24
3CB-651*	157M006POF	15.0	2.50	2.00	1.69 1.24
3CB-654	227M006POG	22.0	4.64	3.72	3.14 2.45
3CB-656*	337M006POG	33.0	4.64	3.72	3.14 2.45

10WVDC—12VDC SURGE

Stock No.	TAS Type	NET EACH			
		MFD.	1-24	25-49	50-99 499
3CB-598	334M010POA	.33	1.43	1.15	.98 .73
3CB-603	474M010POA	.47	1.43	1.15	.98 .73
3CB-608	684M010POA	.68	1.43	1.15	.98 .73
3CB-613	105M010POA	1.0	1.43	1.15	.98 .73
3CB-618	155M010POA	1.5	1.43	1.15	.98 .73
3CB-623	225M010POA	2.2	1.43	1.15	.98 .73
3CB-668	335M010POA	3.3	1.43	1.15	.98 .73
3CB-673*	475M010POA	4.7	1.43	1.15	.98 .73
3CB-845	685M010POC	6.8	1.52	1.22	1.03 .75
3CB-618	106M010POC	1.0	1.52	1.22	1.03 .75
3CB-623	156M010POC	1.5	1.52	1.22	1.03 .75
3CB-628	226M010POC	2.2	1.52	1.22	1.03 .75
3CB-633*	336M010POC	3.3	1.52	1.22	1.03 .75
3CB-638	476M010POF	4.7	2.50	2.00	1.69 1.24
3CB-643	686M010POF	6.8	2.50	2.00	1.69 1.24
3CB-648*	107M010POF	10.0	2.50	2.00	1.69 1.24
3CB-652	157M010POG	15.0	4.64	3.72	3.14 2.45
3CB-655*	227M010POG	22.0	4.64	3.72	3.14 2.45

15WVDC—17VDC SURGE

Stock No.	TAS Type	NET EACH			
		MFD.	1-24	25-49	50-99 499
3CB-599	334M015POA	.33	1.43	1.15	.98 .73
3CB-604	474M015POA	.47	1.43	1.15	.98 .73
3CB-609	684M015POA	.68	1.43	1.15	.98 .73
3CB-614	105M015POA	1.0	1.43	1.15	.98 .73
3CB-619	155M015POA	1.5	1.43	1.15	.98 .73
3CB-624	225M015POA	2.2	1.43	1.15	.98 .73
3CB-669*	335M015POA	3.3	1.43	1.15	.98 .73
3CB-846	475M015POC	4.7	1.52	1.22	1.03 .75
3CB-679	685M015POC	6.8	1.52	1.22	1.03 .75
3CB-619	106M015POC	1.0	1.52	1.22	1.03 .75
3CB-624	156M015POC	1.5	1.52	1.22	1.03 .75
3CB-629*	226M015POC	2.2	1.52	1.22	1.03 .75
3CB-634	336M015POF	3.3	2.50	2.00	1.69 1.24
3CB-639	476M015POF	4.7	2.50	2.00	1.69 1.24
3CB-644*	686M015POF	6.8	2.50	2.00	1.69 1.24
3CB-649	107M015POG	10.0	4.64	3.72	3.14 2.45
3CB-653*	157M015POG	15.0	4.64	3.72	3.14 2.45

20WVDC—23VDC SURGE

Stock No.	TAS Type	NET EACH			
		MFD.	1-24	25-49	50-99 499
3CB-788	684M020POA	.68	1.43	1.15	.98 .73
3CB-789*	155M020POA	1.5	1.43	1.15	.98 .73
3CB-790*	225M020POA	2.2	1.43	1.15	.98 .73
3CB-791	475M020POC	4.7	1.52	1.22	1.03 .75
3CB-792	685M020POC	6.8	1.52	1.22	1.03 .75
3CB-793*	106M020POC	1.0	1.52	1.22	1.03 .75
3CB-794*	156M020POC	1.5	1.52	1.22	1.03 .75
3CB-795*	226M020POF	2.2	2.50	2.00	1.69 1.24
3CB-796*	336M020POF	3.3	2.50	2.00	1.69 1.24
3CB-797*	476M020POF	4.7	2.50	2.00	1.69 1.24
3CB-798	686M020POG	6.8	4.64	3.72	3.14 2.45
3CB-799	107M020POG	10.0	4.64	3.72	3.14 2.45

35WVDC—41VDC SURGE

Stock No.	TAS Type	NET EACH			
		MFD.	1-24	25-49	50-99 499
3CB-601*	334M035POA	.33	1.43	1.15	.98 .73
3CB-606*	474M035POA	.47	1.43	1.15	.98 .73
3CB-611*	684M035POA	.68	1.43	1.15	.98 .73
3CB-616*	105M035POA	1.0	1.43	1.15	.98 .73
3CB-661*	155M035POC	1.5	1.52	1.22	1.03 .75
3CB-666*	225M035POC	2.2	1.52	1.22	1.03 .75
3CB-671*	335M035POC	3.3	1.52	1.22	1.03 .75
3CB-676*	475M035POC	4.7	1.52	1.22	1.03 .75
3CB-681*	685M035POC	6.8	1.52	1.22	1.03 .75
3CB-621*	106M035POF	1.0	2.50	2.00	1.69 1.24
3CB-626*	156M035POF	1.5	2.50	2.00	1.69 1.24
3CB-631*	226M035POF	2.2	2.50	2.00	1.69 1.24
3CB-636*	336M035POG	3.3	4.64	3.72	3.14 2.45
3CB-641*	476M035POG	4.7	4.64	3.72	3.14 2.45
3CB-646	686M035POG	6.8	4.64	3.72	3.14 2.45

SUBMINIATURE PELLET ANODE

TNT, TAP, TAH are subminiature pellet anode types, liquid electrolyte sintered anode, with metal case and epoxy end seal. CASE SIZES: TNT, .165 dia. x (A) .350 and (B) .500; TAP & TAH, .238 dia. x (A) .500, (B) .660, and (C) .875 length. Add .05 to prices shown for MYLAR sleeve and use "1" as 12th digit. Tolerance: TNT & TAP= -15% +75%; TAH= -15% +20%.

Stock No.	TNT Type	Net Each			
		MFD	1-24	25-49	50-99 499
3CB-564	205U050POA	2	50	1.24	.99 .84 .71
3CB-563	405U050POA	4	50	1.24	.99 .84 .71
3CB-562	605U050POA	6	35	1.24	.99 .84 .71
3CB-553	805U050POB	8	50	1.46	1.17 .99 .84
3CB-561	126U015POA	12	15	1.24	.99 .84 .71
3CB-800	126U035POB	12	35	1.46	1.17 .99 .84
3CB-554	156U030POB	15	30	1.46	1.17 .99 .84
3CB-560	256U060POA	25	6	1.24	.99 .84 .71
3CB-555	256U015POB	25	15	1.46	1.17 .99 .84
3CB-801	356U012POB	35	12	1.46	1.17 .99 .84
3CB-559	406U003POA	40	3	1.24	.99 .84 .71
3CB-556	506U006POB	50	6	1.46	1.17 .99 .84
3CB-557	806U003POB	80	3	1.46	1.17 .99 .84

TAP—55° to +85°C

Stock No.	TAP Type	Net Each			
		MFD	1-24	25-49	50-99 499
3CB-565	205U090POA	2	90	1.46	1.17 .99 .84
3CB-566	355U075POA	3.5	75	1.46	1.17 .99 .84
3CB-567	405U060POA	4	60	1.46	1.17 .99 .84
3CB-568	505U050POA	5	50	1.46	1.17 .99 .84
3CB-569	605U040POA	6	40	1.46	1.17 .99 .84
3CB-570	805U030POA	8	30	1.46	1.17 .99 .84
3CB-571	106U025POA	10	25	1.46	1.17 .99 .84
3CB-572	126U020POB	11	90	2.46	1.97 1.66 1.415
3CB-573	156U015POA	15	15	1.46	1.17 .99 .84
3CB-803	156U075POB	15	75	2.46	1.97 1.66 1.415
3CB-574	206U010POA	20	10	1.46	1.17 .99 .84
3CB-804	206U060POB	20	60	2.46	1.97 1.66 1.415
3CB-805	256U050POB	25	50	2.46	1.97 1.66 1.415
3CB-857	306U090POC	30	90	4.28	3.42 2.89 2.46
3CB-858	406U075POC	40	75	4.28	3.42 2.89 2.46
3CB-859	506U060POC	50	60	4.28	3.42 2.89 2.46
3CB-860	606U050POC	60	50	4.28	3.42 2.89 2.46
3CB-861	107U030POC	100	30	4.28	3.42 2.89 2.46
3CB-862	177U015POC	170	15	4.28	3.42 2.89 2.46
3CB-863	257U010POC	250	10	4.28	3.42 2.89 2.46
3CB-864	337U006POC	330	6	4.28	3.42 2.89 2.46

TAM—55° to +125°C

Stock No.	TAM Type	Net Each			
		MFD	125°	1-24	25-49 50-99 499
3CB-808	205R060POA	2	60	2.20	1.75 1.48 1.26
3CB-807	355R050POA	3.5	50	2.20	1.75 1.48 1.26
3CB-808	505R030POA	5	30	2.20	1.75 1.48 1.26
3CB-809	605R025POA	6	25	2.20	1.75 1.48 1.26
3CB-810	805R020POA	8	20	2.20	1.75 1.48 1.26
3CB-811	106R015POA	10	15	2.20	1.75 1.48 1.26
3CB-812	116R060POB	11	60	3.68	2.94 2.49 2.12
3CB-813	126R013POA	12	13	2.20	1.75 1.48 1.26
3CB-814	156R010POA	15	10	2.20	1.75 1.48 1.26
3CB-815	156R050POB	15	50	3.68	2.94 2.49 2.12
3CB-816	206R007POA	20	7	2.20	1.75 1.48 1.26
3CB-817	206R040POB	20	40	3.68	2.94 2.49 2.12
3CB-818	306R004POA	30	4	2.20	1.75 1.48 1.26
3CB-819	306R060POC	30	60	7.05	5.65 4.76 4.50
3CB-820	406R020POB	40	20	3.68	2.94 2.49 2.12
3CB-821	406R050POC	40	50	7.05	5.65 4.76 4.50

MINIATURE HIGH TEMPERATURE

MTF and XTM are metal case, hermetically sealed with sintered anode and liquid electrolyte. MTF is commercial equivalent to MIL Style CL-44. Tol.= -15% +50%.

Stock No.	XTM Type	NET EACH			
		MFD.	85°C	1-24	25-49 50-99
3CB-589	116T090POH	11	90		
3CB-590	156T050POH	15	75		
3CB-591	206T060POH	20	60	1.24	6.76
3CB-592	256T050POH	25	50	25.49	5.41
3CB-593	406T040POH	40	30	50.99	4.56
3CB-594	706T015POH	70	15	100.499	3.89
3CB-595	107T010POH	100	10		
3CB-596	147T006POH	140	6		

XTM—55° to +175°C
MIL-C-3965/20A Style CL 10 (Case "A"—axial leads) shown below. CL 13 (Case "D"—pos. lug and neg. #6-32 stud) also available. Six (6) other case configurations available on special order, ask for details.

Stock No.	XTM Type	NET EACH			
		MFD	85°C	1-24	25-49 50-99
3CB-529	406T035POA	40	35	6.56	6.12 5.68
3CB-530	256T060POA	25	60	6.56	6.12 5.68
3CB-531	166T090POA	16	90	6.56	6.12 5.68
3CB-532	805T170POA	8	170	9.90	9.24 8.56
3CB-533	5				

MALLORY AND C-D INDUSTRIAL CAPACITORS

TANTALUM FOIL CAPACITORS

Plain tantalum foil capacitors. Range .5 to 440 mfd; $\pm 20\%$ tolerance. Temperature range -55° to $+85^{\circ}$ C. TAF case size designated by last letter of type No.: Uninsulated: A = $\frac{1}{4}$ " Dia x $\frac{1}{4}$ " L; B = $\frac{1}{2}$ " Dia x $\frac{1}{2}$ " L; C = $\frac{3}{8}$ " Dia x $1\frac{1}{2}$ " L; D = $\frac{3}{8}$ " Dia x $2\frac{1}{2}$ " L;

E = $\frac{3}{8}$ " Dia x $2\frac{3}{4}$ " L. Available with Mylar insulating sleeve on special order. Specify "with Mylar sleeve." Change TAF 12th digit number from zero to 1 or CL-34 to CL-35 and add 10c to each price. Av. shpg. wt., 3 oz.

CL34 TAF POLARIZED		
Stock No.	Mfd.	WVDC
3CB-707	10	3
3CB-714	50	3
3CB-779	160	3
3CB-855	350	3
3CB-787	440	3
3CB-706	8	6
3CB-712	30	6
3CB-713	35	6
3CB-777	100	6
3CB-781	200	6
3CB-786	300	6
3CB-704	6	10
3CB-711	25	10
3CB-784	80	10
3CB-780	160	10
3CB-785	220	10
3CB-702	4.5	15
3CB-856	10	15
3CB-710	18	15
3CB-775	55	15
3CB-853	110	15
3CB-854	160	15
3CB-699	3	25
3CB-709	12	25
3CB-772	35	25
3CB-906	70	25
3CB-698	2.5	30
3CB-708	10	30
3CB-770	30	30
3CB-783	60	30
3CB-776	85	30
3CB-696	1.5	50
3CB-705	6	50
3CB-766	20	50
3CB-773	40	50
3CB-782	55	50
3CB-695	1.2	60
3CB-703	5	60

POLARIZED		
Stock No.	Mfd.	WVDC
3CB-852	17	60
3CB-849	34	60
3CB-850	48	60
3CB-693	1	75
3CB-701	4	75
3CB-765	14	75
3CB-769	28	75
3CB-774	40	75
3CB-692	8	100
3CB-700	3	100
3CB-763	10	100
3CB-767	20	100
3CB-771	30	100
3CB-691	5	150
3CB-694	1	150
3CB-697	2	150
3CB-761	4	150
3CB-847	7	150
3CB-762	8	150
3CB-764	12	150
3CB-848	14	150
3CB-768	20	150

TAM-SOLID ELECTROLYTE

Sintered anode-solid electrolyte plastic encapsulated. Temp. range: -55° to $+85^{\circ}$ C. $\pm 20\%$ tol. Parallel leads .175 spacing. SIZE: $\frac{1}{4}$ " square x $\frac{1}{2}$ " thick.

Stock No.	TAM TYPE	MFO.	WVDC
3CB-682	685M025P5C	6.8	25
3CB-683	106M025P5C	10	25
3CB-684	156M025P5C	15	25
3CB-685	226M015P5C	22	15
3CB-686	336M010P5C	33	10
3CB-687	396M010P5C	39	10
3CB-688	566M006P5C	56	6
1-24, EACH	1.20	25-49 EACH	.96
50-99, EACH	.82	100-499 EACH	.69

CORNELL-DUBILIER CAPACITORS

CORNELL-DUBILIER ULTRA-SMALL ALUMINUM-CASES ELECTROLYTICS

Type NLW—Compact hermetically sealed aluminum foil electrolytic capacitors. With welded leads. Shpg. wt., 2ozs. Diams. vary from $\frac{1}{16}$ " to $\frac{3}{16}$ ". Lengths from $\frac{1}{4}$ " to $1\frac{1}{2}$ ".

Stock No.	μ F	WVDC	NET EACH IN LOTS OF			
			1-24	25-49	50-99	100-249
CG-603	25	3	.75	.48	.38	.30
CG-604	40	3	.75	.48	.38	.30
CG-605	50	3	.75	.48	.38	.30
CG-607	200	3	.90	.56	.44	.35
CG-614	10	6	.81	.46	.36	.29
CG-615	15	6	.81	.48	.38	.30
CG-616	20	6	.81	.48	.38	.30
CG-618	30	6	.84	.48	.38	.30
CG-619	40	6	.84	.48	.38	.30
CG-625	25	10	.81	.51	.39	.32
CG-626	50	10	.90	.56	.44	.35
CG-628	5	15	.84	.46	.36	.29
CG-629	10	15	.84	.48	.38	.30
CG-630	20	15	.87	.48	.38	.30
CG-631	30	15	.90	.51	.39	.32
CG-633	6	25	.84	.48	.38	.30
CG-634	10	25	.87	.48	.38	.30
CG-635	15	25	.87	.51	.39	.32
CG-637	5	50	.87	.55	.43	.34
CG-638	10	50	.90	.56	.43	.35
CG-639	20	50	.90	.56	.43	.35



MALLORY "HC" HIGH CAPACITY DRY ELECTROLYTIC CAPACITORS

High quality, etch-plate electrolytic capacitors supplied in a moisture-resistant plastic case incorporating a newly designed silicone vent for proper venting without loss of electrolytic. Temperature range -40° to $+85^{\circ}$ C.

Tolerance: up to 150 Volts DC -10% to $+100\%$; above 150 volts DC -10% to $+50\%$. All units feature screw terminals except HC1000A which has solder lug terminals. Supplied with VR bracket for vertical mounting. Vary in size from $1\frac{1}{2}$ "x $2\frac{3}{4}$ " to $2\frac{1}{2}$ "x $4\frac{1}{2}$ "

No.	HC No.	Mfd.	WVDC	1-9	10-24	25-49	50-99	100-249
3CB-727	1020A	2000	10	3.36	2.88	1.68	1.30	1.15
3CB-728	1040A	4000	10	4.60	3.95	2.30	1.78	1.58
3CB-729	1060A	6000	10	5.20	4.46	2.60	2.00	1.78
3CB-730	10100	10000	10	7.81	6.69	3.90	3.01	2.68
3CB-731	1520A	2000	15	3.47	2.97	1.73	1.34	1.19
3CB-732	1540A	4000	15	5.37	4.61	2.69	2.07	1.84
3CB-733	1560A	6000	15	5.62	4.82	2.81	2.17	1.93
3CB-734	2050	2000	20	8.00	6.86	4.00	3.09	2.74
3CB-735	2060	6000	20	6.11	5.24	3.05	2.36	2.09
3CB-736	2060A	6000	20	6.11	5.24	3.05	2.36	2.09
3CB-737	2510A	1000	25	3.19	2.73	1.59	1.23	1.09
3CB-738	2520A	2000	25	4.15	3.56	2.07	1.60	1.42

*Aluminum can with solder lug terminals



"NP" NON-POLARIZED DRY ELECTROLYTIC CAPACITORS

Same as "HC" except non-polarized. Tolerance -25% to $+25\%$ (except NP3003 is -15% to $+25\%$.)

Stock No.	NP No.	Mfd.	WV DC	1-9	10-24	25-49	50-99	100-249
3CB-751	1225A	200	125	4.04	3.47	2.02	1.56	1.39
3CB-752	1235A	300	125	4.87	4.17	2.43	1.88	1.67
3CB-753	1255A	500	125	6.30	5.40	3.15	2.43	2.16
3CB-754	3003A	15	300	2.87	2.46	1.44	1.11	.98
3CB-755	3008	50	300	5.25	4.50	2.63	2.03	1.80
3CB-756	3014A	100	300	6.13	5.25	3.06	2.37	2.10
3CB-757	3025	200	300	7.00	6.00	3.50	2.70	2.40
3CB-758	4505	50	450	6.30	5.40	3.15	2.43	2.16
3CB-759	4510	100	450	7.70	6.60	3.85	2.97	2.64



SPRAGUE BYPASS CAPACITORS

Three terminal network feed-thru capacitors. Bypass VHF currents (up to 150Mc). Suppress TVI from short-wave transmitters, diathermy machines, etc. Reduce vibrator hash and harmonic radiation generator and regulator noise. Install leads in series with circuit being filtered and ground the case. Av. shpg. wt. 4 oz. * Have female screw terminals; + Bulkhead mounting

Stock No.	Type No.	μ F	Amps	WVDC	Dia. x L.	Net
CG-76	48P18*	.5	40	50	1x1 $\frac{1}{2}$ "	2.23
CG-10	48P8*	.1	20	600	1 $\frac{1}{2}$ x1 $\frac{1}{2}$ "	1.53
CG-77	46P12	.002	15	600	1 $\frac{1}{2}$ x1 $\frac{1}{2}$ "	1.26
CG-11	80P3*+	.1	20	600	1 $\frac{1}{2}$ x1 $\frac{1}{2}$ "	1.74
CG-78	47P16	.002	20	5000	1x1 $\frac{1}{2}$ "	1.88

C-D DEMICON TYPE TWU METAL-CASED TUBULAR CAPACITORS

Hermetically sealed in uninsulated metal case with glass-to-metal seal. Minimize space saving. Standard wire lead terminals. Dykanol U oil impregnant with -55° to $+125^{\circ}$ C temperature range. Tolerance $\pm 10\%$. Surpass performance requirements of MIL-C-25.

Stock No.	Type TWU	MFO	Size	NET EACH IN LOTS OF			
				1-9	10-24	25-50	50-100
3CB-434	2P47K	200	.562x1 $\frac{3}{8}$ "	2.19	1.64	1.23	.82
3CB-435	2W1K	1.0	.670x1 $\frac{1}{2}$ "	2.52	1.90	1.42	.95
3CB-436	4S47K	.047	.400x $\frac{7}{8}$ "	1.86	1.39	1.04	.69
3CB-437	4P22K	.22	.562x1 $\frac{3}{8}$ "	2.19	1.64	1.23	.82
3CB-438	4P47K	.47	.670x1 $\frac{1}{2}$ "	2.52	1.90	1.42	.95
3CB-439	6D1K	.001	.235x $\frac{3}{4}$ "	1.88	1.25	.94	.63
3CB-440	6D47K	.0047	.235x $\frac{3}{4}$ "	1.71	1.28	.96	.64
3CB-441	6S1K	.01	.312x $\frac{7}{8}$ "	1.74	1.31	.99	.66
3CB-442	6S47K	.047	.400x1 $\frac{1}{8}$ "	1.89	1.42	1.06	.71
3CB-443	6P1K	.1	.562x1 $\frac{1}{8}$ "	2.10	1.58	1.19	.79
3CB-444	6P22K	.22	.562x1 $\frac{1}{8}$ "	2.34	1.76	1.32	.88
3CB-445	6P47K	.47	.750x2 $\frac{1}{8}$ "	2.76	2.06	1.55	1.03

CALL OUR INDUSTRIAL DIVISIONS FOR C-D MIL-C-25 CAPACITORS STYLES CP-04, CP-05, CP-08, 09, 10, 11, 12 and 13 CAPACITORS



TYPE FB HIGH CAPACITY ELECTROLYTICS

Type FB capacitors in round cardboard sleeved, aluminum cans are designed for high capacity, low voltage applications. Av. shpg. wt., 6 oz. Av. size: 1 $\frac{1}{2}$ "x3 $\frac{1}{2}$ "

Stock No.	Type FB	Mfd.	WV DC	NET EA.	IN LOTS OF
3CB-389	1520	2000	15	2.82	1.62
3CB-390	1560	6000	15	6.00	2.26
3CB-391	2510	1000	25	2.88	1.57
3CB-392	2520	2000	25	3.45	1.85
3CB-393	2540	4000	25	3.70	2.32
3CB-394	2550	5000	25	6.60	3.42
3CB-395	5005	500	50	2.34	1.71
3CB-396	5010	1000	50	4.20	1.83
3CB-397	5020	2000	50	5.46	2.29
3CB-398	5040	4000	50	7.50	4.90

CENTRALAB CERAMIC CAPACITORS



CRL ID 500 WVDC CERAMIC DISCS

Ideal for by-pass coupling in high frequency circuits. All 500 WVDC. Tolerance all $\pm 10\%$ except * $\pm 20\%$, † $\pm 5\%$ MMF. ‡ GMV, ** $\pm 80-20\%$. Sizes range from $\frac{1}{4}$ " to $\frac{3}{8}$ " diam. Avg. shpg. wt., 2 oz.

Stock No.	CRL No.	Cap. MMF.	Stock No.	CRL No.	Cap. MMF.
CA-10	ID-3R3†	3.3	CA-48	ID-391	390
CA-11	ID-050	5	CA-49	ID-401	400
CA-12	ID-060	6	CA-50	ID-471	470
CA-13	ID-6R8	6.8	CA-51	ID-.00047†	470
CA-14	ID-7R5	7.5	CA-52	ID-501	500
CA-15	ID-080	8	CA-53	ID-511	510
CA-16	ID-100	10	CA-54	ID-561	560
CA-17	ID-120	12	CA-55	ID-601	600
CA-18	ID-150	15	CA-56	ID-681	680
CA-498	ID-180	18	CA-57	ID-751	750
CA-19	ID-200	20	CA-500	ID-.0008†	800
CA-20	ID-220	22	CA-58	ID-821	820
CA-21	ID-240	24	CA-59	ID-911	910
CA-22	ID-250	25	CA-60	ID-102	1000
CA-23	ID-270	27	CA-61	ID-.001†	1000
CA-24	ID-300	30	CA-62	ID-122	1200
CA-25	ID-330	33	CA-63	ID-.0012†	1200
CA-26	ID-390	39	CA-64	ID-132	1300
CA-27	ID-470	47	CA-65	ID-152	1500
CA-28	ID-500	50	CA-66	ID-.0015†	1500
CA-29	ID-510	51	CA-67	ID-162	1600
CA-30	ID-560	56	CA-68	ID-182	1800
CA-499	ID-680	68	CA-69	ID-.002†	2000
CA-31	ID-750	75	CA-70	ID-.0022†	2200
CA-32	ID-820	82	CA-71	ID-.0025†	2500
CA-33	ID-910	91	CA-72	ID-.0027†	2700
CA-34	ID-101	100	CA-73	ID-.003†	3000
CA-35	ID-121	120	CA-74	ID-.0033†	3300
CA-36	ID-131	130	CA-75	ID-.0039†	3900
CA-37	ID-151	150	CA-76	ID-.004†	4000
CA-38	ID-181	180	CA-77	ID-.0043†	4300
CA-39	ID-201	200	CA-78	ID-4722*	4700
CA-40	ID-221	220	CA-79	ID-.0047†	4700
CA-41	ID-241	240	CA-80	ID-.005†	5000
CA-42	ID-251	250	CA-81	ID-.0056†	5600
CA-43	ID-271	270	CA-82	ID-.0068†	6800
CA-44	ID-301	300	CA-83	ID-.0075†	7500
CA-45	ID-331	330	CA-84	ID-.0082†	8200
CA-46	ID-351	350	CA-85	ID-1032*	.01 MFD
CA-47	ID-361	360	CA-86	ID-.01†	.01 MFD

NET EACH ANY ABOVE IN LOTS OF

1-24	25-99	100-249
.15	.119	.10

NET EACH IN LOTS OF

Stock No.	CRL No.	Cap. MMF.	1-24	25-99	100-249
CA-87	ID-.015**	.015	.18	.143	.12
CA-88	ID-.02**	.02	.18	.143	.12
CA-89	ID-203†	.02	.36	.285	.24
CA-90	ID-.03**	.03	.36	.285	.24
CA-91	ID-.04**	.04	.36	.285	.24
CA-92	ID-.05**	.05	.36	.285	.24

FEED-THRU HI KAPS

TYPE FT



Rated 500 WVDC, 1000 VDC test. Brass cad. plated double-flatted mounting bushing with 12-28 thread and nut. Tinned copper leads, .050". Tolerance $\pm 20\%$ except * is $\pm 50-20\%$. Overall size with leads $1\frac{1}{2} \times \frac{3}{8}$ ". Shpg. wt., 2 oz.

Stock No.	CRL No.	Cap. MMF.	Price Schedule
CA-355	FT-500	500	
CA-356	FT-1000	1000	1-24 .75 ea.
CA-357	FT-1500*	1500	25-99 .584 ea.
CA-358	FT-1800*	1800	100-249 .50 ea.
CA-359	FT-2300*	2300	

TYPE MFT



Miniature version of the FT. $\frac{1}{4}$ " max. flange diameter eyelet to be inserted in .160" dia. hole and soldered directly to chassis. Tolerance $\pm 10\%$ except * is $\pm 20\%$ and † is G.M.V.

Stock No.	CRL No.	Cap. MMF.	Price Schedule
CA-351	MFT-50	50	
CA-352	MFT-100	100	1-24 .30 ea.
CA-353	MFT-500*	1000	25-99 .238 ea.
CA-354	MFT-1000†	500	100-249 .20 ea.



TYPE DD 1000 WVDC CERAMIC DISCS

Ideal for by-pass coupling in high frequency circuits. 1000 VDC working except DD-103, DD-153, DD-203, DD-303, DD-403, DD-503 which are 600 VDC working. Tolerance all $\pm 10\%$ except * $\pm 20\%$, † $\pm 5\%$ MMF, ‡ GMV, ** $\pm 80-20\%$. Sizes range from $\frac{1}{4}$ " to $\frac{3}{8}$ " diam. Avg. shpg. wt., 2 oz.

Stock No.	CRL No.	Cap. MMF.	Stock No.	CRL No.	Cap. MMF.
CA-93	DD-3R3†	3.3	CA-142	DD-401	400
CA-94	DD-050	5	CA-145	DD-471	470
CA-95	DD-060	6	CA-501	DD-471G†	470
CA-96	DD-6R8	6.8	CA-147	DD-501	500
CA-97	DD-7R5	7.5	CA-150	DD-511	510
CA-98	DD-080	8	CA-152	DD-561	560
CA-99	DD-100	10	CA-153	DD-601	600
CA-103	DD-120	12	CA-255	DD-681	680
CA-109	DD-150	15	CA-257	DD-751	750
CA-114	DD-180	18	CA-258	DD-801†	800
CA-117	DD-200	20	CA-260	DD-821	820
CA-121	DD-220	22	CA-262	DD-911	910
CA-124	DD-240	24	CA-101	DD-102	1000
CA-504	DD-250	25	CA-502	DD-102G†	1000
CA-130	DD-270	27	CA-105	DD-122	1200
CA-133	DD-300	30	CA-106	DD-122G†	1200
CA-136	DD-330	33	CA-108	DD-132	1300
CA-140	DD-390	39	CA-111	DD-152	1500
CA-144	DD-470	47	CA-503	DD-152G†	1500
CA-146	DD-500	50	CA-113	DD-162	1600
CA-149	DD-510	51	CA-116	DD-182	1800
CA-151	DD-560	56	CA-119	DD-202†	2000
CA-154	DD-680	68	CA-123	DD-222†	2200
CA-256	DD-750	75	CA-129	DD-252†	2500
CA-259	DD-820	82	CA-132	DD-272†	2700
CA-261	DD-910	91	CA-127	DD-302†	3000
CA-100	DD-101	100	CA-505	DD-332†	3300
CA-104	DD-121	120	CA-506	DD-392†	3900
CA-107	DD-131	130	CA-507	DD-402†	4000
CA-110	DD-151	150	CA-508	DD-432†	4300
CA-115	DD-181	180	CA-509	DD-472†	4700
CA-118	DD-201	200	CA-510	DD-472G†	4700
CA-122	DD-221	220	CA-511	DD-502†	5000
CA-125	DD-241	240	CA-247	DD-5022*	5000
CA-128	DD-251	250	CA-312	DD-562†	5600
CA-131	DD-271	270	CA-313	DD-682†	6800
CA-134	DD-301	300	CA-314	DD-752†	7500
CA-137	DD-331	330	CA-515	DD-822†	8200
CA-138	DD-351	350	CA-102	DD-103†	.01 MFD
CA-139	DD-361	360	CA-263	DD-1032*	.01 MFD
CA-141	DD-391	390			

NET EACH ANY ABOVE IN LOTS OF

1-24	25-99	100-249
.15	.119	.10

NET EACH IN LOTS OF

Stock No.	CRL No.	Cap. MMF.	1-24	25-99	100-249
CA-112	DD-153**	.015	.24	.19	.16
CA-120	DD-203**	.02	.24	.19	.16
CA-135	DD-303**	.03	.45	.356	.30
CA-143	DD-403**	.04	.45	.356	.30
CA-148	DD-503**	.05	.45	.356	.30

TYPE DD3 600 WVDC DUAL SECTION DISCS



Two individually shielded capacitors in one small case. All 600 WVDC. Tolerance GMV. Avg. shpg. wt., 2 oz.

Stock No.	CRL No.	Cap. MMF.	Price Schedule
CA-267	DD3-102	2X .001	
CA-269	DD3-152	2X .0015	1-24 .30 ea.
CA-270	DD3-202	2X .002	25-99 .238 ea.
CA-271	DD3-502	2X .005	100-249 .20 ea.
CA-268	DD3-103	2X .01	

CRL DD-16 1600 WVDC CERAMIC DISCS

All tolerance GMV except DD16-153 is $\pm 80-20\%$. Avg. shpg. wt., 2 oz.

Stock No.	CRL No.	Cap. MMF.	1-24	25-99	249
CA-236	DD16-302	.003	.27	.214	.18
CA-237	DD16-402	.004	.27	.214	.18
CA-238	DD16-502	.005	.27	.214	.18
CA-239	DD16-602	.006	.27	.214	.18
CA-240	DD16-702	.007	.27	.214	.18
CA-241	DD16-752	.0075	.27	.214	.18
CA-242	DD16-802	.008	.27	.214	.18
CA-234	DD16-103	.01	.27	.214	.18
CA-235	DD16-153	.015	.48	.38	.32



CRL DD-30 3000 WVDC DISC CERAMICS

Tolerance $\pm 20\%$, Avg. Shpg. wt., 2 ozs.

Stock No.	CRL No.	Cap. MMF.	Stock No.	CRL No.	Cap. MMF.
CA-243	DD30-4R7	4.7	CA-162	DD30-101	100
CA-244	DD30-6R8	6.8	CA-164	DD30-121	120
CA-245	DD30-8R2	8.2	CA-165	DD30-151	150
CA-246	DD30-100	10	CA-166	DD30-181	180
CA-248	DD30-120	12	CA-167	DD30-201	200
CA-249	DD30-150	15	CA-168	DD30-221	220
CA-250	DD30-220	22	CA-169	DD30-251	250
CA-251	DD30-250	25	CA-170	DD30-271	270
CA-252	DD30-270	27	CA-171	DD30-301	300
CA-253	DD30-300	30	CA-172	DD30-331	330
CA-254	DD30-330	33	CA-173	DD30-391	390
CA-155	DD30-390	39	CA-174	DD30-401	400
CA-156	DD30-470	47	CA-175	DD30-471	470
CA-157	DD30-500	50	CA-176	DD30-501	500
CA-158	DD30-560	56	CA-177	DD30-561	560
CA-159	DD30-680	68	CA-178	DD30-681	680
CA-160	DD30-750	75	CA-179	DD30-751	750
CA-161	DD30-820	82	CA-180	DD30-821	820

NET EACH ANY OF ABOVE IN LOTS

1-24	25-99	100-249
.24	.19	.18

Stock No.	CRL No.	Cap. MMF.	Stock No.	CRL No.	Cap. MMF.
CA-163	DD30-102	1000	CA-186	DD30-272	2700
CA-181	DD30-122	1200	CA-187	DD30-302	3000
CA-182	DD30-152	1500	CA-188	DD30-332	3300
CA-183	DD30-202	2000	CA-189	DD30-392	3900
CA-184	DD30-222	2200	CA-190	DD30-472	4700
CA-185	DD30-252	2500	CA-191	DD30-502	5000

NET EACH ANY OF ABOVE IN LOTS

1-24	25-99	100-249
.30	.238	.20



CRL DD60 6000 WVDC DISC CERAMICS

Tolerance $\pm 20\%$. Avg. shpg. wt., 2 oz.

Stock No.	CRL No.	Cap. MMF.	Stock No.	CRL No.	Cap. MMF.
CA-192	DD60-4R7	4.7	CA-220	DD60-101	100
CA-193	DD60-6R8	6.8	CA-221	DD60-121	120
CA-204	DD60-8R2	8.2	CA-222	DD60-151	150
CA-205	DD60-100	10	CA-223	DD60-181	180
CA-206	DD60-120	12	CA-224	DD60-201	200
CA-207	DD60-150	15	CA-225	DD60-221	220
CA-208	DD60-220	22	CA-226	DD60-251	250
CA-209	DD60-250	25	CA-227	DD60-271	270

CENTRALAB CERAMIC CAPACITORS

TYPE D6 TUBULAR BC HI KAPS

Small moisture-proof ceramic capacitors providing extensive operation under extremes of moisture, temperature and vibration. Compact and mechanically strong, make ideal replacements for mica and paper tubular units in bypass and coupling circuits. Radial leads 1 1/2" long. Rated 600 WVDC-1500V flash test. Tolerance ± 10%, except † = 20%; * = GMV. # Quality for MIL-C-11015A. Approx. 1/4" dia. length varies from 1/2 to 1 1/2". Avg. shpg. wt., 2 oz.

Stock No.	Mfrs. Type O6	Cap mfmf	Stock No.	Mfrs. Type D6	Cap mfmf
CA-272	030	3	CA-298	301	300
CA-273	050	5	CA-299	331#	330
CA-274	100	10	CA-300	391	390
CA-516	120	12	CA-301	401	400
CA-275	150	15	CA-302	471#	470
CA-276	180	18	CA-303	501	500
CA-277	200	20	CA-304	561	560
CA-278	220	22	CA-305	601	600
CA-279	250	25	CA-306	681	680
CA-280	270	27	CA-307	751†	750
CA-281	330	33	CA-308	821†	820
CA-282	390	39	CA-309	102†	1000
CA-283	400	40	CA-310	122†	1200
CA-284	470	47	CA-311	152†	1500
CA-285	500	50	CA-312	182†	1800
CA-286	560	56	CA-313	202†	2000
CA-287	680	68	CA-314	222†	2200
CA-288	750	75	CA-315	252*	2500
CA-289	820	82	CA-316	272*	2700
CA-290	910	91	CA-317	302*	3000
CA-291	101#	101	CA-318	332*	3300
CA-292	121	120	CA-319	402*	4000
CA-293	151	150	CA-320	472*	4700
CA-294	181	180	CA-321	502*	5000
CA-317	201	200	CA-322	562*	5600
CA-295	221#	220	CA-324	682*	6800
CA-296	251	250	CA-325	752*	7500
CA-297	271	270	CA-326	103*	.01

Net Each Any Above in Lots of
 1-24 25-99 100-249 250-499 500-999
 .15 .12 .10 .075 .056

LOW VOLTAGE CAPACITORS FOR TRANSISTOR APPLICATIONS

High capacity low voltage ceramic capacitors for transistor circuit applications. Durez resin insulation.

TYPE DA PLATE CAPACITORS

Size 1/2x1/2x1/8" thick. Tolerance -20% to +100% 30 WVDC. Shpg. wt., 2 oz.

Stock No.	Mfrs. Type OA	Cap mfd	1-24	25-99	100-249	250-499	500-999
CA-265	203	.02	.36	.28	.24	.18	.135
CA-266	503	.05	.81	.64	.54	.405	.304
CA-264	104	.10	1.35	1.07	.90	.675	.506

TYPE DDA DISC CAPACITORS

3/8" dia. x 1/8" thick; tolerance -30% to +80%, 75 WVDC. Shpg. wt., 2 oz.

Stock No.	Mfrs. Type OOA	Cap mfd	1-24	25-99	100-249	250-499	500-999
CA-335	503	.05	.30	.24	.20	.15	.09
CA-336	104	.10	.60	.47	.40	.30	.225

TYPE UK AND UK10 ULTRA-KAPS

Miniature ceramic disc capacitors for transistor circuitry. For low voltages use requiring high capacities and low power factors. Double "Durez" insulation. UK rated 3 WVDC, tolerance GMV; UK-10 rated 10WVDC; tol. +80%, -20%. Shpg. wt., 2 oz.

TYPE UK

Stock No.	Mfrs. Type	Cap mfd	1-24	25-99	100-249	250-499	500-999
CA-327	UK104	.1	.54	.43	.36	.27	.203
CA-328	UK224	.22	.33	.26	.22	.165	.124
CA-329	UK474	.47	.33	.26	.22	.165	.124
CA-330	UK105	1.0	.54	.43	.36	.27	.203
CA-331	UK225	2.0	.54	.43	.36	.27	.203

TYPE UK10

CA-332	UK10-503	.05	.33	.26	.22	.165	.124
CA-333	UK10-104	1	.33	.26	.22	.165	.124
CA-334	UK10-204	2	.33	.26	.22	.165	.124
CA-323	UK10-474	.47	.54	.428	.36	.24	.203

CRL TEMPERATURE COMPENSATING TUBULAR CAPACITORS

Designed especially to limit frequency drift in r.f. circuits where temperature variations are prevalent. These capacitors are constructed with a ceramic body which changes capacity as the temperature varies.

1,200 volts DC test; 600 volts DC working. All are made to comply with the JAN-C-20A specifications. Extremely compact. Sizes: (A) .400" x .200" (B) .690" x .200" (C) .860" x .225" (D) 1.165" x .285" (E) 1.625" x .285". Shpg. wt., 2 oz.

TYPE TCZ NEGATIVE-POSITIVE-ZERO NPO TUBULAR CAPACITORS

Zero temperature coefficient from -20°C to +85°C. Tolerances: 5-3.3 mfmf, ± .25 mfmf; 4.7-10 mfmf, ± .5 mfmf; 12-100 mfmf, ± 2%; 110-300 mfmf, ± 5%.

TYPE TCN NEGATIVE (N750)

Negative coefficient of 750 parts/million/°C temperature rise. Tolerance: 3.3 - 10mfmf are ± .5mfmf; 12-100mfmf, ± 2%; 110-750mfmf ± 5%.

Stock No.	Type TCZ	Cap mfmf	Size	1-24	25-99	100-249	250-499	500-999
CA-409	R5	.5	A	.30	.24	.20	.15	.11
CA-410	R68	.68	A	.30	.24	.20	.15	.11
CA-411	1	1.0	A	.30	.24	.20	.15	.11
CA-412	1R5	1.5	A	.30	.24	.20	.15	.11
CA-413	2R2	2.2	A	.30	.24	.20	.15	.11
CA-414	3R3	3.3	A	.30	.24	.20	.15	.11
CA-415	4R7	4.7	A	.30	.24	.20	.15	.11
CA-416	6R8	6.8	A	.30	.24	.20	.15	.11
CA-417	10	10	A	.30	.24	.20	.15	.11
CA-418	12	12	A	.30	.24	.20	.15	.11
CA-419	15	15	A	.30	.24	.20	.15	.11
CA-420	18	18	A	.30	.24	.20	.15	.11
CA-421	20	20	A	.30	.24	.20	.15	.11
CA-422	22	22	A	.30	.24	.20	.15	.11
CA-423	24	24	A	.30	.24	.20	.15	.11
CA-424	25	25	A	.30	.24	.20	.15	.11
CA-425	27	27	A	.30	.24	.20	.15	.11
CA-426	30	30	A	.30	.24	.20	.15	.11
CA-427	33	33	A	.30	.24	.20	.15	.11
CA-428	36	36	A	.30	.24	.20	.15	.11
CA-429	39	39	A	.30	.24	.20	.15	.11
CA-430	43	43	B	.30	.24	.20	.15	.11
CA-431	47	47	B	.30	.24	.20	.15	.11
CA-432	50	50	B	.30	.24	.20	.15	.11
CA-433	51	51	B	.30	.24	.20	.15	.11
CA-434	56	56	B	.30	.24	.20	.15	.11
CA-435	62	62	B	.30	.24	.20	.15	.11
CA-436	68	68	B	.30	.24	.20	.15	.11
CA-437	75	75	B	.30	.24	.20	.15	.11
CA-438	82	82	B	.30	.24	.20	.15	.11
CA-439	91	91	C	.30	.24	.20	.15	.11
CA-440	100	100	C	.30	.24	.20	.15	.11
CA-441	110	110	D	.45	.36	.30	.20	.17
CA-442	120	120	D	.45	.36	.30	.20	.17
CA-443	130	130	D	.45	.36	.30	.20	.17
CA-444	150	150	D	.45	.36	.30	.20	.17
CA-445	160	160	D	.45	.36	.30	.20	.17
CA-446	180	180	D	.45	.36	.30	.20	.17
CA-447	200	200	D	.45	.36	.30	.20	.17
CA-448	220	220	D	.45	.36	.30	.20	.17
CA-449	240	240	E	.60	.45	.40	.30	.22
CA-518	270	270	E	.60	.45	.40	.30	.22
CA-450	300	300	E	.60	.45	.40	.30	.22

Stock No.	Type TCN	Cap mfmf	Size	1-24	25-99	100-249	250-499	500-999
CA-451	3R3	3.3	A	.30	.24	.20	.15	.11
CA-452	5	5	A	.30	.24	.20	.15	.11
CA-453	10	10	A	.30	.24	.20	.15	.11
CA-454	12	12	A	.30	.24	.20	.15	.11
CA-455	15	15	A	.30	.24	.20	.15	.11
CA-456	18	18	A	.30	.24	.20	.15	.11
CA-457	20	20	A	.30	.24	.20	.15	.11
CA-458	22	22	A	.30	.24	.20	.15	.11
CA-459	24	24	A	.30	.24	.20	.15	.11
CA-460	25	25	A	.30	.24	.20	.15	.11
CA-461	27	27	A	.30	.24	.20	.15	.11
CA-462	30	30	A	.30	.24	.20	.15	.11
CA-463	33	33	A	.30	.24	.20	.15	.11
CA-464	36	36	A	.30	.24	.20	.15	.11
CA-465	39	39	A	.30	.24	.20	.15	.11
CA-466	43	43	A	.30	.24	.20	.15	.11
CA-467	47	47	A	.30	.24	.20	.15	.11
CA-468	50	50	A	.30	.24	.20	.15	.11
CA-469	51	51	A	.30	.24	.20	.15	.11
CA-470	56	56	A	.30	.24	.20	.15	.11
CA-471	62	62	A	.30	.24	.20	.15	.11
CA-472	68	68	A	.30	.24	.20	.15	.11
CA-473	75	75	A	.30	.24	.20	.15	.11
CA-474	82	82	A	.30	.24	.20	.15	.11
CA-475	91	91	A	.30	.24	.20	.15	.11
CA-476	100	100	A	.30	.24	.20	.15	.11
CA-477	110	110	B	.30	.24	.20	.15	.11
CA-478	120	120	B	.30	.24	.20	.15	.11
CA-479	130	130	B	.30	.24	.20	.15	.11
CA-480	150	150	B	.30	.24	.20	.15	.11
CA-481	160	160	B	.30	.24	.20	.15	.11
CA-482	180	180	B	.30	.24	.20	.15	.11
CA-483	200	200	B	.30	.24	.20	.15	.11
CA-484	220	220	C	.30	.24	.20	.15	.11
CA-485	240	240	C	.30	.24	.20	.15	.11
CA-486	270	270	C	.30	.24	.20	.15	.11
CA-487	300	300	D	.45	.35	.29	.22	.17
CA-488	330	330	D	.45	.35	.29	.22	.17
CA-489	360	360	D	.45	.35	.29	.22	.17
CA-490	390	390	D	.45	.35	.29	.22	.17
CA-491	430	430	D	.45	.35	.29	.22	.17
CA-492	470	470	D	.45	.35	.29	.22	.17
CA-493	510	510	D	.45	.35	.29	.22	.17
CA-494	560	560	D	.60	.47	.40	.30	.22
CA-495	620	620	E	.60	.47	.40	.30	.22
CA-496	680	680	E	.60	.47	.40	.30	.22
CA-497	750	750	E	.60	.47	.40	.30	.22

TYPE DM MIN KAPS

1/2x1/2x1/8" thick; Triple Durez insulated. 150 WVDC; Tolerance: * is +50%, -20%; all other are +80 -20%. Shpg. wt., 2 oz.

Stock No.	Mfrs. Type	Cap mfmf	1-24	25-99	100-249	250-499	500-999
CA-337	DM101*	.0001	.30	.24	.20	.15	.113
CA-338	DM201*	.0002	.30	.24	.20	.15	.113
CA-339	DM301*	.0003	.30	.24	.20	.15	.113
CA-340	DM501*	.0005	.30	.24	.20	.15	.113
CA-341	DM102*	.001	.30	.24	.20	.15	.113
CA-342	DM202*	.002	.30	.24	.20	.15	.113
CA-343	DM302*	.003	.30	.24	.20	.15	.113
CA-344	DM502*	.005	.30	.24	.20	.15	.113
CA-345	DM103	.01	.60	.48	.40	.30	.225
CA-346	DM2-502	2X.005	.75	.594	.50	.375	.281

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ARCO-ELMenco DIPPED MYLAR PAPER CAPACITORS

MYLAR PAPER SILVERED MICA CAPACITORS

ELMenco TYPE MPD DIPPED MYLAR PAPER CAPACITORS

Type MPD capacitors are dip-coated tubular mylar-paper dielectric capacitors. Type MPD capacitors are non-inductively wound and vacuum dipped to obtain solid impregnation and a rugged, moisture-proof coat. Type MPD gives high reliability in operation at 110° C without derating. All 10% tolerance. C = case size;



SIZE:	Q-1 1/4 x 3/4 x 1
A-1 1/4 x 3/4 x 1/2	
B-2 1/4 x 3/4 x 1/2	
C-2 1/4 x 1 1/4 x 1/2	
O-2 1/4 x 3/4 x 5/8	
E-7/8 x 1 1/2 x 1 1/2	
F-7/8 x 3/8 x 5/8	
G-7/8 x 3/8 x 5/8	
H-7/8 x 3/8 x 5/8	
I-1 1/4 x 3/4 x 1 1/4	
J-1 1/2 x 1 1/2 x 2 1/2	
K-1 1/2 x 1 1/2 x 3/4	
L-1 3/8 x 3/8 x 1 1/4	
M-1 3/8 x 3/8 x 2 1/2	
N-1 1/4 x 1 1/4 x 1 1/4	
P-1 1/2 x 1 1/2 x 2 1/2	
Q-1 1/4 x 3/4 x 1 1/2	
R-1 1/2 x 3/4 x 7/8	
S-1 1/2 x 3/4 x 7/8	
T-1 1/4 x 3/4 x 7/8	
U-1 1/4 x 3/4 x 1	
V-2 1/4 x 3/4 x 1	
W-7/8 x 3/4 x 2 1/2	
X-7/8 x 3/4 x 2 1/2	
Y-1 1/4 x 3/4 x 2 1/2	
Z-1 1/4 x 3/4 x 1 1/4	
AA-1 1/4 x 1 1/2 x 2 1/2	
BB-1 1/4 x 1 1/2 x 2 1/2	
CC-1 1/4 x 1 1/2 x 2 1/2	

DD-1 1/4 x 5/8 x 7/8
EE-1 1/4 x 3/4 x 1 1/4
FF-2 3/8 x 1 1/4 x 1 1/4
GG-1 1/4 x 1 1/2 x 1 1/2
HH-1 1/4 x 1 1/2 x 1 1/2
II-2 1/2 x 3/8 x 1 1/2
JJ-2 1/2 x 3/8 x 1 1/2
KK-7/8 x 1 1/2 x 2 1/2
LL-7/8 x 3/8 x 1 1/2
MM-7/8 x 1/2 x 1 1/4
NN-1 1/4 x 1 1/2 x 3/4
OO-1 1/2 x 1 1/2 x 1 1/4
PP-1 1/2 x 3/4 x 2 1/2
QQ-1 1/2 x 3/4 x 7/8
RR-1 1/4 x 2 1/2 x 1 1/4
SS-1 1/4 x 2 1/2 x 1 1/4
TT-2 3/8 x 3/4 x 1
UU-2 3/8 x 7/8 x 1 1/8
VV-7/8 x 1/2 x 2 1/2
WW-7/8 x 1 1/2 x 3/4
XX-1 1/4 x 1 1/2 x 3/4

100 VDCV		Net Each	
Stock No.	Mfd.	IDP- No.	25-100- 1-24 99 499
CG-350	.005	1-502	A .18 .162 .108
CG-351	.006	1-602	A .18 .162 .108
CG-352	.0068	1-682	A .18 .162 .108
CG-353	.0075	1-752	A .18 .162 .108
CG-354	.01	1-103	A .18 .162 .108
CG-355	.015	1-153	B .18 .162 .108
CG-356	.02	1-203	C .18 .162 .108
CG-357	.022	1-223	C .18 .162 .108
CG-358	.025	1-253	C .18 .162 .108

400 VDCV		Net Each	
Stock No.	Mfd.	4 DP- No.	25-100- 1-24 99 499
CG-385	.01	1-103	D .15 .135 .09
CG-386	.015	1-153	V .15 .135 .09
CG-387	.02	2-203	G .15 .135 .09
CG-388	.022	2-223	G .18 .162 .108
CG-389	.025	2-253	W .18 .162 .108
CG-390	.03	3-303	X .18 .162 .108
CG-391	.033	3-333	X .18 .162 .108
CG-392	.04	3-403	Y .18 .162 .108
CG-393	.047	3-473	Y .21 .189 .126
CG-394	.05	3-503	Y .21 .189 .126
CG-395	.056	3-563	Z .21 .189 .126
CG-396	.068	3-683	AA .24 .216 .144
CG-397	.075	3-753	BB .24 .216 .144
CG-398	.1	3-104	CC .24 .216 .144

CG-359	.03	1-303	D .18 .162 .108
CG-360	.033	1-333	D .18 .162 .108
CG-361	.04	1-403	D .18 .162 .108
CG-362	.047	2-473	E .21 .189 .126
CG-363	.05	2-503	E .21 .189 .126
CG-364	.056	2-563	F .21 .189 .126
CG-365	.068	2-683	G .21 .189 .126
CG-366	.075	2-753	G .21 .189 .126
CG-367	.1	2-104	H .21 .189 .126

CG-399	.15	4-154	R .27 .243 .162
CG-400	.2	5-204	DD .33 .297 .198
CG-401	.22	5-224	T .33 .297 .198
CG-402	.25	5-254	N .36 .324 .216
CG-403	.27	5-274	N .36 .324 .216
CG-404	.33	5-334	EE .54 .486 .324
CG-405	.47	6-474	FF .78 .702 .468
CG-406	.5	6-504	FF .78 .702 .468

CG-368	.15	3-154	I .24 .216 .144
CG-369	.2	3-204	J .27 .243 .162
CG-370	.22	3-224	J .27 .243 .162
CG-371	.25	3-254	K .30 .27 .18
CG-372	.33	4-334	L .36 .324 .216
CG-373	.47	4-474	M .45 .405 .27
CG-374	.5	4-504	M .45 .405 .27
CG-375	.68	4-684	N .66 .594 .396
CG-376	1.0	5-105	O .98 .864 .576

600 VDCV		Net Each	
Stock No.	Mfd.	6 DP- No.	25-100- 1-24 99 499
CG-407	.001	1-102	GG .15 .135 .09
CG-408	.0012	1-122	GG .15 .135 .09
CG-409	.0015	1-152	GG .15 .135 .09
CG-410	.002	1-202	GG .15 .135 .09
CG-411	.0022	1-222	GG .15 .135 .09
CG-412	.0025	1-252	GG .15 .135 .09
CG-413	.0027	1-272	GG .15 .135 .09
CG-414	.003	1-302	GG .15 .135 .09
CG-415	.0033	1-332	GG .15 .135 .09

200 VDCV		Net Each	
Stock No.	Mfd.	2 OP- No.	100- 1-24 25-99 499
CG-377	.1	3-104	.21 .189 .126
CG-378	.15	3-154	.24 .216 .144
CG-379	.2	4-204	.27 .243 .162
CG-380	.22	4-224	.27 .243 .162
CG-381	.25	4-254	.30 .27 .18
CG-382	.33	5-334	.36 .324 .216
CG-383	.47	5-474	.45 .405 .27
CG-384	.50	5-504	.45 .405 .27

CG-416	.0039	1-392	HH .15 .135 .09
CG-417	.004	1-402	HH .15 .135 .09
CG-418	.0047	1-472	II .15 .135 .09
CG-419	.005	1-502	II .15 .135 .09
CG-420	.0056	1-562	II .15 .135 .09
CG-421	.006	1-602	D .15 .135 .09
CG-422	.0068	1-682	JJ .18 .162 .108
CG-423	.0075	2-752	KK .18 .162 .108
CG-424	.008	2-802	KK .18 .162 .108

1600 VDCV		Net Each	
Stock No.	Mfd.	16 DP- No.	25-100- 1-24 99 499
CG-452	.001	2-102	KK .24 .216 .144
CG-453	.0015	2-152	KK .24 .216 .144
CG-454	.0018	2-182	LL .24 .216 .144
CG-455	.002	2-202	LL .24 .216 .144
CG-456	.0022	2-222	LL .24 .216 .144
CG-457	.0025	2-252	G .27 .243 .162
CG-458	.003	2-302	W .27 .243 .162
CG-459	.0033	2-332	W .27 .243 .162

CG-425	.0082	2-822	KK .18 .162 .108
CG-426	.01	2-103	LL .18 .162 .108
CG-427	.012	2-123	LL .18 .162 .108
CG-428	.015	2-153	G .18 .162 .108
CG-429	.02	2-203	W .18 .162 .108
CG-430	.022	2-223	X .18 .162 .108
CG-431	.025	2-253	MM .21 .189 .126
CG-432	.027	3-273	Y .21 .189 .126
CG-433	.03	3-303	Y .21 .189 .126

CG-460	.004	2-402	X .27 .243 .162
CG-461	.0047	2-472	VV .27 .243 .162
CG-462	.005	2-502	WW .27 .243 .162
CG-463	.006	3-602	Y .30 .27 .18
CG-464	.007	3-702	Z .30 .27 .18
CG-465	.0075	3-752	AA .30 .27 .18
CG-466	.008	3-802	XX .30 .27 .18
CG-467	.01	3-103	XX .30 .27 .18

CG-434	.033	3-333	Y .21 .189 .126
CG-435	.039	3-393	Z .21 .189 .126
CG-436	.04	3-403	Z .21 .189 .126
CG-437	.047	3-473	AA .24 .216 .144
CG-438	.05	3-503	AA .24 .216 .144
CG-439	.056	3-563	NN .24 .216 .144
CG-440	.06	3-603	NN .27 .243 .162
CG-441	.068	4-683	OO .27 .243 .162
CG-442	.075	4-753	OO .27 .243 .162

CG-468	.015	4-153	PP .33 .297 .198
CG-469	.02	4-203	S .36 .324 .216
CG-470	.022	5-223	DD .42 .378 .252
CG-471	.025	5-253	T .42 .378 .252
CG-472	.03	5-303	N .42 .378 .252
CG-473	.033	5-333	RR .42 .378 .252
CG-474	.04	5-403	O .45 .405 .27
CG-475	.047	5-473	SS .48 .432 .288
CG-476	.05	5-503	SS .48 .432 .288

CG-443	.082	4-823	PP .27 .243 .162
CG-444	.1	4-104	QQ .27 .243 .162
CG-445	.15	5-154	T .36 .324 .216
CG-446	.2	5-204	RR .42 .378 .252
CG-447	.22	5-224	U .42 .378 .252
CG-448	.25	5-254	SS .45 .405 .27
CG-449	.33	6-334	TU .63 .587 .378
CG-450	.47	6-474	UU .90 .81 .54
CG-451	.5	6-504	UU .90 .81 .54

ELMenco TYPE OM-10 DIPPED SILVERED MICA CAPACITORS

Type OM-10 is a new sub-miniature dipped silvered mica capacitor that sets a new standard in miniature reliability. Retains the same superior electrical characteristics of silvered mica capacitors as found in much larger sizes. Assures a high order of performance in extreme miniaturization applications—missiles, printed circuits and all compact electronic equipment. Meets all the electrical requirements of military spec. #MIL-C-5B and EIA specification RS-153. All are 5% tolerance except * = min tolerance ± 0.5 mmf. ** = ± 10%.

TYPE OM-10 — 500 VDCV. 5% Tolerance.

NET EACH		NET EACH	
Stock No.	Cap. MMF	OM10- Type	50-100- 1-49 99 499
3CG-477	1	010*	.18 .162 .108
3CG-478	2	020*	.18 .162 .108
3CG-479	3	030*	.18 .162 .108
3CG-480	5	050**	.18 .162 .108
3CG-481	10	100	.20 .18 .119
3CG-482	12	120	.23 .207 .14
3CG-483	15	150	.23 .207 .14
3CG-484	18	180	.23 .207 .14
3CG-485	20	200	.23 .207 .14
3CG-486	22	220	.23 .207 .14
3CG-487	24	240	.23 .207 .14
3CG-488	27	270	.23 .207 .14
3CG-489	30	300	.23 .207 .14
3CG-490	33	330	.23 .207 .14
3CG-491	36	360	.23 .207 .14
3CG-492	39	390	.23 .207 .14
3CG-493	43	430	.23 .207 .14
3CG-494	47	470	.26 .234 .158
3CG-495	50	500	.26 .234 .158
3CG-496	51	510	.26 .234 .158
3CG-497	56	560	.26 .234 .158

CENTRALAB CERAMIC—DIELECTRIC TRIMMER CAPACITORS



TYPE 820		TYPE 823 TRIMMER	
Stock No.	Part Capacity MMF	Stock No.	Part Capacity MMF
CA-360	820-A 2-5.6	CA-378	823-AN 20-125
CA-361	820-B 5-20	CA-379	823-AZ 12-62
CA-362	820-C 7-35	CA-380	823-BN 10-100
CA-363	820-D 1-3.5	CA-381	823-BZ 10-50
CA-364	820-E 35-55	CA-382	823-DN 8-50
CA-365	820-F 55-75	CA-383	823-DZ 6-25
CA-366	820-G 70-80	CA-384	823-EN 8-25

TYPE 827 TRIMMER		TYPE 825 TRIMMER	
Stock No.	Part Capacity MMF	Stock No.	Part Capacity MMF
CA-367	827-AN 8-50	CA-387	827-A 2.5-7
CA-368	827-AZ 4.5-25	CA-388	827-B 3.5-12
CA-369	827-BN 7-45	CA-389	827-C 6-30
CA-370	827-CN 4.5-25	CA-390	827-D 7-35
CA-371	827-CN 2-7.5		
CA-372	827-DZ 2-6		
CA-373	827-DZ 1.5-3		
CA-374	827-EZ 1.5-3		
CA-375	827-FZ 1.5-7		
CA-376	827-FZ 3-12		

TYPE 829 TUBULAR TRIMMER		ATTACHABLE TERMINAL HI-VO-KAP KIT	
Stock No.	Part Capacity MMF	Kit	Net Price
CA-391	829-3 5-3	Kit	1.35
CA-392	829-4 1-4		
CA-393	829-6 1-6		
CA-394	829-7 1-7.5		
CA-395	829-10 1.5-10		

Kit contains 1 TV-20 Hi-Vo-Kap and a complete set of attachable terminals for TV replacement. Ideal for service calls. 500 uuf capacitor rated at 20 KV DCWV, withstands twice rated voltage. Set of terminals includes 1 each slotted-rod, short male and long male and 2 each female tap and male thread. No stripping or loose terminals. Shpg. wt., 6 oz.

AEROVOX INDUSTRIAL AND MIL CAPACITORS

P123NG METALLIZED PAPER TUBULARS



Metallized paper tubulars hermetically sealed in metal tubes with glass end seals soldered for positive moisture seal. They are Aerovox impregnated and will operate from -55°C to +100°C at full voltage rating, and up to 125°C with voltage derating to 75%. Case is grounded. Standard tolerance up to .01 mfd ± 25%, .015 and up is ± 20%. Shpg. wt., 2 oz.

STOCK NO.	MFO.	SIZE	NET EACH			
			1-24	25-49	50-99	100-999
200 WVDC						
3CG-282	.001	1/4x1 1/2"	.99	.45	.39	
3CG-283	.002	1/4x1 1/2"	.99	.45	.39	
3CG-284	.003	1/4x1 1/2"	.99	.45	.39	
3CG-285	.005	1/4x1 1/2"	.99	.45	.39	
3CG-286	.01	1/4x1 1/2"	.99	.45	.39	
3CG-287	.02	1/4x1 1/2"	.99	.45	.39	
3CG-288	.033	1/4x1 1/2"	1.01	.46	.40	
3CG-289	.04	1/4x1 1/2"	1.05	.48	.41	
3CG-290	.047	1/4x1 1/2"	1.05	.48	.41	
3CG-291	.05	1/4x1 1/2"	1.05	.48	.41	
3CG-292	.068	1/4x1 1/2"	1.08	.50	.42	
3CG-293	.1	1/4x1 1/2"	1.11	.51	.43	
3CG-294	.22	1/4x1 1/2"	1.13	.52	.44	
3CG-295	.25	1/4x1 1/2"	1.24	.57	.49	
3CG-296	.47	1/4x1 1/2"	1.33	.61	.53	
3CG-297	.68	1/2x1 1/2"	1.40	.65	.56	
3CG-298	1.0	1/2x1 1/2"	1.54	.71	.61	
3CG-299	2.0	1/2x1 1/2"	2.33	1.07	.91	
400 WVDC						
3CG-300	.001	1/4x1 1/2"	.99	.45	.39	
3CG-301	.002	1/4x1 1/2"	.99	.45	.39	
3CG-302	.003	1/4x1 1/2"	1.02	.47	.40	
3CG-303	.005	1/4x1 1/2"	1.05	.48	.41	
3CG-304	.01	1/4x1 1/2"	1.05	.48	.41	
3CG-305	.02	1/4x1 1/2"	1.05	.48	.41	

STOCK NO.	MFO.	SIZE	NET EACH		
			1-24	25-49	100-999
400 WVDC					
3CG-306	.033	1/4x1 1/2"	1.06	.49	.42
3CG-307	.04	1/4x1 1/2"	1.06	.49	.42
3CG-308	.047	1/4x1 1/2"	1.06	.49	.42
3CG-309	.05	1/4x1 1/2"	1.06	.49	.42
3CG-310	.068	1/4x1 1/2"	1.16	.53	.45
3CG-311	.1	1/4x1 1/2"	1.18	.54	.46
3CG-312	.22	1/2x1 1/2"	1.26	.58	.49
3CG-313	.25	1/2x1 1/2"	1.43	.66	.57
3CG-314	.47	1/2x1 1/2"	1.56	.72	.61
3CG-315	.68	1/2x1 1/2"	1.78	.82	.70
3CG-316	1.0	1/2x1 1/2"	1.92	.88	.76
3CG-317	2.0	1x1 1/2"	3.10	1.42	1.22
600 WVDC					
3CG-318	.001	1/4x1 1/2"	1.03	.47	.40
3CG-319	.002	1/4x1 1/2"	1.03	.47	.40
3CG-320	.003	1/4x1 1/2"	1.06	.49	.42
3CG-321	.005	1/4x1 1/2"	1.08	.49	.42
3CG-322	.01	1/4x1 1/2"	1.08	.49	.42
3CG-323	.02	1/4x1 1/2"	1.09	.50	.43
3CG-324	.033	1/4x1 1/2"	1.11	.51	.43
3CG-325	.047	1/4x1 1/2"	1.13	.52	.44
3CG-326	.05	1/4x1 1/2"	1.13	.52	.44
3CG-327	.068	1/2x1 1/2"	1.20	.55	.47
3CG-328	.1	1/2x1 1/2"	1.23	.57	.48
3CG-329	.15	1/2x1 1/2"	1.37	.63	.54
3CG-330	.22	1/2x1 1/2"	1.50	.69	.59
3CG-331	.25	1/2x1 1/2"	1.53	.70	.60
3CG-332	.47	1/2x1 1/2"	1.82	.84	.71
3CG-333	.68	1/2x1 1/2"	1.96	.90	.77
3CG-334	1.0	1/2x2 1/2"	2.10	.96	.83
3CG-335	2.0	1x2 1/2"	3.13	1.43	1.23

TYPE P83Z MICROMINIATURE METALLIZED PAPER TUBULARS

Ultra-small metallized paper dielectric capacitor particularly suited to replace low capacity paper units. Hyvol K impregnated in humidity resistant molded thermoplastic cases. Shpg. wt., 1 oz. Dim.—Dimensions: A=1/8x1/8"; B=1/8x1/8".

Stock No.	MFO.	DIM.	NET EACH			
			1-24	25-49	50-99	100-Up
200 WVDC						
3CG-240	.004	A	.20	.12	.10	.08
3CG-241	.005	A	.20	.12	.10	.08
3CG-242	.01	A	.20	.12	.10	.08
3CG-243	.02	B	.26	.16	.12	.11
3CG-244	.04	B	.26	.16	.12	.11
400 WVDC						
3CG-245	.002	A	.20	.12	.10	.08
3CG-246	.003	A	.26	.16	.12	.11
3CG-247	.008	B	.26	.16	.12	.11
3CG-248	.01	B	.26	.16	.12	.11
600 WVDC						
3CG-249	.0005	A	.20	.12	.10	.08
3CG-250	.0008	A	.20	.12	.10	.08
3CG-251	.001	A	.20	.12	.10	.08
3CG-252	.002	B	.26	.16	.12	.11
3CG-253	.0022	B	.26	.16	.12	.11
3CG-254	.0047	B	.26	.16	.12	.11
3CG-255	.005	B	.26	.16	.12	.11

CERAFIL CERAMIC ULTRAMINIATURE CAPACITORS

Series 80V-AM. Meet MIL-C-11015B specs. Smallest ceramics for airborne transistorized circuits. Opped axial leads. Operating temp.—55°C to +85°C at full 100 W.V.D.C.; derated to 50 W.V. at 125°C. Tolerance ± 20% 1/2" axial leads. Shpg. wt., 2 oz.

STOCK NO.	CAP. MFO.	SIZE Ø	IN. L	NET EACH			
				1-24	25-49	50-99	100-499
3CG-336	.00001	.090	.320	.51	.43	.34	.26
3CG-337	.000022	.090	.320	.51	.43	.34	.26
3CG-338	.000033	.090	.320	.51	.43	.34	.26
3CG-339	.000047	.090	.320	.51	.43	.34	.26
3CG-340	.0001	.090	.320	.51	.43	.34	.26
3CG-341	.00022	.090	.320	.51	.43	.34	.26
3CG-342	.00033	.090	.320	.51	.43	.34	.26
3CG-343	.00047	.090	.320	.51	.43	.34	.26
3CG-344	.001	.090	.320	.45	.38	.31	.23
3CG-345	.005	1.20	5.00	7.4	6.2	5.0	3.8
3CG-346	.01	1.80	5.00	9.8	8.8	7.1	5.3
3CG-347	.02	2.00	5.00	1.79	1.50	1.21	.91
3CG-348	.05	2.40	6.50	2.98	2.48	2.03	1.52
3CG-349	.1	3.10	7.50	5.36	4.47	3.64	2.74

AEROVOX CP70 CAPACITORS

Oil impregnated and filled, large, rectangular, metal-cased capacitor for heavy-duty, continuous-service applications. Immersion proof, hermetically sealed. Available with either high-voltage screw-type porcelain-pillar terminals with soldering lugs (Type E) or the riveted terminal (Type B). Standard tolerance ±10% for all units.

TYPE B RIVET TERMINAL

STOCK NO.	AEROVOX CP70	CAP UFD	NET EACH			
			1-9	10-24	25-49	50-99
600 WVDC						
3CG-175	BIEF105K	1.0	3.06	1.22	1.05	1.02
3CG-176	BIEF205K	2.0	3.96	1.40	1.36	1.32
3CG-177	BIEF405K	4.0	5.52	2.19	1.94	1.89
3CG-178	BIEF605K	6.0	6.54	2.60	2.32	2.26
3CG-179	BIEF805K	8.0	7.89	3.23	2.90	2.83
3CG-180	BIEF106K	10.0	8.78	3.48	3.21	3.15
1000 WVDC						
3CG-181	BIEG105K	1.0	3.68	1.46	1.33	1.30
3CG-182	BIEG205K	2.0	4.73	1.88	1.71	1.67
3CG-183	BIEG805K	8.0	8.93	3.81	3.48	3.41
3CG-184	BIEG106K	10.0	10.82	4.41	4.06	3.99
3CG-185	BIEG126K	12.0	11.75	4.98	4.64	4.57

TYPE E PORCELAIN TERMINAL

STOCK NO.	AEROVOX CP70	CAP UFD	NET EACH		
			1-9	10-24	25-49 50-99
600 WVDC					
3CG-186	EIEF504K	.5	2.92	1.23	1.07 1.04
1000 WVDC					
3CG-187	EIEG104K	.1	2.70	1.37	1.24 1.22
3CG-188	EIEG105K	1.0	4.14	1.59	1.45 1.43
3CG-189	EIEG205K	2.0	5.41	2.01	1.84 1.80
3CG-190	EIEG405K	4.0	6.84	2.72	2.56 2.39
3CG-191	EIEG605K	6.0	8.46	3.37	3.04 2.97
3CG-192	EIEG805K	8.0	9.05	3.94	3.61 3.54
3CG-193	EIEG156K	15.0	13.15	5.99	5.61 5.53
2000 WVDC					
3CG-194	EIEJ254K	.25	4.47	2.19	1.95 1.90
3CG-195	EIEJ105K	1.0	5.67	2.76	2.50 2.44
3CG-196	EIEJ205K	2.0	6.71	3.46	3.14 3.07
3CG-197	EIEJ405K	4.0	8.45	4.94	4.64 4.57

P8292ZN PLASTIC-CASED METALLIZED PAPER TUBULARS



Plastic case construction. Operates from -30°C to +100°C at full rated voltage. Completely free of wax coating to facilitate use of automatic insertion and assembly equipment. Tolerance ± 20%.

STOCK NO.	MFO.	SIZE	NET EACH			
			1-24	25-49	50-99	100-499
200 WVDC						
3CG-800	.01	1/4x1 1/2"	.43	.26	.20	.18
3CG-801	.02	1/4x1 1/2"	.43	.26	.20	.18
3CG-802	.03	1/4x1 1/2"	.44	.26	.20	.18
3CG-803	.05	1/4x1 1/2"	.44	.26	.20	.18
3CG-804	.1	1/4x1 1/2"	.46	.28	.21	.19
3CG-805	.25	1/2x1 1/2"	.67	.39	.30	.27
3CG-806	.5	1/2x1 1/2"	.78	.47	.36	.32
3CG-807	1.0	1/2x1 1/2"	1.05	.62	.48	.43
3CG-808	2.0	1/2x1 1/2"	1.43	.85	.66	.58

STOCK NO.	MFO.	SIZE	NET EACH			
			1-24	25-49	50-99 100-499	
400 WVDC						
3CG-848	.01	1/4x1 1/2"	.43	.26	.20	.18
3CG-809	.02	1/4x1 1/2"	.44	.26	.20	.18
3CG-810	.03	1/4x1 1/2"	.44	.26	.20	.18
3CG-811	.05	1/4x1 1/2"	.46	.28	.21	.19
3CG-812	.1	1/4x1 1/2"	.50	.30	.23	.20
3CG-813	.25	1/2x1 1/2"	.73	.43	.33	.30
3CG-814	.5	1/2x1 1/2"	.93	.55	.43	.38
3CG-815	1.0	1/2x1 1/2"	1.29	.77	.60	.53
3CG-816	2.0	1/2x2 1/2"	1.82	1.09	.84	.75
600 WVDC						
3CG-817	.01	1/4x1 1/2"	.44	.26	.20	.18
3CG-818	.02	1/4x1 1/2"	.46	.28	.21	.19
3CG-819	.03	1/4x1 1/2"	.49	.29	.22	.20
3CG-820	.05	1/4x1 1/2"	.52	.31	.24	.21
3CG-821	.1	1/4x1 1/2"	.58	.34	.26	.23
3CG-822	.25	1/2x1 1/2"	.90	.54	.41	.37
3CG-823						



MINIATURE CAPACITORS FOR TRANSISTOR CIRCUITRY

LAFAYETTE - SPRAGUE-BARCO



LAFAYETTE TRANSISTOR ULTRA-MINIATURE ELECTROLYTIC CONDENSERS



Latest subminiature electrolytic capacitors. Hermetically sealed aluminum cases, especially suitable physically and electrically for application in transistor and miniature electronic circuits. Long shelf-life, stable capacity and low leakage current. Super value in ultra-miniature electrolytics. Imported

Stock No.	Description	Dia.	Length	Net
CF-100	2 mfd 6 volt	1/4"	3/32"	.26
CF-101	4 mfd 6 volt	1/4"	3/32"	.26
CF-102	8 mfd 6 volt	1/4"	3/32"	.29
CF-103	10 mfd 6 volt	1/4"	3/32"	.29
CF-104	30 mfd 6 volt	1/4"	3/32"	.29
CF-105	50 mfd 6 volt	3/8"	3/32"	.31
CF-106	100 mfd 6 volt	1/2"	1/4"	.39
CF-112	8 mfd 12 volt	3/8"	7/8"	.26
CF-128	1 mfd 15 volt	3/8"	7/8"	.29
CF-120	2 mfd 15 volt	3/8"	7/8"	.29
CF-129	3 mfd 15 volt	3/8"	7/8"	.29
CF-121	6 mfd 15 volt	3/8"	7/8"	.29
CF-122	10 mfd 15 volt	3/8"	7/8"	.29
CF-123	20 mfd 15 volt	3/8"	7/8"	.29
CF-124	30 mfd 15 volt	3/8"	1 1/4"	.31
CF-125	50 mfd 15 volt	3/8"	1 1/4"	.45
CF-126	100 mfd 15 volt	3/8"	1 1/4"	.45
CF-127	160 mfd 15 volt	3/8"	1 3/8"	.49
CF-140	2 mfd 25 volt	3/8"	7/8"	.29
CF-141	6 mfd 25 volt	3/8"	7/8"	.31
CF-142	10 mfd 25 volt	3/8"	7/8"	.31
CF-143	25 mfd 25 volt	3/8"	1 1/4"	.31
CF-144	50 mfd 25 volt	3/8"	1 1/4"	.49
CF-145	160 mfd 25 volt	3/8"	1 3/4"	.49

LAFAYETTE SUBMINIATURE SQUARE CERAMIC CAPACITORS



75 VOLT MICROMINIATURE CAPACITORS AS SMALL AS 1/4" SQUARE x 1/4" THICK A new series of dependable conservatively rated ceramic capacitors designed for greatest capacitance in the smallest size. Vacuum impregnated phenolic coating. Rated 75V, test volts three times OCWV. Power factor 2.5%. Temperature range —55°C to +85°C. Shpg. wt., 1 oz.

Type	Cap. μF	Size L x W x Thick.	Net Each	Lots of 10, Each
C-608	.0005	1 1/8 x 1/8 x 1/8	.15	.13
C-609	.001	1 1/8 x 1/8 x 1/8	.15	.13
C-610	.002	1 1/8 x 1/8 x 1/8	.15	.13
C-611	.005	1 1/8 x 1/8 x 1/8	.15	.13
C-612	.01	1 1/8 x 1/8 x 1/8	.22	.19
C-613	.02	1 1/8 x 1/8 x 1/8	.22	.19
C-614	.05	1 1/8 x 1/8 x 1/8	.30	.27
C-615	.1	1 1/8 x 1/8 x 1/8	.45	.41
C-616	.2	1 1/8 x 1/8 x 1/8	.56	.51

LAFAYETTE CERAMIC DISCS

RATED 1000 DCWV



These Lafayette ceramic discs are ideal for bypassing, blocking and coupling applications and as cost saving replacements for paper and mica capacitors. Each disc is checked on the production line for power factor, capacity, leakage resistance and breakdown to assure dependable performance. Available in the following values. Shpg. wt., 2 oz.

μF	μF	μF	μF	μF	μF	
5	22	50	150	330	.001	.0027
6.8	25	56	180	390	.0012	.003
10	27	68	200	470	.0015	.0033
12	30	75	220	500	.0018	.004
15	33	82	250	560	.002	.0047
18	39	100	270	680	.0022	.005
20	47	120	300	750	.0025	.01

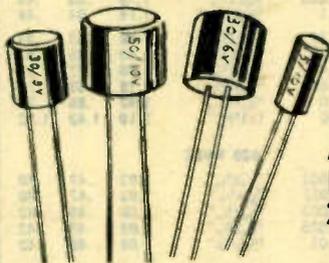
Assort any of above for quantity price
C-601 10 for .72, Singly, Ea. .08

HIGH CAPACITY DISCS

C-602 .015 μf Shpg. wt., 2 oz. 10 for .99 Singly, Ea. .11

C-603 .02 μf Shpg. wt., 2 oz. 10 for 1.08 Singly, Ea. .12

LAFAYETTE SUB-MINIATURE PRINTED CIRCUIT ELECTROLYTIC CAPACITORS



As Low As 22¢

• Smallest Made • Tolerance 10% • Exact Replacement For Hundreds of Thousands of Transistor Radios

These high quality electrolytics solve the servicing problems of size and mounting found in small printed-circuit transistor sets. Imported

Stock No.	Cap Mfd.	Work VDC	Size Dia. x L	Net Each 1-9	10-Up
CF-161	2	6	3/8 x 1/8	.22	.20
CF-162	4	6	3/8 x 1/8	.22	.20
CF-163	6	6	3/8 x 1/8	.24	.22
CF-164	8	6	3/8 x 1/8	.25	.23
CF-165	10	6	3/8 x 1/8	.25	.23
CF-166	20	6	3/8 x 3/8	.27	.25
CF-167	30	6	3/8 x 3/8	.27	.25
CF-168	50	6	3/8 x 1/2	.27	.25
CF-169	100	6	3/8 x 1/2	.31	.29
CF-170	200	6	1/2 x 1/2	.33	.31
CF-171	4	12	3/8 x 1/8	.24	.22
CF-172	8	12	3/8 x 1/8	.24	.22
CF-173	10	12	3/8 x 1/8	.27	.25
CF-174	20	12	3/8 x 1/8	.28	.26
CF-175	30	12	3/8 x 1/8	.29	.27
CF-176	50	12	1/2 x 1/2	.31	.29
CF-177	100	12	3/8 x 1/2	.33	.31

BARCO TRANSISTOR ULTRA-MINIATURE ELECTROLYTIC CONDENSERS

Imported from Holland Hermetically sealed aluminum cans. Shpg. wt., 2 oz.

Stock No.	Type	Cap Mfd.	WVDC	Dia. Lth.	Net
CG-125	P6-1	1	6	1/8 x 1/8	.50
CG-126	PT6-2	2	6	1/8 x 1/8	.41
CG-127	P6-251	25	6	1/8 x 1/8	.44
CG-128	PC6-801	80	6	1/8 x 1/8	.50
CG-129	PCH6-160	160	6	3/8 x 1/8	.73
CG-130	PT8-2	2	8	1/8 x 3/8	.59
CG-133	PS12-31	3	12	1/8 x 3/8	.41
CG-134	P12-51	5	12	1/8 x 3/8	.50
CG-135	P12-161	16	12	1/8 x 3/8	.44
CG-136	P12-501	50	12	3/8 x 1/8	.59
CG-138	PT50-25	25	50	1/8 x 3/8	.59
CG-140	P25-81	8	25	1/8 x 1/8	.59
CG-141	PC25-251	25	25	1/8 x 1/8	.50
CG-142	PCH25-501	50	25	3/8 x 1/8	.73
CG-143	P40-51	5	40	1/8 x 1/8	.59
CG-144	PC40-301	30	40	3/8 x 1/8	.59
CG-145	P70-3	3	70	1/8 x 3/8	.44
CG-146	P70-101	10	70	3/8 x 1/8	.59
CG-147	P70-201	20	70	3/8 x 1/8	.73
CG-148	PT150-81	8	150	3/8 x 1/8	.73

SPRAGUE TRANSISTOR ULTRA-MINIATURE ELECTROLYTIC CONDENSERS



Reliable, hermetically sealed subminiature electrolytic capacitors. Excellent replacement capacitors for transistorized equipment. Diams. vary from 3/8" to 3/4", lengths from 1/2" to 1 1/2". Shpg. wt., 2 oz.

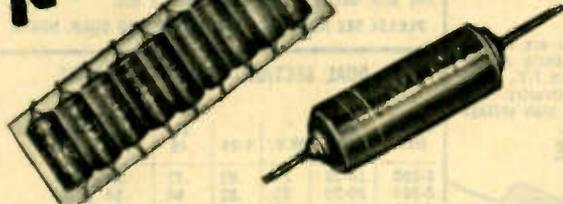
Stock No.	Type	Mfd. μF WVDC	Net each				
			1-24	25-49	50-99	100 Up	
CG-20	TE1010	5	1	.73	.51	.40	.32
CG-88	TE-1050	1	3	.73	.51	.40	.32
CG-21	TE1051	2	3	.73	.51	.40	.32
CG-89	TE-1052	3	3	.73	.51	.40	.32
CG-22	TE1053	10	3	.73	.51	.40	.32
CG-90	TE-1054	20	3	.73	.51	.40	.32
CG-23	TE1055	25	3	.73	.53	.42	.33
CG-24	TE1057	40	3	.73	.53	.42	.33
CG-91	TE-1058	50	3	.73	.51	.40	.32
CG-92	TE-1059	75	3	.82	.56	.43	.35
CG-25	TE1060	110	3	.82	.61	.48	.38
CG-26	TE1064	200	3	.88	.61	.48	.38
CG-27	TE1080	1	6	.73	.51	.40	.32
CG-28	TE1081	2	6	.73	.51	.40	.32
CG-29	TE1082	3	6	.73	.51	.40	.32
CG-30	TE1083	4	6	.73	.51	.40	.32
CG-31	TE1084	5	6	.73	.51	.40	.32
CG-93	TE-1085	6	6	.73	.51	.40	.32
CG-32	TE1086	8	6	.79	.51	.40	.32
CG-33	TE1087	10	6	.79	.51	.40	.32
CG-34	TE1089	15	6	.79	.53	.42	.33
CG-35	TE1091	25	6	.79	.53	.42	.33
CG-94	TE-1090	20	6	.79	.53	.42	.33
CG-36	TE1092	30	6	.82	.53	.42	.33
CG-95	TE-1093	35	6	.82	.53	.42	.33
CG-37	TE1095	40	6	.82	.56	.43	.36
CG-38	TE1100	50	6	.82	.56	.43	.36
CG-39	TE1101	60	6	.82	.61	.48	.38
CG-40	TE1102	100	6	.88	.61	.48	.38
CG-96	TE-1103	150	6	.91	.61	.48	.38
CG-97	TE-1106	300	6	1.06	.69	.54	.43
CG-41	TE1114	10	10	.79	.53	.42	.33
CG-42	TE1116	15	10	.79	.53	.42	.33
CG-43	TE1118	25	10	.79	.56	.43	.38
CG-98	TE-1120	1	12	.73	.51	.40	.32
CG-99	TE-1122	3	12	.73	.51	.40	.32
CG-44	TE1127	5	12	.79	.51	.40	.32
CG-45	TE1128	10	12	.79	.51	.40	.32
CG-100	TE-1129	15	12	.82	.53	.42	.33
CG-101	TE-1133	50	12	.91	.61	.48	.38
CG-102	TE-1135	100	12	1.03	.61	.48	.38
CG-117	TE-1138	250	12	1.29	.72	.56	.45
CG-103	TE-1148	1	15	.73	.51	.40	.32
CG-104	TE-1149	2	15	.73	.51	.40	.32
CG-46	TE1152	5	15	.82	.51	.40	.32
CG-105	TE-1153	6	15	.82	.51	.40	.32
CG-47	TE1155	10	15	.82	.53	.42	.33
CG-48	TE1157	20	15	.85	.53	.42	.33
CG-49	TE1158	30	15	.88	.56	.43	.35
CG-106	TE-1160	50	15	.94	.61	.48	.38
CG-50	TE1163	100	15	1.06	.61	.48	.38
CG-51	TE1163	150	15	1.15	.66	.51	.41
CG-52	TE1164	200	15	1.23	.72	.56	.45
CG-107	TE-1201	2	25	.76	.51	.40	.32
CG-53	TE1202	5	25	.82	.53	.42	.33
CG-54	TE1203	6	25	.82	.53	.42	.33
CG-55	TE1204	10	25	.85	.53	.42	.33
CG-56	TE1205	15	25	.85	.56	.43	.35
CG-57	TE1206	20	25	.88	.61	.48	.38
CG-108	TE-1207	25	25	.91	.61	.48	.38
CG-109	TE-1209	50	25	1.06	.61	.48	.38
CG-58	TE1211	100	25	1.24	.67	.52	.42
CG-110	TE-1300	1	50	.76	.59	.46	.37
CG-111	TE-1302	3	50	.79	.59	.46	.37
CG-59	TE1303	5	50	.85	.59	.46	.37
CG-60	TE1304	10	50	.88	.60	.47	.37
CG-61	TE1305	20	50	.88	.61	.48	.38
CG-112	TE-1307	50	50	1.09	.65	.51	.41
CG-62	TE1400	1	100	.81	.60	.47	.37
CG-113	TE-1401	2	100	.82	.60	.47	.37
CG-63	TE1403	4	100	.82	.60	.47	.37
CG-114	TE-1404	5	100	.88	.60	.47	.37
CG-64	TE1405	6	100	.88	.60	.47	.37
CG-65	TE1406	8	100	.91	.60	.47	.37
CG-66	TE1407	10	100	.91	.60	.47	.37
CG-67	TE1409	20	100	.94	.63	.49	.39
CG-115	TE-1501	2	150	.85	.63	.49	.39
CG-116	TE-1504	5	150	.91	.63	.49	.39
CG-68	TE1505	6	150	.91	.63	.49	.39
CG-69	TE1506	8	150	.94	.63	.49	.40
CG-70	TE1507	10	150	.94	.63	.49	.40
CG-71	TE1508	12	150	.94	.65	.51	.41

QUALITY CONDENSERS FOR THE SERVICEMAN

LAFAYETTE METAL CASED OIL FILLED TUBULAR CAPACITORS

New!

- Exceptional capacitance stability
- 10% Tolerance
- High insulation resistance
- Wide temperature range

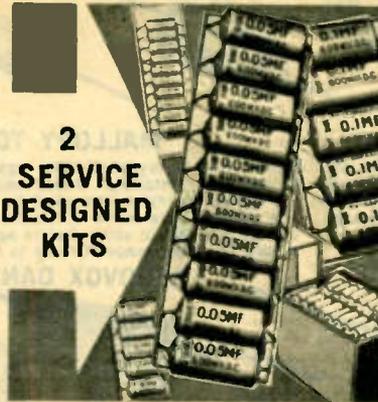


These oil-filled and oil impregnated paper capacitors are manufactured to high standards. Feature 10% tolerance. Operate efficiently from -40°C to +100°C. Ruggedly constructed in metal case with plastic insulating outer sleeve to withstand shock, voltage surge, moisture and other adverse operating conditions. Has low dielectric leakage, low power factor and exceptional capacitance stability. Lightweight compact, made to render long servicing life. Ideal for replacement and original applications in radio, TV and other electronic equipment. Outside foil is clearly printed. Doubly tinned copperweld type leads are firmly attached to the case. Conservatively rated at 600 WVDC. Avg. shpg. wt., 5 oz. each. Imported

Type	Cap. Mfd.	Size O x L	NET		
			Single	Lots of 10	Lots of 100
C-800	.001	9/32 x 26/32"	.09	.81	6.00
C-801	.002	9/32 x 26/32"	.09	.81	6.00
C-802	.005	9/32 x 27/32"	.09	.81	6.00
C-803	.01	9/32 x 27/32"	.10	.90	6.50
C-804	.02	10/32 x 27/32"	.11	.99	7.50
C-805	.05	13/32 x 1"	.12	1.08	9.50
C-806	.1	15/32 x 1 1/4"	.14	1.26	11.40

PORCELAIN CASED TUBULAR CAPACITORS

2 SERVICE DESIGNED KITS



VALUE PACKED KITS

KIT OF 100 600V W V DC		KIT OF 50 600V W V DC	
QTY.	MFD.	QTY.	MFD.
10	.001	5	.001
10	.002	5	.002
10	.003	5	.003
20	.01	10	.01
20	.02	10	.02
20	.05	10	.05
10	.1	5	.1

KIT NO. KI-52

4 95

KIT NO. KI-51

2 75

- Tested At 3 Times Working Voltage
- Exceptionally Resistant To High Temperatures and Moisture
- Dependable Performance

They're new, they're different, and they're better! Now, at a price far less than that of ordinary plastic molded tubulars, Lafayette brings you, for every day service work, a condenser that was designed for critical industrial applications. The case is of durable gleaming porcelain, a ceramic known for its high degree of imperviousness to moisture and resistance to heat. The capacitor is of finest quality, tested at 3 times the rated voltage with much closer capacity tolerance. The leads are firmly attached and sealed — they won't twist or break off. We've selected the most popular values and put them up in two serviceman designed kits. Each condenser is plainly marked. Each value is mounted on separate handy strips. All are conservatively rated at 600 DC working volts. See chart for contents of each kit. Imported

KI-51 Kit of 50 Shpg. wt., 3/4 lb. Net 2.75
KI-52 Kit of 100 Shpg. wt., 1 1/2 lbs. Net 4.95

LAFAYETTE MYLAR "TITANEX" 75 VOLT MICRO-MINIATURE CERAMIC CAPACITORS

- ± 10% Tolerance
- Tested to Working Voltage x 250%

Pressure molded, solid block construction. Exceptional humidity resistance. Du Pont MYLAR polyester film dielectric. Resin dip insulation. Designed for circuits requiring extremely small stable components—ideal for printed or transistor circuitry. Temperature range from -25°C to 85°C without derating. All are rated at 75 W.V. D.C. Shpg. wt., 2 oz. Imported



AS LOW AS **.13**

75WVDC RECTANGULAR TYPE (Fig. A)

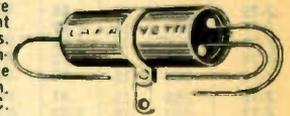
STOCK #	CAP. MFD.	Size WxTxH	Net	
			1-9	10-99
CF-150	.0005	3/2 x 3/4 x 1 1/2	.13	.11
CF-151	.001	3/2 x 3/4 x 1 1/2	.13	.11
CF-152	.002	3/2 x 3/4 x 1 1/2	.13	.11
CF-153	.005	3/2 x 3/4 x 1 1/2	.13	.11
CF-154	.01	3/2 x 3/4 x 1 1/2	.15	.13
CF-155	.02	3/2 x 3/4 x 1 1/2	.15	.13
CF-156	.05	1 1/2 x 3/4 x 1 1/2	.24	.21
CF-159	.05	3/2 x 1/2 x 1 1/2	.24	.21
CF-157	.1	1 1/2 x 3/4 x 3/8	.36	.32
CF-160	.1	1 1/2 x 3/4 x 3/8	.36	.32
CF-158	.25	3/2 x 3/4 x 3/8	.48	.43

25WVDC ROUND TYPE (Fig. B)

CF-178	000002	1/4 dia. x 1/4" th.	.13	.11
CF-179	.00002	3/8 dia. x 1/4" th.	.13	.11
CF-180	.0001	3/8 dia. x 3/8" th.	.13	.11
CF-181	.04	3/8 dia. x 3/4" th.	.24	.21

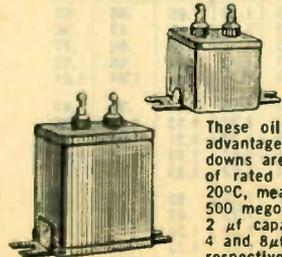
LAFAYETTE TUBULAR ELECTROLYTICS

These new Lafayette electrolytic capacitors are specifically designed for service replacement applications. All are sealed in aluminum cans. All have wax impregnated cardboard outer insulating sleeves, have solid tinned copper wire leads with negative terminal grounded to can. Guaranteed for operation as high as 85°C. Avg. shpg. wt., 4 oz. ea.



Stock No.	Mfd.	W. V.	Net Each	Price in lots of 10 Each
C-128	10	25	.29	.27
C-129	25	25	.31	.28
C-100	20	150	.30	.27
C-101	40	150	.35	.32
C-113	8	450	.35	.32
C-130	20	450	.50	.45
C-131	40	450	.61	.56
Dual Section Tubular Electrolytic				
C-127	20-20	150	.37	.33
C-125	30-30	150	.39	.34
C-126	40-40	150	.41	.37
C-102	50-30	150	.41	.37
C-106	50-50	150	.44	.40

OIL FILLED METALLIZED PAPER CAPACITORS



- Excellent For Building Your Own Crossover Network
- Self-Healing Type

These oil filled metallized paper capacitors have the advantage that they are self healing. Even many breakdowns are harmless. Capacitance tolerance is ± 10% of rated capacity. Dielectric loss less than 10% at 20°C, measured at 1000 cps. Insulation resistance over 500 megohms between terminals. Overall dimension for 2 µf capacitor is 1 1/4 x 3/4 x 1 1/2". Overall dimension for 4 and 8 µf capacitors are 1 3/4 x 3/4 x 2 3/4" and 1 3/4 x 3/4 x 2 3/4" respectively. Imported

Stock No.	Cap. Mfd.	OCWV	Shpg. Wt.	Net Ea.
CF-114	2	150	3 oz.	.59
CF-115	4	150	3 oz.	.79
CF-116	8	150	8 oz.	1.19

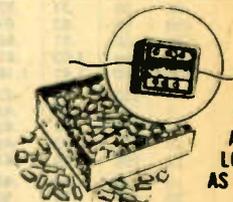
WIDE RANGE ELECTROLYTIC CAPACITOR



Compact unit which provides exact electrical replacement for 8 original standard 150 VDCW capacitors used principally in printed circuit home radio receivers. Can also be used for many combinations of capacitance within its ratings to replace both single and dual capacitance units. 1 dia. x 2 1/2" L.

50-30 mfd.	80-40 mfd.
70-30 mfd.	50-50 mfd.
75-30 mfd.	70-50 mfd.
60-40 mfd.	80-50 mfd.
Z-246	Net 1.18

KIT OF 50



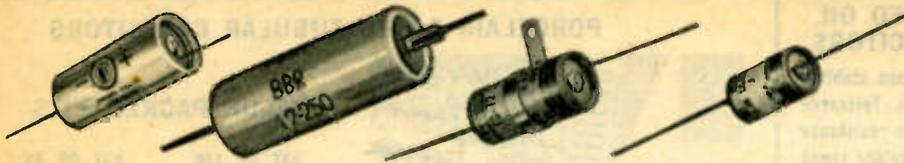
AS LOW AS 99c

KIT OF 50 ASSORTED MICA CONDS.

A kit of the most popular mica capacitors for servicemen. Contains 50 popular sizes. A handy assortment for any service shop or experimenter. Shpg. wt., 2 lbs.

KI-10 Net 1.19
Lots of 3 Each .99

CORNELL-MALLORY-SPRAGUE-AEROVOX-ELECTROLYTICS



STANDARD BRANDS

Because no one manufacturer offers all sizes, we have made this integrated list more comprehensive than any other electronic distributor. Since your order will be filled with one of the 4 famous brands illustrated, you are assured of the highest quality. We will supply any particular manufacturers brand specified, if available in the size desired. Avg. shpg. wt., 5 ozs.

PLEASE SEE NEXT PAGE FOR TRIPLE AND QUAD. UNITS.

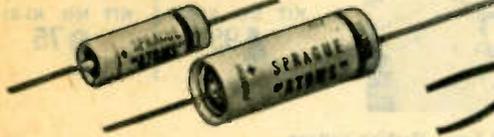
CORNELL BLUE BEAVER

Cornell Dubilier types BBR, BR and BBRD are dry electrolytics in compact aluminum cases. Highest quality for T.V. general replacement with extra safety for high surge voltages in power supplies. Very low leakage. Operating temperature up to 85° C.

MALLORY TC

Mallory type TC dry electrolytic capacitors are housed in aluminum containers. These compact units are of the highest quality and are ideal for use in T.V., radio and general replacement in electronic circuitry. Low leakage and built in safety factors against high voltage surges. Operating temperature up to 85° C.

SPRAGUE "ATOMS"



Sprague types TVA and TV are dry electrolytics in extremely compact metal cases. They are designed to withstand high surge voltages and high ripple currents making them ideal for TV replacements, power supplies, etc. Leakage is very low. Efficient at temperatures up to 85° C.

AEROVOX DANDEE



AeroVox type PK8 are dry electrolytic in compact aluminum cases. Dependable replacements for T.V. and all electronic equipment when a quality unit is required. Feature low leakage high voltage surge protection and operating temperature up to 85° C.

DUAL SECTION—COMMON NEGATIVE

Stock No.	Cap. MFD.	W.V.	NET EACH IN LOTS OF			
			1-24	25-49	50-99	100-249
Z-200	10-10	25	.82	.72	.56	.45
Z-201	20-20	25	.82	.64	.54	.43
Z-202	25-25	25	.84	.84	.72	.57
Z-203	10-10	50	.82	.73	.57	.46
Z-204	8-8	150	.88	.78	.58	.47
Z-205	8-16	150	.91	.69	.57	.45
Z-206	16-16	150	1.06	.78	.61	.49
Z-207	20-10	150	.91	.71	.57	.46
Z-208	20-12	150	.94	.78	.61	.49
Z-209	20-20	150	.97	.80	.62	.50
Z-210	30-20	150	1.00	.82	.64	.51
Z-211	30-30	150	1.06	.85	.66	.53
Z-212	40-20	150	1.03	.84	.65	.52
Z-213	40-30	150	1.06	.86	.67	.54
Z-214	40-40	150	1.09	.88	.69	.55
Z-215	50-30	150	1.15	.88	.69	.55
Z-216	50-50	150	1.23	.93	.72	.58
Z-217	80-30	150	1.29	.94	.73	.59
Z-218	80-40	150	1.29	1.16	.91	.72
Z-219	80-50	150	1.38	1.18	.92	.74
Z-220	100-100	150	1.88	1.35	1.05	.84
Z-221	8-8	200	.88	.68	.56	.45
Z-222	8-16	200	.94	.75	.58	.47
Z-223	16-16	200	1.00	.77	.60	.48
Z-224	30-30	200	1.26	.88	.68	.55
Z-225	8-8	250	.94	.94	.56	.45
Z-226	10-10	250	.97	.75	.58	.46
Z-227	16-8	250	1.00	1.00	.61	.49
Z-228	16-16	250	1.00	.76	.53	.50
Z-229	20-20	250	1.09	.88	.69	.55
Z-230	30-30	250	1.32	.95	.74	.59
Z-231	40-10	250	1.21	.94	.73	.58
Z-232	75-20	250	1.51	1.51	.90	.72
Z-233	80-10	250	1.50	1.35	1.23	.98
Z-234	10-10	350	1.00	1.00	.81	.65
Z-235	20-20	350	1.32	1.06	.82	.66
Z-236	8-8	450	1.10	.88	.69	.55
Z-237	10-10	450	1.09	.92	.72	.58
Z-238	15-15	450	1.29	1.29	1.00	.80
Z-239	16-8	450	1.18	.98	.76	.61
Z-240	16-16	450	1.32	1.06	.82	.66
Z-241	20-20	450	1.47	1.19	.92	.74
Z-242	30-30	450	1.76	1.46	1.13	.91
Z-243	40-20	450	1.73	1.33	1.09	.87
Z-244	40-40	450	2.00	1.79	1.40	1.12
Z-245	50-30	450	2.00	1.57	1.34	1.07

SINGLE SECTION

Stock No.	Cap. MFD.	W.V.	NET EACH IN LOTS OF				Stock No.	Cap. MFD.	W.V.	NET EACH IN LOTS OF			
			1-24	25-49	50-99	100-249				1-24	25-49	50-99	100-249
Z-60	1000	3	1.00	.82	.64	.51	Z-119	4	250	.59	.48	.37	.30
Z-61	2000	4	1.35	.93	.72	.58	Z-120	5	250	.63	.48	.38	.30
Z-62	50	6	.56	.41	.32	.26	Z-121	8	250	.68	.54	.42	.34
Z-63	100	6	.70	.50	.39	.32	Z-122	10	250	.71	.56	.43	.35
Z-64	250	6	.79	.64	.50	.40	Z-123	12	250	.73	.57	.45	.36
Z-65	500	6	.91	.73	.57	.46	Z-124	16	250	.76	.60	.47	.38
Z-66	1000	6	1.11	.85	.69	.56	Z-125	20	250	.79	.64	.50	.40
Z-67	1500	6	1.23	.98	.76	.61	Z-126	30	250	.85	.68	.53	.43
Z-68	2000	6	1.35	1.08	.84	.67	Z-127	40	250	.91	.74	.57	.46
Z-69	100	12	.70	.52	.40	.32	Z-128	50	250	1.00	.76	.62	.51
Z-70	250	12	.85	.68	.53	.43	Z-129	60	250	1.06	.81	.66	.53
Z-71	500	12	1.00	.79	.61	.49	Z-130	4	350	.62	.48	.38	.31
Z-72	1000	12	1.32	1.05	.82	.65	Z-131	5	350	.62	.50	.39	.31
Z-74	100	15	.73	.52	.41	.33	Z-132	8	350	.71	.55	.43	.35
Z-75	200	15	.82	.68	.53	.42	Z-133	10	350	.73	.59	.46	.37
Z-76	250	15	.91	.74	.60	.46	Z-134	12	350	.76	.61	.47	.38
Z-77	500	15	1.03	.83	.64	.52	Z-135	16	350	.82	.66	.51	.41
Z-78	1000	15	1.35	1.07	.84	.67	Z-136	20	350	.85	.68	.53	.42
Z-79	2000	15	1.88	1.88	1.10	.88	Z-137	24	350	.91	.72	.56	.46
Z-80	2	25	.53	.39	.31	.25	Z-138	30	350	.97	.73	.60	.48
Z-81	5	25	.59	.42	.33	.26	Z-139	40	350	1.03	.80	.62	.50
Z-82	10	25	.59	.42	.33	.26	Z-140	50	350	1.09	.87	.68	.55
Z-83	16	25	.59	.43	.35	.28	Z-141	60	350	1.15	.91	.71	.57
Z-84	20	25	.59	.58	.34	.27	Z-142	1	450	.65	.51	.39	.32
Z-85	25	25	.59	.44	.37	.28	Z-143	2	450	.65	.52	.41	.33
Z-86	50	25	.65	.47	.37	.30	Z-144	4	450	.68	.54	.42	.34
Z-87	100	25	.79	.58	.45	.36	Z-145	5	450	.71	.56	.43	.35
Z-88	250	25	1.00	.79	.61	.49	Z-146	8	450	.73	.60	.46	.37
Z-89	500	25	1.35	1.07	.84	.67	Z-147	10	450	.76	.60	.47	.37
Z-90	1	50	.53	.39	.30	.25	Z-148	12	450	.79	.64	.50	.40
Z-91	2	50	.53	.39	.31	.25	Z-149	16	450	.82	.68	.53	.42
Z-92	5	50	.59	.42	.32	.26	Z-150	20	450	.91	.73	.57	.46
Z-93	10	50	.59	.42	.33	.27	Z-151	30	450	1.00	.80	.63	.50
Z-94	20	50	.59	.43	.33	.27	Z-152	40	450	1.06	.83	.65	.52
Z-95	25	50	.62	.44	.35	.28	Z-153	50	450	1.23	.98	.76	.61
Z-96	50	50	.71	.52	.40	.32	Z-154	60	450	1.38	1.08	.83	.66
Z-97	100	50	.82	.60	.47	.40	Z-155	80	450	1.65	1.11	.87	.69
Z-98	150	50	.91	.66	.51	.41	Z-156	100	450	1.88	1.17	.91	.73
Z-99	250	50	1.03	.83	.64	.52	Z-157	10	475	.79	.64	.50	.40
Z-100	500	50	1.41	1.10	.86	.69	Z-158	20	475	.94	.75	.58	.47
Z-101	4	150	.59	.42	.33	.26	Z-159	4	500	.71	.53	.43	.35
Z-102	5	150	.59	.43	.33	.27	Z-160	8	500	.76	.61	.48	.38
Z-103	8	150	.62	.45	.35	.28	Z-161	10	500	.79	.63	.49	.39
Z-104	10	150	.62	.46	.36	.29	Z-162	12	500	.82	.64	.51	.41
Z-105	12	150	.65	.47	.37	.29	Z-163	16	500	.88	.70	.55	.44
Z-106	16	150	.68	.49	.38	.31	Z-164	20	500	.94	.75	.58	.47
Z-107	20	150	.71	.50	.39	.32	Z-165	30	500	1.03	.79	.64	.52
Z-108	24	150	.73	.52	.41	.33	Z-167	8	600	1.68	1.31	1.02	.81
Z-109	25	150	.73	.57	.45	.36	Z-168	10	600	1.73	1.35	1.05	.84
Z-110	30	150	.76	.55	.43	.35	Z-169	12	600	1.85	1.43	1.11	.89
Z-111	40	150	.79	.58	.45	.36	Z-170	16	600	2.03	1.57	1.22	.97
Z-112	50	150	.82	.60	.47	.38	Z-171	20	600	2.09	1.61	1.25	1.00
Z-113	60	150	.88	.63	.49	.39	Z-172	8	700	1.71	1.33	1.04	.83
Z-114	80	150	.94	.69	.54	.43	Z-173	10	700	1.79	1.40	1.09	.87
Z-115	100	150	1.03	.75	.58	.47	Z-174	12	700	1.91	1.48	1.15	.92
Z-116	150	150	1.12	.82	.64	.48	Z-175	16	700	2.06	1.59	1.24	.99
Z-117	200	150	1.29	.93	.73	.58							
Z-118	300	150	1.50	1.00	.78	.62							

DUAL UNITS—SEPARATE SECTIONS

Stock No.	Cap. MFD.	W.V.	NET EACH IN LOTS OF			
			1-24	25-49	50-99	100-249
Z-260	15-15	150	1.18	1.09	.85	.68
Z-261	20-20	150	1.20	.79	.62	.50
Z-262	30-30	150	1.32	1.23	.96	.77
Z-263	40-20	150	1.29	.83	.65	.52
Z-264	40-40	150	1.38	1.30	1.01	1.01
Z-265	50-30	150	1.14	1.05	.94	.84
Z-266	50-50	150	1.23	1.13	1.02	.90
Z-267	80-40	150	1.32	1.21	1.09	.99
Z-268	70-70	175	2.12	1.73	1.35	1.08
Z-269	10-10	250	1.23	.96	.77	
Z-270	16-8	250	1.23	.92	.72	.57
Z-271	16-16	250	1.29	.84	.65	.52
Z-272	20-20	250	1.38	1.38	1.11	.89
Z-273	8-8	350	1.23	1.23	.96	.77
Z-274	15-15	350	1.62	1.46	1.13	.91
Z-275	8-8	450	1.26	.89	.69	.55
Z-276	15-15	450	1.62	1.50	1.17	.93
Z-277	16-8	450	1.44	1.11	.86	.69
Z-278	16-16	450	1.65	1.10	.85	.68
Z-279	20-20	450	1.85	1.62	1.26	1.26

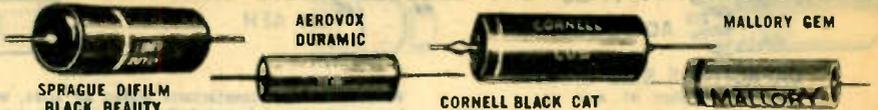
STANDARD BRAND TUBULARS ELECTROLYTICS-MOLDED TUBULARS

TUBULAR ELECTROLYTICS continued from facing page



TRIPLE SECTION

STANDARD BRAND MOLDED TUBULAR CAPACITORS



STANDARD BRANDS
Because no one manufacturer offers all sizes, we have made this integrated list more comprehensive than any other electronic distributor. Since your order will be

filled with one of the 4 famous brands illustrated, you are assured of the highest quality. We will supply any particular manufacturer's brand specified, if available in the size desired. Avg. shpg. wt., 5 ozs.

200 VOLTS DC WORKING

600 VOLTS DC WORKING

Stock No.	Cap. Mfd.	W.V.	NET EACH IN LOTS OF			
			1-24	25-49	50-99	100-249
Z-300	20-10-10	150	1.17	1.16	.91	.72
Z-301	20-20-20	150	1.47	1.27	.99	.79
Z-302	30-20-10	150	1.48	1.14	.88	.71
Z-303	30-25-20	150	1.48	1.14	.91	.73
Z-304	30-30-20	150	1.55	1.17	.91	.73
Z-305	30-30-30	150	1.53	1.34	1.04	.84
Z-306	40-20-20	150	1.55	1.17	.91	.73
Z-307	40-30-20	150	1.53	1.34	1.04	.84
Z-308	40-40-20	150	1.60	1.21	.94	.80
Z-309	40-40-40	150	1.65	1.40	1.09	.87
Z-310	50-30-10	150	1.55	1.19	.93	.74
Z-311	50-30-20	150	1.60	1.22	.95	.76
Z-312	80-40-20	150	1.71	1.45	1.13	.90
Z-313	80-50-50	150	1.82	1.47	1.15	.92
Z-314	20-20-20	150/25	1.44	1.25	.97	.78
Z-315	30-20-20	150/25	1.47	1.13	.88	.70
Z-316	30-20-100	150/25	1.55	1.19	.92	.74
Z-317	30-30-20	150/25	1.20	1.19	.93	.74
Z-319	40-20-20	150/25	1.50	1.15	.89	.72
Z-320	40-30-20	150/25	1.47	1.30	1.02	.81
Z-321	40-40-20	150/25	1.56	1.19	.92	.74
Z-322	40-40-100	150/25	1.65	1.39	1.08	.87
Z-323	40-40-250	150/10	1.67	1.27	.99	.79
Z-324	50-30-20	150/25	1.56	1.34	1.04	.83
Z-325	50-30-100	150/25	1.64	1.24	.97	.77
Z-326	50-30-200	150/10	1.50	1.50	1.04	.83
Z-327	50-30-200	150/25	1.62	1.48	1.14	.91
Z-328	50-30-250	150/25	1.77	1.36	1.06	.84
Z-329	50-50-20	150/25	1.62	1.37	1.07	.86
Z-330	80-20-100	150/25	1.66	1.28	1.00	.80
Z-331	80-40-20	150/25	1.66	1.24	.96	.77
Z-332	20-20-20	250/25	1.32	1.32	.98	.78
Z-333	40-20-20	250/25	1.50	1.50	1.04	.83
Z-334	40-40-20	250/25	1.70	1.70	1.09	.88
Z-335	75-40-10	250	2.02	2.02	1.22	.97
Z-336	40-30-40	350/250	1.94	1.54	1.20	.96
Z-337	12-12-20	150/25	1.35	1.31	1.02	.82
Z-338	16-16-16	450	1.82	1.82	1.20	.96
Z-339	20-20-20	450/25	1.82	1.39	1.08	.87
Z-340	30-50-100	450/150/25	1.88	1.56	1.21	.97
Z-341	30-30-30	450/350/250	2.20	1.67	1.30	1.04
Z-342	40-20-10	450	2.20	1.74	1.35	1.06

QUADRUPLE UNITS

Stock No.	Cap MFD.	W.V.	NET EACH IN LOTS OF			
			1-24	25-49	50-99	100-249
Z-400	30-30-20-20	150/25	1.71	1.71	1.14	.91
Z-401	40-20-20-20	150/25	1.68	1.68	1.14	.91
Z-402	50-30-20-20	150/25	1.79	1.79	1.17	.93
Z-403	40-40-30-20	150/25	1.77	1.77	1.18	.94
Z-404	50-50-50-20	150/25	2.03	2.03	1.24	.99
Z-405	20-20-20-20	450/25	2.38	2.38	1.48	1.19

HIGH VOLTAGE MOLDED TUBULAR CAPACITORS

Stock No.	Cap Mfd.	W.V.	NET EACH IN LOTS OF			
			1-24	25-49	50-99	100-249
Z-675	.0005	6000	.650	.484	.376	.301
Z-676	.001	6000	.710	.500	.389	.311
Z-677	.005	6000	.730	.513	.399	.319
Z-678	.0005	10000	.680	.513	.399	.319
Z-679	.00025	12500	.940	.664	.516	.413

Stock No.	Cap. Mfd.	NET EACH IN LOTS OF			
		1-24	25-49	50-99	100-249
Z-500	.02	.150	.120	.090	.067
Z-501	.047	.150	.130	.093	.080
Z-502	.05	.150	.130	.093	.080
Z-503	.1	.210	.135	.105	.090
Z-504	.15	.210	.160	.130	.095
Z-505	.25	.230	.210	.160	.130
Z-506	.22	.230	.210	.170	.130
Z-507	.33	.290	.218	.170	.136
Z-508	.47	.350	.340	.310	.250
Z-509	.5	.350	.350	.330	.270
Z-510	1.0	.620	.540	.420	.340

400 VOLTS DC WORKING

Stock No.	Cap. Mfd.	NET EACH IN LOTS OF			
		1-24	25-49	50-99	100-249
Z-520	.001	.150	.106	.082	.066
Z-521	.0068	.150	.106	.082	.066
Z-522	.0075	.150	.106	.082	.066
Z-523	.01	.150	.106	.090	.066
Z-524	.015	.150	.120	.090	.067
Z-525	.02	.150	.120	.088	.080
Z-526	.022	.180	.120	.088	.080
Z-527	.025	.180	.115	.089	.080
Z-528	.03	.180	.117	.091	.080
Z-529	.03	.180	.119	.093	.074
Z-530	.04	.180	.130	.095	.076
Z-531	.047	.180	.130	.096	.077
Z-532	.05	.180	.140	.110	.090
Z-533	.068	.210	.160	.110	.090
Z-534	.1	.210	.160	.117	.094
Z-535	.15	.230	.210	.170	.130
Z-536	.2	.260	.230	.180	.140
Z-537	.22	.260	.230	.180	.140
Z-538	.25	.290	.280	.260	.210
Z-539	.47	.440	.400	.310	.250
Z-540	.5	.440	.430	.340	.270
Z-541	1.0	.740	.690	.620	.490

1000 VOLTS DC WORKING

Stock No.	Cap. Mfd.	NET EACH IN LOTS OF			
		1-24	25-49	50-99	100-249
Z-600	.0005	.290	.140	.110	.090
Z-601	.001	.290	.140	.110	.090
Z-602	.0015	.290	.140	.110	.090
Z-603	.002	.290	.140	.110	.090
Z-604	.0022	.290	.140	.110	.090
Z-605	.003	.290	.140	.110	.090
Z-606	.0033	.290	.131	.102	.081
Z-607	.004	.290	.140	.110	.090
Z-608	.0047	.290	.140	.110	.090
Z-609	.005	.290	.140	.110	.090
Z-610	.006	.290	.140	.109	.087
Z-611	.0068	.290	.150	.120	.090
Z-612	.0075	.290	.144	.112	.090
Z-613	.01	.290	.160	.130	.094
Z-614	.015	.290	.180	.140	.110
Z-615	.02	.290	.210	.160	.130
Z-616	.022	.290	.210	.160	.130
Z-617	.025	.290	.178	.138	.111
Z-618	.03	.290	.230	.180	.140
Z-619	.033	.350	.191	.149	.119
Z-620	.035	.290	.230	.180	.150
Z-621	.04	.350	.203	.158	.126
Z-622	.047	.350	.250	.190	.160
Z-623	.05	.350	.260	.200	.160
Z-624	.06	.350	.232	.180	.144
Z-625	.068	.410	.243	.189	.151
Z-626	.1	.440	.410	.320	.260

Stock No.	Cap. Mfd.	NET EACH IN LOTS OF			
		1-24	25-49	50-99	100-249
Z-550	.0001	.150	.108	.084	.067
Z-551	.00025	.150	.108	.084	.067
Z-552	.0004	.150	.108	.084	.067
Z-553	.0005	.150	.108	.084	.067
Z-554	.001	.150	.108	.084	.067
Z-555	.0015	.150	.108	.084	.067
Z-556	.002	.150	.108	.084	.067
Z-557	.0022	.150	.110	.086	.069
Z-558	.003	.150	.110	.086	.069
Z-559	.0033	.150	.110	.086	.069
Z-560	.004	.150	.110	.086	.069
Z-561	.0047	.150	.110	.086	.069
Z-562	.005	.150	.110	.086	.069
Z-563	.006	.150	.110	.086	.069
Z-564	.0068	.150	.113	.088	.070
Z-565	.007	.180	.140	.095	.080
Z-566	.0075	.180	.113	.088	.070
Z-567	.01	.180	.117	.091	.073
Z-568	.015	.180	.122	.095	.076
Z-569	.02	.180	.128	.100	.080
Z-570	.022	.180	.133	.103	.083
Z-571	.025	.210	.135	.105	.084
Z-572	.03	.210	.142	.110	.088
Z-573	.033	.210	.144	.112	.090
Z-574	.04	.210	.149	.116	.100
Z-575	.047	.210	.151	.117	.094
Z-576	.05	.240	.170	.130	.110
Z-577	.06	.240	.170	.130	.110
Z-578	.068	.240	.173	.135	.108
Z-579	.075	.260	.182	.142	.113
Z-580	.1	.260	.212	.165	.132
Z-581	.15	.350	.254	.198	.180
Z-582	.2	.380	.300	.300	.240
Z-583	.22	.410	.380	.300	.240
Z-584	.25	.440	.430	.400	.320
Z-585	.47	.730	.660	.520	.420
Z-586	.5	.730	.670	.520	.420
Z-587	1.0	1.030	.890	.690	.560

1600 VOLTS DC WORKING

Stock No.	Cap. Mfd.	NET EACH IN LOTS OF			
		1-24	25-49	50-99	100-249
Z-640	.0005	.380	.128	.100	.080
Z-641	.001	.380	.128	.100	.080
Z-642	.0015	.380	.131	.102	.081
Z-643	.002	.380	.135	.105	.084
Z-644	.0022	.380	.135	.105	.084
Z-645	.003	.380	.140	.109	.087
Z-646	.0033	.380	.142	.110	.088
Z-647	.004	.380	.146	.114	.091
Z-648	.0047	.380	.153	.119	.095
Z-649	.005	.380	.164	.128	.102
Z-650	.006	.380	.164	.128	.102
Z-651	.0068	.380	.164	.128	.102
Z-652	.007	.410	.182	.142	.113
Z-653	.0075	.410	.182	.142	.113
Z-654	.008	.410	.182	.142	.113
Z-655	.01	.410	.182	.142	.113
Z-656	.015	.410	.205	.159	.127
Z-657	.02	.410	.223	.173	.139
Z-658	.022	.410	.232	.180	.144
Z-659	.025	.320	.241	.187	.150
Z-660	.03	.410	.259	.201	.161
Z-661	.033	.410	.270	.210	.168
Z-662	.04	.410	.370	.290	.230
Z-663	.05	.410	.299	.2	

TWIST PRONG CAPACITORS

CORNELL DUBILIER



TYPES
AO-BO-CO-00

AEROVOX TYPE



AFH

SPRAGUE TYPE



TVL

MALLORY TYPES



FP-WP

CAPACITORS SIZE CHART

Average Shpg. wt., 8 oz.

Code	Dia. X H	Code	Dia. X H	Code	Dia. X H
A	3/4" x2"	G	1" x3 3/8"	M	1 3/8" x3 1/2"
B	3/4" x2 1/2"	H	1" x4"	N	1 3/8" x3 3/8"
C	1" x2"	I	1" x4 1/8"	P	1 3/8" x4"
D	1" x2 1/2"	J	1 3/8" x2"	Q	1 3/8" x4 1/8"
E	1" x3"	K	1 3/8" x2 1/2"	R	1 3/8" x5"
F	1" x3 1/2"	L	1 3/8" x3"		

Because no one manufacturer makes all sizes, we have made this integrated list, that is much more comprehensive than other electronic jobbers. Orders will be filled with one of the 4 famous brands listed above. Types with * are for high surge selenium circuits. Average shpg. wt., 8 oz.

ATTENTION INDUSTRIALS QUANTITY PRICES

On quantities of any item on this page (not assorted), you may deduct the following discounts from prices below:

25 of 1 type	deduct 33 1/3%
50 of 1 type	deduct 50%
100 of 1 type	deduct 60%

SINGLE SECTION					SINGLE SECTION					SINGLE SECTION					SINGLE SECTION										
Stock No.	Mfd.	DCWV	Size	Net	Stock No.	Mfd.	DCWV	Size	Net	Stock No.	Mfd.	DCWV	Size	Net	Stock No.	Mfd.	DCWV	Size	Net	Stock No.	Mfd.	DCWV	Size	Net	
Z-802	2000	6	J	1.79	Z-820	50	150	C	.97	Z-836*	150	250	K	1.82	Z-851	20	450	C	1.06	Z-852	30	450	D	1.15	
Z-785	225	15	A	1.03	Z-821*	80	150	C	1.09	Z-837*	200	250	L	2.15	Z-853	40	450	E	1.20	Z-854	50	450	G	1.38	
Z-804	1000	15	D	1.50	Z-822*	100	150	D	1.17	Z-838*	80	300	E	1.50	Z-855	60	450	K	1.59	Z-856	80	450	L	1.79	
Z-805	2000	15	K	2.03	Z-823	120	150	J	1.20	Z-839	100	300	L	1.70	Z-857	100	450	L	2.03	Z-858	125	450	Q	2.32	
Z-806	3000	15	L	2.50	Z-824	140	150	E	1.26	Z-792	100	300	G	1.70	Z-1199	300	450		1.15						
Z-786	4000	15	M	2.20	Z-787*	120	150	D	1.23	Z-793	125	300	M	2.06	Z-859	40	475	J	1.47						
Z-807	40	25	A	.79	Z-788	150	150	E	1.26	Z-1198	200	300	K	2.53	Z-860	10	500	C	.94						
Z-809	500	25	C	1.50	Z-825*	150	150	E	1.26	Z-794	250	300	P	3.26	Z-861*	20	500	D	1.09						
Z-810	1000	25	J	2.09	Z-826*	200	150	K	1.44	Z-842	30	350	C	1.12	Z-862*	30	500	E	1.20						
Z-811	4	50	A	.91	Z-789*	200	150	G	1.44	Z-843	40	350	D	1.18	Z-863	40	500	G	1.47						
Z-812	100	50	A	.97	Z-827*	300	150	L	1.65	Z-844	50	350	E	1.23	Z-864	50	500	N	2.12						
Z-813	150	50	C	1.06	Z-790*	120	200	J	1.26	Z-845	60	350	E	1.29	Z-865	80	500	N	2.12						
Z-814	500	50	J	1.56	Z-791	160	200	L	1.70	Z-846*	80	350	K	1.68											
Z-815	1000	50	N	2.20	Z-829	20	250	A	.94	Z-847*	125	350	L	2.14											
Z-816	1500	50	Q	2.59	Z-831*	40	250	C	1.06	Z-795*	150	350	N	2.32											
Z-818	30	150	A	.91	Z-835*	100	250	F	1.59	Z-849	10	450	C	.91											

DUAL SECTION					DUAL SECTION					DUAL SECTION					DUAL SECTION									
Stock No.	Cap. Mfd.	DCWV	Size	Net Each	Stock No.	Cap. Mfd.	DCWV	Size	Net Each	Stock No.	Cap. Mfd.	DCWV	Size	Net Each	Stock No.	Cap. Mfd.	DCWV	Size	Net Each	Stock No.	Cap. Mfd.	DCWV	Size	Net Each
Z-880	100-150	250-50	L	2.15	Z-899	80-80	400	Q	2.91	Z-916*	80-40	150	D	1.32	Z-955	40-20	450	K	1.76					
Z-923	20-20	250	C	1.12	Z-942	120-40	400	Q	3.09	Z-872	80-50	150	D	1.41	Z-956	40-40	450	L	2.03					
Z-924*	40-40	250	E	1.47	Z-977	10-20	450-25	C	1.00	Z-873*	80-80	150	J	1.56	Z-958	50-50	450	L	2.26					
Z-881*	200-200	250	Q	3.59	Z-978	40-100	450-50	F	1.76	Z-918*	125-100	150	K	2.06	Z-984	60-20	450	L	2.09					
Z-884	150-100	300-150	N	2.63	Z-900	250-1000	10-6	J	1.69	Z-874	150-80	150	K	1.79	Z-959	60-40	450	N	2.32					
Z-885	40-30	300	E	1.56	Z-901	1000-1000	15	G	2.59	Z-920	200-5	150	L	1.59	Z-961	80-10	450	L	2.14					
Z-930	80-80	300	L	2.38	Z-866	1000-1000	15	K	2.59	Z-922*	200-200	150	N	2.35	Z-962	80-20	450	N	2.31					
Z-931	120-20	300	L	2.35	Z-867	500-100	20	C	1.82	Z-876	60-60	200	E	2.00	Z-963	80-30	450	P	2.47					
Z-1418	120-40	300	L	2.62	Z-903	50-50	50	C	1.00	Z-877	60-60	200	J	1.50	Z-964	80-40	450	N	2.56					
Z-933	15-15	350	C	1.32	Z-904	100-100	50	C	1.23	Z-878*	100-100	200	L	2.06	Z-985	100-40	450	Q	2.85					
Z-936	30-30	350	E	1.70	Z-906*	20-20	150	C	1.00	Z-879*	200-5	200	K	1.79	Z-986	20-100	475-400	Q	2.65					
Z-887	50-30	350	K	1.85	Z-907	30-20	150	C	1.26	Z-980	80-100	450-50	N	2.20	Z-967	15-15	475	D	1.38					
Z-888	60-30	350	L	1.85	Z-908	30-30	150	C	1.09	Z-981	30-200	450-150	L	2.06	Z-969	30-10	475	J	1.59					
Z-889	80-20	350	K	2.06	Z-909	40-20	150	C	1.06	Z-944	20-50	450-250	E	1.65	Z-975	80-50	475	Q	3.06					
Z-891	80-40	350	L	2.32	Z-910	40-30	150	C	1.09	Z-947	40-10	450-350	J	1.59	Z-987	10-10	500	D	1.20					
Z-937	80-80	350	N	2.76	Z-911*	40-40	150	C	1.12	Z-983	5-5	450	C	1.03	Z-988	20-20	500	K	1.68					
Z-893	100-60	350	K	2.82	Z-912	50-30	150	C	1.18	Z-948	10-10	450	C	1.12	Z-989	30-10	500	K	1.68					
Z-894	100-100	350	Q	3.62	Z-913*	50-50	150	D	1.26	Z-951	20-10	450	D	1.32	Z-990	30-30	500	L	1.91					
Z-895	160-10	350	N	2.53	Z-914*	60-60	150	E	1.38	Z-952	20-20	450	E	1.50	Z-991	40-40	500	N	2.59					
Z-896	100-30	400-50	L	2.29	Z-871	70-30	150	D	1.29	Z-953	30-10	450	E	1.47	Z-992	60-40	500	N	2.70					
Z-897	80-80	400-200	M	2.32	Z-915	75-75	150	E	1.53	Z-954	30-30	450	K	1.79										

TRIPLE SECTION					TRIPLE SECTION					TRIPLE SECTION					TRIPLE SECTION									
Stock No.	Cap. Mfd.	DCWV	Size	Net	Stock No.	Cap. Mfd.	DCWV	Size	Net	Stock No.	Cap. Mfd.	DCWV	Size	Net	Stock No.	Cap. Mfd.	DCWV	Size	Net	Stock No.	Cap. Mfd.	DCWV	Size	Net
Z-1000	20-20-20	25	C	1.15	Z-1140	140-10-200	300-300-150	Q	3.23	Z-1173	30-10-150	450-450-50	K	2.06										
Z-1001	40-40-40	25	C	1.26	Z-1421	100-200-60	300-150-150	L	3.00	Z-1174	35-25-100	450-450-50	L	3.02										
Z-1003	15-15-1200	150-150-2	C	1.76	Z-1142	80-40-40	300	L	2.79	Z-1425	40-10-40	450-450-50	K	2.85										
Z-1004*	80-30-300	150-150-10	J	1.85	Z-1143	20-50-100	350-100-75	E	1.82	Z-1083	40-40-100	450-450-50	N	2.53										
Z-994*	80-60-250	150-150-10	K	2.00	Z-1145	60-200-30	350-150-150	N	2.59	Z-1084	60-40-75	450-450-50	N	2.70										
Z-995*	100-80-200	150-150-10	K	2.12	Z-1146	125-5-100	350-200-75	N	3.12	Z-1176	80-20-100	450-450-50	Q	2.82										
Z-1011*	40-40-20	150-150-25	C	1.41	Z-1036	30-30-20	350-300-25	E	1.85	Z-1086	40-10-80	450-450-200	L	2.29										
Z-1012	40-40-200	150-150-25	E	1.65	Z-1039	15-10-20	350-350-25	C	1.47	Z-1177	40-40-60	450-450-200	N	2.62										
Z-996*	40-40-250	150-150-25	E	1.85	Z-1041	20-10-20	350-350-25	C	1.50	Z-1087	40-40-100	450-450-200	P	2.91										
Z-997	50-30-20	150-150-25	D	1.47	Z-1042	20-20-20	350-350-25	D	1.65	Z-1178	40-40-80	450-450-350	Q	3.26										
Z-1013	50-30-100	150-150-25	D	1.59	Z-1043	30-20-20	350-350-25	E	1.76	Z-1179	50-5-50	450-450-350	N	2.50										
Z-1014	50-50-20	150-150-25	D	1.56	Z-1148	30-30-20	350-350-25	J	2.00	Z-1090	10-10-10	450	D	1.53										
Z-998	80-40-20	150-150-25	D	1.65	Z-1148	30-30-20	350-350-25	J	2.00	Z-1180	15-15-15	450	E	1.82										
Z-999*	80-40-300	150-150-25	K	2.18	Z-1422	80-40-100	350-350-200	L	3.19	Z-1092	20-10-10	450	E	1.73										
Z-1015*	20-20-20	150	C	1.35	Z-1152	100-																		

QUADRUPLE SECTION TWIST PRONG

QUADRUPLE SECTIONS

QUADRUPLE SECTIONS

QUADRUPLE SECTIONS

Stock No.	Cap. Mfd.	DCWV	Size	Net Each	Stock No.	Cap. Mfd.	DCWV	Size	Net Each	Stock No.	Cap. Mfd.	DCWV	Size	Net Each
Z-1201*	20-20-160-40	150-150-25-25	J	1.88	Z-1331	60-30-30-150	350-350-350-50	L	3.23	Z-1382	80-40-40-40	450-450-450-25	P	3.79
Z-1292	50-40-160-40	150-150-25-25	J	2.09	Z-1332	70-40-10-50	350-350-350-50	L	3.09	Z-1256	20-20-10-10	450-450-450-50	L	2.67
Z-1293	40-40-20-200	150-150-150-10	J	1.91	Z-1333	100-10-10-20	350-350-350-50	L	3.03	Z-1257	30-30-15-30	450-450-450-50	L	2.67
Z-1204	60-40-20-200	150-150-150-10	J	2.06	Z-1334	100-20-10-20	350-350-350-50	M	3.17	Z-1258	40-40-10-25	450-450-450-50	N	2.76
Z-1206	40-40-30-20	150-150-150-25	J	1.82	Z-1337	30-20-5-100	350-350-350-200	L	2.76	Z-1384	40-40-10-50	450-450-450-50	N	2.82
Z-1295	40-40-30-20	150-150-150-25	J	1.85	Z-1433	30-10-5-100	350-350-350-200	J	2.59	Z-1260	40-40-10-100	450-450-450-100	N	3.15
Z-1207	50-20-20-200	150-150-150-25	J	3.10	Z-1339	40-40-40-40	350	N	3.22	Z-1385	60-10-10-20	450-450-450-150	L	2.70
Z-1297	50-30-30-100	150-150-150-25	J	2.03	Z-1429	90-40-30-30	350	L	3.91	Z-1264	5-5-5-5	450	J	1.76
Z-1208	50-50-50-20	150-150-150-25	J	2.09	Z-1435	40-20-20-10	350	K	2.58	Z-1265	10-10-10-10	450	J	1.97
Z-1210	80-40-40-20	150-150-150-25	J	2.09	Z-1340	80-60-40-20	350	P	3.76	Z-1266	20-10-10-10	450	K	2.18
Z-1298	80-40-40-40	150-150-150-25	J	2.12	Z-1426	20-80-100-25	400-350-200-50	P	3.53	Z-1267	20-20-20-20	450	L	2.76
Z-1211	80-40-40-100	150-150-150-25	K	2.20	Z-1427	40-80-100-25	400-350-200-50	Q	3.50	Z-1268	30-15-15-15	450	L	2.62
Z-1300	200-200-100-10	150-150-150-75	L	3.50	Z-1346	100-10-30-20	400-400-50-50	N	3.00	Z-1270	30-30-20-20	450	N	3.06
Z-1301	40-40-40-30	150	K	1.97	Z-1348	100-10-20-20	400-400-350-50	J	3.20	Z-1272	35-35-10-5	450	N	2.73
Z-1216	100-40-10-100	250-250-250-50	Q	3.04	Z-1356	80-40-10-20	400-400-400-25	N	3.12	Z-1388	40-10-10-10	450	L	2.44
Z-1431	10-200-200-30	300-150-150-150	P	3.15	Z-1357	80-40-10-100	400-400-400-200	Q	3.70	Z-1273	40-20-10-10	450	L	2.62
Z-1309	100-10-200-30	300-300-150-150	R	3.47	Z-1358	80-40-30-40	400-400-400-25	Q	3.50	Z-1389	40-35-10-10	450	L	2.82
Z-1220	200-20-100-20	300-250-50-25	R	3.41	Z-1360	80-40-30-4	400-400-400-350	P	3.47	Z-1390	40-40-4-4	450	N	2.76
Z-1311	40-20-20-25	300-300-300-25	J	2.35	Z-1361	50-40-30-20	400	Q	3.23	Z-1274	40-40-20-20	450	Q	2.26
Z-1312	60-40-20-50	300-300-300-25	L	2.73	Z-1364	20-80-20-50	450-200-200-50	L	2.44	Z-1391	40-40-30-30	450	Q	3.56
Z-1313	120-40-40-10	300-300-300-250	Q	3.62	Z-1236	25-100-10-60	450-300-300-50	L	3.12	Z-1392	40-40-40-40	450	R	3.79
Z-1430	40-40-30-20	300	L	2.85	Z-1237	40-40-40-20	450-300-300-150	L	2.88	Z-1393	60-20-20-20	450	Q	3.32
Z-1436	200-20-20-20	300	P	3.62	Z-1240	10-60-40-25	450-350-350-25	N	2.70	Z-1395	80-10-10-10	450	N	2.97
Z-1314	40-20-10-10	300	J	2.32	Z-1368	80-10-40-30	450-400-300-300	Q	3.41	Z-1396	40-40-50-80	475-250-150-50	N	2.94
Z-1315	40-40-20-10	300	K	2.67	Z-1242	20-15-20-20	450-450-25-25	J	2.09	Z-1275	20-40-100-80	475-300-50-25	L	2.63
Z-1321*	160-60-10-4	350-300-300-300	Q	5.41	Z-1370	20-20-20-20	450-450-25-25	J	2.44	Z-1397	20-80-20-10	475-300-300-300	M	2.94
Z-1322	60-4-100-40	350-350-25-25	K	2.23	Z-1244	10-10-60-100	450-450-200-50	L	2.26	Z-1398	10-100-10-100	475-300-300-25	M	2.88
Z-1323	60-100-60-40	350-350-200-75	Q	3.84	Z-1373	40-40-100-60	450-450-200-200	Q	3.56	Z-1434	10-40-4-100	475-400-350-50	K	2.38
Z-1324	60-40-60-20	350-350-200-150	M	2.97	Z-1246	40-40-30-30	450-450-350-350	Q	3.47	Z-1277	10-60-30-125	475-450-400-50	Q	3.20
Z-1325	60-40-60-20	350-350-250-150	N	3.17	Z-1374	10-10-10-20	450-450-450-25	J	1.85	Z-1278	10-50-30-30	475-450-450-25	N	2.79
Z-1225	20-10-5-20	350-350-350-25	J	1.82	Z-1375	20-20-20-20	450-450-450-25	K	2.44	Z-1279	15-15-80-40	475-475-300-50	L	2.82
Z-1432	30-10-5-200	350-350-350-25	J	2.23	Z-1378	40-20-20-20	450-450-450-25	L	2.70	Z-1281	20-20-10-10	475-475-475-300	K	2.53
Z-1328	40-40-30-10	350-350-350-25	L	2.91	Z-1252	40-20-20-40	450-450-450-25	L	2.73	Z-1284	20-20-10-10	475	K	2.56
Z-1329	40-40-40-40	350-350-350-25	L	3.06	Z-1253	40-30-10-20	450-450-450-25	L	2.65	Z-1285	20-20-20-20	475	L	3.06
Z-1330	90-30-5-100	350-350-350-75	N	3.61	Z-1254	40-40-20-20	450-450-450-25	M	2.94	Z-1287	40-20-10-10	475	L	3.00
Z-1428	100-40-30-50	350-350-350-50	P	3.85	Z-1379	40-40-20-20	450-450-450-25	N	2.94	Z-1410	30-10-150-30	500-450-50-50	L	2.47
					Z-1375	40-40-40-40	450-450-450-25	N	3.23	Z-1417	40-40-8-8	500	N	3.35

CORNELL-DUBILIER "QUIETONE" FILTERS FOR SUPPRESSION OF RF INTERFERENCE



PLUG-IN TYPE

Type IF-18. Fig. A. An efficient all-wave capacitive-inductive type filter for use with all types of electrical appliances causing severe interference. Equipped with frame connection for reduction of radiation. Rating: 110V AC-DC, 5 amps. In bakelite case with cord and plug. Shpg. wt., 5 lbs. Net 5.41

Type IF-19. Fig. C. Capacitive-inductive type filter for all types of home appliances with severe interference. Frame connection provided for grounding. Rated 110V AC-DC, 5 amps in bakelite case with cord and plugs. Shpg. wt., 2 lbs. Net 4.53

Type IF-4. Fig. D. For use with small radio receivers for low or moderate intensity interference. Rated at 110V AC-DC, 5 amps. Connects to power line between radio plug and outlet. Shpg. wt., 8 oz. Net .73

Type IF-6. Fig. E. Plug-in type filter for interference conditions of moderately low intensity. Installed between power line and set or appliance. Has short lead to connect binding post and frame to reduce radiation. Rated 110V AC-DC, 5 amps. Shpg. wt., 8 oz. Net 1.15

WIRED-IN TYPE

IF-7A. Fig. B. Capacitive-inductive filter for severe interference from industrial and heavy duty electrical equipment. For single phase 110-220V AC-DC, 5 amps. Shpg. wt., 10 lbs. Net 8.08

IF-24. Fig. F. FLUORESCENT NOISE FILTER. Dual capacitive type filter for eliminating fluorescent noise. Easily mounted and connected by means of flexible leads. For 115V AC-DC. Shpg. wt., 8 oz. Net .73

IF-54. Fig. G. Capacitive-inductive filter for general purpose use in circuits up to 2 amperes current. Rated 110-220V AC-DC. Shpg. wt., 8 oz. Net 1.47

AEROVOX TYPE BE BI-ELECTRIC MYLAR TUBULARS



Radial Lead Mounting. Dual Bi-Electric won't leak or drip. Tolerance $\pm 10\%$ Operating Temp. Range 15-30°C to +100°C.

Stock No.	Cap. Mfd.	Size	1-24	25-49	50-99	100-249	Stock No.	Cap. Mfd.	Size	1-24	25-49	50-99	100-249
Z-440 001	600V. DCW	$\frac{1}{2} \times 1 \frac{1}{2} \times \frac{1}{2}$	.150	.101	.079	.063	Z-416 15	$\frac{3}{4} \times 1 \frac{1}{2} \times \frac{1}{2}$	.230	.171	.133	.106	
Z-441 0012		$\frac{1}{2} \times 1 \frac{1}{2} \times \frac{1}{2}$	.150	.104	.081	.064	Z-417 2	$\frac{3}{4} \times 1 \frac{1}{2} \times \frac{1}{2}$	.260	.194	.151	.120	
Z-442 0015		$\frac{1}{2} \times 1 \frac{1}{2} \times \frac{1}{2}$	.150	.104	.081	.064	Z-418 22	$\frac{3}{4} \times 1 \frac{1}{2} \times \frac{1}{2}$	.260	.203	.158	.126	
Z-443 0018		$\frac{1}{2} \times 1 \frac{1}{2} \times \frac{1}{2}$	.150	.104	.081	.064	Z-419 25	$\frac{1}{2} \times 1 \frac{1}{2} \times \frac{1}{2}$	.270	.209	.163	.130	
Z-444 002		$\frac{1}{2} \times 1 \frac{1}{2} \times \frac{1}{2}$	.150	.104	.081	.064	Z-420 33	$\frac{1}{2} \times 1 \frac{1}{2} \times \frac{1}{2}$	.290	.241	.187	.150	
Z-445 0022		$\frac{1}{2} \times 1 \frac{1}{2} \times \frac{1}{2}$	.150	.104	.081	.064	Z-421 47	$\frac{3}{4} \times 1 \frac{1}{2} \times \frac{1}{2}$	.320	.272	.212	.169	
Z-446 0025		$\frac{1}{2} \times 1 \frac{1}{2} \times \frac{1}{2}$	.150	.104	.081	.064	Z-422 5	$\frac{3}{4} \times 1 \frac{1}{2} \times \frac{1}{2}$	.320	.277	.215	.172	
Z-447 003		$\frac{3}{4} \times 1 \frac{1}{2} \times \frac{1}{2}$	.150	.104	.081	.064							
Z-448 0033		$\frac{3}{4} \times 1 \frac{1}{2} \times \frac{1}{2}$	.150	.104	.081	.064							
Z-449 0039		$\frac{3}{4} \times 1 \frac{1}{2} \times \frac{1}{2}$	.150	.104	.081	.064	Z-423 01	$\frac{3}{4} \times 1 \frac{1}{2} \times \frac{1}{2}$	.150	.101	.079	.063	
Z-450 004		$\frac{3}{4} \times 1 \frac{1}{2} \times \frac{1}{2}$	.150	.104	.081	.064	Z-424 015	$\frac{3}{4} \times 1 \frac{1}{2} \times \frac{1}{2}$	.150	.106	.082	.066	
Z-451 0047		$\frac{1}{2} \times 1 \frac{1}{2} \times \frac{1}{2}$	.150	.104	.081	.064	Z-425 02	$\frac{3}{4} \times 1 \frac{1}{2} \times \frac{1}{2}$	.170	.117	.091	.073	
Z-452 005		$\frac{1}{2} \times 1 \frac{1}{2} \times \frac{1}{2}$	.150	.104	.081	.064	Z-426 022	$\frac{3}{4} \times 1 \frac{1}{2} \times \frac{1}{2}$	.170	.122	.095	.077	
Z-453 006		$\frac{1}{2} \times 1 \frac{1}{2} \times \frac{1}{2}$	.150	.106	.082	.066	Z-427 025	$\frac{3}{4} \times 1 \frac{1}{2} \times \frac{1}{2}$	.170	.124	.096	.077	
Z-454 0068		$\frac{1}{2} \times 1 \frac{1}{2} \times \frac{1}{2}$	.170	.108	.084	.067	Z-428 03	$\frac{3}{4} \times 1 \frac{1}{2} \times \frac{1}{2}$	.170	.128	.100	.080	
Z-455 007		$\frac{1}{2} \times 1 \frac{1}{2} \times \frac{1}{2}$	.170	.108	.084	.067	Z-429 033	$\frac{3}{4} \times 1 \frac{1}{2} \times \frac{1}{2}$	.170	.133	.103	.083	
Z-456 0075		$\frac{1}{2} \times 1 \frac{1}{2} \times \frac{1}{2}$	.170	.108	.084	.067	Z-430 04	$\frac{1}{2} \times 1 \frac{1}{2} \times \frac{1}{2}$	.200	.142	.110	.088	
Z-457 008		$\frac{1}{2} \times 1 \frac{1}{2} \times \frac{1}{2}$	.170	.108	.084	.067	Z-431 047	$\frac{1}{2} \times 1 \frac{1}{2} \times \frac{1}{2}$	.200	.146	.114	.091	
Z-458 0082		$\frac{1}{2} \times 1 \frac{1}{2} \times \frac{1}{2}$	.170	.108	.084	.067	Z-432 05	$\frac{1}{2} \times 1 \frac{1}{2} \times \frac{1}{2}$	.200	.149	.116	.092	
Z-459 01		$\frac{1}{2} \times 1 \frac{1}{2} \times \frac{1}{2}$	.170	.110	.086	.069	Z-433 068	$\frac{1}{2} \times 1 \frac{1}{2} \times \frac{1}{2}$	.230	.160	.124	.099	
Z-460 015		$\frac{1}{2} \times 1 \frac{1}{2} \times \frac{1}{2}$	.170	.115	.089	.071	Z-434 1	$\frac{1}{2} \times 1 \frac{1}{2} \times \frac{1}{2}$	.230	.176	.137	.109	
Z-461 018		$\frac{1}{2} \times 1 \frac{1}{2} \times \frac{1}{2$											

MEISSNER RADIO-TV-TRANSISTOR COILS-CHOKES

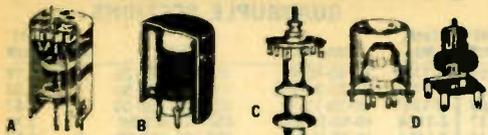


FIG. A — "PLASTIC" I.F. TRANSFORMERS

Trimmer base and coil form are moulded in one piece. Trimmers "floated" away from base with an air gap between the bottom plate and the plastic base. Wide range frequency adjustable either side of pre-set frequency, double-tuned. Metal shield can and Litz wire. Unaffected by temperature or humidity. Size: 1 1/4" square by 2 1/2" high. Shpg. wt., 4 oz.

Stock No.	Input Type	Net	KC	Stock No.	Output Type	Net
CO-229	16-6649	1.38	175	CO-230	16-6651	1.38
CO-231	16-6652	1.89	262	CO-232	16-6654	1.82
CO-233	16-6658	1.89	456	CO-234	16-6660	1.89

HI-Q IRON CORE "PLASTIC" I.F.'S

Stock No.	Type	Description	Net
CO-235	16-6662	Input, peaked at 455KC	1.89
CO-236	16-6663	Output, peaked at 455KC	1.89

FIG. B — STANDARD ANTENNA AND R.F. COILS

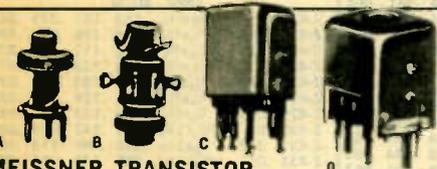
Designed to cover the broadcast band from 545 to 1580 KC (190-550 meters) with a 365 mmfd. tuning condenser. High impedance primaries, wound with Litz wire. Shielded coils are in black crackle finish, non magnetic can. 1 1/8" in diameter, 2 1/2" high. Shpg. wt., 4 oz.

Stock No.	Type	Description	Net
CO-202	14-1010	Unshielded ant. coil	1.47
CO-200	14-1004	Shielded ant. coil	1.47
CO-203	14-1011	Unshielded RF Coil	1.47
CO-201	14-1005	Shielded RF Coil	1.47

FIG. C — "UNIVERSAL ADJUSTABLE" UNSHIELDED COILS

Replace Broadcast band coils in most receivers, accurately track other coils when adjusted. Matches inductance of burned out coil with screwdriver adjustment. Oscillator coil adjustable from 175 to 520 kilocycles. For use with either cut plate or padding condenser circuits. Shpg. wt., 6 oz.

CO-204	type 14-1026—Ant.	2.05
CO-205	type 14-1027—R.F.	2.05
CO-206	type 14-1028—Osc.	1.72



MEISSNER TRANSISTOR OSCILLATOR COILS

Popular broadcast frequency coils for replacement purposes. CO-220 is 1/2 x 1/2 x 3/8"

Stock No.	Type	Fig.	Cap. uf	Tuning Induct uh	Oia.	Ht.	Net
CO-218	14-9004	B	365	140	1/4"	7/8"	1.72
CO-220	14-9006	C	78	248			3.77
CO-222	14-9010	B	82	262	3/8"	1 1/4"	1.58
CO-224	14-9012	A	59	346	1/2"	3/4"	2.20
CO-226	14-9014	B	98	207	1/4"	7/8"	1.58

MEISSNER RF CHOKES

Wound on specially treated dowels. Type with * are Fig. A shielded 7/8x1 1/8" sq. case; * are iron core 1" Lx1 1/8" diam; others are 3/8 Lx1 1/8" diam. Inductance (MH) is millihenries.

Stock No.	Type	Mh	Ma	Ohms	Net
CO-264	19-5584*	5.5	20	62	1.25
CO-265	19-5588*	8.0	30	77	1.25
CO-266	19-5592*	30.0	20	165	1.25
CO-267	19-5594*	60.0	16	318	1.76
CO-268	19-5596*	80.0	16	342	2.20
CO-259	19-1994	2.5	20	40	.95
CO-263	19-4551	5.5	20	58	.73
CO-276	19-2078	8.0	20	75	1.18
CO-275	19-8770	10.0	20	83	1.25
CO-259	19-1995	16.0	20	108	.95

Stock No.	Type	Mh	Ma	Ohms	Net
CO-260	19-2330	30.0	20	160	1.18
CO-262	19-3247	60.0	20	258	1.25
CO-261	19-2709	80.0	16	372	1.25
CO-269	19-6843#	2.5	20	22	.95
CO-270	19-6840#	10.0	20	50	1.11
CO-271	19-6842#	30.0	20	114	1.76
CO-272	19-6844#	60.0	12.5	247.5	1.88
CO-273	19-6846#	80.0	15	258	1.76
CO-274	19-6848#	125.0	75	330	2.05

MEISSNER COILS

FIG. D — OSCILLATOR COILS FOR 190-550 METER BC BAND

Used with 365 mmfd. cond. IF, RF, and Antenna coils. Shielded type. 1 3/4 x 1 1/2". All without padders except * with padder. Shpg. wt., 4 oz.

Stock No.	Meissner Type	Type	Freq. KC	Req'd. Padder	Price
CO-214	14-4242	Shielded	175	900 mmfd.	.95
CO-215	14-4243	Shielded	456	350 mmfd.	1.58
CO-212	14-3732	Unshielded	175	900 mmfd.	.95
CO-213	14-4034	Unshielded	456	350 mmfd.	1.58
CO-207	*14-1033	Unshielded	456	350 mmfd.	1.47

FIG. E — 3/4" PERMEABILITY TUNED I.F. COILS

Tuned top and bottom, powdered iron cores. Silvered mica condensers, molded plastic bases, etched aluminum cans. 3/4 x 3/4 x 2". With mounting clip and plate. *Spade bolt mtg. with leads. Shpg. wt., 4 oz.

Stock No.	Meissner Type	Function	Each
CO-240	16-6758	455 KC Input and Output	1.58
CO-241	16-6770	455 KC Output, with diode filter condenser	1.72
CO-238	16-6752	262 KC Input for auto receivers	1.89
CO-239	16-6754	262 KC Output for auto receivers, diode condenser	1.89
CO-228	16-3487	10.7 MC FM Input and Output	2.20
CO-237	16-6678*	455 KC AC-DC type Input or Output	2.20

FIG. F — MINIATURE ADJUSTABLE BROADCAST OSCILLATOR COIL

For Battery and 3-Way Portables

Small physical size. 1" x 3/8" and wide range of inductance adjustment. Ideal as replacement unit in most battery and 3-way portables. Inductance range allows use with gang condenser capacities of 108 to 180 mmfd. Allows accurate adjustment of inductance for proper calibration and tracking. Shpg. wt., 4 oz.

CO-211	Meissner Type 14-1074	1.32
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FIG. G — MINIATURE BROADCAST ANTENNA AND R.F. COILS

The small physical size, 1 1/2" x 1/2" and adjustable inductance make these coils ideally suited to replacement in compact circuits or where mounting or original coil is difficult to duplicate. Designed to cover the broadcast band with gang condensers having effective capacities of 280 to 420 mfd. Shpg. wt., 8 oz.

CO-208	Meissner 14-1071—Antenna	1.32
CO-209	Meissner 14-1072—RF	1.32

FIG. H — MINIATURE ADJUSTABLE BROADCAST OSCILLATOR COIL

Utilizes 100 mmfd. Capacity Interwinding. For use with 6SA7, 12SA7, 6BE6, 12BE6, 7Q7, and 14Q7 tubes in receivers having 455 KC Intermediate Frequency and with effective gang condenser capacities of 108 to 180 mmfd. in unpadding circuits, and 365 to 420 mmfd. in padded circuits. Adjustable iron core permits accurate adjustment for proper tracking and calibration. Its small size of 1" x 3/8" permits its use in the most compact circuits. Shpg. wt., 8 oz.

CO-210	Meissner 14-1073	1.32
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FIG. I — PHONO OSCILLATOR COIL FOR WIRELESS RECORD PLAYERS

Knob adjustment for selection of clear frequency in BC band. 1 1/2 sq. x 3 1/2" high. Shpg. wt., 6 oz.

CO-253	Meissner 17-9373	3.77
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BFO COIL

Supplies beat note for CW reception. Range 290-650 KC. Peaked at 456 KC. 1 1/2 sq. x 3 1/2" high. Shpg. wt., 8 oz.

CO-252	Meissner 17-6753	3.46
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FIG. J — "MINIATURE" ADJUSTABLE VIDEO PEAKING COILS

Permit "exact" screwdriver adjustment of frequency response in video amplifier stages by use of powdered iron cores. Mtg. by leads. 1 x 1/2". Shpg. wt., 4 oz.

Stock No.	Type	Inductance Range	Net
CO-254	19-1920	65-115 uh	.95
CO-255	19-1921	115-195 uh	.95
CO-256	19-1922	195-325 uh	1.10
CO-257	19-1923	325-500 uh	1.18

MEISSNER TRANSISTOR I.F. TRANSFORMERS (FIG. O)

Permeability tuned, lug mounted miniature IF transformers. All are for 455 KC except * 262 KC. All units 1/2" square and 3/8" high, except † 3/4" high. App: A—input, S—output, J—interstage. Shpg. wt., 4 oz.

Stock No.	Type	IMPEDANCE			Net
		Pri	Sec	App.	
CO-242	16-9001*†	20000	600	AJS	4.41
CO-243	16-9002†	25000	600	AJS	2.20
CO-244	16-9003	10000	500	AJ	3.77
CO-245	16-9004	10000	1500	S	3.77
CO-246	16-9007	80000	25	A	2.83
CO-247	16-9008	30000	25	J	2.83
CO-248	16-9009	30000	1000	S	3.77
CO-249	16-9012	25000	250	A	3.77
CO-250	16-9013	20000	150	J	3.77
CO-251	16-9014	20000	1000	S	2.20

LAFAYETTE SERVICEMAN'S SPECIAL 455 KC UNIVERSAL I.F. TRANSFORMER FOR BROADCAST AND CITIZENS BAND

.59 • Only 3/4" Square

The most popular replacement I.F. ideal for experimenters. Exceptionally high gain powdered iron core, compression tuned, 455 KC midget I.F.—only 3/4" square by 1 1/8" high. For both input and output circuits. Supplied with mounting clip and adapter plate to replace both midget and larger size cans. Used in Lafayette HE-15B CB Transceiver. Shpg. wt., 4 ozs. MS-22 — Singly, each .59 Lots of 10 each .49

TRANSISTOR FERRITE ANTENNA COILS

Ferrite antenna coils for broadcast frequencies, having high Q for maximum signal pickup and energy transfer to transistor. Type 14-9015 is adjustable. Wt., 4 oz.

Stock No.	Type	Fig.	TUNING INDUCT. CAP. uf	INDUCT. uH	Size	Net
CO-216	14-9001	FF	98	880	3/8" x 3/4" x 2 3/8"	2.20
CO-217	14-9003	FR	365	240	1/2" dia. x 7" L	2.20
CO-219	14-9005	FF	123	667	3/8" x 3/4" x 3 1/4"	1.72
CO-221	14-9009	FR	165	506	3/8" dia. x 7" L	3.77
CO-223	14-9011	FR	73	1125	3/8" dia. x 5" L	3.15
CO-225	14-9013	FR	123	667	3/8" dia. x 5" L	2.20
CO-227	14-9015	IF	100-365	200-900	3/8" dia. x 2" L	1.58

TRANSISTOR ANTENNA RODS



Low loss ferrite core with a high Q. 2000 and 2004 have an inductance of 240 μ h. 2007 has inductance of 150-1,000 μ h. All cover a band of 540-1650KC. Shpg. wt., 4 oz.

Stock No.	Mfg. No.	Q @ 790K	Max. Tuning Cap.	Net
CO-16	2004	450	365 mmf.	1.91
CO-89	2007	500	365 mmf.	1.78
CO-90	2000	220	100-250 mmf	1.41

HIGH Q UNSHIELDED SHORT WAVE COILS

Adjustable Iron Core can be made to track with many types of variable condensers. For use with a 365 mfd tuning condenser. Oscillator coil is cathode tapped type and it is possible to achieve 3 point tracking when a .002 pad. is used. Shpg. wt., 3 oz.
CO-91 Type B5496C tapped osc. 455KC Net 1.62

TRANSISTOR I.F. TRANSFORMERS

Type 2041. These transformers have been designed for use with Raytheon Transistor Type CK760. They feature a tapped primary having an impedance near 25,000 ohms, and a secondary winding having an impedance near 600 ohms. 455 kc. Pri. 25K, Sec. 6000. Size: $\frac{1}{2}$ sq. x $\frac{3}{4}$ " high. Shpg. wt., 5 oz. CO-18 Net 2.06

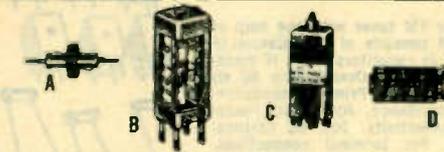


Fig. A - VIDEO PEAKING - FILAMENT CHOKE COILS

Video peaking coils designed to provide proper bandwidth and wave shape for video signals. Wound on plastic forms except shunt type wound over resistor forms. * Is filament choke; isolates filament to reduce feedback, stray coupling, etc. $\frac{3}{4}$ x $\frac{7}{8}$ " long. Peaking coils $\frac{1}{2}$ x $\frac{3}{8}$ " long. Avg. shpg. wt., 2 oz.

Stock No.	Type	Uh Shunt	No.	Type	Uh Shunt		
CO-25	6175*	0.8	None	CO-29	6179	180	39K
CO-19	6152	20	None	CO-30	6180	180	None
CO-26	6176	36	None	CO-21	6154	200	None
CO-23	6172	73	None	CO-24	6173	250	22K
CO-27	6177	93	None	CO-31	6181	250	None
CO-28	6178	120	22K	CO-22	6155	300	None
CO-20	6153	120	None	CO-85	6174	500	None

Any of above56

Fig. B - 44MC MINIATURE PICTURE I.F.'S

Permeability tuned. For intercarrier receivers of later design. Small physical size for use where space is lacking. Mounts with spring clip. Adapter plate furnished for tube socket hole. * have trap windings. $\frac{3}{4}$ x2". Avg. shpg. wt., 5 oz.

Stock No.	Type	Item	Net
CO-57	6230	Converter I.F.	1.62
CO-58	6231	44 MC 1st I. F.	1.62
CO-86	6232	42.5 MC 2nd I.F.	1.41
CO-59	6233*	45.5 MC 3rd I.F.	1.71
CO-60	6234*	44 MC 4th I.F.	1.32

Fig. C - 21.25 MC TV SOUND I.F. TRANSFORMERS

Permeability tuned. For use in TV receivers using separate sound and picture I.F. Channels. All double tuned, top and bottom. High gain and adequate bandwidth for high fidelity range. 6190 and 6191 are $\frac{7}{8}$ x $\frac{1}{2}$ x $\frac{1}{4}$ ". 6192 and 6184 are $1\frac{1}{2}$ x $1\frac{1}{2}$ x $\frac{1}{2}$ ". Avg. shpg. wt., 5 oz.

Stock No.	Type	Item	Net
CO-38	6190	1st Sound I.F.	1.78
CO-39	6191	2nd Sound I.F.	1.78
CO-40	6192	Foster-Seeley Discriminator	2.12
CO-34	6184	Ratio Detector	2.47

Fig. D - SYNC. STABILIZER COIL (Ringing Coil)

Wound on a 2" long bakelite form and unshielded. Mtg. clips fits a $\frac{3}{16}$ " hole. 16-42 MH, adjustable within a range containing the horizontal sweep frequency. May be used as stabilizer in a multi-vibrator circuit. Overall $\frac{3}{4}$ x2 $\frac{1}{4}$ ". Shpg. wt., 2 oz.
CO-52 Type 6210 Net 1.82

Fig. E - WIDTH LINEARITY CONTROL WITH A.G.C. WINDING

To add AGC to width circuit. Width coil 5-40 MH. AGC winding 2.5 - 7 MH. $\frac{3}{4}$ x2 $\frac{1}{4}$ ". Shpg. wt., 5 oz.
CO-75 Type 6316 Net 1.78

J. W. MILLER TRANSISTOR COILS

10.7 MC TRANSISTOR I.F. TRANSFORMERS

A complete series of IF Transformers specifically designed for operation with transistor in both standard and printed circuit units. Standard size: $\frac{3}{4}$ " sq. x 2" High. Printed circuit: $\frac{3}{4}$ " sq. x 2 $\frac{1}{4}$ " high.

STANDARD			
Stock No.	Type	Item	Net
CO-102	1601	First IF	2.23
CO-103	1602	Second IF	2.32
CO-104	1603	Third IF	2.32
CO-105	1604	Discriminator	2.50
CO-106	1605	Ratio Detector with diodes	4.70
CO-107	1606	Ratio Detector	2.29

PRINTED CIRCUIT			
Stock No.	Type	Item	Net
CO-108	1601-PC	First IF	2.23
CO-109	1602-PC	Second IF	2.32
CO-110	1603-PC	Third IF	2.32
CO-111	1605-PC	Ratio Detector with diodes	4.70
CO-112	1606-PC	Ratio Detector	2.29

SUBMINIATURE STYLE

Single tuned IF's and double tuned ratio detector. Size: I.F.— $\frac{1}{2}$ " sq. x $\frac{1}{2}$ " high—Size: ratio detector— $\frac{1}{2}$ "x $\frac{3}{4}$ "x $\frac{1}{2}$ " high.

Stock No.	Type	Item	Net
CO-113	2070	First IF	2.20
CO-114	2071	Second IF	2.20
CO-115	2072	Third IF	2.20
CO-116	2073	Ratio Detector	2.65

MILLER T.V. COILS



Fig. F - 4.5 MC INTERCARRIER SOUND I.F. COMPONENTS

Fits the popular Intercarrier sound TV receivers. Iron core tuning and Hi-Q no-drift capacitors are used throughout. Aluminum shields except *. Top and bottom tuning. Mounting by 6-32 spade bolts. 1469 is used to remove 4.5 MC signal from output of sound detector or plate of video amp. 1470 may be inserted in any part of circuit to attenuate a 4.5 MC signal. Shpg. wt., 5 oz.

Stock No.	Type	Item	Net
CO-10	1466	Input or Interstage	1.94
CO-11	1467	Foster-Seeley Discriminator	2.28
CO-12	1468	Ratio Detector	2.41
CO-13	1469*	Sound Pick-Off	.97
CO-14	1470*	Sound Trap	.97
CO-15	1470-A	Sound Trap	1.23

4.5 MC MINIATURE I.F.

Similar to above but only $\frac{3}{4}$ " square by 2" high. With mounting clip and adapter plate for use in standard tube socket hole.

Stock No.	Type	Item	Net
CO-49	6203	Input or Interstage	1.94
CO-50	6204	Discriminator	2.20
CO-51	6205	Ratio Detector	2.20

Fig. G - HORIZONTAL OSC. AND SYNC. CONTROL COILS

Permeability tuned - for use in horizontal osc. and AFC circuits. Aluminum case. No. 6194 has two coupled windings: one tapped, for use in horizontal osc. circuit; the second center-tapped for phase discrimination. No. 6182 has a tapped osc. coil for use in a horizontal blocking osc. and as sync. control. No. 6183 is same as 6182 but has additional winding for sync. stabilization. Av. shpg. wt., 5 oz.

Stock No.	Type	Item	Net
CO-41	No. 6194	Horiz. Osc. & Discriminator	2.00
CO-32	No. 6182	Horiz. Osc. & Sync. Control	1.62
CO-33	No. 6183	Horiz. Osc. & Sync. Stabilizer	2.06

Fig. H - "40 MC" TV PICTURE I.F.'S

For sets with picture I.F. carrier at 41.25 and intercarrier I.F. at 4.5 MC. All shielded except *. Range 41.75 to 45.75 MC. $\frac{1}{2}$ have trap windings. $\frac{7}{8}$ x $\frac{1}{2}$ x $\frac{1}{4}$ " except 6219 $\frac{1}{2}$ " O.D. $1\frac{1}{2}$ ". Avg. shpg. wt., 5 oz.

Stock No.	Type	Item	Net
CO-53	6215	Converter I.F.	1.78
CO-87	6216*	1st Pix I.F. Grid	2.12
CO-54	6217*	1st Pix I.F. Plate	2.12
CO-55	6218*	2nd Pix I.F. Grid	2.00
CO-56	6219*	3rd, 4th and 5th Pix I.F.	.87



FM STEREO MULTIPLEX INDUCTORS

For use in FM Stereo Multiplex tuners and receivers, both standard and printed circuit. Size: $\frac{3}{4}$ " sq. x $1\frac{1}{2}$ " high. Shpg. wt., 4 oz.

STANDARD			
Stock No.	Type	Item	Net
CO-92	1351	Low Pass Filter	1.91
CO-93	1352	Band Pass Filter Series Element	1.76
CO-94	1353	Band Pass Filter Shunt Element	1.78
CO-95	1354	Locked Oscillator 19Kc	1.82
CO-96	1355	Output Transformer 38Kc	2.20

PRINTED CIRCUIT			
Stock No.	Type	Item	Net
CO-97	1351-PC	Low Pass Filter	1.91
CO-98	1352-PC	Band Pass Filter Series Element	1.76
CO-99	1353-PC	Band Pass Filter Shunt Element	1.76
CO-100	1354-PC	Locked Oscillator 19Kc	1.82
CO-101	1355-PC	Output Transformer 38Kc	2.20

TRANSISTOR OSCILLATOR COIL

Type 2020. For use with a transistor to supply the local oscillator energy to the mixer stage. Used with a variable capacitor having a maximum capacity of 365 mmd. For intermediate frequency 455 kc with broadcast band 540-1650 kc. Padder .0004 mmd. Mounting clip fits into a $\frac{3}{16}$ " diameter hole. Size: $\frac{3}{8}$ " diam. x $1\frac{1}{4}$ " high. Shpg. CO-17 wt., 3 oz. Net 1.82



Exact Replacement Color TV Components

These series of components are intended as exact replacements in various models of color TV that RCA has produced. Shpg. wt., 6 oz.

Stock No.	Miller No.	RCA No.	Use	Net
CO-117	6021	78887	Chroma Band Pass Trans.	2.06
CO-118	6022	78888	Chroma Band Pass Coil	1.50
CO-119	6023	100431/78886	Burst Transformer	3.23
CO-120	6024	78889	3.58 MC Trap	2.99
CO-121	6025	100430	Sync. & Phase	4.70
CO-122	6026	78891	Chroma Reference Osc.	3.23
CO-123	6027		3.58 MC Trap	1.62
CO-124	6028		3.58 MC Chroma Sync. Take Off	1.62
CO-125	6029-R	1107853-1/105213	First Chroma	3.88
CO-126	6030-R	1107864-1/105214	Burst Amp.	2.47
CO-127	6031-R	106385	Video IF	1.18
CO-128	6032-R	106386	Video IF	1.23
CO-129	6033-R	10785-6-1/106387	Video IF	1.23
CO-130	6034-R	105292	Video IF	1.08
CO-131	6035-R	105293	Video IF	1.06
CO-132	6036-R	105294/1107858-1	Video IF and Trap	4.23
CO-133	6337-R	102195	Horiz. Waveform	1.18
CO-134	6338-R	105196	Horiz. Linearity	1.94
CO-135	7105-R	105286	4.5 MC Sound IF	1.18
CO-136	7106-R	105287	4.5 MC Sound IF	2.94
CO-137	7107-R	105288	4.5 MC Quadrature	1.76
CO-138	7108-R	106381	4.5 MC Sound IF	1.28
CO-139	7109-R	106382	4.5 MC Sound IF	3.00
CO-140	7110-R	106383	4.5 MC Quadrature	2.00

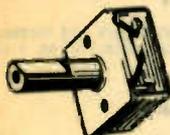
Fig. I - HORIZONTAL LINEARITY AND WIDTH CONTROLS

Iron core variable inductance coils for linearity and width adjustment. Wound on a bakelite form $\frac{3}{8}$ " in diameter. Mtg. clip fits $\frac{3}{16}$ " hole. 6300's—phenolic form. Avg. shpg. wt., 4 oz.

Stock No.	Type	Millihenries	Net
CO-42	6195	.185-1.000	.87
CO-43	6196	.054-0.245	.92
CO-44	6196-A	.054-.50	Tapped .94
CO-45	6197	.550-2.300	Tapped .94
CO-46	6198	.170-0.610	Tapped .82
CO-47	6199-A	1.300-4.100	Tapped 1.00
CO-48	6199-B	.500-1.700	.97
CO-72	6313	.50-5.0	1.29
CO-73	6314	2.0-18	1.21
CO-74	6315	4.0-30	1.29
CO-75	6316	4.0-30	With AGC 1.76
CO-77	6317	3.2-9.0	With AGC 1.62
CO-78	6318	.20-3.0	1.09
CO-79	6319	15-60	1.62
CO-80	6320	.20-3.0	Tapped 1.12
CO-81	6321	1.0-5.0	Tapped 1.29
CO-82	6322	1.5-10	1.21
CO-83	6323	50-5.0	Tapped 1.12
CO-84	6324	60-130	Tapped 1.62

LAFAYETTE EXCLUSIVE MINIATURE RECEIVER COMPONENTS

POLY-VARI-CON MIDGET VARIABLE CONDENSERS



POLY-VARI-CON 2-GANG SUPERHET VARIABLE CONDENSER (Fig. A)
 • Only $\frac{1}{8}$ x $\frac{3}{4}$ " Sq.!

FIG. A

FIG. B



Two-gang midget variable gives top performance in transistor superheterodyne radio receiver circuits. Capacitance of antenna section 6.5 to 148.5 mmf., and 6.5 to 65.2 mmf capacitance of oscillator section. Self-contained trimmers. Tunes through 180° Enclosed in transparent plastic case. With 3 solder leads. Shpg. wt., 4 oz. Imported.

MS-947 Net .95

POLY-VARI-CON SINGLE GANG VARIABLE CONDENSER (Fig. B)

• Only $\frac{3}{8}$ x $\frac{3}{4}$ " Sq.!
 Single-gang midget variable for efficient TRF radio receiver circuits. Capacity —8mmf to 260 mmf. Tunes through 180° Transparent plastic case with 2 solder leads. Shpg. wt., 4 oz. Imported

MS-946 Net 69

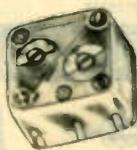
ATTRACTIVE TUNING DIAL FOR MINIATURE "POLY-VARI-CON" CONDENSER

1½" diam. Shpg. wt., 4 ozs. Imported
 KN-24 IVORY AND GOLD Net .45
 KN-25 MAROON AND SILVER Net .45

MINIATURE 2 GANG VARIABLE CONDENSER for JAPANESE TRANSISTOR RADIOS

- Perfect Replacement in Most Sets
- Size: 11/16x11/16x¼" Deep

The ideal variable tuning condenser for replacement in practically all of the current miniature Japanese transistor radios. The unusually small size of this variable permits it to be installed in the most compact radios. Easily mounted on printed circuit boards. Sturdy transparent plastic case protects delicate plates from any possible damage. Rotates through a full 180°.

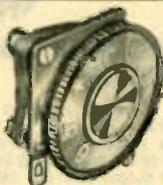


Trimmer adjustment on rear of case. Shpg. wt., 4 ozs. Imported
 MS-840 Net 1.95

SMALLEST TUNING CONDENSER—with DIAL

- 385 MMF.
- POLYETHYLENE DIELECTRIC
- ONLY 1" SQUARE, ¼" DEEP
- FOR TRANSISTOR & MINIATURE CIRCUITS

LAFAYETTE SPECIAL
.59



A new "Poly-Vari-Con" model for use in TRF broadcast-band and experimental receivers. Complete with good-looking clear plastic tuning dial with calibrations from 530 to 1600 KC. Capacity variable from 10 to 365 mmf. Knurled dial is 1¼" diam., rotation is 180°. Dial is mounted to condenser shaft by ¼" diam. chrome-plated threaded retainer. Shpg. wt., 5 oz. Imported
 MS-445 Net .59

TRANSISTOR LOOP ANTENNA AND OSCILLATOR COIL



MS-956 • FOR USE WITH 148.5 mmf CONDENSERS SUCH AS MS-947 POLY-VARI-CON

Especially designed to match the input impedance of the RF stage in transistor superheterodyne circuits. Requires maximum capacity of 148.5 mmf in RF section of variable condenser. Matched with the new midget 2-gang variable condenser MS-947 to give excellent sensitivity and selectivity over the entire broadcast band of 540-1650 KC. Wired on high efficiency iron core. 4" L x ¼" Dia. Shpg. wt., 4 ozs.
 MS-956 Net .95

MATCHING OSCILLATOR COIL

Designed for optimum performance with MS-947 variable condenser and MS-956 loopstick antenna. For 455 KC IF. Shpg. wt., 4 oz.
 MS-957 Net .79

TRANSISTOR TRF FERRITE LOOP ANTENNA



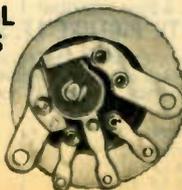
• FOR USE WITH 260 mmf VARIABLE CAPACITORS SUCH AS MS-946

Especially designed for exceptional sensitivity and selectivity when used with the Lafayette MS-946 midget single-gang Poly-Vari-Con variable capacitor. Excellent mate for all other 260 mmf variable capacitors. Wound on high efficiency iron core for optimum performance. 4" x ¼". Shpg. wt., 4 ozs.
 MS-955 Net .98

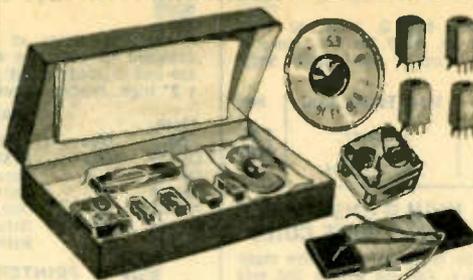
REPLACEMENT 5K VOLUME CONTROL FOR JAPANESE TRANSISTOR RADIOS

A volume control with the proper resistance, dimensions and mounting for replacement in almost all compact transistor radios. A 5,000 ohm potentiometer with S.P.S.T. switch. Only ¾" dia., ½" total depth. Easily installed in printed circuits. Comes with ¼" dia. knob. Shpg. wt., 2 ozs. Imported
 VC-62 Net .59

.59



ULTRA SUB-MINIATURE TRANSISTOR COIL KIT

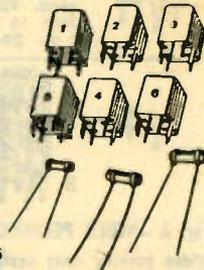


- Smallest 2 Gang Variable Ever Made!
- Size: 11/16" Square, ¼" Deep
- 3 I.F.'s and OSC: ¼" Square, ¼" High
- Ferrite Loop Antenna

345

All in one kit—a complete set of matched micro-miniature coils, ferrite loop antenna, ultra-compact 2 gang variable condenser, tuning dial and schematic diagram for building a subminiature 6 transistor radio. Kit includes: Shielded and impregnated high-Q 455 KC IF transformers and oscillator coil—all slug tuned. Proper impedances are provided for optimum circuit performance. Variable condenser has protective case and rear trimmer adjustment. Flat ferrite loop antenna measures: 2¼x¼x¼" thick. Clearly-printed circuit diagram indicates all parts necessary for a powerful 6 transistor receiver. Tuning dial and knob (1¼" dia.) fits securely on V.C. shaft.
 MS-828 Shpg. wt., of kit is 1 lb. Imported Net 3.45

NEW! 6 TRANSISTOR FM TUNER IF TRANSFORMER KIT



Build your own 6 transistor FM tuner with the help of this IF transformer kit. Kit consists of 5 miniature IF coil transformers with built in capacitors and 1 IF transformer with 3 external capacitors. Overall gain 60 db ± 3 db; center frequency, 10.7 MC. Primary impedance, 30,000 ohms, secondary impedance, 400 ohms. Foster Seelye detector; overall selectivity, 200 KC (detune). Treated against humidity. Pin terminal connections. Schematic included. Size: ¼"H x ¾"W x ¾"D. Shpg. wt., 2 oz. Imported
 MS-944 Net 2.95

MATCHED TRANSISTOR 455 KC I.F.'S

• FERRITE CORE — SLUG TUNED • ONLY ½" SQ. 9/16" H
 Products of the latest engineering research, these 455 KC transistor I.F. transformers are designed with improved ratios of primary to secondary turns and of capacity to inductance for perfect impedance matching. Exacting research has proven that matching 1st and 2nd I.F.'s having a primary impedance of 25,000 ohms and a secondary impedance of 600 ohms with a 3rd I.F. having a primary impedance of 25,000 ohms and a secondary impedance of 1,000 ohms gives vastly improved results in transistor superhet circuits. Lafayette is first to make these specially matched transistor 455 KC I.F. transformers available to you. Shpg. wt., 4 ozs.
 MS-268A 1st and 2nd I.F. primary impedance 25,000 ohms, secondary 600 ohms .89
 MS-269A 3rd I.F. primary impedance 25,000 ohms, secondary 1,000 ohms .89



TRANSISTOR LOOP ANTENNA AND OSC. COIL

A loop antenna with a primary inductance of 700 microhenry, especially designed with the proper tap to match the input impedance required in transistor circuits. Covers the entire broadcast band from 540-1650 KC when used with latest miniature type variable condensers such as used in G.E. Regency and other subminiature sets. (Lafayette MS-261 is ideal.) Requires maximum capacity of 123 mmf in RF section of variable condenser. Wound on high efficiency iron core 4" long x ¼" diam. Shpg. wt., 4 ozs.
 MS-264 Net .95 In lots of 6, Each .89
 MS-265 Matching Oscillator Coil. In lots of 6, Each .69 Singly, Each .79



MATCHED SET TRANSISTOR ANTENNA LOOP AND OSC. COIL

FOR USE WITH 365 MMF CONDS. MS-166 MS-165

A Transistor Loop Antenna with a fixed inductance loop; specially designed with ½" diameter Ferrite Rod to insure adequate signal to the first stage. Inductor is tapped to match an input impedance of 600 ohms. Frequency range 540-1650 KC. when used with variable condenser having a maximum capacity of 365 mmfd. Dimensions ¾"x1¼". Shpg. wt., 4 ozs.
 MS-166 Net 1.25

OSCILLATOR COIL

Designed for transistor circuits to supply the local oscillator energy to mixer stage. Intermediate frequency 455 Kc. Used with a variable condenser maximum capacity of 365 mmfd. Mounting clip fits into ¾" diameter hole. Dimensions ¾"x1¼" high. Shpg. wt., 4 ozs.
 MS-165 Net 69

LAFAYETTE SPECIALIZES IN MINIATURE PARTS FOR TRANSISTOR CIRCUITS



TRANSISTOR FLAT FERRITE TAPPED ANTENNA COIL — FOR USE WITH MINIATURE SETS



Size 2 3/4" L x 3/4" W x 3/16" Thick

FOR USE WITH 365 uuf VARIABLE CONDENSER

Small in size, 2 3/4" L x 3/4" W x 3/16" Thick, for miniature circuits. For use with 365 mmfd Variable Condensers, such as MS-142, MS-274 and MS-445. Inductance 230 μh. Shpg. wt., 4 oz.

MS-330 Transistor Antenna Coil Net .98

HIGH-GAIN LOOPSTICK ANTENNA



Give high gain across complete AM broadcast band from 540 to 1600 KC when tuned with standard 365 mmf tuning condenser.

A. VARI-LOOPSTICK. A revolutionary antenna development. An extremely small yet very powerful replacement antenna with a "Q" of 240-275. Boosts sensitivity and signal to noise ratio considerably in portable receivers. With adjustable ferrite core for maximum peaking efficiency and precise tracking on entire broadcast band. Single hole snap-in mounting, plus mounting bracket. Equally efficient at any angle. 2 1/4 x 3/4". Shpg. wt., 4 oz.

MS-11 In lots of 10. Each 36c
Singly, Each 39c

B. ENERGIZED FERRI-LOOPSTICK. New 5" ferrite rod loopstick antenna with a "Q" of up to 350. Extremely high gain brings in even distant stations not normally received. New type adjustable coil with self-locking vinyl collar permits peaking antenna for super sensitive results. 3/8 x 5". Shpg. wt., 6 oz.

MS-287 Net 88c

C. 7" SUPER LOOP. Super sensitive ferrite loopstick antenna with a "Q" of up to 425. Excellent for replacement of old style loops. Brings in even hard to get stations with incomparable ease. Adjustable for maximum sensitivity over length of 7 in. Complete with mount. Shpg. wt., 6 oz.

MS-44 Net 1.62

TRANSISTOR TAPPED VARIABLE ANTENNA COIL

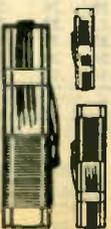


- BOOSTS SIGNAL PICKUP
- SUPER-SELECTIVE!

Transistor-wise Lafayette leads again with this new miniature tapped Variable Antenna Coil. Specially designed for matching the low input impedance of transistors. Results in maximum transfer of signal energy from tuning stage when used with 365 to 420 μmf variable capacitors, as well as in minimum loading by first transistor stage for sharper tuning and greater selectivity. Also improves selectivity and performance when used in multiple tuned RF stages. Highly sensitive with a "Q" of up to 250. With adjustable ferrite core for maximum peaking. Single-hole snap-in mounting, plus mounting bracket. Efficient at all angles. Size: 2x3/4" diam. Shpg. wt., 4 oz.

MS-299 Net 59c

FERRITE ANTENNA KIT All three for .79



- 3 ANTENNAS FOR TRANSISTOR RADIOS
- HIGH "Q" FOR TOP RECEPTION

Three sizes of flat ferrite antennas for the price of one! Each has a high inductance of 480 microhenries. Tapped leads are color coded. Designed to match most AM transistor radios. Matches tuning condenser sets. 167.5—8mmfd., osc. sect. 75.5mmfd.—8mmfd. Sizes: (1) 1 3/4 x 3/8 x 1/4" (2) 2 1/4 x 3/4 x 1/4" (3) 2 3/4 x 3/4 x 1/4". MS-488 Shpg. wt., 5 oz. Imported Net .79

TRANSISTOR POTENTIOMETERS DIME SIZE



3/8" Dia. Imported

For Transistor and Sub-Miniature Circuits

Versatile carbon controls for audio, tone and similar applications; specially designed for Transistor and Sub-miniature circuits. Only 3/8" diameter, Shaft 1" long 1/8" diameter. Shaft easily cut to desired length, includes nut and lock washer. Shpg. wt., 2 oz.

WITHOUT SWITCH

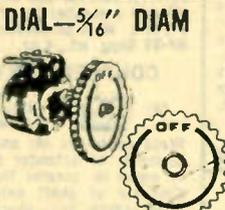
VC-32 1,000 ohms	VC-24 25,000 ohms	49c each
VC-33 5,000 ohms	VC-36 50,000 ohms	
VC-34 10,000 ohms	VC-37 1/2 Meg	Net 9c
VC-35 15,000 ohms	VC-38 1 Meg	
MS-185—Miniature Knob 3/8" Diam.		

WITH S.P.S.T. SWITCH

These Versatile Sub-Miniature Controls with S.P.S.T. switch ratings 1 amp at 20 Volts, 1/4 amp at 67 1/2 Volts. Control was especially designed for Transistor and Sub-Miniature applications; Bushing 1/4" diameter and 1/4" long, includes nut and lock washer. Only 3/8" diameter 3/16" deep, shaft 3/8" diameter, 1" long. Shaft can be cut to desired length.

VC-26 1,000 ohms	VC-25 25,000 ohms	69c each
VC-27 5,000 ohms	VC-31 50,000 ohms	
VC-28 10,000 ohms	VC-39 1/2 Meg.	Net 9c
VC-29 15,000 ohms	VC-40 1 Meg.	
MS-185—Miniature Knob 3/8" Diam.		

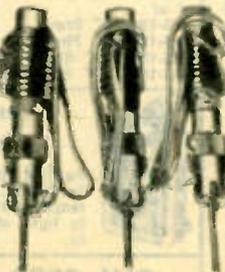
TRANSISTOR 5000 OHM POT WITH SWITCH, SLOTTED SHAFT and KNURED FLAT DIAL—5/16" DIAM



New 5,000 ohm, 5/16" diam. subminiature volume control with ON-OFF switch. Ideal for transistor kits! Neat knurled plastic dial etched with "OFF" press fitted into 1/4" L x 1/4" diam. slotted shaft. 1/2" body height, 1 1/4" L overall. Shpg. wt., 2 oz. VC-48 Complete with KN-23 Dial Net .81

TRANSISTOR ON-OFF VOLUME CONTROL DIAL Neat flat transparent dial color-etched with "OFF". Fits 5/16" diam. volume control slotted shafts. Knurled periphery for easy vertical or horizontal activation. 1" diam. x 1/8" thick. Can easily fit VC-26 thru VC-35 if slot is made in shaft. Imported Net .12c

KIT OF 3 MINIATURE ADJUSTABLE LOOPSTICKS

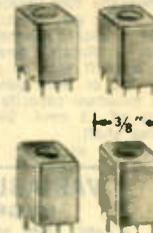


.89

- Nondirectional—Install in Any Position
- Pulls in Distant Radio Stations

Lafayette's kit of 3 miniature adjustable loopsticks pull in those distant radio stations with amazing ease and clarity. Has set-screw adjusting slug to obtain maximum loudness. May be installed in any position. Complete with instructions. Shpg. wt., 8 oz. Imported. MS-880 Set of 3 Net .89

MINIATURE AND SUB-MINIATURE TRANSFORMERS IDEAL REPLACEMENTS for JAPANESE 6-TRANSISTOR RADIOS



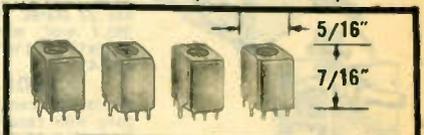
Slug tuned, printed circuit mounted miniature IF transformers. All have 455 KC intermediate frequency. Each with schematic and pin contacts. Shpg. wt., 6 oz. Imported

• ALL UNITS ONLY 3/8" SQ. AND 9/16" HIGH

MS-779 Oscillator Coil: inductance 270 μH	NET EACH .59
MS-780 1st IF: pri. 70,000 ohms, sec. 1500 ohms	
MS-781 2nd IF: pri. 50,000 ohms, sec. 1000 ohms	
MS-782 3rd IF: pri. 30,000 ohms, sec. 5000 ohms	

SUB-MINIATURE TRANSFORMERS

• ALL UNITS ONLY 5/16" SQ. AND 7/16" HIGH



MS-775 Oscillator Coil	NET EACH .69 Imported
MS-776 1st IF	
MS-777 2nd IF	
MS-778 3rd IF	

SUB-MINIATURE VARIABLE RESISTORS



Carbon composition potentiometers built for the most compact installations—in transistor and sub-miniature circuits. Ideal for printed circuits. Sh. wt., 2 oz. VC-57 1000 ohms VC-58 5K ohms VC-59 10K ohms VC-60 50K ohms VC-61 500K ohms Imported

ANTENNA COIL



Antenna Coil—Highly efficient ferrite antenna coil for Japanese superhet receivers. 437 microhenries, Q is 200 at 1000 kc. 2 3/4 x 1 1/2 x 3/4". Shpg. wt., 4 oz. MS-754 Imported Net .59

7" TRANSISTOR LOOP ANTENNA



Tapped to match input impedance of transistor circuits. Covers broadcast band with variable such as Laf. MS-261 and Laf. MS-265 oscillator coil. "Q" over 400. Ferrite core 7x1/2". Shpg. wt., 6 oz. MS-358 1.10

FERRITE ANTENNA CORES

- FERRIMIC Q RODS AND STRIPS!
- CUSTOM BUILD YOUR FERRITE ROD ANTENNAS!

Now you can wind your own ferrite rod antenna—to fit your own particular length, width and Q requirements. A real boon to the experimenter—builder—small lab.—design engineer. A necessity in attempting receiver miniaturization. Easily cut to any size required. Avg. shpg. wt., 4 oz. Net ea. 12 for

MS-331 Rod 7 1/2 x 1/4"	.30	3.24
MS-332 Rod 7 1/2 x 3/32"	.48	4.76
MS-333 Rod 7 1/2 x 1/2"	.65	6.98

LITZ WIRE

7/41 stranded per 100 ft. Shpg. wt., 8 oz. WR-417 Belden #8817 Net .29

SPECIALTY PARTS for the EXPERIMENTER, BUILDER and HAM

NEW LAFAYETTE VARIABLE TUNING CONDENSER FOR CB & 10 METER RIGS

• Used in Famous Lafayette HE-20A and HE-15A Transceivers

A single ganged, variable tuning condenser offering unlimited possibilities to the experimenter, ham, and hobbyist in building Citizen Band Transceivers and 10 Meter rigs. This condenser is used by Lafayette engineers in their famous HE-20A and HE-15A Transceivers. The unusually fine vernier action of the tuning shaft allows for the very precise adjustment needed to select the closely allotted channels of the 27 MC Citizen's Band frequencies. Rotates thru a full 180°. Single ganged, having a shaft with an overall length of 1 1/2 inches. Can be top or front panel mounted. Well constructed with a minimum capacity of 6.5 mmf, and a maximum capacity of 13 mmf. Dimensions 1 1/4" x 1 1/4" x 1 1/4" inches excluding shaft.

HP-72 Shpg. wt., 3 oz. Net 1.30



VARIABLE CONDENSERS

MIDGET 2 GANG SUPER

2 gang. Front section 27 plates with capacity of 10.5 mmf to 365 mmf; rear section plates with capacity of 7.6 mmf to 132 mmf individual trimmers on each section. End plates of RF section slotted for easy tracking. 180° rotation. Capacity increases counter clockwise. 1/4" diam. brass shaft, mounted on ball-bearings, extends 1 1/2" from cadmium plated steel frame. Frame size: 1 1/4" x 1 1/2" x 1 1/4" H. Standard mounting holes front and rear. Brass contact wiper. For superhet circuits with 455 KC IF. Shpg. wt., 10 oz.

MS-141 Net .98

2 GANG TRF

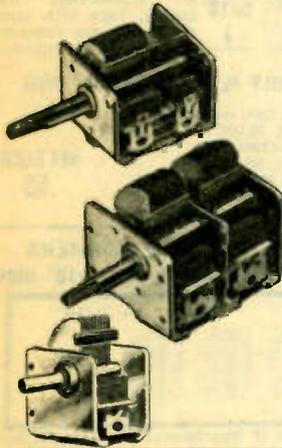
Same construction as above but each gang has 23 plates. Maximum capacity each section 365.7 mmf, minimum 10.3 mmf. Frame size 2 1/4" x 1 1/4" x 1 1/4" H. Shpg. wt., 10 oz.

MS-142 Net .98

MIDGET 1 GANG TRF

Similar in construction to above but single gang with capacity from 10 to 365 mmf. Size 1 1/4" x 1 1/4" x 1 1/4" H. Shpg. wt., 5 oz.

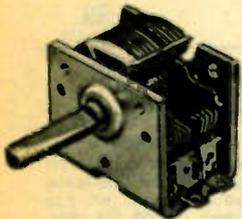
MS-214 Shpg. wt., 5 oz. Net .73



TRANSISTOR MINIATURE 2 GANG SUPER-HET VARIABLE CONDENSER ONLY 1/4" x 1 1/4" x 1 1/4"

Lightweight — both the frame and plates are aluminum. Smooth ball bearing action over entire 180° rotation. Bakelite stator insulation. Capacity of 11 plate R.F. section is 6.3 to 123.1 mmf; 9 plate oscillator section is 5.7 to 78.2 mmf. Effective range of trimmers 15 mmf. These add 2 mmf to minimum capacity. Capacity increases in counter clockwise direction. Flatted shaft, 1/4" diameter by 1 1/4" long.

MS-261 Size only 1/4" x 1 1/4" x 1 1/4" H. Shpg. wt., 5 oz. Net .95



NATIONAL RF CHOKES

Wound on ceramic forms except R33, R50 and R60 series on bakelite. All have fungus resistant varnish coat. Type R33 is 2 section, R50 are 3 and 4 section. Types with † mounted on fixed standoff insulator. Types ending in U have removable standoff. Avg. shpg. wt., 2 to 6 oz.

Stock No.	Mfr. Type	Fig	MH†	Ma	Ohms	NET EACH
						1-49 50-149
HP-125	R-100	A	2.5	115	44	.57 .54
HP-126	R-100	A	5	70	90	.90 .85
HP-127	R-100	A	10	60	130	1.12 1.06
HP-129	R-100U†	B	2.5	115	44	.74 .70
HP-130	R-100U†	B	5	70	90	1.04 .99
HP-131	R-100U†	B	10	60	130	1.26 1.20
HP-133	R-100S†	C	2.5	115	44	.99 .94
HP-134	R-100S†	C	5	70	90	1.32 1.25
HP-135	R-100S†	C	10	60	130	1.49 1.41
HP-137	R-100SD†	D	2.5	115	44	.66 .63
HP-138	R-100SD†	D	5	70	90	1.12 1.06
HP-139	R-100SD†	D	10	60	130	1.26 1.20
HP-128	R-300	A	1	400	11	.57 .54
HP-132	R-300U†	B	1	400	11	.77 .73
HP-136	R-300S†	C	1	400	11	1.00 .95
HP-139	R-300SD†	D	2.5	375	17	.80 .76
HP-146	R-50	E	5	150	15	.42 .40
HP-147	R-50	E	1	135	23	.42 .40
HP-145	R-50	E	2.5	125	38	.42 .40
HP-148	R-50-1	E	10	115	36	.42 .40
HP-150	R-154	G	1	600	6	2.31 2.08
HP-151	R-154U	H	1	600	6	2.01 1.81
HP-152	R-175A	J	1	225	800	5 3.56 3.20
HP-143	R-33	E	1*	850	.06	.36 .34
HP-140	R-33	E	10*	350	1.8	.36 .34
HP-141	R-33	E	50*	225	3.5	.36 .34
HP-142	R-33	E	100*	200	5	.36 .34
HP-144	R-33	E	750*	125	16	.36 .34
HP-149	R-60	F	2*	1500	.06	.29 .28

† = Millihenries * = Microhenries

HAMMARLUND MINIATURE VARIABLE CONDENSERS

TYPE APC

Compact, high quality Has high leakage resistance, and resistant to temperature, moisture, and vibration effects. Straight line capacitance. Hex collar on slotted shaft for rotor and screw-driver adjustment. Air gap is 0.015" nominal. Shpg. wt., 4 oz.



APC

MAPC

Series APC (Screwdriver Slot)

Stock No	Mfrs. Type	Max. Mmf.	Min. Mmf.	Net
HP-10	APC-15	17	2.8	1.22
HP-11	APC-25	25	3.0	1.32
HP-12	APC-50	50	3.9	1.52
HP-13	APC-75	75	4.6	1.67
HP-14	APC-100	100	5.5	1.81
HP-15	APC-140	140	6.7	2.11

Series APC-B (1/2" Shaft)

HP	APC-B	Max.	Min.	Net
HP-16	APC-15B	17	2.8	1.47
HP-17	APC-25B	25	3.0	1.57
HP-18	APC-50B	50	3.9	1.76
HP-19	APC-75B	75	4.6	1.91
HP-20	APC-100B	100	5.5	2.06
HP-21	APC-140B	140	6.7	2.35

Series APC-C (locking shaft)

HP	APC-C	Max.	Min.	Net
HP-22	APC-15C	17	2.8	1.62
HP-23	APC-25C	25	3.0	1.71
HP-24	APC-50C	50	3.9	1.91
HP-25	APC-75C	75	4.6	2.06
HP-26	APC-100C	100	5.5	2.20
HP-27	APC-140C	140	6.7	2.50

TYPE HF (not illus.)

Single section tuning employing "APC" rotor and stator design-ideal for critical high freq. circuits. Isolantite insulation. Air gap is 0.015", nominal.

HP	HF	Max.	Min.	Net
HP-46	HF15	17.5	2.8	1.09
HP-47	HF35	36	3.2	1.22
HP-48	HF50	42	3.7	1.28
HP-49	HF100	102	5.3	1.46
HP-100	HF140	142	6.3	1.69

TYPE MAPC

About half the weight and size of the APC, but with the same quality and performance. Excellent for VHF use. Slotted shaft for screwdriver or hex wrench adjust. Nom. air gap 0.0135". Size 1/2" x 1 1/4" H. Shpg. wt., 4 oz.

Series MAPC (Screwdriver Slot)

Stock No	Mfrs. Type	Max. Mmf.	Min. Mmf.	Net
HP-28	MAPC-15	15	2.3	.99
HP-29	MAPC-25	25	2.6	1.08
HP-30	MAPC-35	35	2.9	1.08
HP-31	MAPC-50	50	3.2	1.17
HP-32	MAPC-75	75	3.9	1.25
HP-33	MAPC-100	100	4.5	1.41

Series MAPC-B (1/2" Shaft)

HP	MAPC-B	Max.	Min.	Net
HP-34	MAPC-15B	15	2.3	1.08
HP-35	MAPC-25B	25	2.6	1.15
HP-36	MAPC-35B	35	2.9	1.17
HP-37	MAPC-50B	50	3.2	1.23
HP-38	MAPC-75B	75	3.9	1.35
HP-39	MAPC-100B	100	4.5	1.50

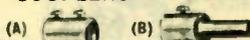
Series MAPC-C (locking shaft)

HP	MAPC-C	Max.	Min.	Net
HP-40	MAPC-15C	15	2.3	1.31
HP-41	MAPC-25C	25	2.6	1.37
HP-42	MAPC-35C	35	2.9	1.34
HP-43	MAPC-50C	50	3.2	1.43
HP-44	MAPC-75C	75	3.9	1.52
HP-45	MAPC-100C	100	4.5	1.68

TVI TRAP COIL

Suppresses Television Interference from Citizens Band Transceivers. Coil for use with 50 µfd capacitor in a parallel tuned circuit. 1/4" dia. x 1 1/2" L. With schematic. HP-59 Shpg. wt., 4 oz. Net .29

COUPLERS EXTENDERS



Brass couplings (A) and extenders (B). Diameter of extender or coupling may be equal to, greater than, or less than diameter of shaft extended. Extender shaft length, 5/8"; overall length, 1 1/4". Average shpg. wt., 4 oz.

Stock No.	Description	Size	Each
MS-201	Coupling	1/4" x 1/4"	.18
MS-202	Coupling	1/4" x 3/8"	.18
MS-203	Coupling	3/8" x 3/8"	.18
MS-204	Extender	1/4" x 1/4"	.19
MS-206	Extender	3/8" x 1/4"	.19

EXTENSION RODS

For 1/4" dia. extensions. Av. shpg. wt., 4 oz.

MS-196	6" Brass	.18
MS-197	6" Phenolic	.15
MS-198	12" Brass	.35
MS-199	12" Phenolic	.29

MICA TRIMMERS

AND PADDERS

Base of low-loss ceramic. 1 1/4" x 1/4" x 1/4" in size. 1 1/2" mig. ctrs. Capacity ranges derived from 3 turns open to tight setting. Av. shpg. wt., 2 oz.



DIAL CORD

Handy spools of pre-stretched nylon dial cord in sizes that cover almost all replacement needs. Breaking strength med. is 35 lbs., std. 20 lbs., thin 15 lbs. Average shpg. wt., 5 ozs.

TYPE	DIA.	NO. 100'	NET	NO. 25'	NET
Med.	.040"	MS-507	2.37	MS-504	.75
Std.	.032"	MS-508	2.37	MS-505	.75
Thin	0.25"	MS-509	2.37	MS-506	.75

PI-NETWORK ASSEMBLY

For optimum antenna matching and output. Used in Lafayette HE-20A. Consists of mounting bracket, final coil, 10 ufd plate capacitor and 330 ufd output capacitor. Completely wired. Size 2 1/2" x 1 3/4" x 2 1/4" High. With schematic. HP-57 Shpg. wt., 8 oz. Net 2.25

STANDARD INSULATED COUPLING

Flashover voltage is 2500 V. RMS. Brass hubs and spring tempered phosphor bronze arms. Can withstand temperature variations of from -110 to 210 degrees F. Bushing is standard 1/4" diameter. Shpg. wt., 1 1/2 oz. Imported. MS-917 Net .39

Use with rigid or flexible coupling when mounting. For up to 1/2" panels. Av. shpg. wt., 6 oz. MS-93—3" long. 1/4" shaft .32 MS-194—6" long. 1/4" shaft .38 MS-195—Bearing only .09

PANEL BEARING ASSEMBLY

Use with rigid or flexible coupling when mounting. For up to 1/2" panels. Av. shpg. wt., 6 oz. MS-93—3" long. 1/4" shaft .32 MS-194—6" long. 1/4" shaft .38 MS-195—Bearing only .09

STOCK NO.	MMF	EACH 1-9	EACH 10-49	EACH 50 UP
C-731	2-30	.24	.21	.18
C-732	4-80	.26	.23	.20
C-733	9-180	.29	.26	.23
C-734	25-280	.32	.29	.26
C-735	45-380	.35	.31	.28
C-736	70-480	.38	.34	.31
C-737	100-580	.44	.40	.36

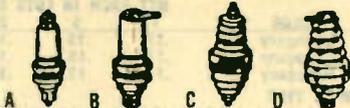
INSULATORS AND TERMINAL CONNECTORS



E. F. JOHNSON INSULATORS



THRU PANEL INSULATORS



Available in steatite or porcelain types—The high voltage insulators are compression mounted by means of a stud throughout the entire length of the unit. Extrusion of insulator base extends thru mounting hole, increasing the breakdown rating. Flat mounting surfaces with cushion washer. Hardware: *10-32, banana jack plus lug type terminal, † ¼"-20, ‡ 6-32. Average shpg. wt., 10 oz.

STEATITE

Stock No.	Mfrs. Type No.	Fig.	Top Ht.	PNL Hole	Net Each		
					1-49	50-99	100-499
CN-475	40	A*	1 1/4"	3/8"	.42	.38	.35
CN-476	40-2	BΔ	1 1/4"	3/8"	.53	.48	.44
CN-477	42	A*	7/8"	1/2"	.42	.38	.35
CN-478	42-2	BΔ	7/8"	1/2"	.50	.48	.42
CN-479	44	A†	3/4"	1/2"	.31	.28	.28

PORCELAIN

CN-480	45	C*	1 3/8"	1/2"	.59	.54	.49
CN-481	45-2	DΔ	1 3/8"	1/2"	.68	.63	.58
CN-482	46	A†	2 3/4"	1 1/2"	1.50	1.38	1.26
CN-483	47	A†	4 1/2"	3 1/2"	2.75	2.52	2.32
CN-484	48	C*	2"	1 1/4"	.95	.87	.80
CN-485	48-2	DΔ	2"	1 1/4"	1.05	.96	.88

STEATITE CONE INSULATORS

Ideal for mounting coils, capacitors etc. Constructed of grade L-4 or better steatite. Deep, clean threads are tapped directly into the ceramic. Insulators are furnished complete with 2 nickel plated machine screws, nickel-plated brass washers, and a cork cushion washer.

Stock No.	Mfrs. Type No.	Ht.	Wdth.	Net Each		
				1-49	50-99	100-499
CN-509	500	5/8"	5/8"	.23	.21	.19
CN-510	501	1"	3/4"	.31	.28	.26
CN-511	502	1 1/2"	1"	.51	.46	.43
CN-512	503	2"	1 1/2"	.77	.70	.64
CN-513	504	3"	1 1/2"	1.34	1.23	1.13

CINCH JONES BARRIER STRIPS



Increased insulation is provided by having barriers placed between each terminal. Barriers follow around the edge of the strips and terminate at the base. Makes long leakage path and prevents shorts caused by frayed wires at the terminal. Base is molded bakelite. Avg. shpg. wt., 5 oz.

Series 140 7/8x1 1/2" M, 5-40x3/8" Screws

Stock No.	Mfg. No.	Term.	Net Each		
			1-49	50-99	100-Up
CN-229	1-140	1	.09	.075	.06
CN-100	2-140	2	.14	.12	.096
CN-103	3-140	3	.20	.165	.132
CN-106	4-140	4	.25	.21	.168
CN-109	5-140	5	.31	.255	.204
CN-112	6-140	6	.35	.295	.239
CN-115	7-140	7	.41	.34	.272
CN-118	8-140	8	.46	.385	.308
CN-121	9-140	9	.52	.43	.344
CN-124	10-140	10	.57	.475	.38
CN-127	11-140	11	.62	.515	.412
CN-130	12-140	12	.67	.56	.448
CN-230	13-140	13	.73	.605	.484
CN-231	14-140	14	.79	.655	.524
CN-232	15-140	15	.84	.70	.56
CN-233	16-140	16	.89	.745	.596
CN-234	17-140	17	.94	.785	.628
CN-235	18-140	18	1.00	.83	.664
CN-236	19-140	19	1.05	.875	.70
CN-237	20-140	20	1.10	.92	.736
CN-238	21-140	21	1.16	.965	.772

Series 141 1 1/8x1 1/2" H, 6-32x1 1/2" Screws

Stock No.	Mfg. No.	Term.	Net Each 100-Up		
			1-49	50-99	100-Up
CN-101	2-141	2	.19	1.55	.124
CN-104	3-141	3	.25	.21	.168
CN-107	4-141	4	.32	.27	.216
CN-110	5-141	5	.39	.325	.26
CN-113	6-141	6	.45	.375	.30
CN-116	7-141	7	.53	.44	.352
CN-119	8-141	8	.59	.495	.396
CN-122	9-141	9	.66	.55	.44
CN-126	10-141	10	.73	.61	.488
CN-128	11-141	11	.80	.665	.582
CN-131	12-141	12	.86	.72	.576
CN-239	13-141	13	.94	.78	.624
CN-240	14-141	14	1.00	.835	.668
CN-241	15-141	15	1.07	.89	.712
CN-242	16-141	16	1.14	.95	.76
CN-243	17-141	17	1.21	1.005	.804
CN-244	18-141	18	1.27	1.06	.848
CN-245	19-141	19	1.34	1.120	.896
CN-246	20-141	20	1.41	1.175	.94

Series 142 1 1/8x1 1/2" M, 8-32x1 1/2" Screws

Stock No.	Mfg. No.	Term.	Net Each 100-Up		
			1-49	50-99	100-Up
CN-102	2-142	2	.22	.18	.144
CN-105	3-142	3	.31	.255	.204
CN-108	4-142	4	.39	.325	.26
CN-111	5-142	5	.47	.39	.312
CN-114	6-142	6	.55	.46	.368
CN-117	7-142	7	.64	.535	.428
CN-120	8-142	8	.72	.60	.48
CN-123	9-142	9	.80	.67	.536
CN-125	10-142	10	.89	.745	.596
CN-129	11-142	11	.97	.81	.648
CN-132	12-142	12	1.06	.88	.704
CN-247	13-142	13	1.14	.95	.760
CN-248	14-142	14	1.22	1.02	.816
CN-249	15-142	15	1.31	1.09	.872
CN-240	16-142	16	1.39	1.16	.928
CN-401	17-142	17	1.47	1.225	.98

STAND OFF INSULATORS



Ideal for Transmitter Applications. Features low leakage, low cap., freedom from moisture absorption. STEATITE—Sturdy and economical, these insulators have relatively large mounting surfaces. Two hole mounting permits substantial lateral loads. PORCELAIN—Type 60 and 62 are ribbed and feature square mounting bases with four mounting holes. Type 65, 65-2, 68, 68-2 are ribbed and have drain and etched aluminum bases. Type 66, 66G2, and 67 have smooth surfaces and drawn bases †—hardware-banana jack and a solder lug mounted on top of the insulator * similar to fig. G, but with square base. Avg. shpg. wt., 1 lb.

STEATITE

Stock No.	Mfrs. Type No.	Fig.	Body Ht.	Hardware	Net Each		
					1-49	50-99	100-499
CN-486	20	E	1 1/2"	10-32	.32	.29	.27
CN-487	20-2	F	1 1/2"	†	.35	.32	.29
CN-488	22	E	1"	8-32	.20	.18	.16
CN-489	22-2	F	1"	†	.28	.23	.21
CN-490	24	E	3/4"	6-32	.16	.14	.13

PORCELAIN

CN-491	60	G*	4 1/2"	1/4-20	1.20	1.10	1.01
CN-492	62	G*	2 3/4"	1/4-20	.62	.57	.52
CN-493	65	G	1 3/4"	10-32	.31	.28	.21
CN-494	65-2	G	1 3/4"	†	.39	.36	.30
CN-495	66	H	2 3/4"	1/4-20	.87	.80	.67
CN-496	66-2	H	2 3/4"	†	.99	.91	.83
CN-497	67	H	4 1/2"	1/4-20	1.25	1.14	1.05
CN-498	68	G*	2"	10-32	.54	.49	.45
CN-499	68-2	G*	2"	†	.60	.55	.50

FEEDEr SPREADERS

Conventional feeder spreaders for high efficiency open-wire antenna feeders and transmission lines. Made of high grade low absorption porcelain, silicone impregnated for moisture resistance. 3/8x1/2" cross section. Avg. shpg. wt., 3 oz.

Stock No.	Mfrs. Type	Length	Net Each		
			1-49	50-99	100-499
CN-514	136-122	2"	.17	.15	.13
CN-515	136-124	4"	.28	.25	.23
CN-516	136-126	6"	.40	.36	.33

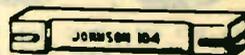
LEAD-IN BUSHINGS



Insulated bushings ideal for use in transmitter and antenna installations. Serves as antenna terminals on transmitters, as high voltage terminals on heavy duty power supplies. Type 50, 51, 52, and 55 are steatite, supplied with cushion washers and hardware. Type 53, and 54 are porcelain less all hardware except cushion washer. Maximum diameter: Type 50 3/4", Type 51 1 1/4", Type 52 1 3/4", Type 52 2 1/2", Type 54 3 1/2", and Type 55 3 3/4". Avg. shpg. wt., 8 oz.

Stock No.	Mfrs. Type No.	Fig.	Top Ht.	PNL Hole	Net Each		
					1-49	50-99	100-499
CN-500	50	M	1 1/2"	1 1/2"	.40	.36	.33
CN-501	51	M	1 3/4"	1 3/4"	.57	.52	.48
CN-502	52	M	1 1/2"	1 1/2"	.89	.81	.75
CN-503	53	K	1 3/4"	1 3/4"	.35	.32	.29
CN-504	54	J	4"	2 1/2"	1.10	1.01	.92
CN-505	55	L	1 1/4"	1 1/4"	.31	.28	.26

ANTENNA STRAIN INSULATORS



Porcelain type glazed to prevent moisture and absorption. Superior quality—heavily glazed surfaces and heavy nickel-plated brass hardware. Type 107 and 112 are wet process, 1" diameter; type 104 is dry process, 3/8" square with 400 lbs. breaking strength.

Stock No.	Mfrs. Type No.	Size	Shpg. Wt.	Net Each		
				1-49	50-99	100-499
CN-506	104	4x5/8" sq.	4 oz.	.28	.25	.23
CN-507	107	7x1"	10 oz.	1.30	1.19	1.10
CN-508	112	12x1" dia.	1 1/4 lb.	1.85	1.70	1.56

ANTENNA STRAIN INSULATORS



Used as end insulators in long wire, dipole, and doublet antennas. Constructed of brown glazed porcelain. Shpg. wt., 2 oz.

MS-933						Net .05
						Lots of 10 Each .045

CINCH JONES MARKER

BARRIER STRIPS

Constructed of 1/2", black fiber and contain the same mounting holes as the barrier strips which they are to be used. Imprinted in white ink from 1 up. Strips can serve the purpose of insulating strips when barriers are mounted on metal surfaces. They prevent short circuits when longer screws are accidentally inserted. Avg. shpg. wt., 5 oz.

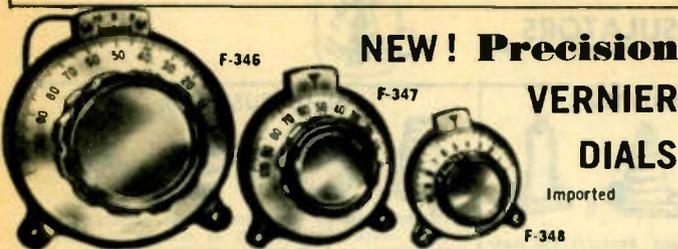
FOR 140 SERIES

Stock No.	Term.	Net Each		
		1-49	50-99	100-Up
CN-402	2	.05	.044	.035
CN-403	3	.06	.049	.039
CN-404	4	.06	.054	.043
CN-405	5	.07	.058	.046
CN-406	6	.08	.063	.050
CN-407	7	.08	.068	.054
CN-408	8	.09	.073	.058
CN-409	9	.09	.077	.062
CN-410	10	.13	.107	.086
CN-411	11	.13	.112	.089
CN-412	12	.14	.117	.093
CN-413	13	.15	.121	.097
CN-414	14	.15	.126	.10
CN-415	15	.16	.131	.104
CN-416	16	.19	.161	.128
CN-417	17	.20	.165	.132
CN-418	18	.20	.17	.136
CN-419	19	.21	.174	.14
CN-420	20	.25	.205	.164
CN-421	21	.25	.209	.167

FOR 141 SERIES

Stock No.	Term.	Net Each		
		1-49	50-99	100-Up
CN-422	2	.06	.047	.038
CN-423	3	.06	.054	.043

DIALS-KNOBS-DRIVES



NEW! Precision VERNIER DIALS
Imported

Precision planetary drive vernier dials with approximately 8 to 1 ratio. Mounts on panel surface and has accurately centered metal inserts for 1/4" shafts. Metal dials are brushed silver finish with deeply etched and black filled engraving to provide maximum legibility even under poor lighting conditions. Reads counter-clockwise 0 to 100 in 180°. Uses tough scratch resistant for sure grip fluted molded knob and housing. Phosphor bronze and brass utilized for internal parts. Shpg. wt., 8 ozs.

F-346 36MM (1 1/2") Diameter Vernier Dial, 3/8" from front to back Net .89
F-347 50MM (2") Diameter Vernier Dial, 1" from front to back Net .99
F-346 70MM (2 3/4") Diameter Vernier Dial, 1 1/8" from front to back Net 1.39

GOLD INSERT KNOBS



Attractive, modern-shaped knobs for replacement purposes, molded of high-quality plastic and beautifully finished. All with rich-looking gold insert. Avg. shpg. wt., 2 ozs.

STOCK NO.	FIG.	DIAM.	COLOR	NET EACH IN LOTS OF	
				1	5
KN-12*	C	1 1/4"	Mahogany	.17	.15
KN-13	F	1 3/8"	Mahogany	.17	.15
KN-14	G	1"	Mahogany	.17	.15

PUSH-ON TYPE

Fit flat 1/4" shafts. * Indicates convex gold insert and back of knob protrudes 3/16". Others have flat gold insert and flush back. † For 1/4" knurled shaft with gold indicator line.

STOCK NO.	FIG.	DIAM.	COLOR	NET EACH	1	5
KN-15	B	1 1/4"	Dark Maroon	.16	.14	.12
KN-16*	D	1 1/4"	Dark Maroon	.15	.13	.11
KN-52†	J	1 3/8"	Dark Maroon	.17	.15	.13
KN-18*	A	1 3/8"	Dark Maroon	.20	.18	.15
KN-20	H	1 3/8"	Black	.15	.13	.11

POINTER TYPE

This knob has a gold pointer and polished gold concave insert. Fits 1/4" flat shaft.

STOCK NO.	FIG.	DIAM.	COLOR	NET EACH	1	5
KN-21	E	1 1/4"	Black	.20	.18	.15

FLUTED KNOBS



Black fluted knobs, with and without skirt. Made of thermosetting plastic with high glass finish. All have recessed brass insert and set screw. Mount on 1/4" round or flattened shaft. Shpg. wt., 4 ozs.

STOCK NO.	FIG.	DIAM.	HEIGHT	1-24	25-99	100-499
KN-30	A	1 1/8"	5/8"	.23	.20	.17
KN-31	A	1 3/8"	1 1/4"	.24	.21	.18
KN-32	A	1 3/8"	3/4"	.27	.24	.20
KN-33	B	1 1/2"	3/4"	.40	.35	.30
KN-35	B	2 1/4"	3 1/2"	.50	.44	.38



STANDARD PLASTIC KNOBS

Plastic knobs with knurled bodies for general application. All have molded hole with set screw for mounting 1/4" round or flattened shafts except * is push on type for flattened shaft. † has white indicator lines, ‡ has gold indicator line. Av. Shpg. wt., 4 ozs.

STOCK NO.	FIG.	DIAM.	COLOR	1-24	25-99	100-499
KN-22	C	1"	Brown	.14	.11	.10
KN-39	C	1"	Black	.13	.10	.09
KN-38*†	D	1"	Black	.13	.11	.09
KN-36†	E	1 1/2"	Black	.14	.12	.11
KN-37†	E	3/8"	Black	.13	.10	.09
KN-19	D	1 1/4"	Maroon	.10	.08	.07



POINTER, BAR AND LEVER KNOBS

Black knobs molded of high quality plastic. All have set screw for 1/4" round or flattened shaft, and white indicator lines. Items marked * have brass insert. Size shown is length. Av. Shpg. wt., 13 oz.

STOCK NO.	FIG.	SIZE	1-24	25-99	100-UP
KN-40	F	2"	.17	.15	.13
KN-41	G	1 1/4"	.10	.08	.07
KN-42*	G	1 1/4"	.14	.12	.11
KN-43	H	1 1/4"	.13	.10	.09
KN-44*	I	1 3/8"	.18	.16	.14
KN-45	J	1 3/8"	.11	.09	.08



COMMUNICATION RECEIVER TYPE KNOBS

Molded of top-quality Tenite, and have easy grip knurling. These knobs are 1-7/16" in over-all diameter with chrome-plated bevel skirts for attractive appearance. Depressed numerals are black enamelled on chrome plate. Designed to fit 1/4" shafts. Shpg. wt., 4 ozs.

KN-54 Numbered 0-10 through an arc of 300° clockwise. Imported

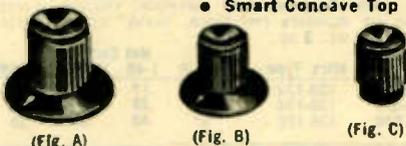
KN-55 With a single etched center line index. Imported

KN-56 Numbered 0-10 through an arc of 180° clockwise. Imported

Any type Singly .34
Lots of 6 Each .29

PROFESSIONAL KNOBS

• Smart Concave Top



Add professional appearance to any equipment. The ideal replacements or new knobs for—Test Equipment—Ham Radio—Hi-Fi—Experimental Gear, etc. Professional black-mat finish. To fit 1/4" round shaft. All knobs come with set screw. Size: Fig. A skirt dimen. 1 1/8" dia. x 7/8" H; Fig. B skirt dimen. 3/4" dia. x 3/4" H; Fig. C 3/8" x 5/8" H. Shpg. wt., 7 ozs. Imported

KN-61 Round Knob with Skirt & Pointer (Fig. A) Net .39
KN-59 Round Knob with Skirt & Pointer (Fig. B) Net .34
KN-60 Small Round Knob (Fig. C) Net .29



VERNIER DIAL MECHANISM

A 9 to 1 precision reduction for careful accurate manipulation of critical controls. Mechanical linkage is slip-free, yet overtravel will not cause damage. For 1/4" knob and shaft. Shaft rotated 180°. Size: 2x2 1/4 x 1 1/2" deep. Mounting for dial. Shpg. wt., 5 oz. Imported

F-753 Net .69



TEST EQUIPMENT KNOBS

Fluted, skirted, tapered design in black plastic with brass insert and set screw. For 1/4" shafts. Imported

KN-62 Knob with 1 1/2" diam. skirt, without pointer. Shpg. wt., 3 oz. Net .23
Knob with 1 1/4" diam. skirt, pointer. Net .18
KN-63 Shpg. wt., 4 oz. Net .18



NATIONAL KNOBS

Molded of high quality plastic. All have 1 3/8" diam. chrome plated bevel skirts. Fit 1/4" shaft. Available in black or gray. Specify. Av. Shpg. wt., 4 ozs. 1-100-99 199 EA. EA.

STOCK NO.	NAT. NO.	MARKING	ROTA-TION	99	199
NP-157	HRS-3	0-10	300°	.66	.63
NP-158	HRS-4	Single Line	—	.86	.63
NP-159	HRS-5	0-10	180°	.88	.63



TUNING DIAL AND KNOB

Attractive dark maroon plastic push-on knob with gold insert calibrated for AM broadcast band. Fits 1/4" shafts such as MS-141, MS-142, MS-214, and MS-261. Fluted, tapered rim 1 3/8" dia. Back protrudes 3/8". Shpg. wt., 4 oz.

KN-26 Net .29

MINIATURE KNOBS

Plastic knob, only 5/8" diameter fits 1/8" shafts, for miniature components such as Ferri-loopstock, sub-miniature pots, etc. Av. Shpg. wt., 4 ozs.

MS-185 Brown Net .09
KN-57 Ivory11



MATCHED KNOB KITS

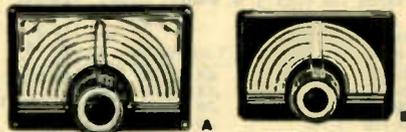
- Molded From Hi-Impact Plastic
- Brass Screw and Shaft Insert
- Accepts Up To 1/4" Round or Flat Shaft



KIT OF 5
69c

Trim distinctive, functionally styled knobs. Finished in an attractive steel gray and molded from tough hi-impact plastic, the knob is of cylinder design with sure-grip fluted sides and an aluminum ring-set in a recessed face. Rugged brass screw and mounting shaft insert will accept up to 1/4" round or flat shaft. Each kit contains 5 knobs—all same size. Shpg. wt., 7 ozs. Imported

KI-55 Size: 1 3/8" Diam., 1/2" Deep Kit of 5 Net .79
KI-56 Size: 1 3/8" Diam., 1/4" Deep Kit of 5 Net .79
KI-57 Size: 1" Diam., 1/4" Deep Kit of 5 Net .69

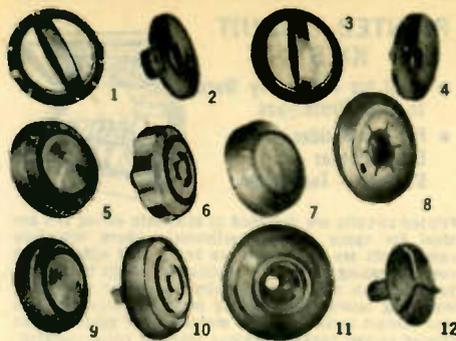


NATIONAL VERNIER DIALS

All have 3 blank scales and one 0-100 logging scale, 5:1 drive ratio, clear-view plastic windows, clear plastic pointers with centered hairlines and holes for calibrating each scale. Black wrinkle escutcheons. Type 1CN is illuminated. All fit 1/4" shaft. Complete with instructions and hardware. Mechanism extends 1/4" below rear of frame. Av. Shpg. wt., 13 ozs.

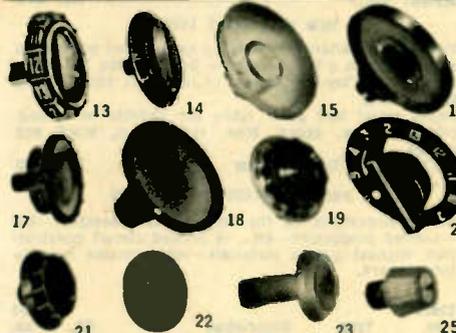
STOCK NO.	NAT. NO.	FIG.	SIZE	NET
HP-160	ACN	A	5" H x 7 1/4" W	7.80
HP-161	ICN	B	5 1/8" H x 7 1/4" W	7.80
HP-162	SCN	A	4 3/4" H x 6 1/4" W	7.80
HP-163	MCN	A	2 3/4" H x 3 3/8" W	7.20

TVDevelopment EXACT REPLACEMENT TV KNOBS



ADMIRAL KNOBS

Stock No.	Fig.	Mfg. Part No.	Function	Color	Net
KN-100	1	33C53-9	Chan. Sel.	Mah. & Gold	1.09
KN-101	2	33C53-10	Fine Tun.	Mahogany	.88
KN-102	3	33C53-11	On/Off, Vol.	Mah. & Gold	.88
KN-103	4	33C53-12	Contr.	Mahogany	.88
KN-104	5	33D136-6	Chan. Sel.	Mah. & Gold	2.32
KN-105	6	33D107-13	Chan. Sel.	Mah. & Gold	2.32
KN-106	7	33D136-10	Chan. Sel.	Mah. & Gold	1.57
KN-107	6	33D136-2	Chan. Sel.	Mahogany	1.09
KN-108	8	33D107-55	Fine Tun.	Gold	2.06
KN-109	9	33D136-11	On/Off, Vol.	Mah. & Gold	1.19
KN-110	10	33D136-3	On/Off, Vol.	Mahogany	.85
KN-111	11	33D237-3	Fine Tun.	Clear	1.32
KN-112	12	33D202-22	Chan. Sel.	White	1.62



CROSLY KNOBS

Stock No.	Fig.	Mfg. Part No.	Function	Color	Net
KN-113	13	157753-3	Chan. Sel.	Black	1.15
KN-114	13	157753-4	Chan. Sel.	Black	1.15

EMERSON KNOBS

Stock No.	Fig.	Mfg. Part No.	Function	Color	Net
KN-115	14	450105	Chan. Sel.	Mahogany	.73
KN-116	15	460234	Fine Tun.	Clear	.73
KN-117	15	460234M	Fine Tun.	Mahogany	.73
KN-118	16	460233	Contr.	Clear	.73
KN-119	16	460233M	Contr.	Mahogany	.73
KN-120	17	450206	Chan. Sel.	Mahogany	2.32
KN-121	18	450209	Fine Tun.	Black	1.47
KN-122	19	450134B/262B	On/Off, Vol.	Black	2.65
KN-123	20	450148	Chan. Sel.	Maroon	1.56
KN-124	21	450236/261	Chan. Sel.	Maroon	2.65
KN-125	22	460672	Fine Tun.	Clear	1.73
KN-126	23	461184	Contr., Vert.	Clear	.73
KN-127	25	461190	Volume	Clear	.65

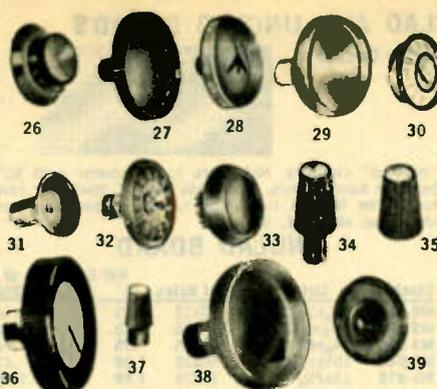


SYLVANIA KNOBS

Stock No.	Fig.	Mfg. Part No.	Function	Color	Net
KN-128	73	740-0098	Fine Tun.	Clear	1.47
KN-129	74	743-0087	Chan. Sel.	Tan	2.65
KN-130	74	743-0100	Chan. Sel.	Coral	2.65
KN-131	74	743-0089	Chan. Sel.	Blue	2.65

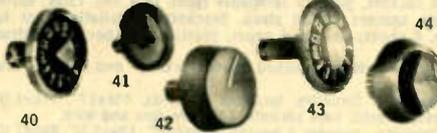
WESTINGHOUSE KNOBS

Stock No.	Fig.	Mfg. Part No.	Function	Color	Net
KN-132	75	12118-1	Chan. Sel.	Gold & Mar.	1.38
KN-133	76	12930-3	Fine Tun.	Rust	.53
KN-134	77	12913-1	On/Off, Vol.	Mah. & Gold	.59
KN-135	77	12913-3	On/Off, Vol.	Mahogany	.59
KN-136	77	12913-8	On/Off, Vol.	Red & Gold	1.23



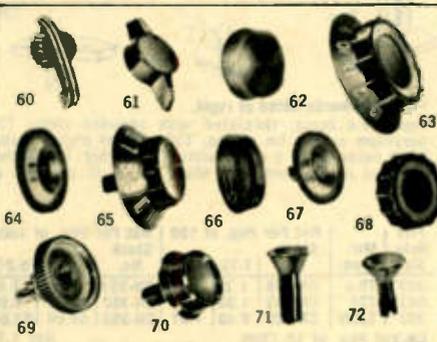
GENERAL ELECTRIC KNOBS

Stock No.	Fig.	Mfg. Part No.	Function	Color	Net
KN-137	26	WT43X139	Chan. Sel.	Bwn. & Gold	2.06
KN-138	27	43X112	Volume	Maroon	1.15
KN-139	27	43X119	Volume	Tan	1.15
KN-140	28	WT43X159	Chan. Sel.	Mar. & Gold	1.73
KN-141	29	GW43X269	Chan. Sel.	Cl. & Gold	2.06
KN-142	30	43X225	Chan. Sel.	Mar. & Gold	2.91
KN-143	31	43X226	Fine Tun.	Clear	.41
KN-144	32	43X249	Bright.	Cl. & Sil.	1.73
KN-145	32	43X268	Chan. Sel.	Cl. & Gold	1.73
KN-146	33	43X247	Contr., Vol.	Cl. & Gold	.56
KN-147	33	43X252	Vert., Bright.	Cl. & Gold	.73
KN-148	34	43X271	Vert., On/Off, Vol.	Bl. & Gold	.56
KN-149	35	43X270	Contr.	Bl. & Gold	.56
KN-150	36	43X295	Chan. Sel.	Bl. & Gold	1.32
KN-151	37	43X298	Vol., Vert.	Gold & Bl.	.56
KN-152	38	43X299	Chan. Sel.	Cl. & Gold	2.06
KN-153	37	43X296	Contr.	Gold & Bl.	.56
KN-154	37	43X307	Contr.	Black	.56
KN-155	38	43X315	Chan. Sel.	Cl. & Gold	2.06
KN-156	39	43X332	Bright.	Clear	.73



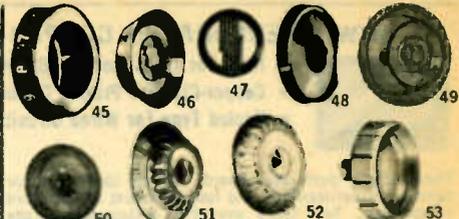
HOTPOINT KNOBS

Stock No.	Fig.	Mfg. Part No.	Function	Color	Net
KN-157	40	218X24	Chan. Sel.	Gold & White	1.73
KN-158	41	G1003	Fine Tun.	Silver	.88
KN-159	42	G1001	Chan. Sel.	Bl. & Gold	.88
KN-160	43	218X14	Chan. Sel.	White & Gold	1.44
KN-161	44	218X23	Vert., Bright.	White & Gold	.73



RCA KNOBS

Stock No.	Fig.	Mfg. Part No.	Function	Color	Net
KN-162	60	76770	Chan. Sel.	Mah. & Gold	.73
KN-163	61	77708	Chan. Sel.	Gold & Red	1.47
KN-164	62	77710	On/Off, Vol.	Gold	1.53
KN-165	63	79466	Chan. Sel.	Mah. & Gold	1.73
KN-166	64	79464	Fine Tun.	Cl. & Gold	1.23
KN-167	65	100637	Chan. Sel.	Maroon	1.73
KN-168	66	100944	Chan. Sel.	Mahogany	1.32
KN-169	67	101015	Fine Tun.	Gold & Cl.	1.23
KN-170	68	101150	Chan. Sel.	Mahogany	.88
KN-171	69	101124	Bright.	Cl. & Gold	1.15
KN-172	70	101138	On/Off, Vol.	Mahogany	.65
KN-173	71	109665	Fine Tun.	Gold	1.32
KN-174	72	112064	On/Off, Vol.	Gold	1.15

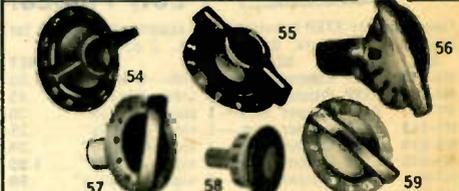


MOTOROLA KNOBS

Stock No.	Fig.	Mfg. Part No.	Function	Color	Net
KN-175	45	36C700886	Chan. Sel.	Mah. & Gold	1.73
KN-176	46	36C700888	Fine Tun.	Mah. & Gold	1.32
KN-177	47	36C700891	On/Off, Tun.	Brown	1.47
KN-178	48	36K700894	On/Off, Vol., Fine Tun.	Brown	2.06
KN-179	49	36B73680	Fine Tun.	Clear	1.73
KN-180	50	36K738713	Fine Tun.	Clear	1.62

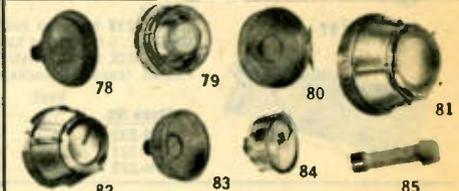
MUNTZ KNOBS

Stock No.	Fig.	Mfg. Part No.	Function	Color	Net
KN-181	51	KB0036	Chan. Sel.	Gold & Mah.	1.76
KN-182	52	KB0032	On/Off, Vol.	Gold & Mah.	1.76
KN-183	53	KB0056-3	Chan. Sel.	Tan	1.76



PHILCO KNOBS

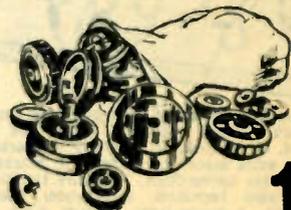
Stock No.	Fig.	Mfg. Part No.	Function	Color	Net
KN-184	54	56-7807	Chan. Sel.	Mah. & Gold	1.97
KN-185	55	76-6863-32	Chan. Sel.	Black	1.97
KN-186	56	28-12470-3	Chan. Sel.	Gold	1.56
KN-187	56	28-12470-5	Chan. Sel.	White	2.06
KN-188	57	54-6261-22	Chan. Sel.	Maroon	2.35
KN-189	58	76-10619-2	Chan. Sel.	Bl. & Tan	3.23
KN-190	59	76-11142-15	Chan. Sel.	Gold	2.35
KN-191	59	76-11142-16	Chan. Sel.	Gold	2.35



ZENITH KNOBS

Stock No.	Fig.	Mfg. Part No.	Function	Color	Net
KN-192	78	S-22863	Fine Tun.	Clear	1.62
KN-193	79	S-42909	Chan. Sel.	Gold	3.91
KN-194	80	S-42039	Fine Tun.	Clear	1.47
KN-195	81	S-43823	Chan. Sel.	White & Gold	3.91
KN-196	82	46-2004	Chan. Sel.	White & Gold	3.23
KN-197	83	S-43768	Fine Tun.	Clear	1.32
KN-198	84	46-2171	Chan. Sel.	Gold & Gray	3.91
KN-199	85	S-43672	Vert., Bright., Tone	Tan	.56

50-PIECE TV KNOB KIT



195

- A Great Value
- Less Than 4c Each

Selection contains 50 assorted TV knobs including such types as channel selector, fine tuning, volume, etc. Useful and attractive. Many with gold lettering or gold inserts. Shpg. wt., 3 lbs.

1.95

PRINTED CIRCUIT COMPONENTS — EXPERIMENTERS ITEMS

NEW! PERFORATED COPPER-CLAD AND UNCLAD BOARDS

- Ideal For Transistor And Subminiature Circuitry
- Copper-Clad For Printed Circuits
- Unclad Type For Wired Circuits



These sturdy, perforated boards are the ideal base for builders, experimenters, and labs to mount miniaturized components. Two types available: either high grade bakelite for wired circuits, or one side copper-clad for

"printed" circuitry. Holes are $\frac{1}{16}$ " diameter with $\frac{3}{16}$ " between hole centers. All boards are $\frac{1}{16}$ " thick. For contacts, the MS-263 flea clips listed on this page are ideal. Avg. shpg. wt. 6 oz.

COPPER CLAD BOARDS

Stock No.	Size	No. of Holes	Net Each Lots of		
			1	100	250
MS-847	2 $\frac{1}{2}$ x3 $\frac{3}{8}$ "	17x12	.35	.30	.24
MS-848	3 $\frac{1}{2}$ x6 $\frac{3}{4}$ "	35x19	.55	.50	.45
MS-849	7 $\frac{1}{2}$ x6 $\frac{3}{4}$ "	39x35	1.15	.96	.87
MS-850	10 $\frac{1}{2}$ x7 $\frac{1}{2}$ "	56x38	1.90	1.58	1.42

UNCLAD BOARD

Stock No.	Size	No. of Holes	Net Each Lots of		
			1	100	250
MS-304	2 $\frac{1}{2}$ x3 $\frac{3}{8}$ "	17x12	.25	.20	.18
MS-305	3 $\frac{1}{2}$ x6 $\frac{3}{4}$ "	35x19	.45	.40	.35
MS-306	7 $\frac{1}{2}$ x6 $\frac{3}{4}$ "	39x35	.75	.65	.60
MS-846	10 $\frac{1}{2}$ x7 $\frac{1}{2}$ "	56x38	1.20	1.08	.97
MS-916	18x7 $\frac{1}{2}$ "	95x38	1.89	1.71	1.55

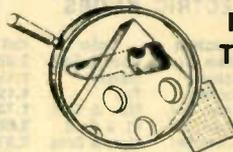
COPPER CLAD LAMINATE AT LAFAYETTE'S LOW PRICES!



Finest quality XXXP bakelite base, copper clad boards for printed circuit work. Av. shpg. wt., 2 ozs.

NO.	DESCRIPTION	NET
MS-510	XXXX Copper Lam.—1 side—9"x12"	4.50
MS-511	XXXX Copper Lam.—1 side—6"x4 $\frac{1}{2}$ "	.45
MS-512	XXXX Copper Lam.—1 side—3"x4 $\frac{1}{2}$ "	.30
MS-513	XXXX Copper Lam.—1 side—2"x4 $\frac{1}{2}$ "	.25
MS-514	XXXX Copper Lam.—1 side—3"x2 $\frac{1}{2}$ "	.24
MS-515	XXXX Copper Lam.—2 sides—9"x12"	1.95
MS-516	XXXX Copper Lam.—2 sides—6"x4 $\frac{1}{2}$ "	.60
MS-517	XXXX Copper Lam.—2 sides—3"x4 $\frac{1}{2}$ "	.40
MS-518	XXXX Copper Lam.—2 sides—2"x4 $\frac{1}{2}$ "	.30
MS-519	XXXX Copper Lam.—2 sides—3"x2 $\frac{1}{4}$ "	.27

FLEA CLIPS FOR TRANSISTOR AND SUBMINIATURE CONTACTS



"Flea" clips are specially designed for subminiature work. Fit perfectly in holes in perforated copper-clad and unclad boards listed above. Made of beryllium copper, silver plated finish. Simply insert wire thru hole for positive grip contact.

MS-263	Package of 12	Net	.25
MS-851	Package of 1000	Net	15.75
MS-852	Package of 5000	Net	76.15
MS-853	Package of 10,000	Net	149.30

VECTOR EXPERIMENTERS CHASSIS KITS

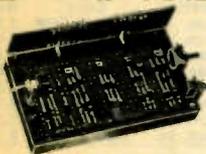
Designed for rapid set-up of experimental tube or transistor circuitry. Each kit contains 1 or more prepunched phenolic boards all $\frac{1}{8}$ " thick, aluminum channels for mounting, an assortment of sockets, push in terminals types T9.4 and T30N, spring clips, assorted screws, nuts spacers, metal strap, brackets, installation tool for T30N, spring pusher needle, 6 sheets of layout paper, plastic parts box and instructions.

Kit No. 20X for tube Circuitry. Includes 1 punched board 4 $\frac{3}{4}$ x8 $\frac{1}{2}$ " and 8 asstd. tube sockets.

Kit No. 21X for Tube and Transistor Circuitry. Includes 3 boards, 4 $\frac{3}{4}$ x17", 1 $\frac{3}{8}$ x1.9", 8 $\frac{1}{2}$ x1.9", 6 transistor sockets, 8 asstd. tube sockets, 14 diode clips and wire.

Kit No. 22X for Transistor Circuitry. Includes 3 boards, 4 $\frac{3}{4}$ x8 $\frac{1}{2}$ ", 1 $\frac{3}{8}$ x1.9", 8 $\frac{1}{2}$ x1.9", 7 asstd. transistor sockets. 12 diode clips and wire.

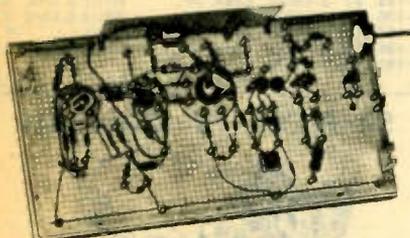
Stock No.	Vect. No.	Shpg. Wt.	Net Each In Lots of			
			1-19	20-99	100-199	200-Up
CN-332	20X	1 lb.	6.12	5.68	5.25	4.17
CN-331	21X	2 $\frac{1}{4}$ lbs.	15.05	13.85	12.80	10.15
CN-325	22X	1 $\frac{1}{4}$ lbs.	10.29	9.55	8.80	7.00



Ideal For Lab



VECTOR SOLDERLESS CIRCUIT SET-UP KIT



Provides an easy means of setting-up and testing circuits rapidly without having to solder and unsolder connections. Kit consists of 1-8 $\frac{1}{2}$ "x17" Vectorbord deck and frame, extra pieces of Vectorbord, brackets, 100-T30N Solderless Spring-Clips, 15-T300N Lug-Clips, 100-T9.4 Solderable Terminals, 6-Transistor Sockets, (4 Universal-type, 2 Power-type), 3-Noval 9-pin, 3-Miniature 7-pin and 2-Octal 8-pin tube sockets with mounting wafers. Shpg. wt., 1 lb.

CN-355 Model 25X Net 19.50

PRINTED CIRCUIT KITS

- Ideal for Laboratory Work to Make Prototypes
- For The Builder — Experimenter — Student — Technician



Printed circuits are designed to eliminate wiring and are ideal for space saving, particularly where miniature components are used. They are being used widely in an ever increasing number of applications. With these kits, you can etch your own circuitry on copper clad XXXP insulating boards with etching materials provided. Kits also contain variety of other materials and parts such as printed circuit sockets, various types of resist-material, etc. Listing below gives contents. All in handsome plastic boxes.

TECHNICIANS KIT

Contains 8 copper clad single faced and 2 double faced boards from 4 $\frac{1}{2}$ x6" to 3x2 $\frac{1}{4}$ "; 6 tube sockets; 2 packs etchant; 1 tape resist; 1 liquid resist; 3 dozen eyelets; 1 drill and typical circuit diagrams and directions. In plastic box size: 9 $\frac{3}{4}$ x6 $\frac{1}{2}$ x2". Shpg. wt., 1 lb. 5 oz.

MS-725 KIT NO. 5003P Net 9.75

BASIC KIT

A good kit to start off learning the technique of etched circuitry. Contains 3 copper clad boards from 4 $\frac{1}{2}$ x3" to 3x2 $\frac{1}{4}$ "; 1 each 7 and 9 pin sockets; 1 pack etchant; 1 tape resist; eyelet assortment; drill and directions. In plastic box size 5 $\frac{1}{2}$ x1 $\frac{3}{4}$ x4". Shpg. wt., 8 oz.

MS-961 5002P Net 4.75

NEW BALL POINT TUBES

Make resist patterns directly on copper clad boards. As easy to use as a ball point pen. Deposits line $\frac{1}{16}$ " wide. No need to "lay-out" colors of resist for color coding of circuitry.

Liquid resist ball point tubes are available in various colors. Yellow, green, blue, red, brown, black and orange.

MS-728 PRL—Specify Color Net 1.25

PRINTED CIRCUIT ACCESSORIES

Basic components for the experimenter—designer—lab—limited production—etc., in printed circuit construction. Highest quality materials—indispensable for prototype work.

Stock No.	Type	Description	Wt.	Net ea.
MS-730	PE-5	Etchant—Pt.	1 lb.	1.25
MS-731	PE-7	Etchant—Qt.	2 lb.	2.25
MS-962	PEY-12	125 Eyelets .0620 X .093L and .125L		Net .60
MS-734	PRT-1	Tape Resist $\frac{1}{2}$ x320"	2 ozs.	.85
MS-735	PRT-2	Tape Resist $\frac{1}{4}$ x320"	2 ozs.	.75
MS-909	PRT-3	Tape Resist $\frac{3}{8}$ x320"	2 ozs.	.90
MS-736	PRT-4	Tape Resist $\frac{1}{8}$ x320"	2 ozs.	.90
MS-737	PRD-6	100 Tape Resist Circles $\frac{1}{16}$ " D.	2 ozs.	.75
MS-738	PR-L	Liquid Resist—1 oz.	3 ozs.	.50

VECTOR PUSH-IN TERMINALS



For Vectorboards listed at right.

Type T9.4 brass, tin-plated with serrated slots; T28 beryllium copper tin plated; T30N nickel plated brass. T30N holds up to 6 wires without soldering. No staking required on any terminals. Shpg. wt., 3 oz. per pkg. of 100.

Fits Hole Size	Mfr. Type	Net Per Pkg. of 100		Net Per Pkg. of 1000			
		Stock No.	1-19	20-99	Stock No.	1-4	5-24
.093"	T9.4	CN-328	1.22	1.13	CN-351	8.90	7.48
.062"	T28	CN-349	1.55	1.40	CN-352	11.00	9.90
.093"	T30N	CN-329	8.45	7.61	CN-353	58.90	53.01
CN-350 Pkg. of 1D T30N				Net 1.15			

INSERTION TOOLS

CN-330 Type P-92A for T30N and T9.4 Net .50
CN-334 Type P-91 for T28 Net .50

MASONITE BREADBOARD

- Ideal for Kit Builders

Tempered masonite board with holes spaced $\frac{1}{2}$ " apart to facilitate mounting of parts. Size 7 $\frac{1}{2}$ "x11 $\frac{1}{2}$ "x $\frac{1}{8}$ " thick. Shpg. wt., 12 oz.

ML-81 Net .25



VECTOR PREPUNCHED BREADBOARDS



Pre-Punched terminal boards for breadboarding and production. All are natural tan phenolic (MIL-P-3115B) except † are Ivory epoxy-paper (MIL-P-18177). All .093" holes and .200" spacing center to center. All others have .093" holes on .265" centers except † has .062" holes on .200" centers. For use with Vector push-in terminals. Shpg. wt., approx. 7 oz.

Stock No.	Mfrs. No.	L	W	No. of Holes	1-19		20-99		100-199
					1-19	20-99	1-19	20-99	100-199
CN-326	64A18†	17"	4 $\frac{1}{4}$ "	64x18	1.22	1.12	1.05		
CN-333	85C24†	17"	4 $\frac{1}{4}$ "	85x23	1.38	1.27	1.19		
CN-334	95G43†	19"	8 $\frac{1}{2}$ "	95x43x2	2.27	2.09	1.97		
CN-335	72A33†	19"	8 $\frac{1}{4}$ "	72x33	2.19	2.02	1.92		
CN-336	32AA18*	8 $\frac{1}{2}$ "	4 $\frac{1}{4}$ "	32x18	.82	.76	.72		
CN-327	64AA18*	17"	4 $\frac{1}{4}$ "	64x18	1.57	1.44	1.34		
CN-337	32AA9*	8 $\frac{1}{2}$ "	2 $\frac{1}{4}$ "	32x9	.59	.54	.51		
CN-338	64AA32*	17"	8 $\frac{1}{2}$ "	64x32	2.43	2.20	2.08		
CN-347	85F24EP††	17"	4 $\frac{1}{4}$ "	85x23	2.06	1.85	1.73		
CN-348	85G24EP††	17"	4 $\frac{1}{4}$ "	(85x23)x2	2.06	1.85	1.73		

BUY ON TIME SEE PAGE 412

EASY BUDGET PLAN SEE PAGE 412

SPECIALTIES for BUILDERS and EXPERIMENTERS

COILMASTER DELUXE



ACCURATE COIL WINDER
675

Latest redesigned model gives even greater accuracy than ever to meet modern requirements. Easy-to-use set winds honeycomb, spiderweb and solenoid coils of various widths and diameters—equal in appearance to a factory job. Also suitable for winding chokes, transformers and filter inductors. Indicator counts number of turns on coil. Supplied with accessories including wood spools, metal pegholders and extension for making long solenoid coils. Instructions included, but less coil form and pegs. Shpg. wt., 6 lbs.

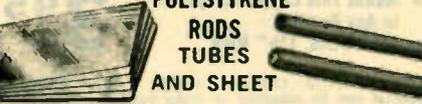
MS-260 Net 6.75

MINIATURE EQUIPMENT CASE



A miniature plastic case mounted on a standard octal base. For equipment designers — experimenters — builders — hobbyists. Perfect for modular construction. Mount relays — resistors — condensers — networks — any miniaturized circuitry — for plug-in use. Add whole stages in one unit to existing equipment. Thousands of uses. Size 1 1/2" x 1 1/2" sq. Project 2" above chassis. Shpg. wt., 4 oz. RY-262 Net .55

POLYSTYRENE RODS TUBES AND SHEET



Feature high dielectric strength, dimensional stability low loss, arc-resistance, and insulating properties. Moisture proof. Easily sawed, drilled and tapped. Sheets and rods are transparent, tubing satin finish.

POLYSTYRENE SHEETS

Stocking	Size	Thick Inch	Shpg. Wt.	Net 1-9	Each 10-49
P-450	12" x 12"	1/8"	8 oz.	4.07	3.66
P-451	12" x 12"	3/16"	10 oz.	4.70	4.23
P-452	12" x 12"	1/4"	12 oz.	5.39	4.85
P-453	12" x 12"	3/8"	1 lb.	7.01	6.31
P-454	12" x 12"	1/2"	1 1/2 lb.	7.99	7.19
P-455	12" x 24"	1/8"	1 lb.	7.64	6.88
P-456	12" x 24"	3/16"	1 1/4 lb.	8.97	8.07
P-457	12" x 24"	1/4"	1 1/2 lb.	10.29	9.26
P-458	12" x 24"	3/8"	2 lbs.	12.89	11.60
P-459	12" x 24"	1/2"	3 lbs.	15.34	13.81

12" POLYSTYRENE RODS

Stock No.	Size L X Diam.	Shpg. Wt.	Net 1-9	Each 10-49
P-460	12" x 1/8"	2 oz.	.03	.02
P-461	12" x 3/16"	3 oz.	.07	.06
P-462	12" x 1/4"	5 oz.	.12	.11
P-463	12" x 3/8"	6 oz.	.18	.16
P-464	12" x 1/2"	6 oz.	.25	.22
P-465	12" x 3/4"	6 oz.	.47	.42
P-466	12" x 1"	8 oz.	.71	.64
P-467	12" x 3/4"	8 oz.	.98	.88
P-468	12" x 7/8"	8 oz.	1.39	1.25
P-469	12" x 1"	8 oz.	1.86	1.67

12" POLYSTYRENE TUBES

Stock No.	O. D.	I. D.	Shpg. Wt.	Net 1-9	Each 10-49
P-470	1/4"	1/8"	2 oz.	.10	.09
P-471	3/8"	3/16"	3 oz.	.14	.13
P-472	1/2"	3/8"	3 oz.	.18	.16
P-473	3/4"	3/4"	3 oz.	.25	.22
P-474	1"	1/2"	4 oz.	.31	.28
P-475	3/4"	5/8"	5 oz.	.39	.35
P-476	1"	7/8"	6 oz.	.55	.49

INDUSTRIALS WRITE FOR PRICES ON LARGER QUANTITIES

POLYSTYRENE CEMENT AND COIL DOPE



Pure polystyrene dissolved in thinner. For coating, doping, sealing coils, and for cementing polystyrene to polystyrene. 2 oz. bottle. Shpg. wt., 4 oz. P-283 Net .47

THINNER FOR ABOVE. Cuts and dissolves polystyrene material. 2 oz. bottle. Shpg. wt., 4 oz. P-303 Net .44

PHOTOGRAPHIC PRINTED CIRCUIT KIT



New ready to use presensitized copper clad laminate cuts time to make prototype printed circuits. Kit contains 20 pieces single and double clad XXX-P and epoxy fiberglass laminates in assorted convenient sizes, presensitized and uncoated, 20 assorted printed circuit tube and transistor sockets, 2 rolls tape resist strip 1/4" and 1/2" wide, 200 die-cut tape resist circles 1/4" and 3/8" diameter. Bottle liquid resist and brush. Ball-point resist pen. Package of printed circuit eyelets and terminals, #51 drill, layout paper, exposure clamp, developing and etching solutions with trays. Full instructions and technical bulletins. Shpg. wt., 10 lbs. MS-904 Net 29.95

ACCESSORIES FOR ABOVE

MS-905	8 oz. Developer	1.00
MS-906	6x9" Single Side Sensitized Board	1.50
MS-907	6x4 1/2" Single Side Sensitized Board	.75
MS-908	3x4 1/2" Single Side Sensitized Board	.40

GC PRINTED CIRCUIT KIT



Here's a kit every serviceman needs to repair printed circuits or printed wiring in TV sets, hearing aids, radios, etc. Contains Print-Kote silicon resin, solvent, pure silver print, solder probe tool, Print-Kote solder, stainless brush scraper and printed circuit service manual. Wt., 2 lbs. P-308 GC-680 Kit Net 5.73

ECONOMY KIT
Same as above but less the pure silver print. Wt., 2 lbs. P-309 GC-681 Kit Net 3.41

PRINTED CIRCUIT ESSENTIALS

PRINT-KOTE SILICON RESIN. Used to coat and protect joints and parts after repair. Fast, air drying 2 oz. bottle with brush. Shpg. wt., 6 ozs. P-310 GC-14-2 Net 1.27

PRINT-KOTE SOLVENT. For removing silicon resin or to thin it. 2 oz. bottle. Shpg. wt., 6 ozs. P-311 GC-13-2 Net .36

PRINT-KOTE SOLDER. Non-corrosive flux with low melting solder combined with pure silver. 2 oz. coil. Shpg. wt., 4 ozs. P-312 GC-9131 Net .57

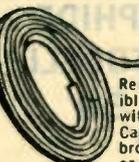
PRINT-KOTE SILVER PRINT. Pure silver compound. Air drying. Used to repair printed circuit "wires" and touch up connections. 1/2 Troy oz. Shpg. wt., 4 ozs. P-313 GC-21-1 Net 2.42

SOLDER-AID PROBE. Special fine point. Stainless steel. Solder won't stick. Shpg. wt., 2 ozs. P-314 GC-9093 Net .98

BRUSH AND SCRAPER. Stainless steel brush and steel scraper. Indispensable repair tool for printed circuits. Shpg. wt., 2 ozs. P-315 GC-9094 Net .96

K-27 PRINT COAT. Clear silicone resin in 6 oz. spray can. Insulates and protects. Shpg. wt., 8 ozs. P-316 GC-14-6 Net 2.37

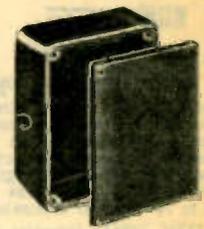
MAGNETIC STRIP



- Flexible-Versatile-Permanent Magnet
- Made in England

Remarkable, new magnet material. Flexible, extruded plastic strip, impregnated with Barium Ferrite magnetic powder. Can be cut with a knife, scored and broken by hand, drilled, nailed, screwed or glued in place. Dividing the strip does not damage magnetic properties. Strip measures 3/8" wide by 1/8" thick. Pull is 3 ozs. per inch length with .000" gap (no intervening material) to 1.5 oz. per in. with a .015" gap. Limitless industrial, commercial and domestic applications. Used for magnetic closures, holders, locators, conveyors, displays, collectors, buffers, lifters. Will bend to a 3" circle, at room temperature, without breaking. May be warmed to increase flexibility without effect on magnetic properties. F-751 3 ft. length, Shpg. wt., 8 ozs. Net 1.69 F-752 12 ft. length, Shpg. wt., 1 1/2 lbs. Net 5.50

BAKELITE CASES and PANELS



Ideal for building test equipment and small electronic devices. All black bakelite with rounded corners and recessed threaded inserts for mounting panels. Walls 3/8" except 1" is 1/2". Avg. shpg. wt., 11 oz.

Stock No.	Size	Net Each 1-4	5-UP
MS-216	6 1/4 x 3 3/4 x 2"	.65	.59
MS-217	Panel for above	.39	.36
MS-218*	6 3/4 x 5 1/4 x 2 1/4"	1.20	1.08
MS-219	Panel for above	.60	.54
MS-844	8 3/8 x 7 3/8 x 3"	1.59	1.43
MS-845	Panel for above	.75	.69

PLASTIC CASE FOR MINIATURE EQUIPMENT

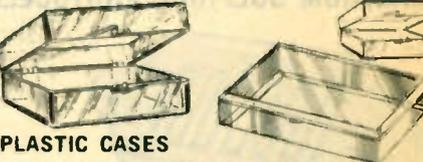


Beautiful pocket sized modern streamlined case with rounded corners and removable snap-on cover. Ideal for that transistorized receiver — or other miniature or subminiature preamplifier, amplifier, oscillator or transmitter. Two pre-drilled apertures, a 2 1/2" diameter opening ideal for Poly-Vari-Con tuning capacitor and a 3/8" opening ideal for volume control and switch. In addition, there are two small openings on the side for such internal leads as antenna or earphone. Size: 4 1/8 x 2 3/8 x 1 1/8". Shpg. wt., 6 oz. Imported MS-302 Net .59

Ivory & Gold Dial Knobs For Above. Wt., 1 oz. Imported KN-24 Net .29

Ivory Miniature Vol. Control Knob. Wt., 1 oz. KN-57 Net .11

PLASTIC CASES for MINIATURE ELECTRONIC GEAR



Clean, polystyrene cases. Ideal for miniature assemblies. All have ball type hinged covers except *, which have removable covers. Avg. shpg. wt., 6 oz.

Stock No.	Size—LxWxH	Net
MS-156	1 1/8 x 2 1/8 x 1"	.09
MS-157	2 7/8 x 1 3/16 x 1"	.12
MS-158	2 7/8 x 2 x 1"	.15
MS-159	3 3/8 x 2 5/8 x 1"	.18
MS-160*	4 3/8 x 2 1/4 x 2 3/8"	.20
MS-300	7 1/2 x 5 x 1 1/2 3/2	.79
MS-161	4 3/8 x 2 3/4"	.30
MS-162*	4 1/8 x 3 3/8 x 1 1/4"	.32
MS-163*	5 x 5 1/4 x 1 3/8"	.35
MS-164*	5 3/4 x 3 x 1 3/8"	.28
MS-298	3 3/8 x 3 1/8 x 1 1/8"	.18

AMPHENOL TUNING EYE ASSEMBLIES



For use in custom building. Simple to install. For set with AVC, FM sets, test instruments, etc. Shpg. wt., 8 oz.

6 PRONG TYPE: For 6 prong tubes. Includes 1 meg resistor wired into socket, 5-wire color-coded 22" long cable, mtg. bracket, escutcheon, hardware and instructions. CM-49 AMPHENOL 58-MEA 6 Net 2.12 Lots 50, Each 1.75

OCTAL TYPE: For all octal tubes including dual and multi-pattern types. With 8 wire, color-coded 22" cable. CM-50 AMPHENOL 58-MEA 8 Net 2.98 Lots 50, Each 2.46

LAFAYETTE for ELECTRONICS, SOLAR PHOTOCONDUCTIVE AND



CLAIREX PHOTOCELLS

Photoconductive cells extremely sensitive in the red and near infrared spectral region. Act as resistors which vary with applied illumination. Permits high speed applications without compensation. Have very low dark current and negligible cell noise. Maximum voltage: 300V DC or peak AC. Operating temperature: 50 to 75°C. Power dissipation 50 mw.

PLASTIC TYPES: Polyester cases; 50 Mw power dissipation. 1/4" dia. x 1/2" long. Shpg. wt., 3 oz. Cadmium Selenide.

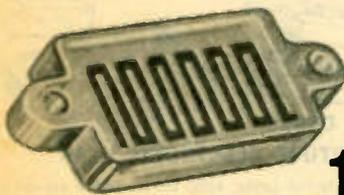
Stock No.	Mfr's Type	Fig.	Sensitivity μA @ 1		Time Constant @ 100 Ft.		Net
			Ft. Candle	@ 100V	Candle	ms	
MS-740	CL-3	A	600	@ 100V	1 ms	3.50	
MS-829	CL-4	A	1000	@ 30V	2 ms	3.50	

GLASS TYPES: Feature hermetically sealed glass enclosures; Low Resistance "L" types for Transistor and other low voltage applications. 75 mw power dissipation except 500 series is 500 mw with heatsink and 250 mw without heat sink. "400" series .265 x 1". "500" series .5 x .5". "600" series .25 x .5". Average DC resistance measured at 2 foot-candles, 2870° K and 25° C ambient. CdS = Cadmium Sulphide; CdSe = Cadmium Selenide. A = Peak Spectral Response in Angstroms.

Stock No.	Mfr No.	Fig.	Mat.	A	Light Ohms	Volts (Max)
MS-830	CL-402	B	CdS	5050	1M	300
MS-839	CL-403	B	CdSe	7350	133K	300
MS-831	CL-404	B	CdSe	6900	30K	300
MS-832	CL-407	B	CdS	6150	133K	300
MS-833	CL-504	C	CdSe	6900	1.5K	250
MS-834	CL-504L	C	CdSe	6900	0.25K	60
MS-835	CL-505	C	CdS	5500	9K	250
MS-836	CL-603	D	CdSe	7350	133K	300
MS-837	CL-604L	D	CdSe	6900	1.5K	60
MS-838	CL-605L	D	CdS	5500	7.5K	60
MS-903	CL-505L	C	CdS	5500	1.5K	60

NET EACH 4.00

CADMIUM SULPHIDE PHOTOCELL

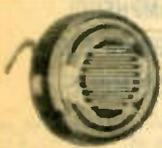


1.59

- For Sensitive Relay Actuation
- For Photo Electric Control

A neatly constructed crystal photocell that has countless applications in counting, relay actuation, etc. Resistance varies with light from 1 megohm in total darkness to approx. 1500 ohms at 100 foot candles. Responds to entire visible spectrum and has 1/10 sec. response for relay operation. Minimum current output 60 ma at 50 ft. candles at 90 volts. Power dissipation 2 watts for 5 seconds, 1/2 watt continuous. Output as low as .08ma at 1 ft. candle at 6 volts, varying with illumination intensity and applied voltage. Neatly capsulated for easy mounting with leads for electrical connection. 1 1/4 x 1/2 x 1/8" overall. Imported

MS-827 Net 1.59



POLARIS "MAJ-1" RESISTOR PHOTOCELL

1.99

A cadmium-sulphide light-dependent resistor used to actuate door openers, burglar alarms, smoke detectors, light controls, production counters, etc. Resistance varies from 200 ohms at approx. 93 foot-candles to over 10 megohms in total darkness. Maximum volts: 110VAC (peak) 110VDC; maximum dissipation: .2 watt @ 40°C, .1 watt @ 50° C, 0 @ 60°C. Capacity approx. 6 mfd. 1/2" diam. x 3/8" thick. Shpg. wt., 3 oz.

MS-791 Net 1.99



LAFAYETTE AUTOMATIC PHOTO-ELECTRIC 'LUMINATOR

- Automatic Light Switch
- Lights on at sunset—off at sunrise

4.95

New photo-electronic, light sensitive switch turns lights on and off at dusk and dawn. Better than a clock—no setting and resetting of timer. Variance in "on-off" cycle adds extra protection when away from home. You need never come home to a darkened house. The controlled lamps go on as darkness falls—stay on until sufficient day light returns or until manually turned off. Just plug it in for protection from prowlers—to turn on night lights—illuminate outdoor areas—light up brooders—green houses—displays—show windows—any place you require automatic illumination. Mounts most anywhere on rubber suction cup feet. Unobtrusive—measures only 3 3/4 x 2 1/2 x 2 1/4". Use on 117 volt AC only. Maximum 300 watts lamp load. Instructions included. Shpg. wt., 1 lb. MS-790 imported

Net 4.95

OCTAL BASED PHOTO-CONDUCTOR



3.95

- High Sensitivity
- Valuable For Experimenters

A cadmium photo-conductor cell mounted in an octal type tube base for versatility in application. Ideal for mounting on chassis with all components of a photocell relay. Rated: 4900 ohms at 10 ft. candles; 200 megohms at 0 ft. candles. Spectral response covers from 4000 to 8000 Angstroms; maximum power dissipation (at 25°C) 0.5 Watts; ambient temperature —40 to +60°C. Maximum voltage ratings: 200 volts DC or AC peak. Resistance value characteristics: at 0 ft. candles = 500,000 ohms; at 1 ft. candle = 5,000 to 30,000 ohms; at 10 ft. candles = 90 ohms to 5,000 ohms. Size 2-1/10"H overall. Imported

MS-882 Net 3.95



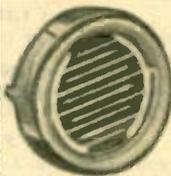
INFINITE DARK RESISTANCE PHOTO-CONDUCTOR

3.95

- Mount This Lafayette Special In Any Position
- 1 1/2" Diam. 1 1/2" High

This Lafayette cadmium sulfide PHOTO-CONDUCTOR special can be mounted in many positions through two leads from the base of the cell. An ideal cell for the experimenter requiring extreme versatility. Spectral response covers from 4,000 to 8,000 angstroms. Maximum power dissipation (25°C/W): 1.0. Ambient temperature (°C): —40 to +60. Maximum voltage 200 volts DC or AC peak. Resistance Value Characteristics —0 Ft. candles: above 200K ohms; 1 Ft. Candle: 500 to 40K ohms; 10 Ft. Candles: 100 to 800 ohms. Size 1-1/2DX1-7/10"H. Shpg. wt., 4 oz. Imported

MS-881 Net 3.95



CADMIUM PHOTOCELL FOR HEAVY DUTY OPERATION

1.89 • 3/4" Light Area

An efficient cadmium photocell utilizing an extremely sensitive film element with 3/4" light area. Ideal for relay operation, door openers, counters, etc. Rated at 200V; 20-ma; 0.2W power dissipation at 20°C. Sensitivity is 610 ±50. Resistance Value Characteristics —0 Ft. Candles: 1M ohm/up; 1 Ft. Candles: 33K ohms; 10 Ft. Candles: 8K ohms. Size 1 1/4" Diam. x 3/8" depth.

MS-886 Imported Net 1.89



LAFAYETTE CADMIUM PHOTOCELL

1.49 • 3/8" Light Area

A quality cadmium photocell, perfect for transistor and printed circuit use. Employs sensitive film element with 3/8" light area. Rated at 200V; 10ma; 0.1W power dissipation @ 20°C. Sensitivity is 610 ±50. Resistance Value Characteristics —0 Ft. Candles: 2M ohms/up; 1 Ft. Candles: 100K ohms; 10 Ft. Candles: 25K ohms; Size 3/8" Diam x 1/4" Depth. Imported

MS-885 Net 1.49

LAFAYETTE CADMIUM SULPHIDE PHOTOCELL

- Only 3/8" D x 1/2" W

.95



New head-type window cadmium sulphide photocell. Maximum Ratings: 200 volts DC or AC peak. Resistance is —40°C and +60°C; Resistance is over 10 megohms at zero ft. candles; 100,000 ohms to 10 megohms at 1 foot candle; 100,000 to 350,000 ohms at 10 foot candles; Range of sensitive wave length is 4000 to 8000 angstroms. Size: 3/8" diam. x 1/4" L. o/a. Standard screw mount: miniature base. Imported

MS-855 Shpg. wt., 4 oz. Net .95



NEW CADMIUM SULPHIDE PHOTOCELL

1.50

- 3/8" Light Area

A variable resistance device with extremely broad response to visible light. Peak in blue-green with a highly sensitive surface, 3/8" light area. Ideal for direct relay operation, home lamp control, headlight dimmer, counter controls, door controls etc. Rated at 300V DC, 500V AC peak 250 MW dissipation; Resistance at 1 foot candle (daylight), 2.5K-100K, Resistance at 50 foot candles (incandescent) 100-1000 ohms; dark resistance, 1 M-1000 Megohms. Size: 1/2" Dia. x 3/8" depth. Shpg. wt., 2 oz.

MS-948 Net 1.50



LAFAYETTE MINIATURE SELENIUM RECTIFIER

1/2" w x 3/8" D Premium quality and small size make this precision rectifier ideal for prototype and miniature applications.

.49

Measures 3/8" Dx 1/2" W plus 1/4" mounting lip. Rated: Input—117VAC, 110 to 130 V DC; Output—10ma DC, 20ma DC intermittent; Ambient Temperature 40°C. Maximum input capacitance 10 MFD. Two convenient solder lug terminals. Imported

MS-887 Net .49

SCIENCE and TECHNOLOGY PHOTOELECTRIC PHOTOCELLS, HUMIDITY SENSORS

LAFAYETTE SUPER-VALUE SUN BATTERY

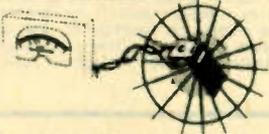


1.95

- Excellent for Experimenter, Kit Builder, etc.

Sensational buy enables Lafayette to offer this amazing selenium photocell at a fraction of the price of similar photoelectric cells! Surpasses by far, specifications of cells of equivalent size! Specifications: 0.9 ma Current Output at 100 ft. candles with 100 ohm load; 0.27 ma Current Output at 100 ft. candles with 1000 ohm load. 1 1/2" diameter. With colored pigtail leads. Imported

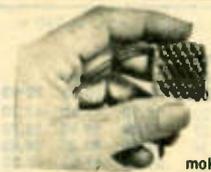
MS-891 Net 1.95



B2M SUN BATTERY

International Rectifier's Sun Battery requires just average sunlight to generate 2 ma. current under 10-ohm load. With milliammeter can be used as light measuring device. In series or series-parallel will drive transistorized equipment. Ideal for spectro-photometers, headlight dimmers, burglar alarms, timers, etc. Measures .724x.443x.040". 60 microamps @ 100 footcandles with 55 ohm load. .5 volt in average sunlight, .25 volt at 100 footcandles. Complete with 1/4" mounting bracket, 6" leads.

MS-112 Net 1.47
IN LOTS OF 10 OR MORE Ea. 1.32



INTERNATIONAL RECTIFIER B3M SELENIUM SOLAR CELL

Selenium photocell in molded plastic case. Ratings in full sunlight, using conventional volt and milliamper meters: Output 0.2 to 0.4 Volts, 1 1/2 to 2 1/2 milliamps. Supplied with pigtail leads and with adhesive disc for attaching cells to almost any surface. Size: 1 1/2 x 1 1/2 x 1/8". Shpg. wt., 4 oz.

MS-897 Net 1.71
In lots of 10 or more Ea. Net 1.52

INTERNATIONAL RECTIFIER SIM SILICON SOLAR CELL

Silicon solar cell in molded plastic case. Output rating 0.3 to 0.4 Volts and 10 to 16 milliamps (in full sunlight, using conventional volt and milliamper meters). Complete with leads and pressure sensitive adhesive disc that permits mounting to almost any surface. Size: 1 1/2 x 1 1/2 x 1/8". Shpg. wt., 4 oz.

MS-898 Net 2.20
Lots of 10 or more Ea. Net 1.96

CS-120-M6 CADMIUM SULPHIDE PHOTO CONDUCTIVE CELL

International Rectifier popular cadmium sulphide photo conductive cell. Maximum applied voltage 120 volts; 0.2 watt max. power dissipation. Resistance ratings: 1.5 megohms in dark; 10,000 ohms at 10 foot candles; 2,000 ohms at 100 foot candles. In molded plastic case. With pigtail leads and adhesive disc for mounting to surface. Size: 1 1/2 x 1 1/2 x 1/8". Shpg. wt., 4 oz.

MS-899 Net 2.30



EXPERIMENTER'S HANDBOOK FOR SOLAR CELLS

An interesting, concise experimenter's handbook by International Rectifier that deals with the fundamentals and applications of silicon solar cells, cadmium sulphide photo conductive cells and selenium photo cells and sun batteries. Includes 13 simple experiments dealing with the measuring of solar power, with relay activation by solar power, sun powered radios, sun powered oscillators, tunnel diode RF transmitter, solar powered Citizens Band 27 MC transmitter, and motors.

BK-1526 Net .25



SELF GENERATING PHOTOELECTRIC CELLS

AS LOW AS

.53

- Complete with leads
- No external power needed
- Output in sunlight up to 60 MA
- Up To 750 μ a at 100 ft. Candles

Selenium, self-generating photocells convert sunlight or artificial light energy into electrical energy without any auxiliary source of power. Sensitive to a wide spectrum including white, colored or ultra-violet light. All unmounted; complete with leads. Outputs in table below taken at 100 foot candle illumination with 100 ohm load. Higher outputs obtainable with greater light. Shpg. wt., 3 oz. Imported

Stock No.	Out μ a	Size	1-4	5-9	10	Net Each
MS-771	100	1 1/2" x 1 1/2"	.59	.56	.53	
MS-772	250	1 1/2" x 3/8"	.69	.66	.63	
MS-773	350	1 1/2" x 3/8"	.89	.85	.80	
MS-774	750	1 1/2" x 1 1/2"	3.18	3.03	2.88	

SELENIUM PHOTOCELL

- Excellent for
 - Burglar Alarms
 - Door Openers
 - Counters
- QUANTITY LIMITED
- OPERATES 600 MICROAMPS RELAYS DIRECTLY

4.95



Barrier layer, self-generating type; light striking upon cell generates current sufficient to operate relays directly without the use of auxiliary power. Lifetime of cell is unlimited, 600 microamperes output at 100 foot candles. 2 inches in diameter. Mounted in a handsome plug-in plastic case. Imported.

MS-826 Photocell, Wt., 8 oz. Net 4.95
CM-70 Socket for MS-826 Net .14

INTERNATIONAL RECTIFIER SOLAR CELL AND PHOTOCELL HANDBOOK



This 112-page technical manual features full descriptions of over 75 practical light-operated circuits. Contains projects and demonstrations of both selenium photocells and silicon solar cells. Includes chapters on basic photovoltaic theory, photocell performance characteristics, radiation theory, and infrared and ultraviolet photocell applications. Contains data on silicon solar cells and their use on satellites and space vehicles.

BK-1527 Net 2.00

LAFAYETTE CADMIUM SULPHIDE PHOTOCONDUCTIVE CELLS



MS-893



MS-894



MS-895



MS-896

These new Lafayette cadmium sulphide photoconductor cells have numerous invaluable applications: i.e. door openers, chimes, automatic switches, burglar alarms, electric eye of cameras, etc. Their conductivity varies with the intensity of light. All are rated 20 milliamps at 200 volts, and have a Sensitive Wave Length range of 4,000 to 8,000 angstroms. All have leads for mounting. Shpg. wt., 2 oz. Imported

RESISTANCE IN OHMS AT

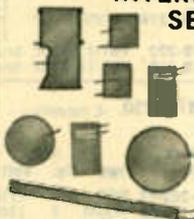
Stock No.	0 FC	1 FC	10 FC	100 FC	Max. Temp. °C	Dimensions inches	Net
MS-893	10 Meg	1.5 Meg	150,000	20,000	+70 to -20	3/8" dia. x 3/8" L	1.19
MS-894	10 Meg	1.5 Meg	150,000	25,000	+70 to -20	3/8" dia. x 3/8" L	1.19
MS-895	5 Meg	25,000	4,500	700	+50 to -20	1/2" dia. x 1/8" Thk.	1.49
MS-896	1 Meg	20,000	3,500	600	+70 to -20	1/2" dia. x 1/8" Thk.	1.69

FC = Foot Candles Resistance ratings at 1, 10 and 100 foot candles have \pm 50% tolerances.

INTERNATIONAL RECTIFIER SELENIUM PHOTOCELL GRAB BAG KIT

SUPER VALUE

1.98



ASSORTMENT OF 8 PHOTOCELLS WITH VARIED SHAPES, SIZES AND OUTPUTS!

SOME EQUIVALENT TO FAMOUS INTERNATIONAL RECTIFIER TYPES B2PL, A7PL, 7C, etc. Some have pigtail leads mounted; leads supplied for all the cells. Nominal output range 1/2-1/2 volts; 250 microamps to 5 MA in bright sunlight. Shpg. wt., 8 oz.

MS-921 Net 1.98



NOW! RESISTOR PHOTOCELL

SENSATIONAL LOW PRICE .89

A cadmium-sulphide light-activated resistor used to actuate door openers, burglar alarms, relays, light controls, production counters, etc. Resistance varies from 75 ohms at approx. 93 foot-candles to over 10 megohms in total darkness. Maximum volts: 110VAC (peak) 110VDC; maximum dissipation: .2 watt @ 40°C, .1 watt @ 50°C, 0 @ 60°C. Capacity approx. 6 mfm. 1/2" diam. x 3/8" thick. Shpg. wt., 3 oz. Imported

MS-922 Net .89

EL-TRONICS HUMIDITY SENSING ELEMENT

New—highly accurate—extremely stable humidity sensing element. Varies bias on control grid of vacuum tube—directly controls meter reading in bridge circuit. Employs conducting plastic which changes resistance in the presence of water vapor. Rapid reaction time. Long term stability—trouble free operation. Employs punted electrodes on each face. 3/4 x 1 1/2 x 1/8". Includes Specs—curves—sample circuiting. Shpg. wt., 4 oz.

MS-327 Net 9.00



HYGROPAK-HUMIDITY SENSOR



New type of electric humidity measuring element. Film type element for stability—reproducibility—polarization. Resistance decreases with increase in humidity. Extremely fast reaction time. Will operate in temperatures up to 200°F. Covers the entire humidity range with a near linear curve. Shpg. wt., 2 ozs.

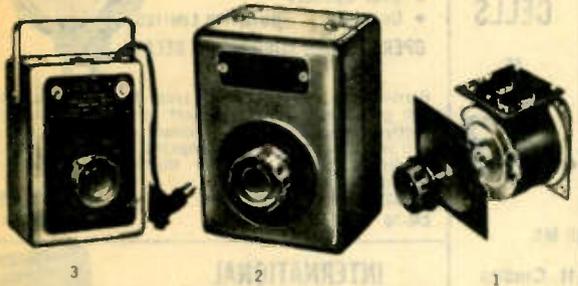
MS-407 Net 2.98



GENERAL RADIO VARIAC®

CONTINUOUSLY ADJUSTABLE TRANSFORMERS

WITH EXCLUSIVE DURATRAK® CONTACT SURFACE



SPECIFICATIONS

Frequency: Specs for "W" models are 50-60 cycle. Units can be operated at rated current and voltage from 50-400 cycles. On 25 cycles, 230 volt units can be used at half their 60 cycle voltage and kva. ratings. Rated Current: Can be drawn from the VARIAC at any dial setting. Maximum Current: Can be drawn at maximum voltage when line-voltage connection is used. Line Voltage Connection: Output voltage variable from 0 to line voltage. Overvoltage Connection: Output voltage variable from 17% above line voltage.

GENERAL RADIO VARIAC® ADJUSTABLE TRANSFORMER (U.S. Patent No. 2,949,592) advantages include: banked winding for space economy, unit brush for ease of replacement, wiring diagram and voltage data on terminal plates, precision machine winding on toroidal winding machines and long life essentially the same as fixed-ratio power transformers. Other features are good regulation, smooth control, high efficiency, linear output voltage (up to 117% of line voltage) direct-reading, reversible dials calibrated for 320° clockwise rotation, rugged construction—no delicate parts. Six basic types listed below provide a logical series of ratings up to 50 amperes at 50-60 cycles. Uncased models for behind-panel mounting, cased models for front-panel, wall or bench mounting; portable models have line cord, plug, on-off switch, resettable overload protector, outlet socket and handle.

TYPE W2. 4 models — up to 3.1 amps. output at 120 v. † has over voltage connections and corresponding dial scale;

Stock No.	Type	Fig.	Input Volt	Overvolt Output		Shpg. Rated Max. Wt. Lbs.	Net Each			
				Volts	Amp. Amp.		1-9	10-19	20-99	
3TD-170	W2	1	120	0-140	2.4	3.1	6	15.00	14.25	13.50
3TD-171	W2M	2	120	0-140	2.0	2.6	9	21.50	20.43	19.35
3TD-172	W2MT†	3	120	0-140	2.0	2.0	10	26.00	24.70	23.40
3TD-173	W2MT3†	3	120	0-140	2.0	2.0	10	28.00	27.60	25.20

* = 2 Wire † = 3 Wire

3TD-193 VB-1 Replacement brushes for above Net .75

TYPE W5. 10 models — up to 11 amps. output at 120 v. or 2.6 amps. at 240 v. Types with † for 120 v. — 60 cycle only 0-120 v. output, no over voltage. * = 2 wire; † = 3 wire. ‡ has overvoltage connections and corresponding dial scale

Stock No.	Type	Fig.	Input Volt	Overvolt Output		Shpg. Rated Max. Wt. Lbs.	Net Each			
				Volts	Amp. Amp.		1-9	10-19	20-99	
3TD-185	W5	1	120	0-140	6.0	7.8	12	18.00	17.10	16.20
3TD-186	W5M	2	120	0-140	5.0	6.5	13	26.00	24.70	23.40
3TD-187	W5MT†	3	120	0-140	5.0	5.0	15	31.50	29.93	28.35
3TD-188	W5MT3†	3	120	0-140	5.0	5.0	15	33.00	31.35	29.70
3TD-210	W5L=	1	120	0-120	8.5	11.0	12	17.50	16.63	15.75
3TD-211	W5LM=	2	120	0-120	7.1	9.2	13	25.50	24.23	22.95
3TD-224	W5LMT3†	3	120	0-120	7.1	9.2	15	34.50	32.72	31.05
3TD-189	W5H	1	240	0-280	2.0	2.6	10	21.50	20.43	19.35
3TD-190	W5HM	2	240	0-280	2.0	2.6	13	29.50	26.13	26.55
3TD-191	W5HMT†	3	240	0-280	2.0	2.0	15	35.00	33.25	31.50
3TD-192	VB-2 Repl. brushes for above except "H" type									Net .80
3TD-193	VB-1 Repl. brushes for "H" type only									Net .80

TYPE W10. 8 models — up to 13 amps. output at 120 v. or 5.2 amps. at 240 v. ‡ has over voltage connection and corresponding dial scale.

Stock No.	Type	Fig.	Input Volt	Overvolt Output		Shpg. Rated Max. Wt. Lbs.	Net Each			
				Volts	Amp. Amp.		1-9	10-19	20-99	
3TD-175	W10	1	120	0-140	10	13	18	33.00	31.35	29.70
3TD-176	W10M†	2	120	0-140	10	13	21	46.00	44.70	41.40
3TD-177	W10MT†	3	120	0-140	10	10	24	56.00	53.20	50.40
3TD-178	W10MT3†	3	120	0-140	10	10	24	57.50	54.83	51.75
3TD-179	W10H	1	240	0-280	4	5.2	18	35.00	33.25	31.50
3TD-180	W10HM *†	3	240	0-280	4	5.2	21	48.00	45.40	43.20
3TD-181	W10HMT†	3	240	0-280	4	4	24	58.00	55.10	52.20
3TD-182	W10HMT3†	3	240	0-280	4	4	24	60.00	57.00	54.00

* = 2 Wire † = 3 Wire

3TD-183 VBT-10 Repl. brushes for above except "H" type Net 1.35

3TD-184 VBT-11 Repl. brushes for "H" type only Net 1.35

CHOKES FOR PARALLEL COMBINATIONS

By using this choke, you may limit circulating current. Load rating of 2 identical Variacs if twice that of single unit. Use 1 choke to parallel 2 units, 3 for 4 units. Cannot be used for loads in excess of 2 type W50.

3TD-217 GR type 50-P1 Shpg. wt., 1 1/4 lbs. Net ea. 16.00

lots of 10, ea. 15.20; lots of 20, ea. 12.40

For loads in excess of 2 type W50, use a third choke type 50-P2. Net ea. 16.00

3TD-440 type 50-P2 lots of 10, ea. 15.20; lots of 20, ea. 12.40

REPLACEMENT BRUSHES

3TD-441	200-315 Repl. brush for 200t-1pc	.55
3TD-442	VBT-2 Repl. brush for M-10, V-10, V-10M, V-10MT	.95
3TD-443	VBT-2-2 Set of 2 for V-20H, V-20HM	1.90
3TD-444	VBT-4 Repl. brush for V-10H, V-10HM, V-10HMT	.95
3TD-445	VBT-5 Set of 2 for V-20, V-20M	1.70

Type W8 2 models — up to 13 amps. † = 3 wire, ‡ for 120V 60 cycle only no over voltage connections supplied. Output at 120V, ‡ has over voltage connection and corresponding dial scale.

Stock No.	Type	Fig.	Input Volt	Overvolt Output		Shpg. Rated Max. wt. Lbs.	Net Each			
				Volts	Amps Amps		1-9	10-19	20-99	
3TD-446	W8††	1	120	0-140	8.5	11.	15	21.00	19.95	18.90
3TD-447	W8L#†	1	120	0-120	10.0	13.	15	21.00	19.95	18.90

3TD-451 VB-3 Replacement brushes for above Net Each .90

TYPE W20. 6 models — up to 26 amps. output at 120 v. or 10.4 amps. at 240 v. ‡ has over voltage connection and corresponding dial scale.

Stock No.	Type	Fig.	Input Volt	Overvolt Output		Shpg. Rated Max. Wt. Lbs.	Net Each			
				Volts	Amp. Amp.		1-9	10-19	20-99	
3TD-194X	W20	1	120	0-140	20	26	27	48.00	45.60	43.20
3TD-195X	W20M	2	120	0-140	20	26	27	63.00	59.85	56.70
3TD-196WX	W20MT3*†	3	120	0-140	20	20	38	96.00	91.20	86.40
3TD-197X	W20H	1	240	0-280	8	10.4	27	50.00	47.50	45.00
3TD-198WX	W20HM	2	240	0-280	8	10.4	31	65.00	61.75	58.50
3TD-199WX	W20HMT3*†	3	240	0-280	8	8	35	98.00	93.10	88.20

* = 3 wire

3TD-200 VBT-8 Repl. brushes for above except "H" type Net 2.50

3TD-201 VBT-12 Repl. brushes for "H" type only Net 3.00

TYPE W30. - 4 Models. Up to 36 amps. Output at 120V. or 15.6 amps at 240V.

Stock No.	Type	Fig.	Input Volts	Overvolt Output		Shpg. Rated Max. Wt. Lbs.	NET EACH			
				Volts	Amp Amp		1-9	10-19	20-99	
3TD-218WX	W30	1	120	0-140	30	36	36	81.00	76.95	72.90
3TD-219WX	W30M	2	120	0-140	28	32	46	99.00	94.55	89.10
3TD-220X	W30H	1	240	0-280	12	15.6	36	81.00	76.95	72.90
3TD-221WX	W30HM	2	240	0-280	12	15.6	46	99.00	94.55	89.10
3TD-222	VBT-13 Repl. brushes for above except "H" type									Net 4.00
3TD-223	VBT-14 Repl. brushes for "H" type only									Net 4.00

TYPE W50. 4 models — up to 50 amps. output at 120 v. or 32.5 amps. at 240 v.

Stock No.	Type	Fig.	Input Volt	Overvolt Output		Shpg. Rated Max. Wt. Lbs.	Net Each			
				Volts	Amp. Amp.		1-9	10-19	20-99	
3TD-202WX	W50	1	120	0-140	50	50	65	125.00	118.75	112.50
3TD-203WX	W50M	2	120	0-140	40	45	74	150.00	142.50	135.00
3TD-204WX	W50H	1	240	0-280	25	32.5	67	125.00	118.75	112.50
3TD-205WX	W50HM	2	240	0-280	20	31	76	150.00	142.50	135.00

3TD-206 VBT-6 Repl. brushes for above except "H" type Net 7.50

3TD-207 VBT-7 Repl. brushes for "H" type only Net 7.50

400 CYCLE UNITS FOR POWER SUPPLIES

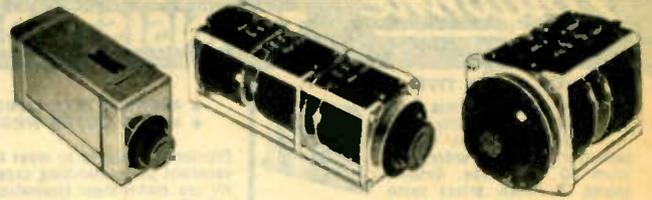
TYPE M-350-1200 CYCLE SERVICE. 4 models-high frequency equivalents of type "W" but much smaller and lighter. Made to MIL-specs for shock, vibration, salt-spray and tropicalization including: high and low temperature lubrication, iridite-treated aluminum parts, fungicidal treatment of all phenolic parts, special nickel-plated brush holder. Uses same brushes as equivalent "W" models.

Stock No.	Type	Fig.	Input Volt	Overvolt Output		Shpg. Rated Max. Wt. Lbs.	Net Each			
				Volts	Amp. Amp.		1-9	10-19	20-99	
3TD-212	M2	1	120	0-140	2.4	3.1	4	15.50	14.73	13.95
3TD-213	M5	1	120	0-140	6	7.8	6	18.50	17.58	16.65
3TD-214	M10	1	120	0-140	10	13	11	35.00	33.25	31.56
3TD-215	M20	1	120	0-140	20	26	18	54.00	51.30	48.60

GENERAL RADIO GANGED AUTOTRANSFORMERS

SINGLE-PHASE GANGED ASSEMBLIES

For 120 volt input for parallel operation, two ganged units use 1-50-P1 choke and three ganged units use 1-50-P1 and 1-50-P2 choke. * for 60 cycle use only, no over-voltage connection provided. All are cased except ▲ which is uncased.



Stock No.	Type No.	Input Volt.	Output Volt. Range	Rated Amps.	Max. Amps.	Gngs.	Shpg. Wt. lbs.	Net Each		
								1-9	10-19	20-99
3TD-229X	W5LG2M*	120	0-120	14.2	18.4	2	23	53.00	50.35	47.70
3TD-230X	W5LG2*▲	120	0-120	17	22	2	21	41.00	38.95	36.90
3TD-231WX	W5LG3M*	120	0-120	21.3	27.6	3	32	72.50	68.87	65.25
3TD-232WX	W5LG3*▲	120	0-120	25.5	33	3	30	59.50	56.53	53.55
3TD-233WX	W20G2M	120	0-140	40	52	2	63	130.00	123.50	117.00
3TD-234WX	W20G2▲	120	0-140	40	52	2	57	106.00	100.70	95.40
3TD-235WX	W30G2M	120	0-140	56	64	2	83	210.00	199.50	189.00
3TD-236WX	W30G2▲	120	0-140	60	72	2	77	180.00	171.00	162.00
3TD-237WX	W50G3M	120	0-140	60	78	3	84	182.00	172.90	163.80
3TD-238WX	W20G3	120	0-140	60	78	3	78	156.00	138.20	130.40
3TD-239WX	W50G2M	120	0-140	80	90	2	160	308.00	292.00	272.20
3TD-240WX	W30G3M	120	0-140	84	96	3	115	299.00	284.05	269.10
3TD-241WX	W50G2▲	120	0-140	100	100	2	147	288.00	254.60	241.20
3TD-242WX	W30G3▲	120	0-140	90	108	3	108	264.00	250.80	237.60
3TD-243WX	W50G3M	120	0-140	120	135	3	221	442.00	419.90	397.80
3TD-244WX	W50G3▲	120	0-140	150	150	3	206	397.00	377.35	357.30

THREE-PHASE GANGED ASSEMBLIES

Two ganged unit uses an Open-Delta connection. With this connection two Variacs will control a three-phase load from a three-phase source. With 240 volt models, output voltages of more than doubled the supply voltage can be obtained, although current and power ratings are halved. Three ganged units use WYE connection. With this connection models can be operated from three-phase lines of twice the voltage rating. All units are cased except ▲ which is uncased. † Over-voltage connection not recommended. W5LG3, W5L3M, W8LG3 are for 60 cycle use only, can be used in WYE if the 3-phase 60 cycle line does not exceed 208 volts.

Stock No.	Type No.	Input Volt.	Output Volt. Range	Rated Amps.	Max. Amps.	Gngs.	Shpg. Wt. lbs.	Net Each		
								1-9	10-19	20-99
3TD-231WX	W5LG3M	208	0-208	7.1	9.2	3	32	72.50	68.87	65.25
3TD-232WX	W5LG3▲	208	0-208	8.5	11	3	30	59.50	56.53	53.55
3TD-449WX	W8LG3▲	208	0-208	10	13	3	38½	70.00	66.50	63.00
3TD-400X	W5HG2▲	240	0-280	2	2.6	2	21	49.00	46.55	44.10
3TD-401X	W5HG2M	240	0-280	2	2.6	2	23	81.00	57.95	54.90
3TD-416X	W2G3M†	240	0-240	2	2.6	3	21	83.00	59.95	56.70
3TD-417	W2G3†▲	240	0-240	2.4	3.1	3	19	52.00	49.40	46.80
3TD-450WX	W8G3†	240	0-240	8.5	11	3	38	70.00	66.50	63.00
3TD-418WX	W10HG2▲	240	0-280	4	5.2	2	33	77.00	73.35	69.30
3TD-419WX	W10HG2M	240	0-280	4	5.2	2	37	97.00	92.15	87.30
3TD-420WX	W5G3M†	240	0-240	5	6.5	3	32	74.00	70.30	66.60
3TD-421WX	W5G3†▲	240	0-240	6	7.8	3	30	61.00	57.95	54.90
3TD-408WX	W20HG2	240	0-280	8	10.4	2	55	110.00	104.50	99.00
3TD-409WX	W20HG2M	240	0-280	8	10.4	2	59	134.00	127.30	120.60
3TD-422WX	W10G3†	240	0-240	10	13	3	48	108.00	102.60	97.20
3TD-423WX	W10G3M†	240	0-240	10	13	3	54	129.00	122.85	116.10
3TD-410WX	W30HG2▲	240	0-280	12	15.6	2	75	180.00	171.00	162.00
3TD-411WX	W30HG2M	240	0-280	12	15.6	2	81	210.00	199.50	189.00
3TD-238WX	W20G3†	240	0-240	20	26	3	78	156.00	148.20	140.40
3TD-237WX	W20G3M†	240	0-240	20	26	3	84	182.00	172.90	163.80
3TD-412WX	W50HG2M	240	0-280	20	31	2	165	300.00	292.60	277.20
3TD-240WX	W30G3M†	240	0-240	28	32	3	115	299.00	284.05	269.10
3TD-413WX	W50HG2▲	240	0-280	25	32.5	2	153	268.00	254.60	231.20
3TD-242WX	W30G3†	240	0-240	30	36	3	108	264.00	250.80	237.60
3TD-243WX	W50G3M†	240	0-240	40	45	3	221	442.00	419.90	397.80
3TD-244WX	W50G3†	240	0-240	50	50	3	206	397.00	377.35	357.30
3TD-425WX	W5HG3M†	480	0-480	2	2.6	3	31	84.50	80.27	76.05
3TD-426WX	W10HG3†	480	0-480	4	5.2	3	46	114.00	108.30	102.66
3TD-427WX	W10HG3M†	480	0-480	4	5.2	3	52	135.00	128.30	121.50
3TD-428WX	W20HG3†	480	0-480	8	10.4	3	73	162.00	153.90	145.80
3TD-429WX	W20HG3M†	480	0-480	8	10.4	3	81	188.00	178.60	169.20
3TD-430WX	W30HG3†	480	0-480	12	15.6	3	107	264.00	250.80	237.60
3TD-431WX	W30HG3M†	480	0-480	12	15.6	3	113	299.00	284.05	269.10
3TD-414WX	W50HG3M†	480	0-480	20	31	3	230	442.00	419.90	397.80
3TD-415WX	W50HG3▲	480	0-480	25	32.5	3	214	397.00	377.35	357.30
3TD-424X	W5HG3†	480	0-480	2	2.6	3	29	71.50	67.93	64.35

240-VOLT GANGED ASSEMBLIES

† do not use with grounded load, are for series operation and requires no choke.

Stock No.	Type No.	Input Volt.	Output Volt. Range	Rated Amps.	Max. Amps.	Gngs.	Shpg. Wt. lbs.	Net Each		
								1-9	10-19	20-99
3TD-400X	W5HG2†▲	240	0-560	1.0	1.3	2	21	49.00	46.95	44.10
3TD-401X	W5HG2M†	240	0-560	1.0	1.3	2	23	81.00	57.95	54.80
3TD-402X	W2G2M†	240	0-280	2.0	2.6	2	15	46.00	44.70	41.40
3TD-403	W2G2†	240	0-280	2.4	3.1	2	14	36.00	34.20	32.40
3TD-404X	W5G2M†	240	0-280	5.0	6.5	2	23	54.00	51.30	48.60
3TD-405X	W5G2†	240	0-280	6.0	7.8	2	21	42.00	39.90	37.80
3TD-448WX	W8G2†	240	0-280	8.5	11	2	25	48.00	45.60	43.20
3TD-406WX	W10G2†	240	0-280	10	13	2	34	73.00	69.35	65.90
3TD-407WX	W10G2M†	240	0-280	10	13	2	38	93.00	88.35	87.30
3TD-408WX	W20HG2▲	240	0-280	16	20.8	2	55	110.00	104.50	99.00
3TD-409WX	W20HG2M	240	0-280	16	20.8	2	59	134.00	127.30	120.60
3TD-234WX	W20G2▲	240	0-280	20	26	2	57	108.00	100.70	95.40
3TD-233WX	W20G2M†	240	0-280	20	26	2	63	130.00	123.50	117.00
3TD-410WX	W30HG2	240	0-280	24	31.2	2	75	180.00	171.00	162.00
3TD-411WX	W30HG2M	240	0-280	24	31.2	2	81	210.00	199.50	189.00
3TD-235WX	W30G2M	240	0-280	28	32	2	83	210.00	199.50	189.00
3TD-236WX	W30G2†	240	0-280	30	36	2	77	180.00	171.00	162.00
3TD-412WX	W50HG2M	240	0-280	40	62	2	165	308.00	292.60	277.20
3TD-413WX	W50HG2▲	240	0-280	50	65	2	153	268.00	254.60	231.20
3TD-414WX	W50HG3M	240	0-280	60	93	3	230	442.00	419.90	397.80
3TD-415WX	W50HG3▲	240	0-280	75	97.5	3	214	397.00	377.35	357.30

METERED UNITS



Input: 120V. 50-60 cycle; Output: 0-140V; Meter Accuracies: ± 3% of full scale; Switching: OFF-ON, 2-pole switch disconnects assembly from both sides of line in OFF position, and Meter RANGE, HIGH-LOW make-before-break to permit switching under load; Terminals: Line 3-wire cord and plug, Load-3-wire outlet receptacle (will accept parallel 2 wire plug); Fusing: low range 1 amp., high range 5 amp. Case Dimension for W5 type: 9½" Hx6¾" Wx6¾" D, except * 9Hx12¾" Wx4½" D, † 12Hx9¾" Wx6½" D, ‡ 6Hx4¾" Wx4½" D.

Stock No.	Type	Input Volts	Out-put Volts	Out-put Amps	METER RANGES	Shpg. Wt. lbs.	Net Each		
							1-9	10-19	20-99
3TD-208	W5MT3A	120	0-140	0.5	0-150	19	93.00	88.85	83.70
3TD-209	W5MT3W	120	0-140	0.5	0-150	19	120.00	114.00	108.00
3TD-225X	W5MT3AW*	120	0-140	0.5	0-150	20	150.00	142.50	135.00
3TD-226X	W10MT3W†	120	0-140	0.10	0-150	24	110.00	104.50	99.00
3TD-227X	W10MT3A†	120	0-140	0.10	0-300	24	145.00	137.75	130.50
3TD-228	W5MT3VM‡	120	0-140	0.5	0-150	8¾	60.00	57.00	54.00

WE CAN SUPPLY ALL GENERAL RADIO VARIAC® AUTOTRANSFORMERS INCLUDING MOTOR DRIVEN MODELS. DIRECT YOUR INQUIRY TO OUR INDUSTRIAL DIVISION.

400-CYCLE GANGED ASSEMBLIES

Available as two ganged assemblies for 120v, three-phase open-delta connection (or for controlling two circuits from a single shaft) and as a three-phase WYE connection (or controlling three circuits from a single shaft) type 50-P1 choke is required when a two ganged unit is to be operated in parallel; for three gang parallel operation a 50-P2 choke in addition to the 50-P1 is required.

Stock No.	Type No.	Gangs	Shpg. wt. lbs.	Net Each		
				1-9	10-19	20-99
3TD-432	M2G2	2	6	37.00	35.35	33.30
3TD-433	M2G3	3	9	53.50	50.83	48.15
3TD-434	M5G2	2	12	43.00	40.85	38.70
3TD-435	M5G3	3	14	62.50	59.37	56.25
3TD-436	M10G2	2	18	77.00	73.35	69.30
3TD-437X	M10G3	3	27	114.00	108.30	102.60
3TD-438WX	M20G2	2	34	118.00	109.25	103.50
3TD-439WX	M20G3	3	48	171.00	162.45	153.90

GENERAL RADIO TYPE 274MB INSULATED DOUBLE PLUG

Attractively designed, Molded-Styrene double plug assembly for rapid and convenient connections in the laboratory. Jack top permits stacking per multiple connections. Low capacitance, low losses, completely insulated for hand protection, polarity indication molded in. A cross hole in the center provides strain relief for attached cables up to 0-2" Dia. Shpg. wt., 5 oz. Net .65

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PRINTED CIRCUIT TYPES

All transformers on this page are strap-mount as illustrated. Printed circuit mounts available on special order. Minimum 50 of a type. Delivery approx. 3 weeks; prices same. Order by Stock No., adding suffix PNB, thus: AR-141-PNB.



- NICKEL-STEEL LAMINATIONS • WOUND ON NYLON BOBBINS
- MYLAR OUTER WRAP • COLOR CODED LEADS

Efficiently designed to meet the needs of miniaturization and engineered to provide excellent power handling capacity and frequency response with minimum distortion. All are nickel-steel laminations. Applications under "TYPE" column shows typical use. Many units may be used for other applications as well. Average net weight 1 1/4 oz.; average shpg. wt., 4 oz. MADE IN U.S.A.

ARGONNE NUMBER	TYPE	IMPEDANCE PRIMARY OHMS	SECONDARY OHMS	UNBALANCED CURRENT PRI. D.C. MA	POWER MILLI-WATTS	D.C. RESISTANCE PRI. OHMS	SEC. OHMS	OVERALL SIZE
AR-141	Input	500,000	1,500 CT	3	350	3600	60	1"x3/4"x3/4"
AR-142	Input	500,000	200 CT	3	350	3500	20	1"x3/4"x3/4"
AR-143	Input	250,000	200 CT	5	350	3600	20	1"x3/4"x3/4"
AR-144	Input	200,000	1,500 CT	5	350	3000	65	1"x3/4"x3/4"
AR-100	Input	200,000	1,000	5	100	3850	90	1"x3/4"x3/4"
AR-126	Input	150,000	1,500 CT	2	100	3700	55	1"x3/4"x3/4"
AR-101	Input	100,000	3,000 CT	5	100	3600	60	1"x3/4"x3/4"
AR-145	Input	100,000	2,000 CT	5	350	3000	50	1"x3/4"x3/4"
AR-102	Input	100,000	1,500 CT	5	100	3600	40	1"x3/4"x3/4"
AR-146	Input	100,000	50	5	350	3000	1.6	1"x3/4"x3/4"
AR-127	Input	50,000	3,000 CT	1	100	2000	50	1"x3/4"x3/4"
AR-128	Input	50,000	1,500 CT	2	100	3000	50	1"x3/4"x3/4"
AR-129	Input	50,000	1,000 CT	2	100	2500	20	1"x3/4"x3/4"
AR-148	Input	50,000	500 CT	1	175	1300	20	3/4"x5/8"x5/8"
AR-149	Input	50,000	200 CT	1	175	1300	10	3/4"x5/8"x5/8"
AR-147	Input	50,000	30 CT	1	175	1300	1.5	3/4"x5/8"x5/8"
AR-150	Input	40,000	100	1	175	850	6	3/4"x5/8"x5/8"
AR-103	Driver	20,000	2,000 CT	1	100	400	50	1"x3/4"x3/4"
AR-104	Driver	20,000	1,000 CT	1	100	400	50	3/4"x5/8"x5/8"
AR-151	Driver	20,000	800 CT	1.5	175	600	60	3/4"x5/8"x5/8"
AR-105	Driver	20,000	400	1	100	600	30	1"x3/4"x3/4"
AR-130	Output	20,000	8	5	100	400	0.6	3/4"x5/8"x5/8"
AR-131	Output	20,000	3.2	5	100	400	0.3	3/4"x5/8"x5/8"
AR-106	Driver	16,000	4,000	1	100	620	350	3/4"x5/8"x5/8"
AR-152	Driver	15,000	200 CT	1.5	175	550	10	3/4"x5/8"x5/8"
AR-107	Driver	15,000	200	1.5	250	1000	20	1"x3/4"x3/4"
AR-108	Driver	10,000	3,000 CT	1.5	100	200	100	3/4"x5/8"x5/8"
AR-109	Driver	10,000	2,000 CT	1.5	100	500	50	3/4"x5/8"x5/8"
AR-153	Driver	10,000	200 CT	2	175	400	10	3/4"x5/8"x5/8"
AR-110	Output	10,000	16	2	150	600	2.5	3/4"x5/8"x5/8"
AR-132	Output	10,000	8	1	100	600	6	3/4"x5/8"x5/8"
AR-133	Output	10,000	3.2	1	100	600	3	3/4"x5/8"x5/8"
AR-158	Input	5,000 CT	80,000	2	175	350	1800	3/4"x5/8"x5/8"
AR-157	Input	5,000	45,000	2	175	250	1600	3/4"x5/8"x5/8"
AR-156	Input	5,000	30,000	2	175	150	1300	3/4"x5/8"x5/8"
AR-155	Input	5,000	10,000	2	175	150	450	3/4"x5/8"x5/8"
AR-154	Input	5,000	7,500 CT	2	175	150	400	3/4"x5/8"x5/8"
AR-173	Driver	5,000	3,000 CT	2	350	350	90	1"x3/4"x3/4"
AR-111	Output	5,000	100	1	100	600	10	3/4"x5/8"x5/8"
AR-134	Output	4,000 CT	8	4	250	150	150	1"x3/4"x3/4"
AR-135	Output	4,000 CT	3.2	4	250	150	150	1"x3/4"x3/4"
AR-112	Output	3,500	200	1	150	120	25	1"x3/4"x3/4"
AR-113	Driver	3,000 CT	1,000	9	150	100	60	3/4"x5/8"x5/8"
AR-114	Output	2,500	11	10	150	50	1.1	3/4"x5/8"x5/8"
AR-115	Input	2,000 CT	8,000 CT	2	150	150	660	1"x3/4"x3/4"
AR-116	Output	2,000	200	4	250	120	20	1"x3/4"x3/4"
AR-175	Driver	2,000	1,500 CT	2	350	150	60	1"x3/4"x3/4"
AR-159	Driver	1,500	500 CT	4	175	100	20	3/4"x5/8"x5/8"
AR-136	Output	1,000 CT	100	4	250	120	10	1"x3/4"x3/4"
AR-137	Output	1,000 CT	8	4	250	120	9	1"x3/4"x3/4"
AR-138	Output	1,000 CT	3.2	4	250	120	.3	1"x3/4"x3/4"
AR-160	Output	800 CT	3.2	5	175	40	3	3/4"x5/8"x5/8"
AR-161	Output	650 CT	16	5	175	27	1.3	3/4"x5/8"x5/8"
AR-162	Output	500 CT	500 CT	5	350	18	18	1"x3/4"x3/4"
AR-163	Output	500 CT	150 CT	5	175	18	8	3/4"x5/8"x5/8"
AR-165	Output	500 CT	50	5	175	18	4	3/4"x5/8"x5/8"
AR-117	Output	500 CT	30	5	100	20	1.5	3/4"x5/8"x5/8"
AR-118	Output	500 CT	16	5	100	20	1.5	3/4"x5/8"x5/8"
AR-164	Output	500 CT	8	5	175	18	8	3/4"x5/8"x5/8"
AR-119	Output	500 CT	3.2	5	100	20	3	3/4"x5/8"x5/8"
AR-166	Output	400 CT	16	5	175	16	1.3	3/4"x5/8"x5/8"
AR-120	Output	400 CT	11	1	150	20	9	3/4"x5/8"x5/8"
AR-167	Output	400 CT	8 or 3.2	5	175	16	6/3	3/4"x5/8"x5/8"
AR-168	Output	300 CT	16	6	175	12	1.4	3/4"x5/8"x5/8"
AR-121	Output	300 CT	3.2	6	150	20	25	3/4"x5/8"x5/8"
AR-139	Output	250 CT	8	2	250	15	7	1"x3/4"x3/4"
AR-122	Output	250 CT	3.2	2	150	11	3	1"x3/4"x3/4"
AR-123	Input	200	2,000 CT	2	150	11	50	1"x3/4"x3/4"
AR-124	Output	200 CT	16	2	250	20	1.3	3/4"x5/8"x5/8"
AR-169	Output	200 CT	8 or 3.2	7	175	9	6/3	3/4"x5/8"x5/8"
AR-140	Output	200 CT	3.2	2	100	10	3	3/4"x5/8"x5/8"
AR-170	Output	160 CT	8 or 3.2	8	350	10	6/3	1"x3/4"x3/4"
AR-176	Output	125 CT	8	8	350	4	7	1"x3/4"x3/4"
AR-174	Output	125 CT	3.2	8	350	6	3	1"x3/4"x3/4"
AR-171	Output	100 CT	10 CT	10	175	4	8	3/4"x5/8"x5/8"
AR-172	Output	48 CT	8 or 3.2	15	350	2.3	6/3	1"x3/4"x3/4"
AR-125	Input	3	4,000	15	250	14	50	3/4"x5/8"x5/8"

TRANSISTOR TRANSFORMERS - SPECIAL TRANSFORMERS



ARGONNE HI-FI TRANSISTOR TRANSFORMERS

- DESIGNED FOR WIDE RANGE TRANSISTOR AUDIO AMPLIFIERS.
- 20-20,000 CPS ± 0.25 DB

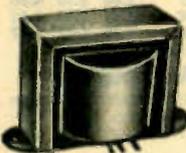
Completely encased transformers specifically designed for use in transistorized, wide range, high fidelity audio amplifiers. Both driver and output have a frequency response of 20 to 20,000 cps ± 0.25 db when used in properly designed circuits. At full power rating of 1.5 watts the same response may be achieved at ± 2 db. Size: 1 1/4" x 1 1/4" x 1 3/4". Threaded mounting studs. Color coded leads. Shpg. wt., 9 ozs.

DRIVER TRANSFORMER

Primary impedance 5000 ohms, 3000 ohm center tapped secondary, DC resistance of primary 50 ohms, of secondary 75 ohms. Unbalanced primary current 20 ma DC. Net 5.75

OUTPUT TRANSFORMER

Primary impedance, 125 ohms center tapped. Secondary impedance, 8 ohms. DC resistance of primary is 4 ohms, of secondary, 0.8 ohms. Unbalanced primary current 50 ma DC. Net 5.75



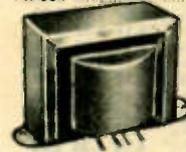
POWER TRANSISTOR AUDIO TRANSFORMERS

- DESIGNED FOR HIGH OUTPUT TRANSISTORS
 - USED IN AUTO RADIOS - PA SYSTEMS - INTERCOMS - ETC.
- ### OUTPUT TRANSFORMER

Rated 6 watts. Frequency response 70 to 20,000 cycles ± 2 db. Primary impedance, 48 ohms center tapped. Secondary, 3.2 ohms; Primary DC resistance 1.1 ohms, secondary 0.3 ohms. Unbalanced primary current 500 ma DC. Size 1 1/4" x 1 7/8" x 1 1/2". Shpg. wt., 1 lb. Net 1.75

INPUT TRANSFORMER

Rated 2 watts. Frequency response 70 to 20,000 cps ± 2 db. Primary impedance 100 ohms. Secondary impedance 200 ohms CT. Primary DC resistance 1.8 ohms, secondary 2.7 ohms. Unbalanced primary current, 200 ma DC. Size 1 1/4" x 1 7/8" x 1 1/2". wt., 1 lb. Net 1.50



UNIVERSAL POWER TRANSISTOR OUTPUT TRANSFORMER

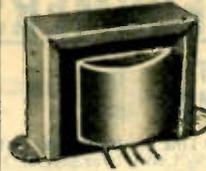
- DESIGNED FOR THE EXPERIMENTER
- PRI. TAPPED AT 8-12-16-24-32 AND 48 OHMS
- RATED 10 WATTS

Lafayette's latest transistor circuit component. Engineered for construction projects using the increasingly popular power transistors. Will also serve as a general replacement for many transistorized auto radios. Rated at 10 watts for push-pull operation. Primary tapped at 8, 12, 16, 24, 32 and 48 ohms. Secondary tapped at 4, 8 and 16 ohms. Sizes 3 1/4" x 2 1/4" x 2 1/4". Shpg. wt., 3 lbs. Net 3.75

TRANSISTOR OUTPUT TRANSFORMER

Only 3/8" x 7/8" x 1 1/4". 2000 ohm primary to 10 ohm voice coil. Matches most transistor outputs. Shpg. wt., 8 ozs. Net .69

TRANSISTOR OUTPUT TRANSFORMERS RATED 150 MW



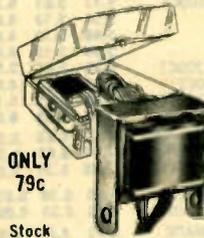
Here is an outstanding value in the most popular transistor output transformer for 10 to 15 ohm speakers. Rated power is 150 milliwatts. Primary impedance is 400 ohms, center-tapped and secondary 11 ohms. DC resistance of primary is 20 ohms and secondary .9 ohms. Size: 3/4" x 3/8". Shpg. wt., 4 ozs. Imported. Net .89

100 MW TRANSISTOR DRIVER TRANSFORMER

Primary impedance 20,000 ohms. Secondary impedance 1000 ohms. DC resistance of primary 400 ohms, of secondary 50 ohms. Unbalanced primary current 1 ma DC. Rated 100 mw. Size: 3/4" x 3/8" x 3/8". Shpg. wt., 4 ozs. Imported. Net .89

SUBMINIATURE TRANSISTOR AUDIO TRANSFORMERS

ONLY 1/2" x 1/2" x 1/2"



A new series of miniature transformers for transistor and experimental miniature circuits. Ideal for miniature radio receivers, amplifiers, hearing aids, etc., using standard transistors. Incorporate special heat-treated high permeability magnetic cores treated to resist corrosion. Designed for improved frequency response with low distortion. 3" color-coded leads. Average shpg. wt., 4 oz. Imported

Stock No.	Circuit	Impedance		D.C. Resistance		Net
		Pri. Ohms	Sec. Ohms	Pri. Ohms	Sec. Ohms	
TR-97	INPUT	100,000	1000	1000	1000	.79
TR-98	DRIVER	10,000	2000 C.T.	240	60 C.T.	.79
TR-99	OUTPUT	500 C.T.	3.2	42 C.T.	0.7	.79
TR-120	INPUT	200,000	1000	1400	50.5	.89
TR-116	OUTPUT	500 C.T.	8	50 C.T.	1.7	.79

MINIATURE TRANSISTOR TRANSFORMERS

- TRULY MINIATURE—ONLY 3/4" x 5/8" x 3/4"
- MATCHES ANY 3.2 OHM SPEAKER
- EXCELLEN FOR RECEIVER REPLACEMENT TRANSISTOR OUTPUT
- TRANSISTOR OUTPUT TRANSFORMER



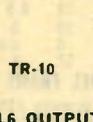
Here is an outstanding value in the most popular transistor output transformer for 3.2 ohm speakers—and an exact replacement for all commercial receivers using such a transformer. May be used either single ended or push-pull. Wound on nylon bobbins with mylar outer wrap with laminations on nickel-steel and silicone-steel. Rated power is 100 milliwatts. Primary impedance is 500 ohms center-tapped and secondary 3.2 ohms. DC resistance of primary is 20 ohms and secondary .3 ohms. Ideal for transistorized receivers, audio amplifiers, Code practice oscillators, etc. Color coded leads. Net wt., 1 1/4 oz. Shpg. wt., 4 oz. Imported. Net .89

TRANSISTOR DRIVER TRANSFORMER

Single-ended transformer for driving transistor power-stage. Impedances 10,000 ohms pri., 2000 ohm C.T. sec.: dc res. 500 ohms pri., 50 ohms sec. 1.5 ma. dc unbalanced pri. current. Rated 100 mw. 3/4" x 3/8" x 3/8". Shpg. wt., 4 oz. Imported. Net .89

SPECIAL LAFAYETTE TRANSFORMERS

SPECIAL LAFAYETTE TRANSFORMERS



Matches 50L6, 35L6, 25L6, etc. to 3-4 ohm voice coil. Shpg. wt., 1/2 lb. TR-10—Singly, each .49 Lots of 5, Ea. .45 Lots of 10, Ea. .41

6.3 VOLT FILAMENT TRANSFORMER

Primary 115V. Secondary 6.3V at 1 amp. Shpg. wt., 3/4 lbs. TR-11—Singly, each .89 Lots of 5, Ea. .81

UNIVERSAL OUTPUTS

Match any single or push-pull output tubes to any voice coil. Shpg. wt., 3/4 lbs. TR-12—4 watt—Singly, each 1.39 In lots of 5, each 1.26 TR-13—8 watt—Singly, each 1.53 In lots of 5, each 1.38

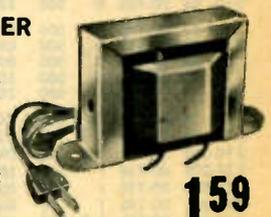
STEP DOWN AUTO TRANSFORMERS

230 to 115V. All supplied with 6' Heavy duty line Cord and built in receptacle.

Stock #	Wattage	Primary	Secondary	Shpg. Wt.	Receptacle	
					Singly each	Lots of 5 each
TR-100	100	230	115V	5	4.00	3.60
TR-101	150	230	115V	5 1/2	4.65	4.20
TR-102	250	230	115V	8	6.40	5.80
TR-103	350	230	115V	9 1/2	6.85	6.15
TR-104	500	230	115V	14	8.65	7.80
TR-105	750	230	115V	19	11.50	10.35
TR-106WX	1000	230	115V	25	15.40	13.90
TR-107WX	1500	230	115V	31	18.35	16.50

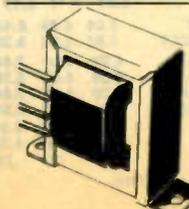
POWER/ISOLATION TRANSFORMER

Here is a versatile power transformer that is ideal for experimenters, hobbyists and constructors. Primary 117 volts and secondary 105 volts no-load—82 volts with 150 ma filament load. Literally hundreds of uses for this versatile unit. A 12 page booklet gives pictorial and schematic diagrams for using this transformer in circuits for broadcast receiver phone oscillator, audio amplifier broadcast station, code practice oscillator, capacity operated relay, signal tracer, electronic timer, electronic switch and photocell relay. Minimizes the danger of shock by isolating circuits from the power line. Size: 2 1/4" x 2 1/4" x 1 1/2". Shpg. wt., 3 lbs. Net 1.59



TR-91 Transformer Net 1.59

POWER TRANSFORMER for SELENIUM RECTIFIER CIRCUITS



Most popular replacement power transformer for circuits using selenium rectifiers or rectifier tubes such as 6AX5, 6X4, 6X5. Primary is 117V 60 Cycles A.C. Plate supply is 125 VAC 1/2 wave at 15 ma with 6.3V 0.6 amp filament winding. Size: 2 x 2 3/4" x 1 3/8". Shpg. wt., 1 lb. Net 1.59

UTC INDUSTRIAL AND HI FIDELITY TRANSFORMERS

UTC "DIT" AND "DOT" TRANSISTOR TRANSFORMERS

Metal cased, hermetically sealed to MIL-T-27A grade 4 specs. Uses: I—INTERSTAGE, O—OUTPUT, D—DRIVER, L—LINE TO LINE, X—ISOLATION. "DIT" SIZE: 3/8" Diam. x 1/4 L Wt. = .05 Oz. "DOT" SIZE: 1/2" Diam. x 1/2 L Wt. 1/10 oz. Shpg. wt., 1oz

"DIT" TRANSFORMERS

STOCK NO.	UTC TYPE USE	MW LEVEL	PRIM IMP	SEC IMP	May Be Assorted			
					1-24 EA	25-99 EA	100-UP EA	
3TC-201	DI-T1	I	50	20K/30K	800/1200	5.88	5.10	4.80
3TC-22	DI-T2	O	100	500/600	50/60	5.29	4.59	4.32
3TC-23	DI-T3	O	100	1K/1200	50/60	5.29	4.59	4.32
3TC-202	DI-T5	O	100	1200	3.2	5.29	4.59	4.32
3TC-25	DI-T9	O, D	100	10K/12K	500CT/600CT	6.47	5.61	5.28
3TC-26	DI-T10	D	100	10K/12,500	1200CT/1500CT	6.47	5.61	5.28
3TC-27	DI-T11	D	100	10K/12,500	2K CT/2500CT	6.47	5.61	5.28
3TC-28	DI-T19	O	500	300CT	600	5.88	5.10	4.80
3TC-29	DI-T20	O, L	500	500CT	600	5.88	5.10	4.80
3TC-203	DI-T21	O	500	900CT	600	5.88	5.10	4.80
3TC-31	DI-T23	I	100	20K CT/30K CT	800CT/1200CT	6.76	5.87	5.52
3TC-30	DI-T22	O	500	1500CT/600	600/1500CT	5.88	5.10	4.80
3TC-32	DI-T25	I, X	100	10K CT/12K CT	1500CT/1800CT	7.06	6.12	5.76
3TC-36	DI-T36	I, X	100	10K CT/12K CT	10K CT/12K CT	7.35	6.38	6.00
3TC-308	DI-T37	I, X	100	2KCT/2500CT	8K split/10K split	7.64	6.63	6.24
3TC-309	DI-T38	I	100	10KCT/12KCT	2K split/2400K split	7.64	6.63	6.24
3TC-310	DI-T41	I, O	500	400CT/500CT	400 split/500 split	7.35	6.38	6.00
3TC-327	DI-T43	I	500	400CT/500CT	40 split/50 split	7.35	6.38	6.00
3TC-328	DI-T44	I	500	80CT/100CT	32 split/40 split	7.35	6.38	6.00
3TC-24	DI-T8	Inductor	2.5 HY	@ 2 MADC		4.70	4.08	3.84
3TC-33	DI-T26	Inductor	4.5 HY	@ 2 MADC		5.50	4.85	4.56
3TC-34	DI-T27	Inductor	.9 HY	@ 2 MADC		4.70	4.08	3.84
3TC-35	DI-T28	Inductor	.1 HY	@ 4 MAOC		4.70	4.08	3.84
3TC-37	DI-TSH			Hiperm Shield For All "Dits"		.88	.77	.72

UTC "DOT" TRANSISTOR TRANSFORMERS

STOCK NO.	UTC TYPE USE	MW LEVEL	PRIM IMP	SEC IMP	May Be Assorted			
					1-24 EA	25-99 EA	100-UP EA	
3TC-38	DO-T1	I	50	20K/30K	800/1200	5.88	5.10	4.80
3TC-39	DO-T2	O	100	500/600	50/60	5.29	4.59	4.32
3TC-40	DO-T3	O	100	1K/1200	50/60	5.29	4.59	4.32
3TC-41	DO-T4	O	100	600	3.2	5.29	4.59	4.32
3TC-42	DO-T5	O	100	1200	3.2	5.29	4.59	4.32
3TC-43	DO-T6	O	100	10K	3.2	5.88	5.10	4.80
3TC-44	DO-T7	O	25	200K/500	1K/100K	6.47	5.61	5.28
3TC-46	DO-T9	O, D	100	10K/12K	500CT/600CT	6.47	5.61	5.28
3TC-47	DO-T10	D	100	10K/12,500	1200CT/1500CT	6.47	5.61	5.28
3TC-48	DO-T11	D	100	10K/12,500	2K CT/2500CT	6.47	5.61	5.28
3TC-49	DO-T12	O	500	150CT/200CT	12/16	5.59	4.85	4.56
3TC-50	DO-T13	O	500	300CT/400CT	12/16	5.59	4.85	4.56
3TC-51	DO-T14	O	500	600CT/800CT	12/16	5.88	5.10	4.80
3TC-52	DO-T15	O	500	800CT/1070CT	12/16	5.88	5.10	4.80
3TC-53	DO-T16	O	500	1K CT/1330CT	12/16	5.88	5.10	4.80
3TC-54	DO-T17	O	500	1500CT/2K CT	12/16	5.88	5.10	4.80
3TC-55	DO-T18	O	500	7500CT/10K CT	12/16	6.17	5.36	5.04
3TC-56	DO-T19	O	500	300CT	600	5.88	5.10	4.80
3TC-57	DO-T20	O, L	500	500CT	600	5.88	5.10	4.80
3TC-58	DO-T21	O	500	900CT	600	5.88	5.10	4.80
3TC-59	DO-T22	O	500	1500CT/600	600/1500CT	5.88	5.10	4.80
3TC-60	DO-T23	I	100	20 KCT/30 KCT	800CT/1200CT	6.76	5.87	5.52
3TC-61	DO-T24	I	25	200KCT/500KCT	1KCT/100KCT	7.35	6.38	6.00
3TC-62	DO-T25	I	100	10KCT/12KCT	1500CT/1800CT	7.06	6.12	5.76
3TC-66	DO-T29	O	500	120CT/150CT	3.2/4	5.59	4.85	4.56
3TC-67	DO-T30	O	500	320CT/400CT	3.2/4	5.59	4.85	4.56
3TC-68	DO-T31	O	500	640CT/800CT	3.2/4	5.88	5.10	4.80
3TC-69	DO-T32	O	500	800CT/1KCT	3.2/4	5.88	5.10	4.80
3TC-70	DO-T33	O	500	1060CT/1330CT	3.2/4	5.88	5.10	4.80
3TC-71	DO-T34	O	500	1600CT/2KCT	3.2/4	5.88	5.10	4.80
3TC-72	DO-T35	O	100	8KCT/10KCT	3.2/4	6.17	5.36	5.04
3TC-73	DO-T36	I, X	100	10KCT/12KCT	10KCT/12KCT	7.35	6.38	6.00
3TC-204	DO-T37	I, X	100	2KCT/2500CT	10K SPLIT 8K SPLIT	7.84	6.63	6.24
3TC-205	DO-T38	I	100	10KCT/12KCT	2400 SPLIT 2K SPLIT	7.84	6.63	6.24
3TC-208	DO-T39	I	100	20KCT/30KCT	1500 SPLIT 1K SPLIT	7.84	6.63	6.24
3TC-207	DO-T40	I	50	40KCT/50KCT	500 SPLIT 400 SPLIT	8.23	7.14	6.72
3TC-208	DO-T41	I, O	500	400CT/500CT	500 SPLIT 400 SPLIT	7.35	6.38	6.00
3TC-209	DO-T42	I	500	400CT/500CT	150 SPLIT 120 SPLIT	7.35	6.38	6.00
3TC-210	DO-T43	I	500	400CT/500CT	50 SPLIT 40 SPLIT	7.35	6.38	6.00
3TC-211	DO-T44	I	500	80CT/100CT	40 SPLIT 32 SPLIT	7.35	6.38	6.00
3TC-311	DO-T45	I	100	1KCT/1250CT	16K split	7.64	6.63	6.24
3TC-312	DO-T46	I	25	100 KCT	500 CT	6.23	7.14	6.72
3TC-329	DO-T47	IX	100	9KCT/10KCT	9KCT/10KCT	7.94	6.89	6.48
3TC-330	DO-T48	I	100	8KCT/10KCT	1200CT/1500CT	7.64	6.63	6.24
3TC-45	DO-T8	Inductor	3.5 HYS	@ 2 MADC		4.70	4.08	3.84
3TC-63	DO-T26	Inductor	6 HYS	@ 2 MADC		5.59	4.85	4.56
3TC-64	DO-T27	Inductor	1.25 HYS	@ 2 MADC		4.70	4.08	3.84
3TC-65	DO-T28	Inductor	.3 HYS	@ 4 MADC		4.70	4.08	3.84
3TC-331	DO-T49*	Inductor	20 Hy @	1 MADC		7.64	6.63	6.24
3TC-332	DO-T50*	Inductor	.075 Hy @	10 MADC		5.54	4.85	4.56
3TC-74	DO-TSH			Hiperm Shield For All "Dots"		.88	.77	.72

* Ratings for series connection. For parallel double current 1/4 induction.

DI-T200 TRANSISTOR TRANSFORMER

Same as the series on the left except lead material used is 1" long .017 Dumet wire, gold plated and leads spaced on 1" radius and conform to the "TO-S" cased semiconductors and micrologic elements. All rated at 500 mw level except \uparrow is 100 mw level. Meets MIL-T-27A Specs. M = matching, I = Interstage, O = Output, L = Line to Line, X = Isolation, D = Driver, Size, 3/8" Dia. x 1/2" Shpg. wt., 1 oz.

Stock No.	UTC Type	Use	Pri. Imp.	Sec. Imp.	MAY BE ASSORTED 1-24 25-99 100-up		
					EA	EA	EA
3TC-340	DI-T225	I	80 CT/100 CT	32 split/40 split	8.23	7.14	6.72
3TC-341	DI-T230	OL	300 CT	600 CT	7.06	6.12	5.76
3TC-342	DI-T235	I	400 CT/500 CT	40 split/50 split	8.23	7.14	6.72
3TC-343	DI-T240	OI	400 CT/500 CT	400 split/500 split	8.23	7.14	6.72
3TC-344	DI-T245	OM	500 CT/600 CT	50 CT/60 CT	6.76	5.87	5.52
3TC-345	DI-T250		500 CT	600 CT			
3TC-346	DI-T255	OM	1K CT/1,2K CT	50 CT/60 CT	7.06	6.12	5.76
3TC-347	DI-T260	M	1,5K CT	600 CT	7.06	6.12	5.76
3TC-348	DI-T265	IX	2K CT/2,5K CT	8K split/10K split	8.53	7.40	6.96
3TC-349	DI-T270	OD	10K CT/12K CT	500 CT/600 CT	7.64	6.63	6.24
3TC-350	DI-T273	OD	10K CT/12,5K CT	1,2K CT/1,5K CT	7.64	6.63	6.24
3TC-351	DI-T276	ID	10K CT/12K CT	2K CT/2,4K CT	7.64	6.63	6.24
3TC-352	DI-T278	ID	10K CT/12,5K CT	2K split/2,5K split	8.53	7.40	6.96
3TC-353	DI-T283	IX	10K CT/12K CT	10, K CT/12, K CT	8.23	7.14	6.72
3TC-354	DI-T288	ID	20K CT/30K CT	800 CT/1,2K CT	7.94	6.89	6.48
3TC-355	DI-T204*		Split Inductor 1 Hy @ 4 maDC		5.88	5.10	4.80
3TC-356	DI-T208*		Split Inductor 9 Hys @ 2 maDC		5.88	5.10	4.80
3TC-357	DI-T212*		Split Inductor 2.5 Hys @ 2 maDC		5.88	5.10	4.80
3TC-358	DI-T216		Split Inductor 4.5 Hys @ 2 maDC		6.76	5.87	5.52

*Ratings for series connection. For parallel double current 1/4 induction.

MINIATURE WIDE APPLICATION PULSE TRANSFORMERS

Highly reliable wound core pulse transformer. Hermetically sealed by vacuum molding, usable from -70°C to +130°C. Width micro-stipulates both blocking oscillator and coupling characteristics. Meets MIL-T-21038B. All have ratio 1:1:1 except * = 5:3:1. Av. shpg. wt., 2 oz.

Stock No.	Mfr. No.	Pri. Sec.	Terty Out.	Width	Size	May Be Assorted				
						1-24 EA	25-99 EA	100-UP EA		
3TC-289	H-45	3	3.5	4	250	0.05	3/8x3/8"	6.61	5.75	5.40
3TC-290	H-46	5.5	6.5	7	250	.10	3/8x3/8"	6.61	5.75	5.40
3TC-291	H-47	3.7	4.0	4	500	.20	3/8x3/8"	5.88	5.10	4.80
3TC-292	H-48	5.5	5.8	6	500	.50	3/8x3/8"	5.88	5.10	4.80
3TC-293	H-49	8	8.5	9	500	1	3/8x3/8"	5.88	5.10	4.80
3TC-294	H-50	20	21	22	500	2	3/8x3/8"	5.88	5.10	4.80
3TC-295	H-51	28	31	33	500	3	3/8x3/8"	5.88	5.10	4.80
3TC-296	H-52	36	41	44	1000	5	3/8x3/8"	5.88	5.10	4.80
3TC-297	H-53	37	44	49	1000	7	3/8x3/8"	5.88	5.10	4.80
3TC-298	H-54	50	58	67	1000	10	3/8x3/8"	6.17	5.36	5.04
3TC-299	H-55	78	96	112	1000	16	3/8x3/8"	6.17	5.36	5.04
3TC-300	H-56	93	116	138	1000	20	3/8x3/8"	6.17	5.36	5.04
3TC-301	H-57	104	135	165	1000	25	3/8x3/8"	6.17	5.36	5.04
3TC-336	H-461*	9.6	6.4	2.5	700/250	.1	3/8x3/8"	6.62	5.75	5.40
3TC-337	H-501*	30	20	7	1400/500	2	3/8x3/8"	5.88	5.10	4.80
3TC-338	H-531*	66	47	17	2800/1000	7	3/8x3/8"	5.88	5.10	4.80
3TC-339	H-561*	180	142	53	2800/1000	20	3/8x3/8"	6.18	5.36	5.04

UTC PIP TRANSISTOR PULSE TRANSFORMER

Hermetically sealed subminiature type 4:4:1 ratio. Checked and adjusted in transistor test circuit for correct pulse width. Width is same in both coupling circuit or blocking osc. Size 3/8" dia x 3/8" high Wt. 1/2 oz.

Stock No.	UTC Type	Blocking Width	Osc. Rise Time	Pulse % Back Swing	Coupling Circuit		Imp. In	May Be Assorted			
					Rise Time	Back Swing		1-24 EA	25-99 EA	100-up EA	
3TC-318	PIP-1	.05	.02	37	9	.018	12	50	5.88	5.10	4.80
3TC-319	PIP-2	.1	.025	25	8	.02	5	50	5.88	5.10	4.80
3TC-320	PIP-3	.2	.030	15	7	.035	5	100	5.88	5.10	4.80
3TC-321	PIP-4	.5	.05	15	7	.06	0	100	5.88	5.10	4.80
3TC-322	PIP-5	1	.08	14	6.8	.15	5	100	5.88	5.10	4.80
3TC-323	PIP-6	2	.10	15	6.6	.18	10	100	5.88		

UTC TRANSFORMERS



UTC OUNCER AUDIO UNITS

Weigh only 1 oz. Fully-impregnated and sealed. 7/8" DIAM. x 1 1/8" H. Shpg. wt., 4 oz.

INPUT AND MIXING OUNCERS

Freq. response 30-20,000 CPS ± 1 DB except * is 50-5000. Max. level dbm + 8 except Δ is + 15.

STOCK NO.	UTC TYPE	PRIMARY IMP	SEC IMPED	May Be Assorted		
				1-24 EA	25-99 EA	100-UP EA
3TC-129	0-1	50/200/250/500/600	50,000	7.84	6.63	6.24
3TC-130	0-2	50/200/250/500/600	50,000CT	7.64	6.83	6.24
3TC-131	0-3	7.5/30	50,000	7.35	6.38	6.00
3TC-139	0-11	50,000	50/200/250/500/600	7.84	6.63	6.24
3TC-140	0-12	50,200/250	50/200/250/500/600	7.64	6.83	6.24
3TC-142	0-14*	200	1/2 Megohm	7.35	6.38	6.00
3TC-144	0-16	250CT	50,000	10.00	6.67	6.16
3TC-226	0-25Δ	600/150 SPLIT	2000/500 SPLIT	7.94	6.89	6.48

INTERSTAGE OUNCERS

Freq. response ± 1 DB types 0-4 and 0-6 = 30-20K; 0-5 and 0-7 = 200-10K; 0-15 = 100-3K; all others 100-20K. Max. level MW types 0-4 thru 0-15 is 6.3; types 0-18 thru 0-30 is 100; others 1 watt at 200 cycles, 1/4W at 100 cycles.

STOCK NO.	UTC TYPE	PRIMARY IMP UNBAL. MADC	SEC IMP	May Be Assorted		
				1-24 EA	25-99 EA	100-UP EA
3TC-132	0-4	15,000	60,000	6.47	5.61	5.28
3TC-133	0-5	15,000, 4MA	60,000	6.47	5.61	5.28
3TC-134	0-6	15,000	95,000CT	7.35	6.38	6.00
3TC-135	0-7	15,000, 4MA	95,000CT	7.35	6.38	6.00
3TC-143	0-15	15,000	1 MEG	7.35	6.38	6.00
3TC-146	0-18	10K/2.5K SPLIT, 4MA	2000/500 SPLIT	7.84	6.63	6.24
3TC-147	0-19	10K/2.5K SPLIT, 4MA	4K/1K SPLIT	7.84	6.63	6.24
3TC-227	0-26	10,000CT, 4MA	10,000	7.94	6.89	6.48
3TC-228	0-27	10,000CT, 4MA	500/125 SPLIT	6.23	7.14	6.72
3TC-229	0-28	50,000CT, 2MA	500/125 SPLIT	6.23	7.14	6.72
3TC-230	0-29	100,000CT, 1MA	500/125 SPLIT	6.53	7.40	6.96
3TC-231	0-30	500/125 SPLIT, 20MA	500/125 SPLIT	7.94	6.89	6.48
3TC-232	0-31	500/125 SPLIT, 20MA	150/37.5 SPLIT	7.94	6.89	6.48
3TC-233	0-32	500/125 SPLIT, 20MA	50/12.5 SPLIT	7.94	6.89	6.48
3TC-234	0-33	100/25 SPLIT, 40MA	40/10 SPLIT	7.94	6.89	6.48

OUTPUT OUNCERS

Freq. response ± 1 DB 100-20K except * is 30-20K and 0-9 is 200-10K. Max. level MW 6.3 except † is 100 and 0-22 is 1W at 200 cycles.

STOCK NO.	UTC TYPE	PRIMARY IMP UNBAL. MADC	SEC IMP	May Be Assorted		
				1-24 EA	25-99 EA	100-UP EA
3TC-136	0-8*	15,000	50/200/250/500/600	7.84	6.63	6.24
3TC-137	0-9	15,000, 4MA	50,200/250,500/600	7.64	6.83	6.24
3TC-138	0-10*	30,000CT	50,200/250,500/600	6.23	7.14	6.72
3TC-148	0-20†	1500CT, 8MA	500/125 SPLIT	6.17	5.36	5.04
3TC-149	0-21†	2KCT, 4MA; 4KCT	8/16	5.29	4.59	4.32
3TC-150	0-22	400CT, 20MA; 500CT	3.2/4	5.29	4.59	4.32

REACTORS

STOCK NO.	UTC TYPE	DESCRIPTION	May Be Assorted		
			1-24 EA	25-99 EA	100-UP EA
3TC-141	0-13	300 Hys. @ 0 D.C.; 50 Hys. @ 3 MADC; 6000 Ohms	6.17	5.36	5.04
3TC-151	0-23	7 Hys. @ 3 MADC; 3.5 Hys. @ 10 MADC; 230 Ohms	5.00	4.34	4.08
3TC-152	0-24	1.6 Hys. @ 3 MADC; 8 Hys. @ 10 MADC; 25 Ohms	5.00	4.34	4.08

SHIELD

3TC-145	Type 0-17	Hiperm Shield for 25 DB shielding	1.47	1.28	1.20
3TC-317	SO-CH	Mounting Channel for above	.30	.26	.24

UTC SUB-OUNCERS

"Construction & "Use" column same as sub-ouncers listed on this page. Size 3/4x3/4x3/4". Weigh 1/2 oz. Max. level SO-1 + 10 dbm, SO-2 100 MW, SO-3 thru SO-8 200 MW, others 250 MW. Shpg. wt., 2 oz.

STOCK NO.	UTC TYPE	USE	PRIM IMP	MADC	SEC IMP	May Be Assorted		
						1-24 EA	25-99 EA	100-UP EA
3TC-153	SO-1	A	200/50	0	250K/62.5K	3.53	3.06	2.88
3TC-154	SO-2	I	10K	0.25	90K	3.23	2.81	2.64
3TC-155	SO-3	P	10K/25K	3/1.5	200/500	3.23	2.81	2.64
3TC-156	SO-4	O	30K	1.0	50	3.23	2.81	2.64
3TC-158	SO-6	O	100K	.5	60	3.82	3.32	3.12
3TC-159	SO-7	TI	20K/30K	.5/1.5	800/1200	2.94	2.55	2.40
3TC-160	SO-8	TP	10K	1	2000CT	3.53	3.06	2.88
3TC-161	SO-9	TV	500CT	0	3.2	3.53	3.06	2.88
3TC-162	SO-10	TI	2KCT/4KCT	4/2	8/16	3.53	3.06	2.88
3TC-235	SO-11	TI	400CT/500CT	8	400 SPLIT/500 SPLIT	4.12	3.57	3.36
3TC-236	SO-12	TI	400CT/500CT	8	120 SPLIT/150 SPLIT	4.12	3.57	3.36
3TC-237	SO-13	TI	400CT/500CT	8	40 SPLIT/ 50 SPLIT	4.12	3.57	3.36
3TC-238	SO-14	TI	80CT/100CT	16	32 SPLIT/ 40 SPLIT	4.12	3.57	3.36
3TC-157	SO-5		Reactor, 50 Hy @ 1 MA		2675 OHMS	2.94	2.55	2.40

SUB-OUNCER PRINTED CIRCUIT MOLDED TYPE

All are 200 mw except SO-2P, 100 mw; SO-9P, 250 mw. Size: 3/4x1x3/4" Shpg. wt., 2 oz.

STOCK NO.	UTC TYPE	USE	PRIM IMP	MADC	SEC IMP	May Be Assorted		
						1-24 EA	25-99 EA	100-UP EA
3TC-302	SO-2P	I	10K	0-25	90K	7.35	6.38	6.00
3TC-303	SO-3P	P	10K/25K	3/1.5	200/500	7.35	6.38	6.00
3TC-304	SO-7P	TI	20K/30K	.5/1.5	800/1200	7.06	6.12	4.80
3TC-305	SO-8P	TP	10K	1	2KCT	7.64	6.63	6.24
3TC-306	SO-9P	TV	500CT	0	3.2	7.64	6.63	6.24
3TC-363	SO-14P	TI	80CT/100CT	16	32 Split/40 Split	7.94	6.89	6.48

UTC ULTRA COMPACT AUDIO UNITS

The UTC Ultra compact audio units are high fidelity units, small and light in weight, ideally suited to remote amplifier and similar compact equipment. Case size 1 1/2x1 1/2x2" H. Shpg. wt., 3/4 lbs.

INPUT TRANSFORMERS

All are ±20B from 20-20,000 cps except A-10 is 10-50,000 cps and A-21 is 30-30,000 cps. Max. level +15 dbm on all except A-11 is +5 dbm, A-39 is +10 dbm. * indicates multiple alloy shield. † indicates high electrostatic shielding.

Stock No.	Type No.	Primary Imp.	Secondary Imp.	May Be Assorted		
				1-24 Ea.	25-99 Ea.	100-Up Ea.
3TC-250	A-10	50, 125/150,	50,000 (Split)	12.94	11.22	10.56
3TC-251	A-12	200/250, 333	80,000 (Split)	11.76	10.20	9.60
3TC-252	A-20†	500/600	Same as primary	14.11	12.24	11.52
3TC-253	A-11*	50, 200, 500	50,000 CT	11.76	10.20	9.60
3TC-254	A-21*†	50, 200/250	50,250/500	11.76	10.20	9.60
3TC-255	A-39*	500/600	500/600			
		600/150 (Split)	2000/500 (Split)	10.88	9.44	8.88

INTERSTAGE AND OUTPUT TRANSFORMERS

All are +2db from 40-20,000 cps except † which is 30-20,000 cps. Δ is 20-20,000 cps * is 20-40,000 cps. Max Level is 1 Watt except † which is 30 MW.

Stock No.	Type No.	Primary Imp.	Secondary Imp.	May Be Assorted		
				1-24 Ea.	25-99 Ea.	100-Up Ea.
3TC-256	A-15	10,000/2500 (Split)	2000/500 (Split)	9.70	8.42	7.92
3TC-257	A-16Δ†	15,000	60,000	9.70	8.42	7.92
3TC-258	A-18Δ†	15,000 (Split)	80,000 (Split)	11.76	10.20	9.60
3TC-259	A-19†	15,000	80,000 (Split)	11.76	10.20	9.60
3TC-260	A-22	500 CT	500/125 (Split)	9.70	8.42	7.92
3TC-261	A-23	500 CT	16/4 (Split)	9.70	8.42	7.92
3TC-262	A-24*†	50, 15,000 (Split)	50, 125/150	12.64	10.97	10.32
3TC-263	A-25†	15,000	200/250, 333	11.76	10.20	9.60
3TC-264	A-26*†	30,000 (Split)	500/600	12.94	11.22	10.56
3TC-265	A-34†	25,000/6250 (Split)	500/125 (Split)	10.00	8.67	8.16
3TC-266	A-35†	10,000/2500 (Split)	500/125 (Split)	9.70	8.42	7.92
3TC-267	A-36	500/125 (Split)	150/37.5 (Split)	9.41	8.16	7.68
3TC-268	A-37	500/125 (Split)	50/12.5 (Split)	9.41	8.16	7.68
3TC-269	A-38	100/25 (Split)	40/10 (Split)	9.11	7.91	7.44
3TC-272	A-33	Hipermalloy shield		2.65	2.30	2.16

UTC SUB-SUB OUNCERS

All double sealed (water-proof), weigh 1/2 oz. Size 3/4x3/4x3/4". Use A—INPUT, I—INTERSTAGE, P—plate to line, O—output, TI—Transistor Interstage, TP—transistor to PP sec, TV—Trans. to V.C., TO—trans. output, CT—crystal to trans., D—driver, CC—crystal chopper. Max. level 100 MW except * is 5 mw and Δ is 30 MW. Primary MADC is UNBALANCED. Shpg. wt., 2 oz.

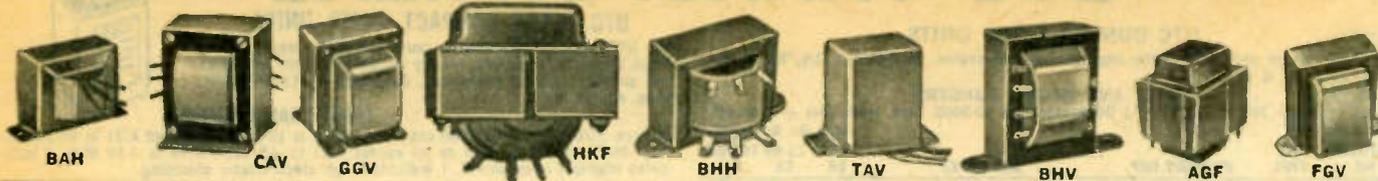
STOCK NO.	UTC TYPE	USE	IMPED	MADC	SEC IMP	May Be Assorted		
						1-24 EA	25-99 EA	100-UP EA
3TC-183	SSO-1*	A	200/50	0	250K/62.5K	4.41	3.83	3.60
3TC-164	SSO-2Δ	I	10K	0.25	90K	4.70	4.08	3.84
3TC-165	SSO-3	P	10K/25K	3/1.5	200/500	4.12	3.57	3.36
3TC-166	SSO-4	O	30K	1.0	50	3.02	3.32	3.12
3TC-168	SSO-6	O	100K	.5	60	4.12	3.57	3.36
3TC-169	SSO-7	TI	20K/30K	.5/1.5	800/1200	3.23	2.81	2.64
3TC-170	SSO-8	TP	10K	1	2000CT	3.82	3.32	3.12
3TC-171	SSO-9	TV	10K	2	16	2.94	2.55	2.40
3TC-172	SSO-10	TV	10K	2	3.2	2.94	2.55	2.40
3TC-173	SSO-11	TO	500/600	3.5/3.5	50/60	2.94	2.55	2.40
3TC-174	SSO-12	TO	1000/1200	3/3	50/60	2.94	2.55	2.40
3TC-175	SSO-13*	CT	200K	0	1000	4.41	3.83	3.60
3TC-176	SSO-14	TI	10KCT/25KCT	2/1	200CT/500CT	4.12	3.57	3.36
3TC-177	SSO-15	TI	20KCT/30KCT	1/1	800CT/1200CT	4.12	3.57	3.36
3TC-178	SSO-16	O	1200/1500	3/3	3.2/4	2.94	2.55	2.40
3TC-179	SSO-17	O, D	10K/12.5K	2/2	500CT/600CT	3.23	2.81	2.64
3TC-180	SSO-18	O	7.5KCT/9.4KCT	4/4	3.2/4	3.23	2.81	2.64
3TC-181	SSO-19	O	500CT	10	600CT	3.23	2.81	2.64
3TC-182	SSO-20	O	1.5KCT	7	600CT	3.23	2.81	2.64
3TC-183	SSO-21*	CC	200KCT	0	1000CT	4.70	4.08	3.84
3TC-184	SSO-22	I	12KCT/10KCT	4/4	1500CT/1800CT	3.02	3.32	3.12
3TC-239	SSO-25	TI	10KCT/12KCT	1	10KCT/12KCT	5.00	4.34	4.08
3TC-240	SSO-26	TI	40KCT/50KCT	.5	400 SPLIT/ 500 SPLIT	5.00	4.34	4.08
3TC-167	SSO-5		Reactor 50 hy @ MADC, 4400 OHM			3.82	3.32	3.12
3TC-185	SSO-23		Reactor 8 hy @ 2 MADC, 4 hy @ 5 MA		650 Ohms	2.94	2.55	2.40
3TC-186	SSO-24		Reactor 3.5 hy @ 2 MADC, 1.5 hy @ 5 MA		160 Ohms	2.94	2.55	2.40
3TC-307	SSO-CH		Mounting channel for above			.30	.26	.24

SUB-SUB OUNCE PRINTED CIRCUIT MOLDED TYPE

All are +20 dbm 100 mw except * which is +7 dbm 5 mw. Size 3/4x3/4x3/4". Shpg. wt., 2 oz.

Stock No.	UTC NO.	USE	Pri. Imp.	MADC	Sec. Imp.	May Be Assorted		
						1-24 Ea.	25-99 Ea.	100 up Ea.
3TC-313	SSO-3P	P	10K/25K	3/1.5	200/500	7.94	6.89	6.48
3TC-314	SSO-19P	O	500 CT	10	600 CT	7.94	6.89	6.48
3TC-31								

THORDARSON TELEVISION AND AUDIO TRANSFORMERS



ATTENTION INDUSTRIAL BUYERS

WRITE, WIRE OR PHONE OUR INDUSTRIAL DIVISION FOR PRICES IN LARGER QUANTITIES.

FILAMENT TRANSFORMERS

All primaries are 117 Volt 50/60 cycle except * which is 6.3V.

Stock No.	Thord No.	Mtg. Type	Secondary		Insul.	Shgp. Wt. Lbs.	Net Each	
			Volts	Amps			1-4	5-49
TB-36	21F03	BAV 5 CT	3.0	3.0	2500	1.0	3.97	3.44
TB-38	21F08	BAV 6.3 CT	1.0	1.0	2500	1.0	1.76	1.55
TB-39	21F09	BAH 6.3 CT	1.2	1.2	2500	1.0	1.76	1.55
TB-40	21F10	BAH 6.3 CT	3.0	3.0	2500	1.25	2.68	2.32
TB-41	21F11	CAV 6.3 CT	6.0	6.0	2500	2.75	4.41	3.80
TB-42	21F12	CAV 6.3 CT	10	10	2500	3.25	5.59	4.84
TB-43	21F27	BAH 26.5 CT	.6	.6	3000	1.25	3.67	3.19
TB-48	26F60	BAH 6.3	1.2	1.2	5000	1.25	2.65	2.21
TB-49	26F61	BAH 5 CT	3.0	3.0	2500	2.5	6.86	5.95
			6.3	3.6	2500			
TB-50	26F63	BAV 6.3	3.0	3.0	5000	2.0	5.14	4.44
			6.3	3.0	5000			
TB-52	26F65*	BAH 6.3	1.2	1.2	5000	1.25	2.65	2.35
TB-53	26F67	BAH 12.6 CT	2.0	2.0	2500	1.0	3.28	2.69
TB-54	26F69	HKF 6.3	3	3	2500	3.0	7.06	6.12
			6.3	6				
TB-45	21F34	BAH 2.5 CT	1.5	1.5	2500	.7	2.20	2.65
TB-46	21F35	BAH 2.5 CT	2.5	2.5	2500	.7	2.80	2.42
TB-34	21F01	BAV 2.5 CT	10	10	2500	1.5	4.41	3.82
TB-35	21F02	CAV 2.5 CT	10	10	10000	2.75	5.14	4.46
TB-37	21F06	CAV 5.0 CT	13	13	2500	3.25	7.64	6.63
TB-47	21F40	BAV 6.3 CT	3	3	2500	1.0	3.38	2.93
TB-33	21F00	BAV 2.5 CT	5	5	2500	1.0	2.94	2.55
TB-44	21F31	BAV 2.5 CT	5	5	7500	1.5	3.03	2.63

FILTER CHOKES

All chokes are BAH mounting type except * ones which are mounting type GGV.

Stock No.	Thord No.	Hys.	Ma	Ohms	Size	Lbs.	Net Each	
							1-4	5-49
TB-23	20C49	5	150	58	2½x2½x4	2.5	3.38	2.93
		4.5	200					
		4	250					
TB-24	20C53	17	60	375	2x2½x3¼	1.5	2.20	1.85
		12	80					
		8	100					
TB-25	20C54*	12	100	145	3½x2½x2¾	3.0	3.97	3.44
		8	150					
		4	200					
TB-26	20C55*	9	150	75	3½x2½x3¼	3.5	5.88	5.10
		6	200					
		2	300					
TB-28	26C41	1.5	200	90	1½x1½x2¾	0.7	1.55	1.34
TB-29	26C42	4.2	50	200	1½x1½x2¾	0.5	1.47	1.28
TB-30	26C43	2	200	50	2x1½x3¼	1.0	2.35	2.04
TB-31	26C44	1	300	60	2x2½x3¾	1.5	2.94	2.55
TB-32	26C45*	10	200	140	3½x2½x4¼	4.9	6.17	5.35

AUDIO INPUT TRANSFORMERS

20A00 electrostatic shielded. *Response, 250-3500 cps. †Response, 60-7500 cps; hum-bucking construction. All Fig. BAH except 20A01, Fig. FGV. Av. Shgp. wt., 1 lb.

Stock No.	Thord No.	Turns Ratio	Application	Mtg. Ctrs., In.		Net Each	
				1-4	5-49	1-4	5-49
TB-10	*20A00	1:10	Line or mic to sgl. or PP grids	2	2.94	2.55	
TB-11	†20A01	1:20	Line or mic to sgl. grid	2¾	3.97	3.44	
TB-12	*20A04	1:80	Voice coil or mic to grid	2	1.76	1.53	
TB-13	20A10	1:20	Line or mic to sgl. grid	2¾	4.12	3.57	

UNIVERSAL LINE-TO-VOICE COIL

Fig. BHH. Secondary taps marked with impedance values. *Also marked for 70 v. power distribution service.

Stock No.	Thord No.	Primary Impedance	Sec. Imp.	Watts	Wt. Lbs.	Net Each	
						1-5	5-49
TB-68	22S80	500, 600		8	2½	4.12	3.57
TB-69	22S82	2000/1500		25	2½	4.56	3.95
TB-70	22S83	1000/500	3.2, 8, 16	15	2½	4.41	3.82
TB-86	24S66	2000, 1500	3.2, 8	10	1½	2.94	2.55
		1000, 500					
TB-85	24S62*	3000, 2500	.06—48	25	2½	5.60	4.85
		2000, 1500					
		1000, 500					

ECONOMY "24" POWER TRANSFORMERS

Types ending with U are for upright mounting Fig. GGV. Others have adjustable brackets to allow flush, vertical or horizontal mounting Fig. AGF. All have 110-120 volt 50-60 cycle primaries. Fil. 1 windings are CT. **All plate windings are center-tapped.

Stock No.	Thord No.	Plate		Rect.		Fil. 1		Mtg. Ctrs., In.	Wt. Lbs.	Net Each	
		V**	MA	V	A	V	A			1-4	5-49
TB-55	24R00	480	40	5	2	6.3	2.0	2x2½	2	4.86	4.21
TB-51	24R00-U	480	40	5	2	6.3	2.0	2x1½	2	4.70	4.08
TB-56	24R01	650	40	5	2	6.3	2.0	2x2½	2¾	4.86	4.21
TB-62	24R01-U	650	40	5	2	6.3	2.0	2x1½	2¾	4.86	4.21
TB-57	24R02	700	70	5	2	6.3	2.5	2¼x2¾	4	6.39	5.53
TB-58	24R04	700	90	5	3	6.3	3.5	2¼x2¾	4¼	6.91	5.99
TB-63	24R04-U	700	90	5	3	6.3	3.5	2¼x2¾	4¼	6.91	5.99
TB-59	24R05	700	120	5	3	6.3	4.7	2½x3¼	5¾	7.51	6.50
TB-64	24R05-U	700	120	5	3	6.3	4.7	2½x2½	5¾	7.51	6.50
TB-60	24R06	750	150	5	3	6.3	4.7	2¼x3¾	6½	10.58	9.18
TB-71	24R06-U	750	150	5	3	6.3	4.7	2¾x2¾	6½	10.58	9.18
TB-61	24R07	800	200	5	3	6.3	5.0	3x3¾	9¼	10.58	9.18
TB-72	24R07-U	800	200	5	3	6.3	5.0	3x3¾	9¼	10.58	9.18

UNIVERSAL AUDIO OUTPUT

Stock No.	Thord No.	Primary Impedance	Sec IMP	Watts	Mtg. Type	Mtg. Ctrs.	Wt. Lbs.	Net Each	
								1-4	5-49
TB-83	24S60	4000/7000/8000/10000/14000 CT.	.1-30	4	BHH	2	½	2.35	2.04
TB-84	24S61	Same as above	.1-30	8	BHH	2¾	1	2.51	2.17
TB-87	26S46	Same as above	.1-30	18	BHV	2¾	1½	3.88	3.56
TB-73	22S87	2000/3500/8000/14000 CT.	3.5/8	6	BAH	2¾	¾	4.41	3.82
TB-74	22S88	Same as above	3.5/8	8	BAH	2¾	1	4.41	3.82
TB-27	22S62	1500/2000/2500/3000/4000 CT.	.1-30	8	BHH	2¾	1¼	3.67	3.19
TB-67	22S60	2500/4000 CT.	3.5/8	10	BAH	2¾	1¼	3.67	3.19
TB-66	22S58	5000/7000 CT.	3.5/8	10	BAH	2¾	1¼	2.94	2.55
TB-65	22S56	8000/10000 CT.	3.5/8	10	BAH	2¾	1¼	2.94	2.55

FIXED AUDIO OUTPUT

Units marked * are humbucking with 3% and 6% taps. All are BAH-BAV mounting types and have 3.2 ohms secondary. 26S59 also has 8 and 16 ohm secondary.

Stock No.	Thord No.	Pri. Imp.	Watts	Mtg. Ctrs.	Wt. Lbs.	Net Each	
						1-4	5-49
TB-77	24S48	4000-5000	5	1¾	½	1.18	1.02
TB-78	24S49	7000-8000	5	1¾	½	1.18	1.02
TB-79	24S50	2000	5	2	½	1.27	1.10
TB-20	24S50A*	2000	5	2	½	1.91	1.65
TB-80	24S51	5000	5	2	½	1.27	1.10
TB-21	24S51A*	5000	5	2	½	1.91	1.65
TB-81	24S52	7000-10000	5	2	½	1.32	1.15
TB-82	24S54	15000-25000	5	2	½	1.35	1.17
TB-88	26S47	14000 CT.	12	2¾	1	2.94	2.70
TB-89	26S48	7000	8	2¾	¾	2.49	2.31
TB-90	26S49	5000	8	2¾	¾	2.20	2.03
TB-91	26S50	3500	8	2¾	¾	2.49	2.31
TB-92	26S58	2500	3	1½	½	1.76	1.62
TB-93	26S59	10000 CT.	10	2¾	1	3.53	3.24

AUDIO INTERSTAGE TRANSFORMERS

Primary current, 8 ma. All Fig. BAH except 20A23 Fig. FGV and 20A29, Fig. BAH Av. Shgp. wt., 1¼ lbs.

Stock No.	Thord No.	Turns Ratio	Application	Mtg. Ctrs.	Net Each	
					1-4	5-49
TB-15	20A16	1:2	Sgl. plate to sgl. or PP grids	2"	1.91	1.66
TB-17	20A19	1:3	Plates to grids, sgl. or PP	2¾"	2.59	2.24
TB-18	20A22	1:3	Sgl. plate to sgl. or PP grids	2¾"	2.50	2.17
TB-19	20A23	1:3	Sgl. Plate to sgl. or PP grids	2¾"	5.23	4.54
TB-22	20A29	1:1:1:1	Univ. car radio interstage	2"	5.29	4.59

TUBE-TO-LINE TRANSFORMERS (LOW LEVEL)

Rated 8 Watts. Primary for single or PP plates. Frequency response 60-15,000 cps. 22S91 has hum-bucking construction. Shgp. wt., 1¼ lbs.

Stock No.	Thord No.	Fig.	Pri.	Sec.	Ctrs.	NET EACH	
						1-4	5-49
TB-75	22S90	FGV	20,000 CT.	125,200,500	2¾"	4.41	3.82
TB-76	22S91	BAH	20,000 CT.	125,200,500	2¾"	3.23	2.80

THORDARSON TRANSISTOR AND MICROPHONE TRANSFORMERS



THORDARSON TRANSISTOR TRANSFORMERS

Usages indicated in application column are A-input, S-output, D-driver and J-interstage. All 50 milliwatt are type MAH 7/16x1/2x7/16; 150 MW are type BCH 11/16x13/16x5/8; 300 MW are type BAH 3/4x5/8x13/16. Average shpg. wt., 6 oz.

Stock No.	Thord. No.	Impedance		Turns Ratio	MW	Appli- cation	Net Each	
		Wind'g. 1	Wind'g. 2				1-4	5-49
TB-94	TR-1	500CT	500CT	1.00:1	300	D-J	2.94	2.56
TB-95	TR-2	5,000CT	7,500	1.23:1	150	D-J	2.94	2.55
TB-98	TR-5	490CT	150CT	1.81:1	150	D-S	2.94	2.55
TB-100	TR-7	10,000	2,000CT	2.24:1	150	D-J	2.94	2.55
TB-101	TR-8	48CT	4/8	2.45:1	300	S	3.23	2.80
TB-102	TR-9	5,000	30,000CT	2.45:1	150	A-J	3.23	2.80
TB-107	TR-14	20,000	1,200	4.08:1	150	AJ	3.23	2.80
TB-110	TR-17	20,000	800CT	5.00:1	150	A-D-J	2.94	2.55
TB-114	TR-21	160CT	4/8	4.47:1	300	S	3.23	2.80
TB-115	TR-22	400CT	4/8	7.07:1	300	S	3.23	2.80
TB-116	TR-23	10,000	200CT	7.07:1	150	D-S	3.23	2.80
TB-120	TR-27	500CT	3.2	12.50:1	150	S	2.94	2.55
TB-121	TR-28	200,000	1,000	14.00:1	300	A	2.94	2.55
TB-122	TR-29	825CT	3.4	15.60:1	150	S	2.94	2.55
TB-125	TR-32	9,800	15	25.50:1	150	A-S	3.23	2.80
TB-129	TR-36	500,000	200CT	50.00:1	300	A	3.53	3.06
TB-131	TR-38	6,000	5,000CT	1.09:1	50	D-J	3.81	3.32
TB-132	TR-39	4,000	2,600CT	1.24:1	50	D-J	3.53	3.06
TB-137	TR-44	20,000	1,200	5.75:1	50	A-J	3.53	3.06
TB-142	TR-49	500CT	10	7.06:1	50	S	3.81	3.32
TB-143	TR-50	200CT	3.2	7.90:1	50	S	3.53	3.06
TB-194	TR-101	350CT	4/12	5.22:1	150	S	3.23	2.80
TB-206	TR-113	400CT	4/8/16	5.00:1	300	S	3.23	2.80
TB-207	TR-114	500CT	4/8/16	5.60:1	300	S	3.23	2.80
TB-208	TR-115	700CT	4/8/16	6.63:1	300	S	3.23	2.80
TB-209	TR-117	2,500	4/8/16	12.50:1	300	S	3.23	2.80

TRANSISTOR POWER SUPPLY TRANSFORMERS

These transistorized power transformers are ideally suited for power supplies for all kinds of battery operated equipment such as mobile communication systems, aircraft and marine navigational systems, photoflash, ultrasonic applications and even 117 Volts 60 CPS from an automobile battery so as to operate 117V radio, television, electric shavers, etc. Complete instructions supplied with each transformer. *At 60 cycles. Average shpg. wt., 1/2 lb.

Stock No.	Thord. No.	Volt In.	Output Volt	Pow. Out	Mtg. Type	Mtg. Ctrs.	Net Each	
							1-4	5-49
TB-162	TR-69	6	*117VAC	50	GGV	1 3/8x2	8.82	7.65
TB-163	TR-70	12	*117VAC	50	GGV	1 3/8x2	8.82	7.65
TB-164	TR-71	12	*117VAC	110	GGV	2 3/8x2 1/2	10.58	9.18
TB-165	TR-72	12	*117VAC	250	GGV	3 1/8x3	17.64	15.30
TB-167	TR-74	12	150VDC	15	TAV	1 1/2x2 1/8	8.82	7.65
TB-168	TR-75	12	200VDC	20	TAV	1 1/2x2 1/8	10.58	9.18
TB-169	TR-76	6	225VDC	15	TAV	1 1/4x2 1/8	10.58	9.18
TB-170	TR-77	12	225VDC	20	TAV	1 1/2x2 1/8	10.58	9.18
TB-171	TR-78	12	250VDC	16.5	DAH	1 1/2	5.88	5.20
TB-172	TR-79	6	250VDC	50	TAV	1 1/2x2 3/8	10.58	9.18
TB-173	TR-80	12	250VDC	50	TAV	1 1/2x2 3/8	10.58	9.18
TB-175	TR-82	12	275VDC	48	TAV	1 1/4x2 1/8	10.58	9.18
TB-176	TR-83	12	300VDC	30	DAH	1 1/2	8.82	7.65
TB-177	TR-84	12	300 & 150VDC	120	TAV	1 1/2x2 3/8	17.64	15.30
TB-181	TR-88	4.5	390VDC	12	DAH	1 1/2	8.82	7.65
TB-191	TR-98	12	1500VDC	20	TAV	1 1/2x2 3/8	10.58	9.18
TB-192	TR-99	6 & 12	200-225-250 or 275VDC	20	TAV	1 1/2x2 3/8	10.58	9.18

POWER TRANSISTOR OUTPUTS

All rated 10 watts except † is 5 and ‡ is 3. Average shpg. wt., 1 lb.

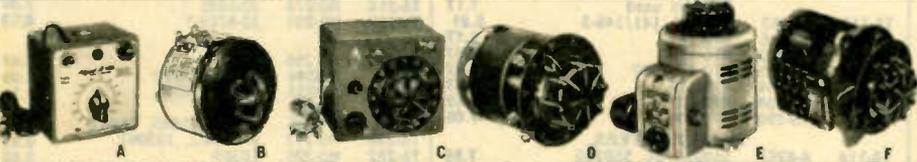
Stock No.	Thord. No.	Impedance		Primary MADC	Mtg.	Mtg. Centers	Net Each	
		Primary	Secondary				1-4	5-49
TB-150	TR-57	32CT	1.6/4	575	BAH	2 1/8	3.82	3.32
TB-151	TR-58	32CT	3.2/8/16	575	BAH	2 1/8	3.23	2.80
TB-152	TR-59	48CT	1.6/4	550	EAV	2 3/8	3.82	3.32
TB-153	TR-60	48CT	3.2/8/16	550	BHV	2 3/8	3.82	3.32
TB-154	TR-61†	48CT	3.2/8/16	550	BHV	1 3/4	2.06	1.79
TB-155	TR-62‡	100	3.2/8/16	150	BAV	1 1/2	2.06	1.79
TB-156	TR-63	100CT	3.2/8/16	500	BAV	2 3/8	2.94	2.55

POWER TRANSISTOR DRIVERS

All Type BAH. Shpg. wt., 1 lb.

Stock No.	Thord. No.	Impedance		Primary MADC	Watts	Mtg. Center	Net Each	
		Primary	Secondary				1-4	5-49
TB-157	TR-64	100	100CT	200	.5	1 3/4	2.06	1.79
TB-158	TR-65	100	200CT	200	.5	1 3/4	2.06	1.79
TB-159	TR-66	500CT	200CT	50	.5	1 3/4	2.06	1.79

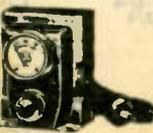
STANDARD ELECTRIC "ADJUST-A-VOLT" VARIABLE TRANSFORMERS



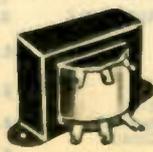
Consists of a single-layer winding and high grade toroidal core. Sliding brush taps transformer to permit selection of any output voltage. All have over voltage connections. Has zero wave form distortions. Brush is always in contact with at least one turn of wire. Bench models are housed in die cast aluminum cases equipped with pilot light, switch, fuse, line cord with plug, and output receptacle. All are for 50-60 cycle operation. 25 cycle operation is permissible if output power ratings are reduced by 50%.

Stock No.	Mfr. No.	Fig.	Input Volts	Output		Max. KVA	Description	Shpg. Wt. Lbs.	Size	Each Asst.	
				Volts	Amps.					1-5	6-49
TD-150	PA-1	A	120	0-132	1.25	.165	Portable type	3	3 7/8x3 7/8x3 1/2	15.60	14.80
TD-155	100BU	B	120	0-132/0-120	1.25	.165	Mounts up to 1/4" Panel	3	2 3/8x2 1/2	8.00	8.60
TD-156	PA-3	C	120	0-140	3.0	.42	Portable type	7	6 1/2x6 1/2x6 1/2	25.48	20.80
TD-151	300BU	D	120	0-140/0-120	3.0	.42	Mounts up to 1/2" Panel	5	3 1/4x3 1/4	12.25	10.00
TD-152	500B	E	120	0-140/0-120	7.5	1.05	Enclosed type	11	6 1/2x4 3/8	22.54	18.40
TD-153	500BU	F	120	0-140/0-120	7.5	1.05	Mounts up to 1/2" Panel	10	5x4 3/8	17.64	14.40

ACME T8394M VARIABLE VOLTAGE ADJUSTER



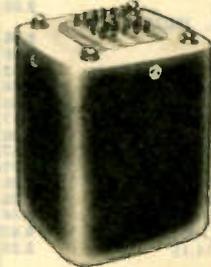
300 W. continuous duty variable transformer. Adjusted by rotary tap sw. Used as step up or step down. Voltmeter shows sec. voltage. Pri. output 115 V. 8' cord and plug. Size 4 3/4x4x5". Shpg. wt., 9 lbs. TR-14



LAFAYETTE SPECIAL 70.7 VOLT LINE-TO-VOICE COIL TRANSFORMER

70 volt line-to-voice coil matching transformer. Primary tapped 10, 5, 2.5, 1.25 and .625 watts. Secondary tapped 5, 8 and 16 ohms. Size 2x1 1/2". Mtg. Centers 2 3/8". Shpg. wt., 1 lb. lot of 10 each, 1.70; Singly ea. 1.98

LAFAYETTE



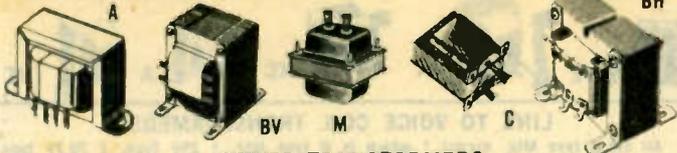
20-WATT UNIVERSAL HI-FI OUTPUT 895 TRANSFORMER

- WIDER BANDWIDTH - 15 CPS TO 100 KC
- COMPLETELY SHIELDED
- BALANCED DESIGN
- STURDY TERMINALS

An exceptionally fine quality output transformer which will provide your amplifier with maximum fidelity at full wattage. Fully balanced design incorporates hum-free windings wound on a special type core. Ultra wide range and impedance characteristics make stable operation possible, even with large amounts of negative feedback applied. Frequency response ± 1 db from 15 cps to 100,000 cps at low level; full 20 watts flat from 20 to 30,000 cps. Primary impedance 5,000 8,000 or 10,000 ohms; secondary 4, 8, and 16 ohms. May be used with such tubes as 7189, EL84/6BQ5, 6V6, etc. Imported. Shpg. wt., 4 1/2 lbs. TR-117



POWER, FILAMENT, CHOKE AND OUTPUT TRANSFORMERS



POWER TRANSFORMERS

All primaries 117 V 60 cycle. All 6.3V secondaries are C.T. except * and PC-8414 which has extra 6.3V 3 amp winding. Types with * are for selenium rectifier circuits or tubes such as 6AX5, 6X4, 6X5, etc. All type M mtg. except PC and Pare C

Stock No.	Stan. No.	VCT	MA	Amp	Size	Wt. Lbs.	1-9	10-24
TA-338*	PS-8415	125	15	—	0.6	2x2 3/8x1 3/8	3/4	2.32
TA-305*	PA-8421	125	50	—	2.0	2 1/4x3 3/4x2 1/4	1 1/2	3.76
TA-339*	PS-8416	125	25	—	1.0	2 1/4x2 7/8x1 3/8	1	2.79
TA-307*	PM-8418	460	50	—	2.5	3 3/8x2 3/8x2 3/8	2 1/4	4.40
TA-306*	PM-8418	460	50	—	2.5	2 5/8x2 1/2x3	2 1/4	4.70
TA-325	PM-8401	470	40	2.0	2.0	2 5/8x2 1/2x3	2 1/4	5.67
TA-311	PC-8401	470	40	2.0	2.0	3 3/8x2 3/8x2 3/8	2 1/4	5.42
TA-326	PM-8402	480	55	2.0	2.0	2 3/4x2 1/2x3	2 1/2	5.53
TA-312	PC-8402	480	55	2.0	2.0	3 3/8x2 3/8x2 3/8	2 1/2	5.38
TA-337*	PM-8419	480	70	—	3.0	2 7/8x2 1/2x3	2 3/4	5.41
TA-324*	PC-8419	480	70	—	3.0	3 3/8x2 3/8x2 7/8	2 3/4	5.41
TA-308*	PM-8420	520	90	—	4.0	3 1/2x2 7/8x3 3/8	3 1/2	6.56
TA-309*	PC-8420	520	90	—	4.0	3 1/2x3x3 1/2	3 1/2	6.29
TA-327	PM-8403	500	70	2.0	2.5	3 1/8x2 1/2x3	3 1/4	6.23
TA-313	PC-8403	500	70	2.0	2.5	3 3/8x2 3/8x3 1/8	3 1/4	6.23
TA-328	PM-8404	520	90	2.0	3.0	3 3/8x2 7/8x3 3/8	4	6.91
TA-314	PC-8404	520	90	2.0	3.0	3 3/8x3x3 1/2	4	6.91
TA-329	PM-8405	540	120	3.0	3.5	3 1/2x3 1/4x3 3/8	5	9.01
TA-315	PC-8405	540	120	3.0	3.5	4x3 1/4x3 1/2	5	9.01
TA-310	PM-8423	600	90	2.0	3.5	3 1/4x2 1/4x2 7/8	4	7.97
TA-374*	PG58	600	65	—	2.7	3 1/8x2 3/8x2 1/2	3	5.84
TA-330	PM-8406	650	40	2.0	2.0	2 3/4x2 1/2x3	2 1/2	5.64
TA-916	PC-8406	650	40	2.0	2.0	3 3/8x2 3/8x2 3/8	2 1/2	5.64
TA-311	PM-8407	650	55	2.0	2.0	3 1/8x2 1/2x3	3 1/4	5.88
TA-317	PC-8407	650	55	2.0	2.0	3 3/8x2 3/8x3 3/8	3 1/4	5.88
TA-332	PM-8408	680	70	2.0	2.5	3 1/2x2 7/8x3 3/8	4	7.35
TA-318	PC-8408	680	70	2.0	2.5	3 3/8x3x3 3/8	4	7.35
TA-333	PM-8409	700	90	2.0	3.0	3 3/8x2 7/8x3 3/8	4 1/2	7.76
TA-319	PC-8409	700	90	2.0	3.0	3 3/8x3x3 3/8	4 1/2	7.76
TA-334	PM-8410	720	120	3.0	3.5	3 3/4x3 1/4x3 3/8	5 1/2	9.17
TA-320	PC-8410	720	120	3.0	3.5	4x3 1/4x3 3/8	5 1/2	9.81
TA-335	PM-8411	750	150	3.0	4.5	3 7/8x3 1/2x4 1/8	6	12.30
TA-321	PC-8411	750	150	3.0	4.5	4 1/8x3 3/8x4	6	11.79
TA-336	PM-8412	800	200	3.0	5.0	3 7/8x3 3/8x4 1/2	8 1/4	12.23
TA-322	PC-8412	800	200	3.0	5.0	4 1/4x4 1/4	8 1/4	12.30
TA-323	PC-8414	1200	200	3.0	3.0	4 3/8x4 1/4	8 1/2	14.46

FILAMENT TRANSFORMERS

All primaries are 117 volt 50-60 cy AC except * which is 6.3 volt and † which has a 117/107V. ‡ has four 6.3V secondaries with 1 center tap, # has two 6.3V secondaries with 1 center tap.

Stock No.	Stan. No.	Volts	Amperes	Insul.	Mtg. Type	Shpg. Wt. In lbs.	1-9	10-24
TA-375	P-6133	2.5 CT	5.0	7,500	S	1.5	3.72	3.42
TA-237	P-6454†	2.5 CT	10.0	7,500	S	2.5	3.92	3.60
TA-376	P-3060	2.5 CT	10.0	10,000	BV	2.5	6.59	6.05
TA-377	P-3026†	5.0 CT	3.0	2,500	C	2.4	4.90	4.50
TA-378	P-6467	5.0 CT	3.0	2,500	A	1.4	3.14	2.88
TA-238	P-6455†	5.0 CT	6.0	2,000	S	2.0	4.24	3.90
TA-379	P-3062	5.0 CT	6.0	2,500	BV	2.3	5.04	4.63
TA-380	P-6433	5.0 CT	15.0	2,500	BV	3	7.01	6.44
TA-381	P-6432	5.0 CT	21.0	2,500	BV	4.5	8.27	7.50
TA-262	P-6492	5.0 CT	30.0	2,500	C	7.5	10.72	9.85
TA-382	P-6465	6.3 CT	6	1,500	A	0.4	1.94	1.78
TA-230	P-6134	6.3 CT	1.2	3,000	A	0.8	2.06	1.89
TA-286	P-8190	6.3	1.2	5,000	A	1.0	2.70	2.46
TA-287	P-8191*	6.3	1.2	5,000	A	1.0	2.91	2.67
TA-383	P-6428†	6.3	1.75	2,500	C	3	6.08	5.58
TA-384	P-5014	6.3 CT	3.0	2,500	BV	2.0	4.58	4.20
TA-385	P-6466	6.3 CT	3.0	2,500	A	1.4	3.32	3.05
TA-243	P-6462†	6.3	3.0	7,000	S	2.0	5.49	5.04
TA-386	P-6430#	6.3 CT	3.0	2,500	C	2.8	5.39	4.95
TA-387	P-6429†	6.3	3.5	2,500	C	4.8	8.26	7.59
TA-388	P-6431#	6.3 CT	6.0	2,500	C	4.8	8.17	7.51
TA-389	P-4019†	6.3 CT	4.0	2,500	C	2.7	4.94	4.54
TA-245	P-3064	6.3 CT	6.0	2,500	BV	2.4	5.31	4.88
TA-390	P-4089†	6.3 CT	6.0	2,500	C	3.5	6.49	5.92
TA-239	P-6456†	6.3 CT	6.0	2,000	A	2.0	3.74	3.44
TA-391	P-6464	6.3 CT	10.0	2,000	C	3.5	6.80	6.25
TA-235	P-6308†	6.3 CT	10.0	2,500	BV	3.4	6.46	5.92
TA-392	P-6309†	6.3 CT	20.0	2,500	BV	6.7	10.01	9.19
TA-393	P-5015	7.5 CT	4.0	2,500	BV	2.7	4.66	4.28
TA-240	P-6457†	7.5 CT	21.0	2,000	C	8.0	12.44	11.42
TA-241	P-6458†	10.0 CT	5.0	2,000	BV	3.0	4.61	4.23
TA-394	P-6139	10.0 CT	8.0	2,500	BV	4.9	7.35	6.75
TA-266	P-4097†	10.0 CT	8.0	2,500	C	5.2	7.66	7.54
TA-395	P-8130	12.6 CT	2.0	1,500	A	1.4	3.36	3.09
TA-246	P-6469	25.2	1.0	1,500	A	1.4	3.20	2.94

DRIVER TRANSFORMERS

All type A mtg. 10,000 ohm primary, single plate to push-pull grids. Use between first audio and push-pull output. Ratio is pri. to 1/2 Sec.

Stock No.	Stan. No.	Max MA	Ratio	Size	1-9	10-24
TA-100	A-4713	30	2:1	1 3/8x2 7/8x1 1/2	2.08	1.91
TA-101	A-4723	30	3:1	1 3/8x2 7/8x1 1/2	2.11	1.94
TA-102	A-4752	40	2/1.5/1:1	2x3 1/4x1 3/8	2.87	2.64

ATTENTION QUANTITY PURCHASERS

WRITE, WIRE OR PHONE OUR INDUSTRIAL DIVISION FOR PRICES ON QUANTITIES UP TO 250.

UNIVERSAL OUTPUT TRANSFORMERS

Match single or push pull plates to any voice coil except * which matches to 500/333/200/125/50 ohms and † which matches to 500 ohms. All type A mtg.

Stock No.	Stan. No.	Primary	Watts	Size, Inch	Net Wt.	1-9	10-24
TA-13	A3250*	5K, 10, 20K CT	(15 ma)	2x3 1/4x1 3/8	1	4.11	3.77
TA-23	A3822	7-10K	4	1 3/8x2 3/8x1 3/8	3/4	1.91	1.75
TA-24	A3823	4-14K CT	8	1 3/8x2 7/8x1 1/2	3/4	3.30	3.03
TA-25	A3825	1.5-4.5K	8	2x3 1/4x1 3/8	1 1/4	2.58	2.37
TA-26	A3820	3-10K CT	20	2 1/4x3 3/8x2 1/4	2	4.41	4.05
TA-28	A3841†	2.5, 4.5, 6, 7	10	2 1/4x3 3/8x2 1/4	1 1/2	4.90	4.50
TA-30	A3849	1.5-10K	10	1 3/8x2 7/8x1 1/2	1	3.30	3.03
TA-31	A3850	4-14K CT	8	2x2 3/8x1 1/2	1	3.25	2.99
TA-32	A3852	4-14K CT	18	2 3/8x2 7/8x2	1 3/4	3.99	3.66
TA-33	A3856	4-14K CT	4	1 3/8x2 3/8x1 3/8	1 3/4	2.84	2.61
TA-12	A3870	4-14K CT	18	2x3 1/4x2	1 3/4	4.07	3.73
TA-39	A3880	4-14K CT	15	2 1/4x3 3/8x2 1/4	1 3/4	4.30	3.95
TA-111†	A3824	6-10K	8	2x3 1/4x2	1 1/4	3.23	2.97

FIXED OUTPUT TRANSFORMERS

Stock No.	Stan. No.	Primary	Secondary	Watts	In. Mtg. Centers	Shpg. Wt.	1-9	10-24
TA-10	A2312	14,000CT		4	10	2 3/8	1 1/4	2.74
TA-11	A2313	7,000		8	10	2 1/8	1	2.46
TA-14	A3304*	7M CT	500/16/8/4	25	2 1/2x1 1/2	2 3/4	6.18	5.28
TA-15	A3311*	10K CT	500/15/8/4	25	2 1/4x2	3 1/2	6.64	5.90
TA-16	A3327	25K		4	5	2	1/2	1.76
TA-17	A3328	4,000	3.5	3	1 3/4	1/2	1.33	1.22
TA-18	A3329	8,000	3.5	3	1 3/4	1/2	1.33	1.22
TA-19	A3332	2,000	3.2	3	1 3/4	1/2	1.33	1.22
TA-20	A3337	5K	6.8	10	2 5/8	1	2.24	2.06
TA-21	A3800*	5,000CT	500/250/15/8/4	30	2 1/4x2	4	6.61	6.08
TA-22	A3801*	6,600CT	500/250/15/8/4	35	2 1/2x2 3/8	5 1/4	8.31	7.72
TA-27	A3831	10K CT	8/4/2	5	2 3/8	1	2.60	2.39
TA-34	A3857	25M CT		4	5	2	3/4	2.31
TA-35	A3876	2,000	4	5	2	3/4	1.42	1.31
TA-36	A3877	5,000	4	5	2	3/4	1.42	1.31
TA-37	A3878	7,000	4	5	2	3/4	1.46	1.34
TA-38	A3879	10,000	4	5	2	3/4	1.42	1.31
TA-104	A8093	10,000CT		4	10	1 1/2x2 7/8	1/2	2.09
TA-105	A8094	4,000CT	8/16/32	7 1/2	2 1/4x3 3/8	1 1/2	3.92	3.60
TA-106	A8114	7,600	3.2	5	2	1/2	1.70	1.56

FILTER CHOKES

All rated 1500V ins except * are 3000V and † are 2000V; ■ 2500V. All Type A Mtg except ‡ are C and ◆ are NV, # are TO, ▲ are BH.

Stock No.	Stan. No.	Hys.	Ma	Ohms
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STANCOR

TRANSFORMERS

STANCOR



INTERCOM AND TRANSCIVER TRANSFORMERS

A3833 and A3817 are for citizens band transceivers; A4749 for telephone patch circuits; A4744 for intercoms voice coil to grid input. Max. watts: †3; *5; ‡8; †10.

Stock No.	Stan. No.	Fig.	Pri Ohms	Sec. Ohms	Size	Wt. Lbs.	1-9	10-24
TA-396	A3833*	A	200/5000	60,000	1 3/8x2 3/8x1 1/2"	1	2.81	2.58
TA-397	A4744	VE	4	25,000	1 3/8x2 3/8x1 1/2"	3/4	1.98	1.82
TA-398	A4749	TD	10,000	500	1 1/2x2 1/4x1 1/2"	1	4.75	4.36
TA-399	A8090†	Q	45-50	3-4/6-8	1 3/8x2 3/8x1 1/2"	3/4	1.73	1.59
TA-400	A8091‡	Q	45-50	3-4/6-8	1 3/8x2 3/8x1 1/2"	1	2.06	1.89
TA-401	A3817‡	A	5000	6750/4	1 3/8x1 1/2x2 3/8"	3/4	2.94	2.70

TELEVISION POWER TRANSFORMERS

Replacement use in standard TV receivers. Plate windings are CT. Leads are stripped and tinned and color coded to E.I.A. standards. All have copper shorting band to reduce external magnetic field except *. All primaries are 117V, 60 CPS AC except ‡ which is 117/107V. All are M type mtg. except † which is C type listed on previous page.

Stock No.	Stan. No.	Plate Volts	Ma	Rect. V A	Filaments Volts	Amps.	Overall Size	Wt. Lbs.	Net Each
TA-428†	P-5059†	675	200	5	6.3 C.T.	5	4 5/8x3 3/4x4 1/2"	9 3/4	12.81
TA-429	P-6315*	740	275	5	6.3 C.T.	7	4 1/2x3 3/4x4 1/2"	9 1/2	13.42
TA-430	P-8159	720	290	5	5/6.3/6.3	2/8/6	5 3/4x3 3/4x4 3/4"	10	17.29
TA-431	P-8160*	720	185	5	6.45	12	4 1/2x3 3/4x4 1/2"	10	16.23
TA-432	P-8164	600	225	5	6.3	9.0	4 1/2x3 3/4x4 1/2"	7 1/2	15.88
TA-433	P-8166	680	330	5	6.3/6.3/6.3	2.5/5.0/5.0	6x3 3/4x4 3/4"	13	19.30
TA-434	P-8167	560	400	5	6.3/6.3	4.5/8.5	6x3 3/4x4 3/4"	13	19.73
TA-435	P-8169	760	220	5	6.3/6.3/6.3	1.2/5/7	4 5/8x3 3/4x4 1/2"	10 1/2	16.77
TA-436†	P-8170	760	220	5	6.3/6.3/6.3	1.2/5/7	4 3/4x4 3/4x4 3/4"	10 1/2	16.31
TA-437	P-8171	750	225	5	6.3/6.3	2.0/9.0	5x3 3/4x4 1/2"	10 1/2	17.64
TA-438	P-8172*	540	200	5	6.3	8.5	4 3/8x3 3/8x3 3/4"	7	13.85
TA-439	P-8331	620	240	5	6.3/6.3	6.4/3	4 1/2x3 3/4x4 1/2"	9	14.12
TA-440	P-8333	590	225	5	6.3/6.3	11.4/9	4 3/8x3 3/4x4 1/2"	10	14.93
TA-441	P-8334	550	305	5	6.3/6.3	8.5/1.2	5 1/8x3 3/4x4 1/2"	13	16.46
TA-442	P-8335	600	325	5	6.3/6.3	8.8/1.5	5 1/8x3 3/4x4 1/2"	13	17.00
TA-443	P-8337*	630	225	5	6.3	8.25	4 1/2x3 3/4x4 1/2"	8 1/2	14.09
TA-444†	P-8339*	650	255	5	12.6 C.T.	5.25	4 7/8x3 3/4x5"	8 1/2	13.93
TA-445	P-8340	710	270	5	6.3/6.3	9.5/1.65/2.4	5 1/2x3 3/4x4 1/2"	12	18.40
TA-446	P-8342	730	260	5	6.3/6.3	8.85/1.2	5 3/8x3 3/4x4 1/2"	13	17.57
TA-447†	P-8352	580	240	5	12.6 C.T.	5.25	4 3/8x3 3/4x4 3/4"	8 1/2	13.50
TA-448†	P-8356	540	260	5	6.3	8.8	3 7/8x3 3/8x3 3/8"	6 1/2	10.95

ISOLATION TRANSFORMERS

Electrostatic shields are ground internally to core. All have 1500V Insul. † Pri. tapped for 125, 115 and 105V with 115V Sec. * 117V. Pri., tapped sec. with sockets for 105, 115 and 125V. ‡ 117V Pri. to 117V Sec.

Stock No.	Stan. No.	Fig.	Size	Watts	Wt. Lbs.	1-9	10-24
TA-449	P-6160	KA	4 3/4x4 3/8x3 7/8"	100	7	14.19	13.03
TA-450X	P-6298†	KA	7 5/8x6 1/8x7 5/8"	500	28	42.27	38.82
TA-451	P-6371†	TE	5 3/4x4 3/8x5 3/4"	175	9	18.95	17.41
TA-452	P-6410†	K	3 3/4x2 1/4x3 3/8"	50	4	7.77	7.14
TA-453	P-6415*	KC	5 3/8x4 1/2x5 3/8"	350	17	23.05	21.17

C.R.T. POWER TRANSFORMERS

P-8178 For use with 2X2 tubes in half-wave voltage supplies, as in scopes, and other test equipment, etc. Primary 117V 50/60 CPS. Plate 1800V AC at 2 ma. Rectifier filament 2.5V at 1.75 amps. Fil. 1.63V at 0.6 amps tapped at 2.5V at 2.2 amps. Size: 3 7/8x3 3/4x3 3/4". Mtg. centers 2 1/2". Shpg. wt. 5 lbs. TA-454 ... 1-9 ea., 8.86, ... 10-24 ea., 8.28, ... 25-49 ea., 7.42

P-8151. Similar to above but plate 2400V at 5 ma, rectifier 2.5V at 2 amps, fil 2.5V at 2 amps. Size 4 3/8x3 3/8x3 7/8". Mtg. ctrs. 2 3/4x2 1/4". Shpg. wt., 6 1/2 lbs. TA-469 ... 1-9 ea., 11.41, ... 10-24 ea., 10.67, ... 25-99 ea., 9.95

P-8150. Fig. TD. Similar to above but plate 1550V at 1.5 ma, rectifier 2.5V at 1.75 amp. No filament winding. Size 3 3/4x3 1/2x2 1/2". Mtg. ctrs. 2 1/4x1 3/4". Shpg. wt., 2 lbs. TA-468 ... 1-9 ea., 8.66, ... 10-24 ea., 8.10, ... 25-99 ea., 7.25

MICROPHONE TRANSFORMERS

A-4350. Fig. Q. For mike or line to line. Dual primary 500 and 200 ohm sections. C.T. pri. imp. 500/333/200/125/50. Sec. 500/333/200/125/50. Mtg. Centers 2 1/4". Size 2x3 1/4x1 3/4".

TA-470 ... Shpg. wt., 1 lb. ... 1-9 Net. ea. 4.24
 10-24 ea. 3.90 ... 25-49 ea. 3.51
 50-99 ea. 3.25 ... 100-249 ea. 3.09

A-4351. Fig. TD. For mike or line to single grid. Dual primary 500 and 200 ohm sections. Pri. imp. 500/333/200/124/50. Sec. Imp. 89000. Turns ratio 1:1.33. Mtg. Ctrs. 2 3/8x1 1/2". Size 2 1/4x2 3/4x2 3/8".

TA-471 ... Shpg. wt., 1 1/2 lbs. ... 1-9 Net. ea. 4.96
 10-24 ea. 4.17 ... 25-49 ea. 3.75
 50-99 ea. 3.47 ... 100-249 ea. 3.31

A-4352. Fig. Q. For mike or line to push-pull grids. Has dual primary, same impedances and turns ratio as A-4351 above. Mtg. Ctrs. 2 1/4". Size 2x3 1/4x1".

TA-472 ... Shpg. wt., 1 lb. ... 1-9 Net. ea. 4.70
 10-24 ea. 4.32 ... 25-49 ea. 3.89
 50-99 ea. 3.60 ... 100-249 ea. 3.43

A-4705. Fig. A. For single button mike to single grid. Pri. imp. 200/70. Sec. imp. 80,000. Turns ratio 1:20 Mtg. center. 2". Size 1 1/2x2 3/8x1 3/8".

TA-473 ... Shpg. wt., 1/2 lb. ... 1-9 Net. ea. 2.91
 10-24 ea. 2.67 ... 25-49 ea. 2.40
 50-99 ea. 2.22 ... 100-249 ea. 2.12

LINE TO VOICE COIL TRANSFORMERS

All are J type Mtg. except * which is Q type Mtg. † 25V Type, ‡ 70.7V type, § 140V type. ¶ For one or more spks. in parallel across a 500 ohm line. § power steps in watts.

Stock No.	Stan. No.	Pri.	Impedance	Sec.	Mtg. Ctrs.	Wt. Lbs.	1-9	10-24	Net Each
TA-402	A3818	1500/1000/500	15/8/4	15/8/4	25	3 3/8	2 1/2	4.82	4.43
TA-403	A3837‡	500/1000/1500/2000/3000/5000	.06 to 8, .12 to 8, .18 to 24, .24 to 32, .30 to 40, .36 to 48	15/8/6/4	8	2 3/8	1 3/4	3.93	3.60
TA-404	A3883	500	15/8/6/4	15/8/6/4	25	2 3/8	1 3/4	3.35	3.10
TA-405*	A7947	2000/1500/1000/500	6-8/3.2	6-8/3.2	8	2 3/8	3/4	2.87	2.64
TA-406	A7949	2000/1500/1000/500	6-8/3.2	6-8/3.2	12	2 3/8	1 3/4	3.37	3.10
TA-407	A8101	500	6-8/3.2	6-8/3.2	5	2	1/2	1.73	1.59
TA-408	A8102†	8/4/2/1/0.5‡	4/8/16	4/8/16	8	2	3/4	3.43	3.15
TA-409	A8103†	16/8/4/2/1/0.5‡	4/8/16	4/8/16	16	2 1/4	1 1/2	4.85	4.45
TA-410	A8104	3000/2000/1500/1000/500	16/8/4	16/8/4	10	2 3/8	1 1/2	3.99	3.66
TA-411*	A8105†	5/2.5/1.25/-.62/3/15	4/8	4/8	5	2	1/2	2.78	2.56
TA-412	A8106*	8/4/2/1/5	4/8/16	4/8/16	8	2	3/4	2.94	2.70
TA-413	A8107*	16/8/4/2/1/5	4/8/16	4/8/16	16	2 1/4	1 3/4	4.64	4.27
TA-414	A8080†	5/4/3/2/1/5	8/16	8/16	5	2	1/2	2.05	2.62
TA-415	A8081†	10/9/8/7/6/5	8/16	8/16	10	2	3/4	3.10	2.84
TA-416	A8082†	15/14/13/12/11/8	8/16	8/16	15	2 3/8	1 1/2	3.59	3.29
TA-417*	A8095†	5/2.5/1.25/-.62/3/15	4/8	4/8	5	2	3/4	2.54	2.42
TA-418	A8096†	8/4/2/1/0.5‡	4/8/16	4/8/16	8	2	3/4	3.53	3.24
TA-419	A8097†	16/8/4/2/1/0.5‡	4/8/16	4/8/16	16	2 1/4	1 3/4	4.23	3.89

RECTIFIER TRANSFORMERS

Designed to operate in full-wave center-tapped or bridge type circuits. Each transformer has a tapped primary and a tapped additional winding permitting a wide range of output voltages. All are BV mtg type. Primaries are for 117V 50/60 CPS AC operation. * Has multiple secondary. † one secondary. Supplied with wiring chart.

Stock No.	Stan. No.	Range of AC Volts	Max. D.C. Output Resistive	Capacitive	Size	Wt. Lbs.	1-9	10-24	Net Each
TA-420	Ri-201	11.7 to 29.4	11.2V @ 2.0A	13.8V @ 2.0A	3 3/8x2 1/2x2 1/2"	2 1/2	4.97	4.56	
TA-421	RT-202	12.0 to 29.8	23.0V @ 1.25A	30.0V @ 1.25A	3 3/8x2 7/8x2 7/8"	4	6.75	6.20	
TA-422	RT-204	11.7 to 29.2	11.1V @ 4.0A	14.7V @ 4.0A	3 3/8x2 7/8x2 7/8"	4	6.75	6.20	
TA-423	RT-206	11.6 to 29.2	24.3V @ 2.0A	33.0V @ 2.0A	3 1/2x4x4 1/2"	6 1/4	8.73	8.01	
TA-424	RT-208	11.6 to 29.2	12.0V @ 8.0A	14.5V @ 8.0A	4 1/4x3 3/8x4 1/2"	9 1/4	11.87	10.89	
TA-425X	RT-212	12.1 to 29.2	24.0V @ 4.0A	32.4V @ 4.0A	4 1/4x3 3/8x4 1/2"	5 1/4	12 1/2	14.95	13.73
TA-426	P-8193	12.1 to 29.2	11.5V @ 12.0A	14.4V @ 12.0A	4 1/4x3 3/8x4 1/2"	5 1/4	12 1/2	14.95	13.73
TA-427	P-8194	12.1 to 29.2	24.0V @ 6.0A	32.0V @ 6.0A	4 1/4x3 3/8x4 1/2"	5 1/4	12 1/2	14.95	13.73
TA-428	P-8194	12.1 to 29.2	11.4V @ 15.0A	14.8V @ 15.0A	4 1/4x3 3/8x4 1/2"	5 1/4	12 1/2	14.95	13.73
TA-429	P-8194	12.1 to 29.2	23.7V @ 8.0A	32.5V @ 8.0A	4 1/4x3 3/8x4 1/2"	5 1/4	12 1/2	14.95	13.73
TA-430	P-8194	12.2 to 29.0	11.4V @ 22.5A	14.3V @ 22.5A	5 3/8x4 3/8x4 3/8"	6 1/4	21	22.50	20.24
TA-431	P-8194	12.2 to 29.0	23.5V @ 12.0A	33.0V @ 12.0A	4 1/4x3 3/8x4 1/2"	5 1/4	12 1/2	14.95	13.73
TA-432	P-8193	17-18V @ 6A†	14.0V @ 5.0A	17.0V @ 4.0A	3 3/8x3 3/8x3 3/8"	6	8.44	7.75	
TA-433	P-8194	36V @ 3A†	28.0V @ 5.2A	38.0V @ 3.5A	4 1/2x3 3/8x4 1/2"	10	14.35	13.18	

TUBE CHECKER MULTI-TAPPED FILAMENT TRANSFORMER

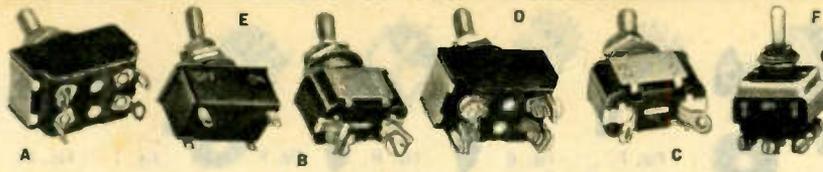
P-1834-3 Multiple-secondary type transformer for use in tube testers. Pri. 125/115/105 V. AC. Secondary output volts 1.1/1.4/1.5/2.0/2.5/3.0/3.4/4.0/5.0/6.3/7.0/7.5/12/20/25/30/35/50/70/85/110/117. Size: 2 3/8x4 1/2x2 1/2". Mtg. ctrs 3 3/8". Shpg. wt., 2 1/2 lbs. Supplied with complete data sheet. TA-455 ... 1-9 ea., 9.92 ... 10-24 ea., 9.11

CONTROL TRANSFORMERS

Automation-type transformer designed to provide trouble-free performance in high speed automatic equip. Adapted to relays and pilot lamps. Two secondary windings permit series or parallel operation. Primary 115 or 230 V 50-60 cps.

Stock No.	Mfr. No.	Fig.	Secondary Series	Size	Mtg. Ctr.	Wt. Lbs.	1-9	10-24	25-49	Net Each
TA-474	P-6375	J	6V @ 2A	12V @ 1A	2 3/8x2 7/8x1 3/4"	2 3/8	1	3.36	3.08	2.77
TA-475	P-6376	J	6V @ 4A	12V @ 2A	3 5/8x3 3/8x2"	2 1/4	1 1/2	3.65	3.34	3.01
TA-476	P-6377	J	12V @ 4A	24V @ 2A	3 1/8x3 5/8x2 3/8"	3 1/8	2 1/2	4.60	4.22	3.80
TA-477	P-6378	BV	12V @ 8A	24V @ 4A	3 1/2x2 7/8x3"	2 1/4x2 3/4	4 1/2	7.33	6.82	6.14
TA-478	P-6379	BV	12V @ 16A	24V @ 8A	4 1/8x3 3/4x3 1/2"	3x2 3/4	8	12.81	11.77	10.60

J B T SWITCHES FOR INDUSTRY



J-B-T GOV'T. SPEC. TOGGLE SWITCHES

CIRCUIT CODE Following explains number in column headed "CIR."
 1. ON-OFF
 2. ON-ON
 3. ON-MOMENTARY OFF
 4. OFF-MOMENTARY ON
 5. ON-OFF-ON
 6. ON-MOMENTARY ON
 7. MOMENTARY ON-MOMENTARY ON
 8. ON-OFF-MOMENTARY ON
 9. MOMENTARY ON-OFF-MOMENTARY ON

JAN-S-23 and MIL-S-21195 HEAVY DUTY SWITCHES

All meet JAN-S-23 and MIL-S-21195 specifications. Nominally rated 20 amp at 125 VAC, 10 amps at 250 VAC. Body size including terminals: ST40 1 1/4 x 1 1/4 x 3/4"; ST42 1 1/2 x 1 1/2 x 3/4"; ST50S, T 1 1/2 x 1 1/2 x 3/4"; ST52S, T 1 1/2 x 1 1/2 x 3/4". All others 1 1/4 x 1 1/2 x 3/4". All have 3/16" bushing and 1/4" bat handle. Types with blinding head screw

terminals meet JAN-S-23 and MIL-S-21195 specs.; types with solder lug terminals meet JAN-S-23. Avg. shpg. wt., 3 oz.

		Net Each in Lots Of					
Stock No.	Govt. Type	Cir.	1-29	30-99	100-249	250-499	500-999
Single Pole Single Throw—Screw Terminals (Fig. B)							
35W-509	ST40A	1	1.01	.84	.67	.63	.59
35W-510	ST40B	3	1.10	.92	.74	.69	.64
35W-511	ST40C	4	1.10	.92	.74	.69	.64
Single Pole Single Throw With Solder Terminal (Fig. C)							
35W-512	ST42A	1	.95	.79	.63	.59	.55
35W-513	ST42B	3	1.04	.87	.69	.65	.61
35W-514	ST42C	4	1.04	.87	.69	.65	.61
Single Pole Double Throw—Screw Terminal (Fig. B)							
35W-515	ST400	2	1.21	1.01	.81	.78	.71
35W-516	ST40E	5	1.21	1.01	.81	.78	.71
35W-517	ST40F	6	1.31	1.09	.87	.82	.76
35W-518	ST40G	7	1.31	1.09	.87	.82	.76
35W-519	ST40H	8	1.31	1.09	.87	.82	.76

		Net Each, in Lots Of					
Stock No.	Govt. Type	Cir.	1-29	30-99	100-249	250-499	500-999
Single Pole Double Throw—Solder Terminal Lug (Fig. C)							
35W-520	ST42D	2	1.12	.94	.75	.70	.65
35W-521	ST42E	5	1.12	.94	.75	.70	.65
35W-522	ST42F	6	1.23	1.03	.82	.77	.72
35W-523	ST42G	9	1.23	1.03	.82	.77	.72
35W-524	ST42H	8	1.23	1.03	.82	.77	.72
Double Pole Single Throw—Screw Terminal (Fig. D)							
35W-525	ST50K	1	1.25	1.04	.83	.78	.73
35W-526	ST50L	3	1.46	1.22	.98	.92	.85
35W-527	ST50M	5	1.46	1.22	.98	.92	.85
Double Pole Single Throw—Solder Lug Terminal (Fig. E)							
35W-528	ST52K	1	1.13	.94	.76	.71	.66
35W-529	ST52L	3	1.27	1.06	.85	.80	.74
35W-530	ST52M	4	1.27	1.06	.85	.80	.74

		Net Each in Lots Of					
Stock No.	Govt. Type	Cir.	1-29	30-99	100-249	250-499	500-999
Double Pole Double Throw—Screw Terminal (Fig. D)							
35W-531	ST50N	2	1.46	1.22	.98	.92	.85
35W-532	ST50P	5	1.46	1.22	.98	.92	.85
35W-533	ST50R	6	1.68	1.39	1.11	1.04	.97
35W-534	ST50S	9	1.68	1.39	1.11	1.04	.97
35W-535	ST50T	8	1.68	1.39	1.11	1.04	.97
Double Pole Double Throw—Solder Lug Terminal (Fig. E)							
35W-536	ST52P	5	1.27	1.06	.85	.80	.74
35W-537	ST-52N	2	1.27	1.06	.85	.80	.74
35W-538	ST52R	6	1.48	1.23	.98	.92	.86
35W-539	ST52S	9	1.48	1.23	.98	.92	.86
35W-540	ST52T	8	1.48	1.23	.98	.92	.86

JAN-S-23 MEDIUM DUTY SWITCHES

Fig. A. All meet JAN-S-23 specifications. All rear connected, with solder lug terminals. Nominally rated 6 amps at 125V AC, 3 amps at 250V AC. Enclosed body 1 1/4 x 1 1/2 x 3/4" with 1/4" bat handle. Bushing 3/16" except * are 1/4" Avg. shpg. wt., 3 oz.

		Net Each, in Lots Of					
Stock No.	Govt. No.	Cir.	1-29	30-99	100-249	250-499	500-999
SINGLE POLE SINGLE THROW							
35W-500	ST12A	1	.69	.65	.59	.59	.58
35W-501	ST12C	3	.79	.74	.69	.67	.64
SINGLE POLE DOUBLE THROW							
35W-502	ST12D	2	.79	.74	.69	.67	.64
35W-503	ST130*	2	.79	.74	.69	.67	.64
DOUBLE POLE SINGLE THROW							
35W-504	ST22K	2	.99	.92	.86	.84	.80
35W-505	ST22M	4	1.08	1.01	.94	.92	.88
35W-506	ST23K*	1	.99	.92	.86	.84	.80
DOUBLE POLE DOUBLE THROW							
35W-507	ST22N	2	1.08	1.01	.94	.92	.88
35W-508	ST23N*	2	1.08	1.01	.94	.92	.88

MIL-S-3950A HVY. DUTY SWITCHES

All meet MIL-S-3950A specifications including seal and water submersion requirements. 20,000 make and break cycles, temperature and endurance test at 400 cycles. All have screw terminals and 1/4" bat handle. Dimen-

sions MS35058—1 1/4 x 1 1/2 x 3/4"; MS35059—1 1/4 x 1 1/2 x 3/4" except * are 1 1/2 x 1 1/2 x 3/4"; MS-25068—1 1/2 x 1 1/2 x 1 1/4". Nominally rated 20 amp at 125 VAC, 10 amp at 250V AC. Shpg. wt., 3 oz.

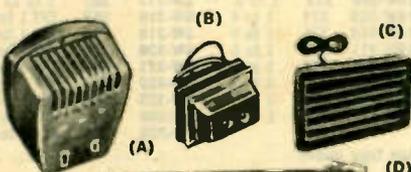
		Net Each, in Lots Of					
Stock No.	Govt. No.	Cir.	1-29	30-99	100-249	250-499	500-999
SINGLE POLE SINGLE THROW (Fig. B)							
35W-541	MS35058-22	1	1.24	1.03	.82	.72	.68
35W-542	MS35058-29	3	1.38	1.15	.92	.80	.76
35W-543	MS35058-30	4	1.38	1.15	.92	.80	.76
35W-544	MS35058-24	1	1.26	1.05	.84	.74	.69
35W-545	MS35058-28	4	1.44	1.20	.96	.84	.79
35W-546	MS35058-25	3	1.44	1.20	.96	.84	.79
SINGLE POLE DOUBLE THROW (Fig. B)							
35W-547	MS35058-23	2	1.46	1.22	.98	.85	.81
35W-548	MS35058-21	5	1.46	1.22	.98	.85	.81
35W-549	MS35058-26	6	1.55	1.29	1.03	.90	.85
35W-550	MS35058-27	9	1.58	1.31	1.05	.92	.87
35W-551	MS35058-31	8	1.58	1.31	1.05	.92	.87
DOUBLE POLE SINGLE THROW (Fig. D)							
35W-552	MS35059-22	1	1.81	1.29	1.03	.90	.85
35W-553	MS35059-29	3	2.12	1.52	1.21	1.06	1.00
35W-554	MS35059-30	4	2.12	1.52	1.21	1.06	1.00
35W-555	MS35059-24	1	2.06	1.47	1.18	1.03	.97
35W-556	MS35059-25	3	2.21	1.58	1.26	1.10	1.04

		Net Each, in Lots Of					
Stock No.	Govt. No.	Cir.	1-29	30-99	100-249	250-499	500-999
DOUBLE POLE DOUBLE THROW (Fig. D)							
35W-557	MS35059-23	2	2.09	1.50	1.20	1.05	.99
35W-558	MS35059-21	5	2.09	1.50	1.20	1.05	.99
35W-559	MS35059-26	6	2.38	1.70	1.36	1.19	1.12
35W-560	MS35059-27*	9	2.38	1.70	1.36	1.19	1.12
35W-561	MS35059-31*	8	2.38	1.70	1.36	1.19	1.12
FOUR POLE SINGLE THROW (Fig. F)							
35W-562	MS25068-24	1	3.15	2.63	2.10	1.97	1.84
35W-563	MS25068-25	3	3.60	3.00	2.40	2.25	2.10
35W-564	MS25068-28	8	3.60	3.00	2.40	2.25	2.10
FOUR POLE DOUBLE THROW (Fig. F)							
35W-565	MS25068-21	5	3.66	3.05	2.44	2.29	2.14
35W-566	MS25068-23	2	4.38	3.65	2.92	2.74	2.56
35W-567	MS25068-26	4	3.87	3.23	2.58	2.42	2.26
35W-568	MS25068-27	9	3.95	3.29	2.63	2.47	2.30
35W-569	MS25068-31	8	3.95	3.29	2.63	2.47	2.30

ATTENTION INDUSTRIALS

We can supply all JBT, JAN-S-23, MIL-S-21195, MIL-S-6745, MIL-S-3550 and MIL-S-3950A switches. Write or phone our Industrial Department for quotations.

"TAPESWITCH" MATS AND STRIPS



Tapeswitch mats close an electrical circuit whenever anyone — EVEN A SMALL CHILD — steps on them. Actuated by less than 5 lbs. weight! Ideal as door mat annunciators in stores, offices, etc.; used to control automatic door openers in food and department stores; can be used to turn on lights, ring bells, actuate electric counters, etc. Perfect for alarm systems in homes, stores, and industry. These units are only 1/2" thick, can be placed under rugs without bulging. Durable brown, textured Vinyl with 6 ft. connecting cord. Size 17x23" SW-28 (Fig. C) Lots of 6, ea. 7.50 Singly ea. 8.33 6x23" with 18" lead mat for use on stairs. SW-29 Lots of 6, ea. 2.65 Singly ea. 2.94 TAPESWITCH STRIPS (Fig. D) with 4' connecting cord. SW-31 3/4"x2" Lots of 6, ea. 2.48 Singly ea. 2.75 SW-32 3/4"x5" Lots of 6, ea. 4.28 Singly ea. 4.75

ACCESSORIES

EL-52 10 volt transformer (Fig. B) for bell or chime	Net 1.70
EL-53 Single note chime (Fig. A)	Net 1.95

FOOT SWITCH

195

Rugged, compact foot switch. Rated 6A.-125VAC. Push action, SPST, positive contact. Skid proof rubber base and housing. Efficient switching for tape recorders, dictating machines, musical instrument amplifiers, sewing machines, electric motors. Serves as safety device on many machines. 4 1/2 x 1 1/2 x 1 1/4" overall. Shpg. wt., 6 oz. Imported
 SW-100 Net ea., 1.49 in lots of 3, ea., 1.19

HEAVY DUTY LOCK SWITCH

• For Burglar Alarm Systems
 • Hidden Auto Disconnect
 • Power Tool Safety Switch

Heavy duty bakelite construction insures minimum internal resistance and greater current carrying capacity. Extra heavy contacts. Terminals set for simple installation—well recessed to prevent shorting. Installs in any hole from 3/4" to 1 1/2" in dia., in any panel up to 3/4" thick. Two terminal single throw. Key can be removed in both "on" and "off" position. Prevents tampering with automotive equipment—power tools—electrical appliances. Activates alarm systems—only key can shut off. Suitable for marine equipment. With 2 keys. Shpg. wt., 8 ozs.
 SW-75 Net 1.29

LAFAYETTE SUBMINIATURE SWITCHES

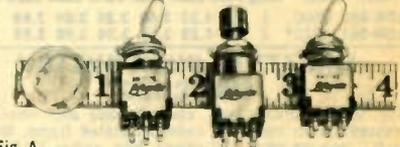
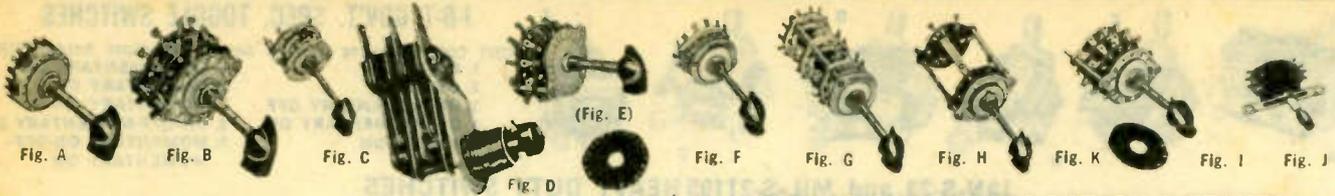


Fig A TOGGLE SWITCH
 Industrial quality, subminiature, D.P.D.T., AC toggle switch. Rated at 10 amps, 125 volts A.C. Life tested through 100,000 cycles. Contact resistance, 0.01 ohms. Insulation resistance 100 megohms at 500 V.A.C. Maximum breakdown voltage 1000 V.A.C. Body size 1/2 x 1/2 x 3/8". Bushing 1/40 x 1/40". Handle 3/16" L. Behind panel depth, including lugs, 3/4". Includes slip-on insulator for handle, mounting hardware and "on-off" plate. Shpg. wt., 2 ozs. Imported
 SW-76 Net ea., 1.49 Lots of 10 ea. 1.35 Lots of 100 ea. 1.19

SUBMINIATURE MOMENTARY PUSH-BUTTON SWITCH (Fig. B) All dimensions and specifications exactly the same as SW-76 above except momentary push-button action. Imported
 SW-101 Net ea., 1.89 Lots of 10, ea., 1.52 Lots of 100, ea., 1.35

SUBMINIATURE SPRING RETURN TYPE 6 AMP DPDT (Fig. C) All dimensions and specifications exactly as SW-76, above except rated at 6 amps, 125V A.C., with spring return action. Shpg. wt., 2 ozs. Imported
 SW-83 Net ea., 1.59 Lots of 10, ea. 1.43 Lots of 100, ea. 1.27

MALLORY ROTARY, INDUSTRIAL AND HAM SWITCHES



MALLORY SINGLE GANG ROTARY SWITCHES

(Fig. A) Single gang, phenolic wafer. 1 1/4" diameter and 30° indexing except * are 1 1/8" and have 20° indexing and adjustable stop. Voltage breakdown 500 v AC or DC. 2" notched shaft with 3/8" threaded bushing, 3/8" long. With bar knob, nut and lockwasher. Shpg. wt., 4 oz.

Shorting Type		Non-Shorting		Posi- tions	1-4	5-9	10-24	25-49	50-99	100- 499	
Stock No.	Mfg. No.	Stock No.	Mfg. No.								Each
3SW-350	3115J	SW-362	3215J	1	5	.99	.84	.76	.72	.67	.60
3SW-351	31112J	SW-363	32112J	1	12	.99	.84	.76	.72	.67	.60
3SW-353	3122J	SW-365	3222J	2	2	.99	.84	.76	.72	.67	.60
3SW-354	3123J	SW-366	3223J	2	3	.99	.84	.76	.72	.67	.60
3SW-355	3126J	SW-367	3226J	2	6	.99	.85	.78	.74	.68	.61
3SW-357	3134J	SW-369	3234J	3	4	1.02	.87	.78	.74	.70	.63
3SW-358	3142J	SW-371	3242J	4	2	1.02	.87	.78	.74	.70	.63
3SW-359	3143J	SW-372	3243J	4	3	1.02	.87	.78	.74	.70	.63
3SW-362	31117J*	SW-364	32117J*	1	2 to 17	1.52	1.29	1.16	1.10	1.03	.93
3SW-356	3129J*	SW-368	3229J*	2	2 to 9	1.53	1.29	1.16	1.10	1.03	.93
3SW-360	3136J*	SW-370	3236J*	3	2 to 6	1.63	1.38	1.24	1.18	1.10	.99
3SW-361	3163J*	SW-373	3263J*	6	2 to 3	1.63	1.38	1.24	1.18	1.10	.99

MALLORY MULTIGANG ROTARY SWITCHES

(Fig. B) Phenolic wafers. 1/2" spacing between gangs except 3 and 4 gang is 1". Indexing is 30°. Have 1 fixed and 1 adjustable stop. Voltage breakdown 1000V AC or DC. Contacting members silver coated. 2" notched shaft requires 3/8" mtg. hole. Types with * have additional off position with all circuits open. With bar knob, nut and lock washer. Avg. shpg. wt., 8 oz.

Shorting Type		Non-Shorting Type		Total Poles	Pos. per Pole	1-4	5-9	10-24	25-49	50-99	100- 499
Stock No.	Mfg. No.	Stock No.	Mfg. No.								
3SW-275	1211L	SW-291	1311L	1	11	2.05	1.74	1.57	1.49	1.39	1.25
3SW-278	1215L*	SW-294	1315L*	1	2	5	2.05	1.74	1.57	1.49	1.39
3SW-277	1213L*	SW-293	1313L*	1	3	3	2.05	1.74	1.57	1.49	1.39
3SW-276	1212L*	SW-292	1312L*	1	4	2	2.05	1.74	1.57	1.49	1.39
3SW-279	1221L	SW-295	1321L	2	2	11	2.54	2.16	1.94	1.84	1.73
3SW-282	1225L*	SW-298	1325L*	2	4	5	2.54	2.16	1.94	1.84	1.73
3SW-281	1223L*	SW-297	1323L*	2	6	3	2.54	2.16	1.94	1.84	1.73
3SW-280	1222L*	SW-296	1322L*	2	8	2	2.54	2.16	1.94	1.84	1.73
3SW-283	1231L	SW-299	1331L	3	3	11	3.18	2.70	2.43	2.31	2.16
3SW-284	1235L*	SW-300	1335L*	3	6	5	3.18	2.70	2.43	2.31	2.16
3SW-285	1241L	SW-301	1341L	4	4	11	3.74	3.18	2.86	2.72	2.54
3SW-286	1245L*	SW-302	1345L*	4	8	5	3.74	3.18	2.86	2.72	2.54
3SW-287	1251L	SW-303	1351L	5	5	11	4.02	3.42	3.08	2.93	2.74
3SW-288	1256L	SW-304	1356L	5	10	6	4.45	3.78	3.40	3.23	3.02
3SW-289	1261L	SW-305	1361L	6	6	11	4.72	4.02	3.62	3.44	3.22
3SW-290	1266L	SW-306	1366L	6	12	6	5.40	4.59	4.13	3.92	3.67

CERAMIC SELECTOR SWITCHES

(Fig. C) Ideal for RF circuits. All non-shortening. Ceramic insulation, silver plated contacts. 1/2" spacing between gangs except 1" on 3 gang. Voltage breakdown 500V AC or DC. Max. non-breaking resistive load is 10 amps. 1" mtg. radius. Notched shaft 2 1/4" diameter with 3/8" x 3/8" bushing. Adjustable stop. Type with * have added "OFF" position preceding others. With knob, nut and lockwasher. Shpg. wt., 8 oz.

SINGLE GANG		Poles per Gang	Pos. per Pole	1-4	5-9	10-24	25-49	50-99	100- 499
Stock No.	Mfg. No.								
3SW-374	172C	1	11	2.33	1.98	1.78	1.69	1.58	1.43
3SW-375	173C*	2	5	2.33	1.98	1.78	1.69	1.58	1.43
3SW-376	174C*	3	3	2.33	1.98	1.78	1.69	1.58	1.43

TWO GANG		Poles per Gang	Pos. per Pole	1-4	5-9	10-24	25-49	50-99	100- 499
Stock No.	Mfg. No.								
3SW-377	176C	1	11	3.31	2.82	2.54	2.41	2.26	2.03
3SW-378	177C*	2	5	3.31	2.82	2.54	2.41	2.26	2.03
3SW-379	178C*	3	3	3.31	2.82	2.54	2.41	2.26	2.03

THREE GANG		Poles per Gang	Pos. per Pole	1-4	5-9	10-24	25-49	50-99	100- 499
Stock No.	Mfg. No.								
3SW-380	180C	1	11	4.23	3.60	3.24	3.08	2.88	2.59
3SW-381	181C*	2	5	4.23	3.60	3.24	3.08	2.88	2.59

MINIATURE PUSH-BUTTON SWITCHES

(Fig. D) Non-locking type, contact made only when depressed. Silver contacts, cadmium plated frame. Mount in 3/8" hole on up to 1 1/4" panels. Mtg. radius 1 1/4". Mtg. depth 3/16" min. to 7/8" max. Circuit codes: M=make, B=break, MBB=make before break. Voltage breakdown 500 v DC. With hardware. Shpg. wt., 3 oz.

Stock No.	Mfg. No.	Circuit	1-4	5-9	10-24	25-49	50-99	100- 499
3SW-382	1011	SPST-M	.67	.57	.51	.48	.46	.41
3SW-383	1012	SPST-B	.67	.57	.51	.48	.46	.41
3SW-384	1013	SPDT	.77	.66	.59	.56	.53	.48
3SW-385	1014	DPST-M2	.84	.72	.65	.62	.58	.52
3SW-386	1015	DPST-B2	.84	.72	.65	.62	.58	.52
3SW-387	1016	DPDT	1.02	.87	.78	.74	.70	.63
3SW-388	1017	DP-M2B1	1.02	.87	.78	.74	.70	.63
3SW-389	1018	DPDT-MBB	1.41	1.20	1.08	1.03	.96	.86

24 POSITION TAP SWITCH

(Fig. E) Single circuit 24 positions, continuous rotation with no stops. 15° spacing between positions. Non-shortening. 2" notched shaft. 3/8" x 3/8" bushing. 2 phenolic sections. Voltage breakdown 1000V AC-DC. With knob, hardware and dial plate. Shpg. wt., 6 oz.

Stock No.	Mfg. No.	1-4	5-9	10-24	25-49	50-99	100- 499
3SW-390	13124L	2.71	2.31	2.08	1.98	1.85	1.67

DECADE SWITCHES

(Fig. F) Type 153L capacitor switch and 154L resistor switch for simple construction of decade boxes. Phenolic insulation. The number of positions is adjustable for use as a single decade or with more switches as a multiple decade. Requires only 4 capacitors or resistors for full decade operation. Depth behind panel is 1", lateral space 2". Voltage breakdown rating 500V DC or AC. Shaft 2" long x 1/4" diameter. With knob and hardware. Shpg. wt., 8 oz. Uses SW-324 Dial Plate.

Stock No.	Type	1-4	5-9	10-24	25-49	50-99	100- 499
3SW-393	153L	2.65	2.25	2.03	1.93	1.80	1.62
3SW-394	154L	2.89	2.46	2.21	2.10	1.97	1.77

CERAMIC "HAMBAND" SWITCHES

(Fig. G) cell are non-shortening with continuous rotation and 90° indexing. Rated 1000VDC and 100 Watts. 2x1/2" notched shaft with 3/8" x 3/8" bushing 2 gang have 1 1/2" spacing between other 1". Mtg. radius 1". With knob, nut and lock washer. Avg. shpg. wt., 8 oz.

Stock No.	Mfg. No.	Total Poles	1-4	5-9	10-24	25-49	50-99	100- 499
3SW-397	161C	1	2.12	1.80	1.62	1.54	1.44	1.30
3SW-398	162C	2	3.00	2.55	2.30	2.19	2.04	1.84
3SW-399	163C	3	3.88	3.30	2.97	2.82	2.64	2.38
3SW-400	164C	4	4.76	4.05	3.65	3.47	3.24	2.92
3SW-401	165C	5	5.64	4.80	4.32	4.10	3.84	3.46

Mallory 488 dial plate per above. Shpg. wt., 2 oz.
3SW-409 Net .12

TYPE 151L "HAMSWITCH"

(Fig. H) Non shorting, 2 section 5 position, 1 pole per section. 2 1/4" between sections, 60° indexing with adjustable stops. Ideal for switching up to 5 transmitter circuits to a single meter. Rated 1000VAC on 1500 DC. Mtg. depth 3 1/2" x 2 1/4" diameter notched shaft, 3/8" x 3/8" bushing with knob and hardware. Shpg. wt., 6 oz.

Stock No.	Type	1-4	5-9	10-24	25-49	50-99	100- 499
3SW391	151L	2.65	2.25	2.03	1.93	1.80	1.62

3SW-395 Type 487 Dial plate per above Net .12

CIRCUIT OPENING SWITCH

(Fig. I) For meter switching or opening of multiple circuits for insertion of one while maintaining others. Phenolic insulation, 2 to 11 position adjustable stop 2" grooved shaft 3/8" x 3/8" bushing. Indexing 30°. Max. volt 500 DC. Mtg. depth behind panel 2 1/4". Max. non-bushing current resistive load, 10 amp. With knob, hardware and dial plate. Shpg. wt., 6 oz.

Stock No.	Type	1-4	5-9	10-24	25-49	50-99	100- 499
3SW-396	1400L	4.59	3.90	3.51	3.33	3.12	2.81

LEVER ACTION SWITCHES

(Fig. J) Positive action, phenolic sections, 6000 series have mtg. brackets with round holes 1 1/8" apart; 5000 series have elongated holes in bracket with 2 1/2" centers. Voltage rating 500 VAC-DC. Max. non-breaking current resistive load, 5 amp. at 6 VAC. 20° indexing with knob and hardware. Shpg. wt., 4 oz.

Stock No.	Mfg. No.	Pos. per Pole	1-4	5-9	10-24	25-49	50-99	100- 499
3SW-402	5124	2	4	1.34	1.14	1.03	.98	.91
3SW-403	6142	4	2	1.17	.99	.89	.85	.79
3SW-404	6143	4	3	1.17	.99	.89	.85	.79

Non-Shorting		Pos. per Pole	1-4	5-9	10-24	25-49	50-99	100- 499
Stock No.	Mfg. No.							
3SW-405	5224	2	4	1.34	1.14	1.03	.98	.91
3SW-406	6242	4	2	1.17	.99	.89	.85	.79
3SW-407	6243	4	3	1.17	.99	.89	.85	.79

MALLORY DIAL PLATES

(Fig. K) Etched aluminum on black background. Use 30° spacing plates for all Mallory 1200 L and 1300 L series switches and for 1 1/4" base. 3100 J and 3200 J series. 20° spacing for 1 1/4" base switches in latter series. 1 1/8" diam, 3/8" hole. Shpg. wt., 2 oz.

30° SPACING FOR 1 1/4" BASE SWITCHES		Stock No.	Mfg. No.	Marking	Stock No.	Mfg. No.	Marking
3SW-307	372							1 to 2	SW-316	381	1 to 11
3SW-308	373	1 to 3	SW-317	382	1 to 12		
3SW-309	374	1 to 4	SW-318	383	Off 1 to 3		
3SW-310	375	1 to 5	SW-319	384	Off 1 to 4		
3SW-311	376	1 to 6	SW-320	385	Off 1 to 5		
3SW-312	377	1 to 7	SW-321	386	Off 1 to 6		
3SW-313	378	1 to 8	SW-322	387	Off 1 to 7		
3SW-314	379	1 to 9	SW-323	388	Off 1 to 8		
3SW-315	380	1 to 10	SW-324	389	Off 1 to 9		
			SW-325	390	Off 1 to 10		

Any type above12

20° SPACING FOR 1 1/4" BASE SWITCHES		Stock No.	Mfg. No.	Marking	Stock No.	Mfg. No.	Marking
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SWITCHES FOR INDUSTRY - RADIO AND TV

MALLORY-GRIGSBY MINIATURE ROTARY SWITCHES

Commercial equivalent to MIL-S-3786. Breakdown voltage between contacts, and contacts and frames is 1700 V R.M.S., 60 cycles. Contact rating is 350 MA at 500 volts R.M.S. resistive load. Shaft is 2" long by 1/4" dia. with 1/2" spacing between wafers. Wafers are 1 1/4" dia. and 30° indexing. Overall dia. 1 3/8". Supplied with knob, adjustable stop, lock washer and nut.

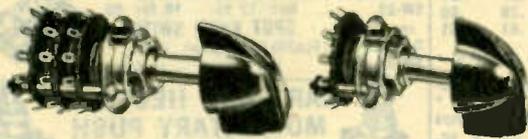


PHENOLIC SWITCHES

Stators and rotors use Richardson T725 grade phenolic. Has common contact on same side as the switching contacts. Shpg. wt., 3 oz.

Shorting Type Stock No.	Mfr. No.	Non-Shorting Stock No.	Mfr. No.	Cir. Per Sec.	Pos. Sec.	100-499																
						1-4	5-9	10-24	25-49	50-99	100-499											
3SW-600	4M11111	3SW-617	4M21111	1	1	1.1	1.76	1.50	1.35	1.28	1.20	1.08										
3SW-601	4M1215	3SW-618	4M2215	2	1	1.5	1.76	1.50	1.35	1.28	1.20	1.08										
3SW-602	4M1211	3SW-619	4M21211	1	2	1.1	2.53	2.15	1.94	1.84	1.72	1.55										
3SW-603	4M1313	3SW-620	4M2313	3	1	3	1.76	1.50	1.35	1.28	1.20	1.08										
3SW-604	4M1311	3SW-621	4M21311	1	3	1	3.18	2.70	2.43	2.31	2.16	1.94										
3SW-605	4M1412	3SW-622	4M2412	4	1	2	1.76	1.50	1.35	1.28	1.20	1.08										
3SW-606	4M1225	3SW-623	4M2225	2	2	2	2.53	2.15	1.94	1.84	1.72	1.55										
3SW-607	4M11411	3SW-624	4M21411	1	4	1	3.73	3.18	2.86	2.71	2.54	2.29										
3SW-608	4M11511	3SW-625	4M21511	1	5	1	4.38	3.73	3.35	3.18	2.98	2.68										
3SW-609	4M1323	3SW-626	4M2323	3	2	2	2.53	2.15	1.94	1.84	1.72	1.55										
3SW-610	4M1235	3SW-627	4M2235	2	3	3	3.18	2.70	2.43	2.31	2.16	1.94										
3SW-611	4M1611	3SW-628	4M21611	1	6	1	4.94	4.20	3.78	3.59	3.36	3.02										
3SW-612	4M1422	3SW-629	4M2422	4	2	2	2.53	2.15	1.94	1.84	1.72	1.55										
3SW-613	4M1245	3SW-630	4M2245	2	4	2	3.73	3.18	2.86	2.71	2.54	2.29										
3SW-614	4M1255	3SW-631	4M2255	2	5	2	4.38	3.73	3.35	3.18	2.98	2.68										
3SW-615	4M1432	3SW-632	4M2432	4	3	2	3.15	2.70	2.43	2.31	2.16	1.94										
3SW-616	4M1265	3SW-633	4M2265	2	6	2	4.94	4.20	3.78	3.59	3.36	3.02										

MALLORY-GRIGSBY SUB-MINIATURE ROTARY SWITCHES



Glass epoxy wafers per MIL-P-18177. Rated at 150 MA at 125 VRMS. Max. rating 225V; max. current 2.5 amps at 6VAC RMS (resistive load). Wafers are 7/8" dia., spacing is 1/2" between wafers; shaft is 1 1/4" long x 1/4" dia. with 3/8" x 1/4" bushing. Has 30° indexing and fixed stop. Supplied with knob, washer, and nut. Shpg. wt., 1 1/2 oz.

Shorting Type Stock No.	Mfr. No.	Non-Shorting Stock No.	Mfr. No.	No. of Cir. Pos.	No. of Per of Sec.	100-499															
						1-4	5-9	10-24	25-49	50-99	100-499										
3SW-701	12M11111G	3SW-713	12M21111G	1	1	1	4.43	3.77	3.39	3.23	3.01	2.71									
3SW-702	12M1211G	3SW-714	12M21211G	2	1	1	5.47	4.65	4.19	3.98	3.79	3.35									
3SW-703	12M1215G	3SW-715	12M21215G	2	5	2	4.43	3.77	3.39	3.23	3.01	2.71									
3SW-704	12M1311G	3SW-716	12M21311G	3	1	1	6.51	5.53	4.98	4.74	4.26	3.98									
3SW-705	12M1313G	3SW-717	12M21313G	3	3	1	4.43	3.77	3.39	3.23	3.01	2.71									
3SW-706	12M1225G	3SW-718	12M2225G	4	2	2	5.47	4.65	4.19	3.98	3.79	3.35									
3SW-707	12M1412G	3SW-719	12M2412G	4	5	2	4.43	3.77	3.39	3.23	3.01	2.71									
3SW-708	12M1235G	3SW-720	12M2235G	6	5	2	6.51	5.53	4.98	4.74	4.26	3.98									
3SW-709	12M1323G	3SW-721	12M2323G	6	3	2	5.47	4.65	4.19	3.98	3.79	3.35									
3SW-710	12M1422G	3SW-722	12M2422G	8	2	2	5.47	4.65	4.19	3.98	3.79	3.35									
3SW-711	12M1333G	3SW-723	12M2333G	9	3	3	6.51	5.53	4.98	4.74	4.26	3.98									
3SW-712	12M1432G	3SW-724	12M2432G	12	2	4	6.51	5.53	4.98	4.74	4.26	3.98									

MALLORY-GRIGSBY MINIATURE ROTARY HAM SWITCHES

60° & 90° HAM SWITCHES

Designed for high RF signals. All are non-shorting ceramic type single circuit per section. Breakdown voltage between contacts, and contacts and frames.

Stock No.	60° INDEX 6 POSITION		90° INDEX 4 POSITION		Mfr. No.	Sec.	1-4	5-9	10-24	25-49	50-99	100-499
	Stock No.	Mfr. No.	Stock No.	Mfr. No.								
3SW-676	4M2116H	3SW-681	4M2114N	1	1	1	2.12	1.80	1.62	1.54	1.44	1.30
3SW-677	4M2126H	3SW-682	4M2124N	2	3	2	3.00	2.55	2.30	2.18	2.04	1.84
3SW-678	4M2136H	3SW-683	4M2134N	3	3	3	3.84	3.30	2.97	2.82	2.64	2.38
3SW-679	4M2146H	3SW-684	4M2144N	4	4	4	4.76	4.05	3.65	3.46	3.24	2.92
3SW-680	4M2156H	3SW-685	4M2154N	5	5	5	5.64	4.80	4.32	4.10	3.84	3.46

is 1700 volts R.M.S., 60 cycle. Contact rating is 350 MA, at 500 volts RMS resistive load. 2" long by 1/4" dia. shaft. 1/2" spacing between wafers. Overall dia. 1 3/8". Supplied with knob, adjustable stop, lock washer and nut. Shpg. wt., 3 oz.

NET EACH IN LOTS OF

	1-4	5-9	10-24	25-49	50-99	100-499
"Compact" Model 491-S. Lightweight, momentary contact switch with SPDT, rated at 10 amps at 125 VAC, 1/2 HP at 115 VAC. Steel housing black wrinkle finish, skidproof base pad. Size 2 1/2 x 2 1/2 x 1 1/4". Shpg. wt., 7 oz.	1.9	ea.	3.25	10-19	ea.	2.91
SW-117	20-49	ea.	2.60			
"Compact" Model 491-SC. Same as above but wired with six foot cord and two prong plug.	1.9	ea.	4.75	10-19	ea.	4.28
SW-112	20-49	ea.	3.80			
"Clipper" Model 632-S. Momentary contact with SPDT, rated at 20 amps 125-250VAC, 1HP 115-230 VAC. Cast iron housing, skid-proof base pad, black wrinkle finish. Size: 4 1/2 x 3 1/2 x 1 1/2". Shpg. wt., 2 1/4 lbs.	1.9	ea.	8.25	10-19	ea.	7.37
SW-113	20-49	ea.	6.60			
"Clipper" Model 632-D. Same as above but maintains contact until again actuated.	1.9	ea.	11.00	10-19	ea.	9.85
SW-114	20-49	ea.	8.80			

LINE MASTER FOOT SWITCHES



"Treadlite" Model T51-S. Compact, versatile. Has a heavy tread on the actuating treadle and a skid-proof base pad. Durable black finish casing. SPDT momentary contacts, rated at 7 amps at 125-250VAC, 1/2 HP at 115VAC. Size: 3 1/2 x 2 1/2 x 1". Shpg. wt., 7 oz.

SW-115 1.9 ea. 2.75 10-19 ea. 2.47 20-49 ea. 2.20

"Treadlite" Model T-51-SC. Same as above but wired with a six foot cord and two prong series plug. Shpg. wt., 1 lb.

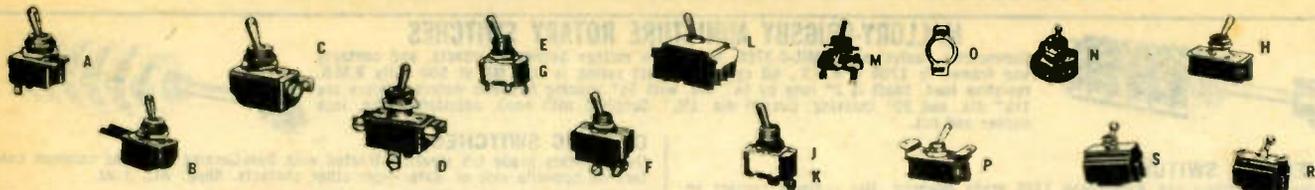
SW-116 1.9 ea. 4.00 10-19 ea. 3.60 20-49 ea. 3.20

CERAMIC SWITCHES

Uses military grade L-5 steatite, treated with Dow-Corning 200. Has common contact on opposite side of wafer from other contacts. Shpg. wt., 3 oz.

Shorting Type Stock No.	Mfr. No.	Non-Shorting Stock No.	Mfr. No.	Cir. Per Sec.	Pos. Sec.	100-499									
						1-4	5-9	10-24	25-49	50-99	100-499				
3SW-634	4M1112C	3SW-655	4M2112C	1	1	1	2.32	1.98	1.78	1.69	1.58	1.42			
3SW-635	4M1216C	3SW-656	4M2216C	2	1	2	2.32	1.98	1.78	1.69	1.58	1.42			
3SW-636	4M1212C	3SW-657	4M21212C	1	2	1	3.32	2.83	2.54	2.42	2.26	2.03			
3SW-637	4M1315C	3SW-658	4M2315C	3	1	5	2.32	1.98	1.78	1.69	1.58	1.42			
3SW-638	4M1312C	3SW-659	4M21312C	1	3	1	4.23	3.60	3.24	3.08	2.88	2.59			
3SW-639	4M1226C	3SW-660	4M2226C	2	2	6	3.32	2.83	2.54	2.42	2.26	2.03			
3SW-640	4M1412C	3SW-661	4M21412C	1	4	2	5.09	4.33	3.89	3.70	3.46	3.11			
3SW-641	4M1513C	3SW-662	4M2513C	5	1	3	2.32	1.98	1.78	1.69	1.58	1.42			
3SW-642	4M1512C	3SW-663	4M21512C	1	5	1	6.06	5.15	4.64	4.40	4.12	3.71			
3SW-643	4M1612C	3SW-664	4M2612C	6	1	2	2.32	1.98	1.78	1.69	1.58	1.42			
3SW-644	4M1325C	3SW-665	4M2325C	3	2	5	3.32	2.83	2.54	2.42	2.26	2.03			
3SW-645	4M1236C	3SW-666	4M2236C	2	3	6	4.23	3.60	3.24	3.08	2.88	2.59			
3SW-646	4M1612C	3SW-667	4M2612C	1	6	1	7.06	6.00	5.40	5.13	4.80	4.32			
3SW-647	4M1246C	3SW-668	4M2246C	2	4	6	5.09	4.33	3.89	3.70	3.46	3.11			
3SW-648	4M1335C	3SW-669	4M2335C	3	3	5	4.23	3.60	3.24	3.08	2.88	2.59			
3SW-649	4M1523C	3SW-670	4M2523C	5	2	3	3.32	2.83	2.54	2.42	2.26	2.03			
3SW-650	4M1256C	3SW-671	4M2256C	2	5	6	6.06	5.15	4.64	4.40	4.12	3.71			
3SW-651	4M1622C	3SW-672	4M2622C	6	2	2	3.32	2.83	2.54	2.42	2.26	2.03			
3SW-652	4M1266C	3SW-673	4M2266C	2	6	6	7.06	6.00	5.40	5.13	4.80	4.32			
3SW-653	4M1533C	3SW-674	4M2533C	5	3	3	4.59	3.90	3.51	3.33	3.12	2.81			
3SW-654	4M1632C														

SWITCHES FOR EVERY APPLICATION



CUTLER HAMMER SWITCHES

AC-DC TOGGLE SWITCHES LIGHT DUTY — 3 to 6 AMPS

For use on small motor-driven tools and appliances where a sturdy switch is required. Long life and high arc resistant. $\frac{1}{2}$ dia. threaded stem. Length of stem $\frac{1}{2}$ except $\frac{1}{4}$ and $\frac{3}{4}$. All have solder lug terminals except # 6" wire leads, $\frac{1}{2}$ screw terminals. All 3 amps at 250V except $\frac{1}{2}$ amp. U.L. approved. Avg. shpg. wt., 3 oz.

Stock No.	Mfr's. Type	Con-tacts	Fig.	Amps 125V	Net Each		
					1-9	10-99	100-499
SW-471	8280-K14*	SPST	A	—	.52	.43	.36
SW-472	8280-K15†	SPST	A	—	.52	.43	.36
SW-460	8280-K16	SPST	A	—	.52	.43	.36
SW-473	8282-K13††	3 Way	A	—	.66	.55	.46
SW-461	8282-K14‡	SPDT	A	3	.66	.55	.46
SW-474	8282-K12*‡	SPDT	A	3	.66	.55	.46
SW-475	8284-K14‡	2 Circ.	A	3	.71	.58	.48
SW-476	8290-K15†#	SPST	B	—	.64	.52	.44
SW-477	8290-K16*‡	SPST	B	—	.64	.52	.44
SW-478	8295-K7†‡	SPST	C	—	.64	.52	.44
SW-479	8295-K8*‡	SPST	C	—	.64	.52	.44
SW-480	8360-K6*	DPST	A	—	.95	.79	.66
SW-483	8360-K7	DPST	A	—	.95	.79	.66
SW-481	8360-K8†	DPST	A	—	.95	.79	.66
SW-482	8363-K6†	DPST	A	—	1.09	.91	.75
SW-462	8363-K7	DPDT	A	6	1.09	.91	.75
SW-483	8363-K8†	DPDT	A	—	1.09	.91	.75
SW-484	8365-K7‡	DPDT	D	—	1.47	1.20	1.01
SW-485	8370-K7	DPST	A	6	1.02	.85	.71
SW-486	8370-K8†	DPDT	A	—	1.02	.85	.71
SW-487	8372-K7‡	DPST	D	6	1.25	1.04	.86
SW-488	8373-K7	DPDT	A	6	1.18	.97	.81
SW-489	8373-K8†	DPDT	A	6	1.18	.97	.81
SW-490	8375-K7‡	DPDT	D	6	1.51	1.24	1.12
SW-491	8381-K7†	SPST	A	6	.60	.50	.41
SW-492	8381-K8	SPST	A	6	.60	.50	.41
SW-493	8391-K7#	SPST	B	6	.72	.59	.49
SW-494	8391-K8†#	SPST	B	6	.72	.59	.49
SW-495	8396-K7‡	SPST	C	6	.72	.59	.49
SW-496	8396-K8†‡	SPST	C	6	.72	.59	.49

AC TOGGLE SWITCHES LIGHT DUTY — 6 AMP

For use in radios, appliances and other equipment which use snap action mechanism. All rated 6 amps at 125V and 3 amps at 250V. * Center-off position. Threaded stems are $\frac{1}{2}$ in dia., stem length $\frac{1}{2}$. U.L. app. Avg. shpg. wt., 3 oz. † indicates screw terminals, ‡ indicates solder terminals.

Stock No.	Mfr's. Type	Con-tacts	Fig.	1-9	10-99	100-499
SW-758	7580-K6‡	SPST	K	.45	.38	.31
SW-759	7581-K4*	SPDT	K	.60	.50	.41
SW-760	7581-K6*‡	SPDT	K	.49	.41	.34
SW-761	7582-K4†	SPDT	K	.60	.50	.41
SW-762	7582-K6‡	SPDT	K	.49	.41	.34
SW-763	7590-K4†	DPST	F	.81	.67	.56
SW-764	7590-K6‡	DPDT	F	.66	.55	.45
SW-765	7591-K4†	DPDT	F	.96	.79	.66
SW-766	7591-K6*‡	DPDT	F	.73	.61	.51
SW-767	7592-K4†	DPDT	F	.96	.79	.66
SW-768	7592-K6‡	DPDT	F	.73	.61	.51

STANDARD DUTY — 10 to 15 AMPS

Slow make, slow break mechanism. All have $\frac{1}{2}$ dia. meter threaded stem. $\frac{1}{2}$ long except $\frac{3}{4}$ long, * center off, all rated 10 amps at 250V AC and 15 amps at 125V AC. U.L. approved. Avg. shpg. wt., 3 oz. † indicates screw terminal, ‡ indicates solder terminals.

Stock No.	Mfr's. Type	Con-tacts	Fig.	1-9	10-99	100-499
SW-770	7500-K14†	SPST	J	.60	.50	.41
SW-771	7501-K12‡	SPST	J	.52	.43	.34
SW-772	7501-K13‡	SPST	J	.52	.43	.34
SW-773	7502-K12*‡	SPDT	E	.72	.59	.49
SW-774	7502-K13*	SPDT	E	.72	.59	.49
SW-775	7503-K12*‡	SPDT	E	.60	.50	.41
SW-776	7503-K13*‡	SPDT	E	.60	.50	.41
SW-777	7504-K3†‡	SPDT	E	.72	.59	.49
SW-778	7504-K4†	SPDT	E	.72	.59	.49
SW-779	7505-K3†	SPDT	E	.60	.50	.41
SW-780	7505-K4†	SPDT	E	.60	.50	.41
SW-781	7560-K5†	DPST	F	.96	.79	.66
SW-782	7560-K6†	DPST	K	.96	.79	.66
SW-783	7561-K4†	DPST	F	.81	.67	.56
SW-784	7561-K5†	DPST	K	.81	.67	.56
SW-785	7562-K4†	DPDT	F	1.16	.98	.81
SW-786	7562-K5†*	DPDT	F	1.16	.98	.81
SW-787	7563-K4†	DPDT	F	.96	.79	.66
SW-788	7563-K5†*	DPDT	F	.96	.79	.66
SW-789	7564-K6†	DPDT	F	1.16	.98	.81
SW-790	7564-K7†‡	DPST	F	1.16	.98	.81
SW-791	7565-K5†	DPDT	F	.96	.79	.66
SW-792	7565-K6†	DPDT	F	.96	.79	.66
SW-793	7600-K3†	3PST	L	1.93	1.60	1.32
SW-794	7602-K2†	3PST	L	2.42	2.03	1.69
SW-795	7610-K2†	3PST	L	1.93	1.60	1.32
SW-796	7611-K2†	3PST	L	1.66	1.35	1.12
SW-797	7612-K2†	3PST	L	2.42	2.03	1.69
SW-798	7613-K2†	3PST	L	2.04	1.69	1.41
SW-799	7614-K2†	3PST	L	2.45	2.03	1.69
SW-800	7615-K2†	3PST	L	2.04	1.69	1.41

HEAVY DUTY — 20 AMPS

Rugged Bakelite housings. Switches rated 20 amps at 250V AC. Screw terminals. U.L. approved. 8320-K1 has $\frac{1}{2}$ dia. stem for one hole mtg. 8337-K2 is flush mtg. type with $\frac{3}{8}$ mtg. centers. Shpg. wt., 3 oz.

Stock No.	Mfr's. Type	Con-tacts	Fig.	1-9	10-99	100-499
SW-802	8337-K2	3PST	R	3.32	2.80	2.35

7140-K6 CENTER-OFF AIRCRAFT SWITCH
SPDT switch with center-off position. 3 amps at 125V AC and 10 amps at 24V DC. Screw terminals. Size $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$. Threaded stem dia. $\frac{1}{8}$, stem length $\frac{1}{2}$. U.L. approved.

Stock No.	Mfr. No.	Fig.	Net Each		
			1-9	10-99	100-499
SW-467	7140-K6	N	.45	.37	.30

NEW! MAGNETIC PROXIMITY SWITCH



Magnet Switch
Circuit Closes When Magnet Approaches Switch
● For Industry and Business
● Hermetically Sealed

An ingenious little device that has untold uses in the home—in a burglar alarm system, electric trains, "magic tricks," and many more. As the magnet approaches the switch, the circuit closes. Hermetically sealed; precious metal contacts; 1 millisecond actuation. 15 watts resistive max. up to 1 amp to 250 volts. Size: $2\frac{1}{4} \times \frac{1}{2}$ with leads SW-105 Shpg. wt., 3 ozs. Net 1.74

MIDGET-BAKELITE KNIFE SWITCHES

Compact switches mounted on black bakelite base with insulated knob handle of black bakelite. Plated brass contacts provide positive low-resistance connection.

Imported **SPDT KNIFE SWITCH**
Overall size $1\frac{1}{2} \times 2\frac{1}{2}$ ". Shpg. wt., 6 oz.
SW-23 Net .12 ea. — 10 for .99

Imported **DPDT KNIFE SWITCH**
Overall size $1\frac{1}{2} \times 2\frac{1}{2}$ ". Shpg. wt., 4 oz.
SW-24 Net .19 ea. — 10 for 1.75

HART AND HEGEMAN MOMENTARY PUSH BUTTON SWITCHES

Metal base push switches with laminated phenolic sections, slotted sleeve $\frac{1}{2}$ diam. by $\frac{3}{8}$ long except † are $\frac{3}{4}$ ". All have solder lug terminal, and plain tops except * which have snap on buttons (specify red or black). Rated 1A-125V AC. Shpg wt., 3 oz., buttons 1 oz.

Stock No.	Mfr. No.	Circuit	Ea.		Lots 10 Lots 100	
			Ea.	10	Ea.	10
NORMALLY CLOSED						
SW-33	3392E†	2 Circ.	.73	.61	.50	.41
SW-34	3392A*†	2 Circ.	.90	.75	.62	.51
SW-35	3392	2 Circ.	.73	.61	.50	.41
SW-36	3392AE*	2 Circ.	.90	.75	.62	.51
SW-37	3391	SPST	.57	.47	.38	.31
SW-38	3391G†	SPST	.74	.61	.51	.41
NORMALLY OPEN						
SW-39	3391E	SPST	.74	.61	.51	.41
SW-40	3391GL*	SPST	.74	.61	.51	.41

SW-41 3391-194R—Red snap-on button for all switches .18

SW-42 3391-194B—Black snap-on button for all switches .18

SWITCHCRAFT TINI-SWITCH

Subminiature push-button switch for use in limited space applications. Specially useful in miniaturized-transistor devices, microphones, intercoms or wherever an extra small switch is desired. One-piece plastic shaft available in red or black. Suitable for low level circuits only. NO = normally open. NC = normally closed. Threaded $\frac{1}{8}$ " bushing. $\frac{1}{4}$ " long, requires $\frac{3}{8}$ " behind panel. Shpg. wt., 3 oz.

Stock No.	Mfr. No.	Stock No.	Mfr. No.	Con-tacts	Net Each In Lots Of		
					1-49	50-99	100
SW-438	961	SW-435	951	SPST-NO	.53	.45	.40
SW-439	962	SW-436	952	SPST-NC	.53	.45	.40
SW-440	963	SW-437	953	SPDT	.59	.50	.45

SPST MIDGET SWITCH

Type 8097-K3. Bat handle $\frac{3}{8}$ " from end of threaded stem. 3 Amps at 125V AC, .75 at 250V DC. Screw terminals. Flat sides. Threaded stem dia. $\frac{1}{8}$, stem length $\frac{1}{2}$. Shpg. wt., 2 oz.

Stock No.	Fig.	Net Each		
		1-9	10-99	100-499
SW-466	M	.41	.35	.29

827-228 F3 ON-OFF PLATE

Switch plate with on-off indicated. Designed to fit slot in threaded stem of toggle switch. Secured in position by mounting nut of switch. Shpg. wt., 1 oz.

Stock No.	Fig.	Net Each	
		1-49	50-249
SW-468	0	.04	.03

STANDARD DUTY — 10 to 12 AMPS

Quick make, quick break contact mechanism eliminates pitting caused by high arcing. These long life switches are primarily designed for use on small motors and similar equipment. All in bakelite case with screw terminals. $\frac{1}{2}$ threaded stem x $\frac{1}{2}$ long except * 2" mounting center, † $\frac{1}{2}$ stem length. U.L. approved. All 6 amp at 250V, except ‡ 5 amps. Avg. shpg. wt., 3 oz.

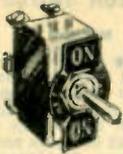
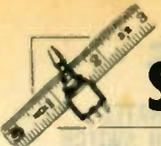
Stock No.	Mfr's. Type	Con-tacts	Fig.	Amps 125V	Net Each		
					1-9	10-99	100-499
SW-497	7320-K2†	DPST	H	12	1.01	.83	.69
SW-465	7320-K3	DPST	H	12	1.01	.83	.69
SW-498	7321-K2†	SPST	H	12	1.01	.83	.69
SW-464	7321-K3	SPST	H	12	1.01	.83	.69
SW-499	7330-K2*	DPST	P	12	1.01	.83	.69
SW-750	8680-K1†‡	DPDT	H	10	3.17	2.62	2.18

HEAVY DUTY — 15 to 20 AMPS

Switches contain heavy parts, larger clearances and higher ratings. Handle large motors and heavier loads. Longer life on lighter loads. All Bakelite bodies, screw terminals and quick make and break contacts. $\frac{1}{2}$ threaded stem $\frac{1}{2}$ long except * $\frac{1}{2}$ stem, ‡ flush mtg. types with 2" centers. U.L. app. All 10 amps at 250V except † 20 amps. Shpg. wt., 3 oz.

Stock No.	Mfr's. Type	Con-tacts	Fig.	Amps 125V	Net Each		
					1-9	10-99	100-499
SW-751	7360-K7‡	DPST	H	15	1.74	1.44	1.20
SW-470	7360-K8	DPST	H	15	1.74	1.44	1.20
SW-469	7361-K5	SPST	H	15	1.74	1.44	1.20
SW-752	7370-K2†	DPST	P	15	1.74	1.44	1.20
SW-753	7402-K3‡	DPST	H	1½ H.P.	2.47	2.04	1.70
SW-754	7402-K4	DPST	H	1½ H.P.	2.47	2.04	1.70
SW-755	7410-K4*	DPST	P	1½ H.P.	2.47	2.04	1.70
SW-756	8690-K2	DPDT	H	15	3.86	3.18	2.65

SWITCHES for INDUSTRY—EXPERIMENTERS—HAMS



**HEAVY DUTY 6 AMP
DPOT CENTER OFF
TOGGLE SWITCH**

AS LOW AS **.45**

6 Amp DPOT Center Off: For P.A., lighting circuits, etc. Rated 6 amps 125 V.A.C. $1\frac{1}{2}$ x $\frac{3}{4}$ x 1" behind panel including screw terminals. Bushing $\frac{3}{8}$ x $\frac{1}{4}$ " bat handle. Shpg. wt., 3 oz. Imported
SW-19 net, ea. .49 In lots of 10, ea. .45



**HEAVY DUTY 6 AMP
DPOT SWITCH**

AS LOW AS **.29**

Heavy Duty 6 Amp DPOT: Rated 250V at 3 Amps or 125V at 6 amps. Switch body $1\frac{1}{2}$ x $\frac{3}{4}$ x $\frac{7}{8}$ " behind panel including terminals. Bushings $\frac{1}{8}$ " Dia., $\frac{1}{8}$ " long. Bat handle $\frac{1}{2}$ " long. Shpg. wt., 3 oz. Imported
SW-22 net, ea. .32 In lots of 10, ea. .29

AUTOMOTIVE TOGGLE SWITCH



AS LOW AS **.95**

• Paddle Handle—Flick Action

Automotive SPST Toggle: Rated 6 Amp 125V or 3 Amps 250 V. Max. Voltage is 1000V AC with .010 ohm contact resistance. Designed for dash board or instrument installation. Measures $1\frac{1}{2}$ " long x $\frac{1}{4}$ " W. mounting shaft $\frac{1}{8}$ " L x $\frac{1}{8}$ " Diam. $1\frac{1}{8}$ " Toggle. Shpg. wt., 3 oz. Imported
SW-84 net, ea. .99 In lots of 10, ea. .95

4 PDT MINIATURE SLIDE SWITCH

- Printed Circuit Type Connectors
- Easy Panel Mounting with $\frac{1}{2}$ " Slide Knob

.59

Shpg. wt., 3 oz.

Miniature 4 PDT Slide Switch: Panel Mount. Printed circuit type connectors. Rated current capacity is 800 milliamperes at 100V AC. Insulation resistance is 100 megohms at 500 V. A.C. Measures $1\frac{1}{8}$ " L x $\frac{1}{8}$ " W x $\frac{1}{16}$ " D. Mounting center $1\frac{1}{8}$ " - slide knob extends $\frac{1}{2}$ ". Imported
SW-91 net, ea. .59 In lots of 10, ea. .55

**ULTRAMINIATURE
SPDT SLIDE SWITCH .29**

Exceptionally shallow design—only $\frac{1}{8}$ " deep for panel mounting. Contact resistance: 50 milliohms or less; insul. res., 20 megohms @ 500V DC., Max. AC current 0.5 amps. Withstands 600V AC. Size: $\frac{3}{8}$ x $\frac{1}{8}$ x $\frac{1}{16}$ ". Size of switch body, mounting ears add $\frac{1}{2}$ " to overall length. Mtg. centers 1".
SW-109 Shpg. wt., 2 oz. Imported Net .29

**4PDT MINIATURE AS LOW AS
SLIDE SWITCH .55**

MINIATURE 4PDT SLIDE SWITCH: Panel mount. Current capacity 500 ma at 100VAC. Contact resistance 500 milliohms at 500 volts. Measures $1\frac{1}{8}$ L x $\frac{1}{8}$ W x $\frac{1}{16}$ D. Mounting center $1\frac{1}{8}$ ". Shpg. wt., 3 oz. Imported
SW-94 Net ea. .59 In lots of 10, ea. .55

**3PDT AC-DC SLIDE SWITCH
.29**

3 PDT AC-DC Slide Switch: Rated at 50¢ micro-amps at 100V. Solder lug terminals. Measures $\frac{3}{4}$ " W x $1\frac{1}{4}$ " L x $\frac{1}{8}$ " D. Overall including $\frac{1}{4}$ " trigger. Mounting centers 1 1/6". Shpg. wt., 3 oz. Imported
SW-82 net, ea. .29 In lots of 10, net, ea. .25

**HEAVY DUTY 10 AMP
DPOT MOTOR SWITCH**

- MOLDED PHENOLIC CASE
- METAL FACE PLATE

.79



Heavy Duty 10 Amp DPOT: Rated 10 amps at 125 V.A.C. will easily take current surge of motor starting. Freeflow solder type terminals. $1\frac{1}{4}$ x $\frac{7}{8}$ x 1". Bushing $\frac{3}{8}$ x $\frac{1}{8}$ " D. $\frac{3}{4}$ " bat handle. Shpg. wt., 3 oz. SW-26 net, ea. .79 In lots of 10, ea. .75

**HEAVY DUTY 10 AMP
SPDT CENTER OFF
TOGGLE SWITCH Imported .39**



Heavy Duty 10 Amp SPST center off: Rated 10 amps at 125V. Silvered lugs for low loss connections. Body size $1\frac{1}{4}$ " x $\frac{3}{4}$ x $\frac{3}{8}$ " depth behind panel. Bushings $\frac{3}{8}$ " Dia., $\frac{1}{8}$ " long. Bat handle $\frac{1}{2}$ " long.
SW-27 net, ea. .39 In lots of 10, ea. .35

**6 POLE D.T. MINIATURE
SLIDE SWITCH .69**

Tiny slide switch. Panel mount. Mounting centers $\frac{7}{8}$ ". Current capacity, 500MA @ 100V AC. Contact resistance, 10 megohms or less. Solder lug terminals. Size: $1\frac{1}{4}$ x $\frac{1}{2}$ ". Imported
SW-110 Shpg. wt., 2 oz. Net .69

**MINIATURE DPOT
SLIDE SWITCH .39**

Perfect for ultra-small switch applications. Rated current capacity, 3 amps at 125 volts. Can withstand up to 1000V A.C. Solder lug terminals. Measures: $\frac{1}{4}$ L x $\frac{1}{4}$ W x $\frac{3}{8}$ " D. Mounting centers: $\frac{1}{4}$ ". Imported
SW-104 Shpg. wt., 1 oz. Net .39

**RUGGED TELEPHONE
TYPE 4PDT LEVER SWITCH
CHROME PLATED CAM .69**

Telephone Type 4 PDT. Lever switch: 3 position lever action switch of non induction construction. Has 4 sets of SPDT contacts - Has 3 locking positions - Heavy insulated rollers. Panel mount, $\frac{1}{2}$ " mounting centers. Size $2\frac{1}{2}$ " long behind panel, $\frac{3}{8}$ " wide $1\frac{1}{2}$ " high. Shpg. wt., 3 oz. Imported
SW-20 net, ea. .69 In lots of 10, ea. .65

**4 PDT MINIATURE DUAL
SLIDE SWITCH**

- For Panel Mounting
- Two Switches

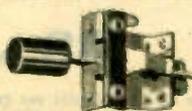
.69 ea.

Miniature 4 PDT Dual Slide Switch: Panel mount. Rated at 500 milliamperes for 125V AC. Two slide switches in a single unit. Provides four circuits with each section switching two circuits. Positive action. Measures $1\frac{1}{4}$ " x $1\frac{1}{8}$ " x $\frac{1}{8}$ ". $1\frac{1}{8}$ " mounting centers. Shpg. wt., 3 oz.
SW-90 net, ea. .69 In lots of 10, ea. .63 In lots of 100, ea. .59

6 PDT SLIDE SWITCH

.79

6PDT SLIDE SWITCH: Panel mount. Current capacity 500 ma at 125 VAC. Contact resistance 500 milliohms. DC insulation resistance 20 megohms. Measures $1\frac{1}{8}$ L x $\frac{1}{8}$ W x $\frac{1}{16}$ D. Mounting center $1\frac{1}{8}$ ". Shpg. wt., 3 oz. Imported
SW-99 Net ea. .79 In lots of 10, ea. .75

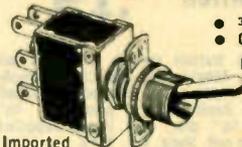


**PUSH BUTTON
LOCKING SWITCH**

AS LOW AS **.49**

Push button SPST Locking Switch: Positive action. Normally open push on, push off. Rated 10 amps at 115V. Overall size $2\frac{1}{2}$ L x $1\frac{1}{2}$ W x $\frac{1}{4}$ " D. Shaft & Knob extended $1\frac{1}{4}$ ". Shpg. wt., 3 oz. Imported
SW-77 net, ea. .59 In lots of 10, ea. .49

DPDT LONG BUSHING SWITCH

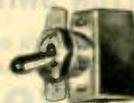


- $\frac{3}{4}$ " Long Bushing
- Designed for Wood Panel Mounting.

.79

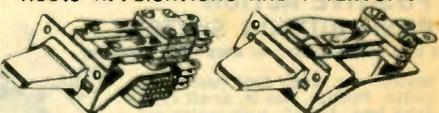
Imported
 $\frac{3}{4}$ " long shaft DPDT. Rated 6 amps at 125V. A.C. Designed for easy wood panel mounting. Measures $1\frac{1}{2}$ L x $\frac{1}{2}$ W x $1\frac{1}{8}$ " behind panel. Bushing is $\frac{3}{4}$ L x $\frac{1}{4}$ " diam. Bat handle, $1\frac{1}{2}$ " long. Shpg. wt., 3 oz.
SW-86 Net ea. .79 In lots of 10, net ea. .75

**SINGLE POLE
SINGLE THROW
TOGGLE SWITCH**



• Standard Replacement **.22**
SPST Bat Handle: Rated 3 amps — 125V. Body size $1\frac{1}{4}$ x $\frac{3}{4}$ x $\frac{1}{2}$ " behind panel. Bushing $\frac{1}{4}$ " diam. $\frac{1}{8}$ " long. Bat handle $\frac{1}{2}$ " long. Shpg. wt., 3 oz. Imported
SW-21 Net ea. .22 In lots of 10, ea. .19

**RUGGED LEVER SWITCHES FOR
AUDIO APPLICATIONS AND INTERCOMS**



4 PDT Audio Lever Switch: Has 4 sets of single pole, double throw contacts. Switch has three position with positive & spring return. Panel mounting, mtg. centers 1" apart. Size $2\frac{1}{4}$ " long behind panel. $1\frac{1}{8}$ " W 1" H Shpg. wt., 3 oz. Imported
SW-68 net, ea. .85
SPST lever action switch: Similar to SW-68 above. Has 2 positions with spring return. Size $1\frac{1}{4}$ " long behind panel $\frac{3}{4}$ " high. Shpg. wt., 3 oz. Imported
SW-69 net, ea. .29

**PUSH BUTTON
INTERPHONE SWITCH .89**



6-pole double throw, non-shorting PB locking switch. Use as audio selector, intercom band change switch, etc. Contact resistance 10 milliohms or less; insulation res. 200 meg ohms at 500V DC. Current capacity 500MA @ 100V AC. Size: $1\frac{1}{2}$ x $1\frac{1}{4}$ x $\frac{1}{2}$ ".
SW-108 Shpg. wt., 2 oz. Imported Net .89

SLIDE SWITCHES AT LOW PRICES!

Compact slide switches in cadmium steel housings. All rated 125 v. AC. $1\frac{1}{2}$ " mtg. ctrs. Shpg. wt., 3 oz.

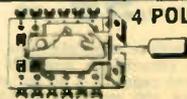
No.	Circuit	Ea.	Lots 10 Ea.
SW-14	SPST	.09	.08
SW-15	SPDT	.10	.09
SW-16	DPST	.20	.18
SW-17	DPDT	.22	.20

**4 POSITION SLIDE
SWITCH**

.29

Shpg. wt., 3 oz.

4 Position Slide Switch: Compact 4 position 2 pole slide switch. Positive snap action. Silvered contacts. Measures $1\frac{1}{8}$ x $\frac{7}{8}$ x $\frac{1}{2}$ " overall. Mtg. centers $1\frac{1}{8}$ ". Mtg. holes tapped for 4/40 screw. Imported
SW-74 net, ea. .29 In lots of 10, net, ea. .25

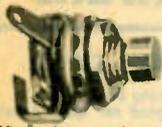


**4 POLE D.T. PUSH BUTTON
LOCKING SWITCH**

.79

Spring loaded for positive action. Rated 0.5 Amp at 100V. Solder terminals. Overall size $2\frac{1}{4}$ " D x $1\frac{1}{4}$ " W overall including $1\frac{1}{8}$ " shaft and knob. Shpg. wt., 3 oz. Imported
SW-85 net, ea. .79 In lots of 10, ea. .75

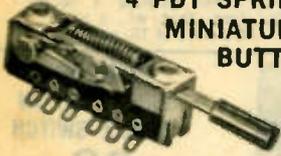
SWITCHES for INDUSTRY-EXPERIMENTER-HAMS



MINIATURE PUSH BUTTON SWITCH .19

Momentary contact push button switch ideal for all miniaturized applications. Single pole two circuit push-to-make type. Beryllium copper leaf contacts. Overall diameter $\frac{1}{2}$ " overall depth $\frac{1}{4}$ " protrudes $\frac{3}{8}$ " behind panel. Bushing $\frac{1}{4}$ " dia. $\frac{3}{8}$ " long. Supplied with washer and mounting nut. Shpg. wt., 3 oz. MS-449 Miniature Push Button Switch 19

4 PDT SPRING RETURN MINIATURE PUSH BUTTON SWITCH



IDEAL FOR HAM OR CITIZENS BAND USE

.79 ea.

Miniature 4 PDT Spring return: Push button switch. Rated at 800 milliamperes for 100 V. A.C. Ideal for transistor application. Heavy duty spring. Two circuit operation. Measures $1\frac{3}{8}$ " x $\frac{3}{8}$ " x $\frac{1}{2}$ " plus $\frac{1}{2}$ " plunger. Imported

SW-92 net, ea. .79 Lots of 10, ea. .75 Lots of 100, ea. .69

POSITIVE ACTION PUSH BUTTON SWITCH

1 Inch Long Actuator for Deep Panel Mounting



Unique, cam action SPST push button switch. Positive, lock-in, on-off cycle. Extra long, full 1", push button permits use in panels up to $\frac{3}{4}$ " thick. Rated 1A at 125V. A.C. Contact resistance - 20 milli at 1 A amp. D.C. Insulation resistance 100 megohms at 500V.D.C. Mounting centers, $1\frac{1}{4}$ ". Overall behind panel depth, 1". Width $\frac{3}{4}$ ". Shpg. wt., 2 oz. Imported

SW-97 Net ea., .39 Lots of 10, ea., .35

ROTARY SWITCHES

4 POLE-3 POSITION



.39

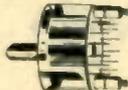
Four pole rotary selector switch, 3 positions per pole. Useful in hi-fi preamps and stereo applications. Spring loaded, positive detent action. Shorting type. Overall diameter $1\frac{1}{4}$ ". Depth behind panel, including lugs, $\frac{3}{8}$ ". Bushing $\frac{3}{8}$ " x $\frac{3}{8}$ ". $\frac{1}{4}$ " knurled shaft. $1\frac{1}{4}$ " long. Shpg. wt., 3 ozs. Imported

SW-30 Net ea., .39 Lots of 10, ea., .35

NEW! MINIATURE 4PDT ROTARY SWITCH

• $\frac{3}{4}$ " Long x $\frac{5}{8}$ " Diam.

.49 ea.



Ideal for transistor application. Precision 1 Gang, 4 Pole, 2 Position rotary switch. Contact resistance is less than 0.01 ohm. Current capacity is 1 ampere at 6V DC. Insulation between any two terminals or between any terminal and shell is not less than 100 megohms at 100V DC. Measures only overall $\frac{3}{8}$ " diam by $\frac{3}{4}$ " long including $\frac{3}{8}$ " shaft. Shpg. wt., 3 oz.

SW-80 Net ea. .49 Lots of 10 Net ea. .45

3 GANG 9 POLE 3 POSITION MINIATURE ROTARY SWITCH

.99 ea.



Designed for subminiature applications in transistor circuits. Total of 12 circuits are provided each gang or section. Rated current capacity is 50 ma at 100 V. A.C. Insulation resistance 100 megohms at 500 V. D.C. Contact resistance without load is 10 millionohms at 6 V. D.C. Non shorting type switch. Mtg. depth $1\frac{1}{2}$ " Diam $\frac{5}{8}$ ", $\frac{3}{8}$ " knurled shaft.

SW-88 net .99 Lots of 10, ea., .89

SUB MINIATURE PUSH BUTTON SWITCH

.18 ea. in lots of 10 • INDUSTRIAL SPECIAL

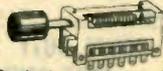


Momentary contact push button switch. SPST, non-snap action. Rated 115 V.A.C. at 100 ma. Overall dimensions $\frac{3}{8}$ " x $\frac{3}{4}$ " L. Bushing $\frac{1}{4}$ " long. Shpg. wt. 1 cz. Imported

SW-70 Net, ea. 20; in Lots of 10, ea. 18

MINIATURE PUSH BUTTON SWITCH .89

6 Pole D.I. Miniature Push Button Switch for use in transceivers, ham and CB equipment. Contact resistance 10 milli-ohm or less. Insulation resistance 200 meg ohm at 500 VDC. Current capacity 500 milliamperes @ 100 VAC. Size $1\frac{1}{2}$ " x $\frac{5}{8}$ ". Shpg. wt., 2 oz. SW-107 Net .89



MINIATURE 4PDT LOCKING TYPE PUSH-BUTTON SWITCH

.89

Rated 800 milliamperes at 100 V. A.C. Insulation resistance is 100 megohms at 500 V. A.C. For all transistorized application. Heavy duty spring. Two circuit operation. Size $\frac{3}{8}$ " x $1\frac{1}{4}$ " plus $\frac{3}{4}$ " plunger. Imported

SW-89 net, ea. .89 Lots of 10, ea. .79 In Lots of 100, ea. .69

SPST "SEE SAW" SWITCH

• Rocker Arm actuated Flush Mounting

.39

"Touch" action rocker arm type, equipment switch. Mounts flush in panel up to $\frac{1}{4}$ " thick. Requires rectangular mounting hole $\frac{3}{8}$ " wide by $1\frac{1}{2}$ " long. Mtg centers $1\frac{3}{8}$ ". Mtg. holes tapped for 4-36 machine screws. Overall behind panel dimensions $\frac{5}{8}$ " x $\frac{3}{8}$ " x $1\frac{1}{4}$ ". Rated 3 amps at 125 V. A.C. Shpg. wt., 2 ozs. SW-93 Imported Net, ea., .39 Lots of 10, ea., .35



SUBMINIATURE ROTARY SWITCH

• $\frac{9}{16}$ " Diam. x $1\frac{1}{2}$ " long.

.59

High quality 1 gang, 2 pole, 5 position shorting rotary switch. Ideal for construction of transistorized equipment. Current capacity 1 amp per pole at 10V DC or 1 at 220V AC. High insulation of 100 meg at 500V DC between terminals. Moisture resistant. Dia. $\frac{9}{16}$ " x $1\frac{1}{2}$ " long overall. $\frac{3}{8}$ " L bushing. $\frac{1}{2}$ " L x $\frac{1}{4}$ " D Knurled shaft. Shpg. wt., 3 oz Imported

SW-78 Net ea. .59 Lots of 10, ea., .53 Lots of 100, ea., .43

EXPERIMENTERS SPECIAL SWITCH

.69

• 2 gang—3 position—6 pole! • Stereo Circuit! New 2 gang (shielded), 3 position, 6 pole (3 stereo) rotary switch. Unlimited audio-stereo-experimenter applications. Exceptionally rugged construction. Silvered contacts. Positive action. Shaft is $1\frac{1}{4}$ " D x $\frac{3}{8}$ " L Shield between gangs. Shpg. wt., 2 ozs. Imported

SW-72 Net .69

2 GANG 9 POLE 3 POSITION MINIATURE ROTARY SWITCH

.89 ea.

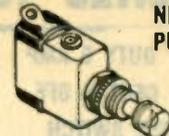


Non-shorting type with 12 circuits per gang or section. Rated current capacity is 50 ma at 100 V. A.C. Insulation resistance 100 megohms at 500 V. D.C. Contact resistance without load is 10 millionohms at 6 V. D.C. Perfect for transistor applications. Mounting depth 1" Diam. $\frac{5}{8}$ ". $\frac{3}{8}$ " knurled shaft. Imported

SW-87 net, ea. .89 Lots of 10, ea. .79 Lots of 100, ea. .69

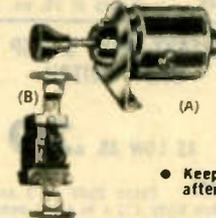
NEW ILLUMINATED PUSH-BUTTON SWITCH

1.75



A compact illuminated switch which will indicate mode of operation at a glance. Button takes no more space than conventional switches. Lamp is built into push handle. SPST Type. Current capacity, 10 Amps @ 125VAC, 6A @ 250VAC. Insulation resistance, 100 meg ohms or more at 500 VDC. Solder terminals. Single-hole mtg. Mount in $\frac{1}{4}$ " hole, $1\frac{1}{2}$ " behind panel. Imported

SW-118 Net 1.75



DELAY ACTION SWITCHES FOR HOME AND CAR FOR YOUR SAFETY

• Keeps light on for 60 seconds after turning off switch

For the car. Keeps car lights on for 60 seconds while you walk to house then turns them off automatically. Easy to install in any 6 or 12 volt car. $3\frac{1}{4}$ " x $1\frac{1}{4}$ " diam. SW-25 (Fig. A) Shpg. wt., 6 ozs. Net 2.19

For the home. Install in regular wall outlet. Keeps out side lights on for seconds while you go to car. Rated 10 amps 125 V. SW-79 (Fig. B) Shpg. wt., 5 ozs. Net 2.19

DPDT "SEE SAW" SWITCH

• Rocker Arm Actuated • Flush Mounting

Flip action, rocker arm type equipment switch. Mounts flush in panel up to $\frac{3}{8}$ " thick. Requires rectangular mounting hole $\frac{1}{2}$ " x $1\frac{1}{8}$ " long. Mtg. centers $1\frac{3}{8}$ ". Mtg. holes tapped for 4-36 machine screws. Rated 4 amps at 125 V.A.C. Insulation resistance 100 meg ohms or more @ 500 V.A.C. Shpg. wt., 2 ozs. Imported

SW-111 Net ea., .69; Lots of 10 ea., .62

EXPERIMENTERS' SWITCH MULTI-GANG

• 4 Gangs—12 poles
• 3 Positions per Pole
• 1 Gang Shielded Against Stray Field Pickup



Special 4-deck rotary switch for the experimenter. Exceptionally rugged construction—decks easily removed to vary circuit. 4 sections, each with 3 poles, 3 positions per pole. Positive spring-loaded indexing. Silvered contact. SPECS: Current capacity — 5 amps at 125 VAC. Contact Resistance — 15 milli at 1 amp DC; Insulation resistance — 100 megohms at 500 V. DC; $1\frac{1}{2}$ " x $\frac{3}{4}$ " flatted shaft. $\frac{3}{8}$ " x $\frac{3}{8}$ " bushing. $1\frac{1}{2}$ " overall length behind panel. Shpg. wt., 3 ozs. Imported

SW-96 Net ea., 1.29 Lots of 10, ea., 1.19

SUBMINIATURE WAFER SWITCH

• Hearing Aid Type
• Only $\frac{3}{4}$ " x $\frac{3}{8}$ " x $\frac{3}{16}$ " Overall



Lever operated, single pole, three position wafer. Mtg. centers $\frac{1}{2}$ ". Contact arrangement shorts 2 circuits in each position. All contacts silvered, lever arm has finger grip. Perfect switch for subminiature work. With mtg. hardware. Shpg. wt., 2 oz. Imported

SW-98 Net ea., .29 Lots of 10, ea., .24

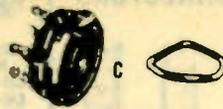
SINGLE POLE 4 POSITION WAFER SWITCH

• Only $\frac{3}{8}$ " x $\frac{1}{4}$ " x $1\frac{1}{4}$ " overall



Exceptionally flat, single pole 4 position wafer switch. SPECS: Current Capacity — .5A, 125 VAC; Contact resistance - 20 milli at 1 amp DC. Insulation resistance 100 megohms at 500 V. D.C. Non-shorting, silvered contacts. Spring loaded, detent indexing. Mtg. centers. $1\frac{1}{4}$ ". Tapped shaft for bar type knob. Requires $\frac{3}{8}$ " x $\frac{1}{4}$ " x $1\frac{1}{4}$ " overall area for mounting. Includes mount hardware and knob. Shpg. wt., 2 ozs. SW-95 Imported Net ea., .32 Lots of 10, ea., .29

PLUGS, SOCKETS, CONNECTORS



(A) AMPHENOL "MIP" SOCKETS

Molded high dielectric black bakelite, with molded-in plate for 1/2" mounting centers. T types are mica-filled. 1 1/2" mounting hole except * 1 1/4" mtg. hole, 1 3/4" Mtg. ctrs. † 1 1/2" mtg. hole. Avg. shgp. wt., 5 oz.

Stock No.	Mfg. No.	Prongs	1-49 Each	50-249 Each	250-499 Each
CM-70	77-MIP-4	4	.14	.12	.098
CM-71	77-MIP-5	5	.15	.13	.108
CM-72	77-MIP-6	6	.18	.15	.125
CM-76	77-MIP-7L	7 Large	.19	.16	.136
CM-77	77-MIP-7S	7 Small	.19	.16	.136
CM-73	77-MIP-8	Octal	.16	.13	.111
CM-231	77-MIP-8T	Octal	.19	.16	.133
CM-161	88-8*	Octal	.17	.14	.118
CM-162	88-8X*	Locktall	.22	.18	.154
CM-74	77-MIP-9	9	.18	.15	.127
CM-75	77-MIP-11	11	.21	.18	.15
CM-232	77-MIP-12	12	.21	.18	.15
CM-233	77-MIP-20	20	.54	.45	.38

(B) AMPHENOL "RSS" SOCKETS

High grade, very low loss steatite, excellent for high frequency transmitter circuits, etc. All are universal type. Have removable mounting plate. Slotted holes 1 1/2 to 1 3/4" mtg. hole 1 1/4" except 49RSS7L which requires 1 3/4". Av. Shgp. wt., 5 oz.

Stock No.	Mfg. No.	Prongs	1-49 Each	50-249 Each	250-499 Each
CM-263	49-RSS4	4	.62	.51	.43
CM-264	49-RSS5	5	.84	.53	.45
CM-265	49-RSS6	6	.62	.51	.43
CM-266	49-RSS7L	7 Large	.68	.56	.48
CM-267	49-RSS7S	7 Small	.70	.58	.49
CM-268	49-RSS8	8 Octal	.62	.51	.43

(C) AMPHENOL "S" SOCKETS

For new work. Single hole mounting. 1 1/4" dia. Firmly held by tempered steel retainer ring. 9 and 11 prong sockets for Amphphenol connectors. Molded high dielectric bakelite. † mounts in standard 1 1/4" socket hole. Has miniature socket in center. Avg. shgp. wt., 5 oz.

Stock No.	Mfg. No.	Prong	1-49 Each	50-249 Each	250-499 Each
CM-100	78-S4	4	.13	.11	.091
CM-101	78-S5	5	.14	.12	.098
CM-102	78-S6	6	.16	.13	.111
CM-104	78-S7S	7 Small	.17	.137	.116
CM-105	78-S8	Octal	.15	.13	.108
CM-106	78-S8L	Locktall	.22	.18	.155
CM-107	78-S9	9	.18	.15	.125
CM-108	78-S11	11	.20	.17	.141
CM-79	78-A7P†	7	.34	.28	.24
CM-80	78-A9P†	9	.34	.28	.24

(B) AMPHENOL "RS" SOCKETS

Removable steel adapter plate with retainer ring allows replacement of most socket types. For mounting ctrs. from 1 1/4" to 1 3/4". Molded high dielectric bakelite. Mounts in 1 1/4" hole. Avg. shgp. wt., 5 oz.

Stock No.	Mfg. No.	Prongs	1-49 Each	50-249 Each	250-499 Each
CM-91	78-RS4	4	.18	.15	.127
CM-92	78-RS5	5	.20	.16	.139
CM-93	78-RS6	6	.21	.17	.144
CM-95	78-RS7S	7 Small	.22	.18	.153
CM-96	78-RS8	Octal	.20	.16	.139
CM-97	78-RS8L	Locktall	.27	.22	.189
CM-98	78-RS9	9	.23	.19	.158
CM-99	78-RS11	11	.25	.21	.175

AMPHENOL MINIATURE 7 & 9 PIN SOCKETS

Amphenol sockets for TV, FM, auto radios, etc. 147-series mounts on 3/8" chassis hole with 7/8" mtg. ctrs., 1/4" screw holes. 59-series mounts in 3/4" hole with 1 1/4" mtg. ctrs., .095" rivet holes.

* Steatite. † Black Bakelite. ‡ Mica-filled bakelite. Avg., 5 oz.

BOTTOM MOUNTING TYPE - FIG. (A)

Stock No.	Mfg. No.	No. of Contacts	1-49 Each	50-249 Each	250-499 Each
CM-227	147-500‡	7	.21	.18	.15
CM-229	147-505‡	7	.22	.18	.151
CM-57	56-409†	9	.27	.22	.186
CM-58	59-410†	9	.26	.21	.181

TOP MOUNTING TYPE - FIG. (B)

Socket with tube shield base to fit shields listed below.

CM No.	Mfg. No.	Prongs	1-49 Each	50-249 Each	250-499 Each
CM-230	147-905‡	7	.28	.23	.196
CM-235	147-913‡	7	.28	.23	.199
CM-236	59-403†	9	.39	.33	.28
CM-56	59-407†	9	.36	.30	.25
CM-55	59-406†	9	.32	.27	.23

TUBE SHIELDS - FIG. (C)

For 7-Contact Bases.					
CM-10	5-401	1 3/4"	.16	.13	.109
CM-11	5-402	1 3/4"	.15	.13	.108
For 9-Contact Bases.					
CM-12	5-405	1 1/2"	.14	.11	.097
CM-13	5-408	1 3/4"	.19	.16	.134
CM-14	5-409	2 3/4"	.23	.19	.164

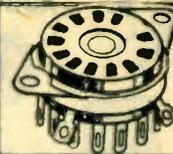
UNIVERSAL TRANSISTOR SOCKET



Latest transistor socket takes transistors with 3 contacts in line, 3 contacts in triangle, 4 contacts in diamond shape (Tetrode). Made of mica filled phenolic. Contacts are beryllium copper, gold flashed over silver plate. Complete with mounting ring.

MS-395 Shgp. wt., 5 oz. Net ea. .25
Net ea. in lots of 10 .22

COMPACTRON SOCKET



Mica filled 12 pin tube saddle type socket with four ground lugs. Shgp. wt., 1 1/2 oz. MS-915 .18

NUVISTOR TUBE SOCKET



Subminiature for 5 contact nuvistor tubes. Low-loss phenolic with cadmium plated steel saddle, and cadmium plated copper alloy contacts. Shgp. wt., 1 oz. CN-190 Net ea. .14

AMPHENOL MINIATURE SHIELDED CONNECTORS



Molded bakelite cad. plated brass shells, for cables up to 1/4" diam. PCG series take 7/8" hole. Shgp. wt., 2 oz.

Stock No.	Mfg. No.	Cont.	D x L	Male - Fig. A		
				1-24 Ea.	25-99 Ea.	100-249 Ea.
CM-171	91-MPM3L	3	1 1/4" x 1 3/8"	.35	.29	.24
CM-172	91-MPM3S	3	1 1/4" x 1 3/8"	.35	.27	.23
CM-173	91-MPM4L	4	1 1/4" x 1 3/8"	.35	.29	.25
CM-174	91-MPM4S	4	1 1/4" x 1 3/8"	.34	.28	.24
CM-175	91-MPM5L	5	1 1/4" x 1 3/8"	.39	.32	.27
CM-176	91-MPM6L	6	1 1/4" x 1 3/8"	.42	.35	.29
				Female - Fig. B		
CM-168	91-MPF3L	3	1 1/4" x 1 3/8"	.38	.31	.27
CM-169	91-MPF3S	3	1 1/4" x 1 3/8"	.36	.30	.25
CM-237	91-MPF4L	4	1 1/4" x 1 3/8"	.42	.35	.29
CM-170	91-MPF4S	4	1 1/4" x 1 3/8"	.35	.29	.25

Chassis Connectors for Above Fig. C.

Stock No.	Mfg. No.	Cont.	Ctrs.	1-49 Ea.	249 Ea.	499 Ea.
CM-87	78-PCG-3	3	1 1/4"	.20	.17	.143
CM-88	78-PCG-4	4	1 1/4"	.24	.20	.169
CM-89	78-PCG-5	5	1 1/4"	.24	.20	.171
CM-90	78-PCG-6	6	1 1/4"	.29	.24	.20

PRINTED CIRCUIT SOCKETS



TRANSISTOR SOCKET (A). 5 contact. For use 3 contact in line types. CK-722, 2N107, etc. 1 1/2 x 1 1/4 x 1/2". MS-149 Net .29

MINIATURE TUBE SOCKET (B). General purpose phenolic socket. Rapid mount. Snap action contacts. MS-150 7 pin Net .11
MS-151 9 pin Net .15

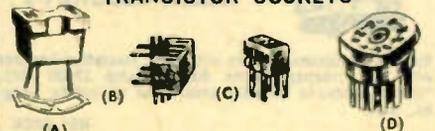
WAFER SOCKET (C). For rapid assembly. Contacts snap into individual holes. MS-396 7 pin Net .08
MS-397 9 pin Net .10
MS-398 octal Net .18

MOLDED TYPE (D). Mounting tam for individual hole insertion. Tube inserts from either end of socket. MS-399 7 pin Net .13
MS-400 9 pin Net .17
MS-401 octal Net .21

SHIELDED TYPE (E). Water socket with collapsible metal tube shield. MS-402 7 pin Net .26
MS-403 9 pin Net .29

TOP MOUNTING TYPE (F). Molded—with tabs for top board mounting. MS-404 7 pin Net .10
MS-405 9 pin Net .12
MS-406 octal Net .14

SUBMINIATURE AND TRANSISTOR SOCKETS



Molded from mica-filled low loss bakelite. Silver plated beryllium copper contacts. *For printed circuits. Size is overall. Avg. shgp. wt., 4 oz.

Stock No.	Fig.	Cont.	Size	1-9 Each	10-49 Each	50-99 Each
MS-275	A	3	1 1/2" x 1 1/4" x 1/2"	.18	.15	.10
MS-253	A	5	1 1/2" x 1 1/4" x 1/2"	.19	.17	.15
MS-252	C	5	1 1/4" x 1 1/4" x 1/2"	.28	.25	.22
MS-149*	B	5	1 1/4" x 1 1/4" x 1/2"	.15	.13	.11
MS-254	A	6	1 1/2" x 1 1/4" x 1/2"	.29	.26	.15
MS-255	A	7	1 1/2" x 1 1/4" x 1/2"	.24	.20	.18
MS-256	D	8	1 1/2" x 1 1/4" x 1/2"	.38	.33	.29

MINIATURE PLUGS & SOCKETS

Usable with 91-MPM, 91-MPF and 78-PCG miniature connectors. Supplied with push-on retainer rings. Need 3/8" hole. Av. T type is MICA filled. shgp. wt., 4 oz.

Stock No.	Socket Type No.	Cont.	1-49 Each	50-249 Each	250-999 Each
CM-109	78-S3S	3	.09	.08	.066
CM-110	78-S4S	4	.12	.10	.085
CM-111	78-S5S	5	.16	.13	.109
CM-112	78-S6S	6	.17	.14	.116
CM-78	78-7P	7	.22	.18	.153
CM-241	78-7PT	7	.22	.18	.155

Stock No.	Plug Type No.	Cont.	1-49 Each	50-249 Each	250-999 Each
CM-59	71-3S	3	.09	.08	.064
CM-60	71-4S	4	.11	.09	.08
CM-61	71-5S	5	.12	.10	.084
CM-62	71-6S	6	.15	.13	.106

CABLE CONNECTORS

Shielded cap and rubber grommet-end opening. Consist of "S" type tube sockets and "CP" plugs with hoods. Avg. shgp. wt., 6 oz.

Stock No.	Female Type No.	Cont.	1-49 Each	50-249 Each	250-999 Each
CM-81	78-PF4	4	.32	.27	.23
CM-82	78-PF5	5	.33	.27	.23
CM-83	78-PF6	6	.35	.29	.24
CM-84	78-PF7S	7S	.35	.29	.25
CM-85	78-PF8	8	.34	.28	.24
CM-238	78-PF9	9	.37	.30	.26
CM-86	78-PF11	11	.39	.32	.27

Stock No.	Male Type No.	Cont.	1-49 Each	50-249 Each	250-999 Each
CM-154	86-PM4	4	.36	.30	.25
CM-155	86-PM5	5	.37	.30	.26
CM-156	86-PM6	6	.38	.31	.27
CM-157	86-PM7S	7S	.39	.32	.27
CM-158	86-PM8	8	.39	.32	.27
CM-159	86-PM9	9	.40	.33	.28
CM-160	86-PM11	11	.42	.35	.29
CM-239	86-PM12	12	.44	.36	.31
CM-240	86-PM20	20	.62	.51	.43

AMPHENOL TYPE 79-CC4 Cable-clamp used with above connectors to relieve strain on soldered connections.

Stock No.	Mfg. No.	1-24 Each	25-99 Each	100-249 Each
CM-113	79-CC4	.10	.09	.077

CANNON XLR SERIES AUDIO CONNECTORS



Streamlined audio and microphone connectors featuring a push-action latch-lock, quick and secure; resilient insulators on socket side to insure quiet operation and eliminate noise due to pulling of cables; rugged construction of zinc, aluminum, brass and steel; internal cable clamp for cables 1/4" to 3/8". Contact no. 1 engages first and may be used as a grounding contact. Contacts are brass, silver plated, rated at 10 amps for 3 contact types, 15 amps for 4 contact types. Satin nickel finish. Average shpg. wt., 5 oz.

PANEL AND WALL RECEPTACLES

Stock No.	Mfrs. No.	Fig.	Cont.	Type	Insert	Mount	NET EACH			
							1-9	10-49	50-99	100-249
CM-280	XLR-3-13	A	3	Female	Socket	Wall	1.85	1.70	1.55	1.39
CM-281	XLR-4-13	A	4	Female	Socket	Wall	1.93	1.77	1.61	1.44
CM-282	XLR-3-13N	B	3	Female	Socket	Panel	2.14	1.96	1.78	1.60
CM-283	XLR-4-13N	B	4	Female	Socket	Panel	2.20	2.02	1.84	1.65
CM-284	XLR-3-14	C	3	Male	Pin	Wall	.83	.76	.70	.63
CM-285	XLR-4-14	C	4	Male	Pin	Wall	.87	.80	.73	.65
CM-286	XLR-3-14N	D	3	Male	Pin	Panel	1.73	1.59	1.45	1.30
CM-287	XLR-4-14N	D	4	Male	Pin	Panel	1.87	1.71	1.56	1.40
CM-288	XLR-3-31	E	3	Female	Socket	Wall	1.93	1.77	1.61	1.45
CM-289	XLR-4-31	E	4	Female	Socket	Wall	1.99	1.82	1.66	1.49
CM-290	XLR-3-32	F	3	Male	Pin	Wall	1.10	1.01	.92	.82
CM-291	XLR-4-32	F	4	Male	Pin	Wall	1.22	1.12	1.02	.91
CM-292	XLR-3-35	G	3	Female	Socket	Wall	4.03	3.70	3.36	3.02

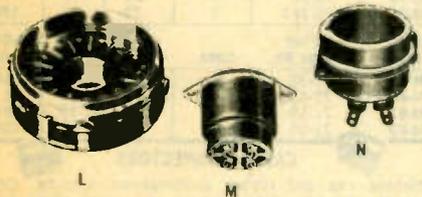
STRAIGHT CORD PLUGS

Stock No.	Mfrs. No.	Fig.	Cont.	Type	Insert	Body	NET EACH			
							1-9	10-49	50-99	100-249
CM-293	XLR-3-11C	J	3	Female	Socket	Zinc	1.29	1.18	1.08	.97
CM-294	XLR-3-11SC	J	3	Female	Socket	Steel	3.49	3.20	2.91	2.61
CM-295	XLR-4-11C	J	4	Female	Socket	Zinc	1.64	1.50	1.37	1.23
CM-296	XLR-4-11SC	J	4	Female	Socket	Steel	3.55	3.26	2.96	2.66
CM-297	XLR-3-12C	K	3	Male	Pin	Zinc	1.13	1.03	.94	.85
CM-298	XLR-3-12SC	K	3	Male	Pin	Steel	2.68	2.55	2.32	2.09
CM-299	XLR-4-12C	K	4	Male	Pin	Zinc	1.20	1.10	1.00	.90
CM-300	XLR-4-12SC	K	4	Male	Pin	Steel	2.87	2.63	2.39	2.15

PLUGS—90 DEGREE

Stock No.	Mfrs. No.	Fig.	Cont.	Type	Insert	Body	NET EACH			
							1-9	10-49	50-99	100-249
CM-301	XLR-3-15	H	3	Female	Socket	Zinc	3.38	3.10	2.82	2.54
CM-302	XLR-4-15	H	4	Female	Socket	Zinc	3.41	3.13	2.85	2.56

AMPHENOL HI VOLTAGE AND T.V. SOCKETS



(L) Type 59-402. Low-loss bakelite duodecal socket for C.R. tubes. 12 prongs spaced on 1.063" dia. ring. Has removable cap. Shpg. wt., 5 oz. Net each .86
Lots of 50, ea. .71; Lots of 250, ea. .60

(M) Type 77A-4T. Mica-filled phenolic 4 contact hi-voltage socket for TV tubes with 1.156" dia. base. Mounts in 1 1/2" dia. hole. Shpg. wt., 4 oz. Net each .60
Lots of 50, ea. .50; Lots of 250, ea. .42

(N) Type 146-101. Melamine. 8 contact octal hi-voltage socket for tubes such as 504G, 6L6G, etc. U.L. shield. CM-305 Net each .88
Lots of 25, ea. .73; Lots of 100, ea. .62

AMPHENOL OCTAL SADDLE SOCKET

Type 168-015. Octal socket with molded-in steel plate and tuning fork contacts. For mounting below chassis. Bakelite body. Mounts in 1" hole. Mtg. holes 3/8" on 1 1/2" centers. CM-306 Net each .15
Lots of 50, ea. .125
Lots of 250, ea. .106

AMPHENOL 83 SERIES RF CONNECTORS



Stock No.	Mfr. No.	Fig.	Military Number	Description	Net Each		
					1-9	10-49	50-99
CM-135	83-1AC	—	—	Cap & Chain	.56	.46	.33
CM-242	83-1AP	A	UG-646/U, M-359, 49192	Adapter, Right-Angle	1.69	1.41	1.01
CM-136	83-1BC	—	—	Cap & Chain	.73	.61	.44
CM-137	83-1F	—	UG-363/U, PL-274, 491049	Adapter, Bulkhead	1.98	1.65	1.18
CM-138	83-1H	B	UG-106/U, M-360, 49193	Hood	.27	.22	.16
CM-139	83-1HP	B	UG-372/U	Hood	.33	.28	.20
CM-140	83-1J	C	PL-258, 49191	Adapter, Straight	1.15	.96	.69
CM-141	83-1R	D	SO-239, 49194	Receptacle	.75	.63	.45
CM-143	83-1SP	F	PL-259, 49190	Plug	.73	.61	.44
CM-142	83-1SPN	F	PL-259A, 49195	Plug (Mica-Filled Bake.)	1.00	.83	.60
CM-144	83-1T	E	M-358, 49199	Adapter, Tee	2.64	2.20	1.58
CM-146	83-2R	—	SO-265, 49196	Receptacle	2.38	1.98	1.42
CM-147	83-21SP	—	UG-358/U	Plug	3.53	2.94	2.11
CM-148	83-22AP	D	UG-104/U, PL-293	Adapter, Right-Angle	2.49	2.07	1.49
CM-149	83-22F	—	PL-275	Adapter, Strt. Bulk.	2.91	2.42	1.74
CM-150	83-22J	C	UG-105/U, PL-285	Adapter, Straight	1.84	1.54	1.10
CM-151	83-22R	—	UG-103/U, SO-264	Receptacle	1.00	.83	.60
CM-152	83-22SP	E	UG-102/U, PL-284	Plug	1.22	1.02	.73
CM-153	83-22T	—	UG-196/U	Adapter, Tee	3.97	3.31	2.38
CM-121	83-58	A	M-359A, 49192A	Adapter, Right-Angle	2.15	1.79	1.29
CM-122	83-168	—	UG-176/U	Adapter, Reducing	.20	.17	.12
CM-123	83-185	—	UG-175/U	Adapter, Reducing	.20	.17	.12
CM-124	83-750	E	UG-111/U	Plug	1.00	.83	.60
CM-125	83-756	E	PL-259A, 49195	Plug (Teflon)	1.42	1.18	.85
CM-126	83-765	B	UG-177/U	Hood	.31	.26	.19
CM-127	83-776	E	UG-203/U, 49482	Plug	1.13	.94	.68
CM-128	83-786	—	—	Hood and Gang Nut	.60	.50	.38
CM-130	83-798	D	SO-239A	Receptacle	1.82	1.52	1.09
CM-131	83-821	—	—	Plug	2.20	1.83	1.32
CM-132	83-822	E	PL-259	Plug (Teflon)	1.27	1.05	.76
CM-133	83-850	F	—	Solderless Plug	1.38	1.15	.82
CM-134	83-851	F	—	Solderless Plug	1.20	.98	.72

ELCO MIL S12883A MINIATURE SOCKETS AND SHIELDS

An outstanding line of 7- and 9-pin miniature tube sockets and shields made in accordance with MIL S12883A and JAN S-28A and JAN S-28A-1 specs. Miniature socket contacts are silver-plated phosphor-bronze; shields are nickel-plated brass with phosphor-bronze springs; shield bases are cadmium plated brass. All are highest quality components. Avg. shpg. wt., 4 oz.

Stock No.	Mfrs. Type	DESCRIPTION	1-9	10-49	50-99	100-249
MS-495	235 PHSPTD	Socket, mica filled, 7-pin shield base	.16	.157	.0994	
MS-496	169 PHSPTD	Socket, mica filled, 9-pin shield base	.18	.177	.1118	
MS-497	335 PHSPTD	Socket, mica filled, saddle octal	.28	.274	.1731	
MS-498	121 PHSPTD	Tube shield, 7-pin, 1 3/8" high	.12	.116	.0767	
MS-499	120 PHSPTD	Tube shield, 7-pin, 1 3/4" high	.13	.122	.0806	
MS-500	149 PHSPTD	Tube shield, 7-pin, 2 1/4" high	.15	.142	.0936	
MS-501	193 PHSPTD	Tube shield, 9-pin, 1 1/2" high	.14	.134	.0884	
MS-502	191 PHSPTD	Tube shield, 9-pin, 1 3/4" high	.15	.14	.0923	
MS-503	195 PHSPTD	Tube shield, 9-pin, 2 3/8" high	.17	.168	.1105	

AMPHENOL FLOATING OCTAL SOCKETS



Type 77-MIP8FK. Socket with live rubber grommets fit into mtg. holes for vibration-free operation. Black phenolic. Mounts above or below chassis in 1 3/4" dia. hole on 1 1/2" centers. With hardware. Shpg. wt., 5 oz. CM-307 Net ea. .32
Lots of 50, ea. .26; Lots of 250, ea. .22

Type 77-3K. Kit for making any "MIP" type socket into floating socket. Consists of grommets, screws, nuts, and washers. CM-308 Net ea. .16
Lots of 50, ea. .132; Lots of 250, ea. .112

AMPHENOL 2 POLE CONNECTORS



U.L. approved. Black phenolic. 61 series rated 110V AC or DC, 160 series 125V. *Mounting plates molded in; # plates mount with retaining ring; mounting plate types require 1 1/2" holes and have 3/8" slotted holes on 1 1/2 to 1 7/8" centers except MIP type needs 1 3/4" hole and has 3/8" holes on 1 1/2" ctrs. † = shielded types with 3/8" cable clamp, ‡ = shielded types with 3/8" I.D. grommet; 160 series have grounding lug for use if required. Below surface types need 1 3/4" hole and have 3/8" holes on 1 3/4" centers. Shpg. wt., 3 oz.

RECEPTACLES (FEMALE) 110V

Stock No.	Mfr. Type	Fig. Type	Description	1-49	249	499
CM-270	61-F1	A Univ.	Mtg. Plate #	.32	.26	.22
CM-271	61-MIP-61F	A Univ.	Mtg. Plate #	.28	.23	.199
CM-272	61-F10	B Univ.	Below Surface	.44	.36	.31

RECEPTACLES (FEMALE) 125V

Stock No.	Mfr. Type	Fig. Type	Description	1-24	99	249
CM-273	160-2	A Grd.	Mtg. Plate #	.72	.59	.50
CM-274	160-4	B Grd.	Below Surface	.82	.68	.57
CM-275	160-8	C Grd.	Shielded†	.88	.73	.62
CM-276	160-6	C Grd.	Shielded‡	.82	.68	.57

PLUGS (MALE) 110V

Stock No.	Mfr. Type	Fig. Type	Description	1-49	249	499
CM-309	61-M1	A Std.	Plate #	.33	.27	.23
CM-310	61-M10	B Std.	Below Surface	.44	.36	.31

PLUGS (MALE) 125V

Stock No.	Mfr. Type	Fig. Type	Description	1-24	99	249
CM-311	160-3	A Grd.	Plate #	1.12	.92	.78
CM-312	160-5	B Grd.	Below Surface	1.22	1.01	.86
CM-313	160-9	C Grd.	Shielded†	1.26	1.04	.88
CM-314	160-7	C Grd.	Shielded‡	1.18	.97	.83

AMPHENOL OCTAL RELAY SOCKETS



Rugged, melamine sockets with high insulation barriers with long creepage paths. Rated 5 amp 1250V RMS. *Has 4 molded-in threaded inserts for tie points. Shpg. wt., 8 oz.

Stock No.	Mfrs. Type	Mounting	1-24	99	100-	250-
CM-226	146-103	Top Mounted	1.44	1.19	1.01	.90
CM-277	146-104*	Top mounted	1.76	1.45	1.23	1.10
CM-278	146-203	Bottom Mounted	1.44	1.19	1.01	.90
CM-279	146-204*	Bottom Mounted	1.76	1.45	1.23	1.10

INDUSTRIAL BUYERS

Write our Industrial Sales Dept. for quotations on larger quantities of Amphenol sockets and connectors.

AMPHENOL MICROPHONE CONNECTORS



SERIES 75. PRESSURE TYPE — SINGLE CONTACT

Polished chrome plated brass fittings with 5/8"-27 thread.

No.	Type	Fig.	Description	1-24	25-99	100-249
CM-63	75-MC1F	A	Female with coupling ring	.46	.38	.32
CM-243	75-MC1M	B	Male. Fits above connector	.42	.35	.29
CM-68	75-PC1M	C	Male, Non-shorting, chassis mount. Fits MC1F	.37	.30	.26
CM-69	75-CL-PC1M	D	As above, except closed circuit	.52	.43	.38
CM-64	75-MC1F-A	E	Angle type, female connector coupling ring. Use with PC1M, etc.	1.28	1.06	.90
CM-66	75-MC1P	F	Adaptor. Connects MC1F to standard phone plug	.50	.41	.35
CM-246	75-1	A	Min. female with coupling ring	.48	.40	.34
CM-247	75-2	B	Min. male fits above connector	.29	.24	.21
CM-248	75-3	C	Min. locknut receptacle	.33	.28	.23

SERIES 80. SINGLE AND DOUBLE CONTACT TYPES

For concentric lines, shielded mike cables, etc. Center contacts are pin and socket type. *Single-contact type. †Double-contact type. Av shpg. wt., 3 oz.

No.	Type	Fig.	Description	1-24	25-99	100-249
CM-115	*80F	G	Female cable jack	.56	.46	.39
CM-114	*80C	H	Female chassis receptacle	.60	.50	.42
CM-116	*80M	I	Male cable plug	.64	.53	.45
CM-117	†80-MC2F	G	Female cable jack	.62	.51	.43
CM-119	†80-PC2F	H	Female chassis receptacle	.60	.50	.42
CM-118	†80-MC2M	I	Male cable plug	.68	.56	.48
CM-249	*80-F1	I	Female cable plug	.66	.54	.46
CM-250	*80-M1	G	Male cable jack	.52	.43	.36
CM-251	*80-C1	H	Male receptacle	.60	.50	.42
CM-252	†80-MC2F1	I	Female cable plug	.70	.58	.49
CM-253	†80-MC2M1	G	Male cable jack	.52	.43	.36
CM-254	†80-PC2M	H	Male receptacle	.60	.50	.42

75-CCC1—Cap and chain, used for 75 and 80 series seals open chassis against dirt and dust.

CM-255 1-24 ea. .44 25-99 ea. .36 100-249 ea. .31

SERIES 91. 3- AND 4- CONTACT TYPES

Polarized microphone connectors for portable equipment. Strain-relieving clamps. *3-contact type. †4-contact type. Shpg. wt., 3 oz.

No.	Type	Fig.	Description	1-24	25-99	100-249
CM-163	*91-MC3F	J	Female cable jack	.84	.69	.59
CM-177	*91-PC3F	K	Female chassis receptacle	.72	.59	.50
CM-165	*91-MC3M	L	Male cable plug	.88	.73	.62
CM-164	†91-MC4F	J	Female cable jack	.90	.74	.63
CM-178	†91-PC4F	K	Female chassis receptacle	.74	.61	.52
CM-166	†91-MC4M	L	Male cable plug	.90	.74	.63
CM-256	*91-MC3F1	J	Female cable plug	.90	.76	.64
CM-257	*91-MC3M1	L	Male cable jack	.80	.66	.56
CM-258	*91-PC3M	K	Male receptacle	.82	.68	.57
CM-259	†91-MC4F1	L	Female cable plug	.98	.81	.69
CM-260	†91-MC4M1	J	Male cable jack	.82	.68	.57
CM-261	†91-PC4M	K	Male receptacle	.82	.68	.57

"QWIK" SERIES 91. 3- AND 4- CONTACT TYPES

New design. Simply pushed together; released by thumb pressure on lock button while pulling outward. Polarized contacts. Nickel plated shells. *3-contact type. †4-contact type. Av. shpg. wt., 3 oz.

No.	Type	Fig.	Description	1-24	25-99	100-249
CM-179	*91-853	M	Male cable plug	1.34	1.11	.94
CM-180	*91-854	N	Female cable plug	1.54	1.27	1.08
CM-181	*91-855	O	Male chassis receptacle	1.00	.83	.70
CM-182	*91-856	P	Female chassis receptacle	2.23	1.84	1.56
CM-183	†91-857	M	Male cable plug	1.42	1.17	.99
CM-184	†91-858	N	Female cable plug	1.96	1.62	1.37
CM-185	†91-859	O	Male chassis receptacle	1.04	.86	.73
CM-186	†91-860	P	Female chassis receptacle	2.29	1.89	1.60

91-CCC3 Cap and chain. Used for the 91 series, seals open chassis units against dirt and dust.

CM-262 1-24 ea. .38 25-99 ea. .32 100-249 ea. .27

CINCH JONES SERIES "300" PLUGS AND SOCKETS



Multiple contacts standard duty 10 amperes. 730 volts rms. Plug contacts 1/2" W x 1/4" thick. Black bakelite body, encased in black. Av. shpg. wt., 3 oz.

AB TYPE CHASSIS PLUG (Fig. A)

Stk. No.	Mfg. No.	Cont.	1-49 Ea.	50-99 Ea.	100-up Ea.
CN-145	P-302-AB	2	.20	.17	.132
CN-147	P-303-AB	3	.25	.21	.164
CN-149	P-304-AB	4	.27	.23	.180
CN-151	P-306-AB	6	.34	.28	.224
CN-153	P-308-AB	8	.40	.33	.264
CN-155	P-310-AB	10	.45	.38	.30
CN-157	P-312-AB	12	.50	.42	.332
CN-215	P-315-AB	15	.66	.55	.44
CN-216	P-318-AB	18	.82	.69	.548
CN-217	P-321-AB	21	1.03	.86	.688
CN-218	P-324-AB	24	1.25	1.04	.832
CN-219	P-327-AB	27	1.47	1.23	.98
CN-220	P-330-AB	30	1.69	1.41	1.124
CN-221	P-333-AB	33	1.90	1.58	1.264

AB CHASSIS TYPE SOCKET (Fig. B)

Stk. No.	Mfg. No.	Cont.	1-49 Ea.	50-99 Ea.	100-up Ea.
CN-171	S-302-AB	2	.22	.18	.144
CN-195	S-303-AB	3	.26	.22	.172
CN-196	S-304-AB	4	.29	.24	.192
CN-197	S-306-AB	6	.36	.30	.24
CN-198	S-308-AB	8	.45	.38	.30
CN-199	S-310-AB	10	.53	.45	.356
CN-200	S-312-AB	12	.62	.52	.412
CN-201	S-315-AB	15	.77	.64	.512
CN-202	S-318-AB	18	.93	.78	.62
CN-203	S-321-AB	21	1.15	.96	.764
CN-204	S-324-AB	24	1.36	1.14	.908
CN-205	S-327-AB	27	1.58	1.32	1.052
CN-206	S-330-AB	30	1.81	1.51	1.204
CN-207	S-333-AB	33	2.02	1.68	1.344

CCT TYPE CABLE CLAMP PLUG (Fig. C)

Stk. No.	Mfg. No.	Cont.	1-49 Ea.	50-99 Ea.	100-up Ea.
CN-146	P-302-CCT	2	.46	.38	.304
CN-148	P-303-CCT	3	.49	.41	.324
CN-150	P-304-CCT	4	.53	.45	.356
CN-152	P-306-CCT	6	.59	.49	.392
CN-154	P-308-CCT	8	.65	.54	.432
CN-156	P-310-CCT	10	.73	.61	.484
CN-158	P-312-CCT	12	.79	.66	.528
CN-222	P-315-CCT	15	1.03	.86	.688
CN-223	P-318-CCT	18	1.25	1.04	.832
CN-224	P-321-CCT	21	1.47	1.23	.981
CN-225	P-324-CCT	24	1.73	1.45	1.156
CN-226	P-327-CCT	27	1.97	1.64	1.312
CN-227	P-330-CCT	30	2.29	1.91	1.528
CN-228	P-333-CCT	33	2.45	2.05	1.636

CCT TYPE CABLE CLAMP SOCKET (Fig. D)

Stk. No.	Mfg. No.	Cont.	1-49 Ea.	50-99 Ea.	100-up Ea.
CN-172	S-302-CCT	2	.46	.39	.308
CN-173	S-303-CCT	3	.50	.42	.332
CN-174	S-304-CCT	4	.54	.45	.362
CN-176	S-306-CCT	6	.62	.52	.412
CN-177	S-308-CCT	8	.72	.60	.48
CN-175	S-310-CCT	10	.88	.67	.536
CN-178	S-312-CCT	12	.92	.77	.616
CN-208	S-315-CCT	15	1.15	.96	.764
CN-209	S-318-CCT	18	1.36	1.14	.908
CN-210	S-321-CCT	21	1.58	1.32	1.052
CN-211	S-324-CCT	24	1.86	1.55	1.24
CN-212	S-327-CCT	27	2.08	1.73	1.384
CN-213	S-330-CCT	30	2.40	2.00	1.60
CN-214	S-333-CCT	33	2.57	2.14	1.712

SERIES "400" PLUGS AND SOCKETS

Multiple Contact Heavy Duty Rated at 15 Amps. At 1100 volts rms. Have polarizing pins! Prongs are 1/4" W x 1/4" thick bakelite bodies. Av. shpg. wt., 5 oz.

AB TYPE ANGLE BRACKET PLUG (Fig. E)

Stk. No.	Mfg. No.	Cont.	1-49 Ea.	50-99 Ea.	100-up Ea.
CN-159	P-402-AB	2	.50	.42	.332
CN-161	P-404-AB	4	.61	.51	.404
CN-163	P-406-AB	6	.73	.61	.488
CN-165	P-408-AB	8	.84	.70	.56
CN-167	P-410-AB	10	.95	.80	.636
CN-169	P-412-AB	12	1.05	.88	.70

AB TYPE ANGLE BRACKET SOCKETS (Fig. F)

Stk. No.	Mfg. No.	Cont.	1-49 Ea.	50-99 Ea.	100-up Ea.
CN-179	S-402-AB	2	.56	.47	.376
CN-181	S-404-AB	4	.73	.61	.488
CN-183	S-406-AB	6	.89	.74	.592
CN-457	S-408-AB	8	1.05	.88	.70
CN-186	S-410-AB	10	1.23	1.03	.82
CN-188	S-412-AB	12	1.39	1.16	.924

CCT TYPE CABLE CLAMP PLUG (Fig. C)

Stk. No.	Mfg. No.	Cont.	1-49 Ea.	50-99 Ea.	100-up Ea.
CN-160	P-402-CCT	2	.78	.65	.52
CN-162	P-404-CCT	4	.95	.80	.636
CN-164	P-406-CCT	6	1.12	.93	.744
CN-166	P-408-CCT	8	1.27	1.06	.848
CN-168	P-410-CCT	10	1.43	1.20	.956
CN-170	P-412-CCT	12	1.60	1.34	1.068

CCT TYPE CABLE CLAMP SOCKET (Fig. D)

Stk. No.	Mfg. No.	Cont.	1-49 Ea.	50-99 Ea.	100-up Ea.
CN-180	S-402-CCT	2	.85	.71	.564
CN-182	S-404-CCT	4	1.06	.88	.704
CN-184	S-406-CCT	6	1.28	1.07	.856
CN-185	S-408-CCT	8	1.51	1.26	1.004
CN-187	S-410-CCT	10	1.73	1.45	1.156
CN-189	S-412-CCT	12	1.95	1.63	1.30

POPULAR MIKE CONNECTORS



MS-467 Female connector Fig. A Net .22
MS-468 Male connector Fig. B Net .21

MIKE ACCESSORIES



329 Switchcraft Microphone Volume Control Adapter. Designed to reduce or increase relative volume at the microphone to workable level. For high impedance circuits using shielded single conductor cable only. Employs standard microphone connectors. Shpg. wt., 8 oz.

MS-860 Net 4.09
Amphenol Mike Switch. Attach between male and female of 75 series connectors. Push-to-talk with lock. Shpg. wt., 6 oz.
CM-67 Amphenol 75-MC1S Net 1.89
"Y" Connector. Has 2 males and 1 female. Shpg. wt., 2 oz.
MS-84 Net .85

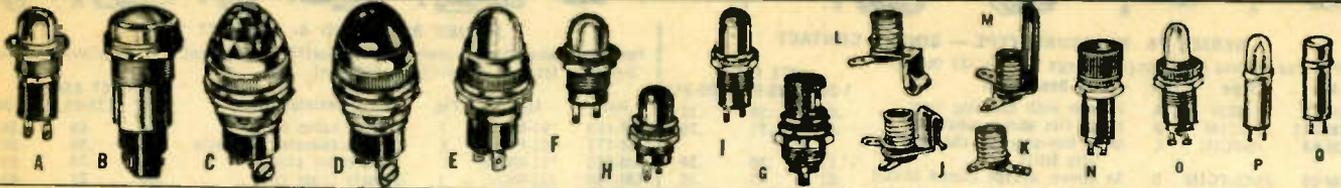
MICROPHONE VOLUME CONTROL



129

No more running to the P.A. amplifier to adjust volume. Now, control volume output right at the microphone. Attached between the microphone and the cable; can be used at any desired distance. Fitted on one end with a female mike connector and male mike connector on the opposite end. Shpg. wt., 12 oz.
MS-755 Remote Volume Control Net 1.29

DIALCO Pilot Light Assemblies & Sockets



NEON INDICATOR LIGHTS

(A) Series 95408 and 95408-H. Series 95408 has 56, 000-ohm 1/2 watt resistor built-in for NE-51 neon lamp on 105-125 volt AC-DC circuit. Series 95408-H has built-in resistor of 18,000 ohms for NE-51H high brightness neon lamp on 110-125V AC circuit. Rugged design. Plastic lens gives 180° light spread. Lens holder and mounting bushing black nickel plated! Meets MIL-L-3661 specs. UL and CSA listed, solder terminals. 2 1/4" L, 1 1/4" OD. Shpg. wt., 3 oz. Less lamp.

Stock No.	Type	Stock No.	Type	Color	Net Ea.
Stock 95408	Type	Stock 95408-H	Type		
PB-142	-931	PB-250	-931	Red	1.19 1.07
PB-143	-933	PB-251	-933	Amber	
PB-144	-935	PB-252	-935	White	
PB-145	-937	PB-253	-937	Clear	

NEON JEWEL CAP ASSEMBLIES

(B) Series 31914. Enclosed assemblies for NE-45 candelabra screw base neon glow lamps, for 110-125 volt circuits. Replaceable from front of panel. Convex lens friction fitted in holder. Binding screw terminals. 2 1/2" long. 1" mtg hole. UL and CSA listed. Shpg. wt., 4 oz. Less lamp.

Stock No.	Mfr's. Type	Jewel Color	Net Each
PB-132	111	Red	1.22 1.10
PB-133	113	Amber	
PB-134	117	Clear	

OIL-TIGHT ASSEMBLIES

Enclosed rugged design with oilproof gaskets impervious to oil, water and dust for heavy duty industrial applications. Rugged binding screw terminals. Caps unscrew from face of panel. One-piece solid brass mounting bushing; solid brass knurled lens holder; chrome finish. Glass lens gives 180° light spread. 1 7/8" long, 1 1/4" OD. Mounts in 1" clearance hole. Av. shpg. wt. 3 oz. Lamp not included. 1" Mounting Hole Types Series 103-3101 for 6S6 screw base lamp. *Frosted-on-back lens.

Stock No.	Mfr's. Type	Stock No.	Mfr's. Type	Color	Net Each
(C) (Faceted) Type	(D) (Dome) Type				
PB-161	1331	PB-155	1211*	Red	2.20 1.98
PB-162	1332	PB-156	1212*	Green	
PB-163	1333	PB-157	1213*	Amber	
PB-164	1334	PB-158	1214*	Blue	
PB-165	1335	PB-154	1235*	White	
PB-166	1336	PB-159	1216*	Yellow	
PB-167	1337	PB-160	1217*	Clear	

SERIES 103-3502 For 6S6 bayonet base lamps. *Frosted-on-back lens.

Stock No.	Mfr's. Type	Stock No.	Mfr's. Type	Color	Net Each
PB-180	1331	PB-173	1211*	Red	2.20 1.98
PB-181	1332	PB-174	1212*	Green	
PB-182	1333	PB-175	1213*	Amber	
PB-183	1334	PB-176	1214*	Blue	
PB-184	1335	PB-179	1235*	White	
PB-185	1336	PB-177	1216*	Yellow	
PB-186	1337	PB-178	1217*	Clear	

(D) Series 103-3114. For Neon Glow Lamps. For NE-45 candelabra screw base lamps. Resistor built-into lamp base. 2 1/2" long, 1 1/4" OD. Fits 1" clearance hole. Lamp not included. Shpg. wt., 3 oz. With Dome type unfrosted lens. *Frosted back.

Stock No.	Mfr's. Type	Color	Net Each
PB-169	1231	Red	2.20 1.98
PB-170	1233	Amber	
PB-171	1236	Yellow	
PB-172	1237	Clear	
PB-168	1217	Clear*	

OIL-TIGHT 1/8" MTG. HOLE TYPES

(E) Series 125-408. Pilot light assemblies with fluted or plain Stovepipe lenses. For NE-51 Neon Glow Lamp. With built-in resistor. Solder terminals. 2 1/4" L x 1 1/4" OD. Mounts in 1 1/4" hole. Less lamp. Shpg. wt., 2 oz.

Stock No.	Mfr's. Type	Stock No.	Mfr's. Type	Color	Net Each
PB-197	1191	PB-193	1131	Red	1.94 1.74
PB-198	1193	PB-194	1133	Amber	
PB-199	1196	PB-195	1136	Yellow	
PB-200	1197	PB-196	1137	Clear	

SUBMINIATURE SERIES

2 Terminal — Plastic Dome Types

For use with T-1 1/4 bulbs for 1.3-28 Volts. Bulb replaceable from front of panel. Military grade phenolic assures permanent isolation from ground. Fully insulated. Black nickel finish. Lockwasher and nut supplied. Less lamp. 1 3/8" long; 3/4" OD. Shpg. wt., 2 oz.

(F) Translucent Series 101-5030. Front Mount and Series 101-3830. Back Mount; Front mounting units mount in 1/4" hole; back mounting units, in 1/2" hole. Solder terminals.

Stock No. (Front)	Stock No. (Back)	Mfr's. Type	Color	Net Each
PB-150	PB-146	971	Red	1.24 1.12
PB-151	PB-147	972	Green	
PB-152	PB-148	973	Amber	
PB-153	PB-149	975	White	

(F) TRANSPARENT Series 101-5030. Same as Series 101-5030 above except in transparent colors. Plastic dome for 180° visibility. Front mounting.

Stock No.	Mfr's. Type	Color	Net Each
PB-254	931	Red	1.24 1.12
PB-255	932	Green	
PB-256	935	White	

INCANDESCENT SUBMINIATURE MS 25256

(H) Series 162-8430. Incandescent type. Front mount, in 1/2" hole. Use T-1 1/4 Incandescent Bulbs. Fully insulated Size: 1 1/2 x 5/8". Shpg. wt., 1 1/2 oz. Less lamp. Meets MIL Specs MIL-L-6723.

Stock No.	Mfr's. Type	MS Dwg. No.	Color	Net Each
PB-257	931	MS25256-6	Red	1.19 1.07
PB-258	932	MS25256-4	Green	
PB-259	933	MS25256-2	Yellow	
PB-260	934	MS25256-12	Blue	
PB-261	937	MS25256-8	Clear	
PB-262	935	MS25256-10	White	

(I) Series 137-8836 NEON SUBMINIATURE MS-25257. Front mount, in 1/2" hole. Patented built-in resistor; use T-2 Neon Glow Lamp (NE-2D); for 105-125V AC or DC. Less lamp. 1 1/2 x 5/8". Shpg. wt., 1 1/2 oz.

Stock No.	Mfr's. Type	MS Dwg. No.	Color	Net Each
PB-263	931	MS25257-4	Red	2.17 1.95
PB-264	933	MS25257-2	Yellow	
PB-265	937	MS25257-6	Clear	

1 TERMINAL LIGHTSHIELD UNITS

(G) Two types of terminals. For grounded circuits. Meet MIL-L-7806-A specs. 1/2 x 3/8" opening on side of assembly emits light on panels. For dials, instrument panels, etc. 1 1/2 x 3/8" O.D.; Mounts in 1/2" hole. Shpg. wt., 1 1/2 oz. Does not include lamp. Net ea.

PB-266 Type No. 4-1830 (Screw Terminal) 1.9 10-24

PB-267 Type No. 4-1930 (Solder terminal) 1.59 1.43

PILOT LIGHT SOCKETS

Cadmium plated brackets with tinned brass lugs. Bayonet type with coil spring construction, for positive contact. For miniature screw, bayonet, and candelabra base. Av. shpg. wt., 2 oz.

Stock No.	Mfr's. Type	Fig.	NET EA.	10 FOR	100 FOR
PB-82	501	J	.07	.65	5.75
PB-85	507	K			
PB-83	504	L			
PB-84	505	M			

MINIATURE BAYONET TYPE

PB-96	701	J	.09	.74	6.60
PB-99	707	K			
PB-97	704	L			
PB-98	705	M			

CANDELABRA TYPE, 115 VOLT

PB-89	601	J	.12	1.00	9.10
PB-92	607	K			
PB-90	604	L			
PB-91	605	M			

DATALITE S.T.M.

Ultra-Miniature indicator lights for Computers, Data Processing Equipment, Automation, etc. With replaceable lamp cartridges or with built-in neon lamps which are not replaceable.

(N) SINGLE LAMP HOLDER No. 7538. Used with Dialco lamp cartridges, removable from front. 1 1/4" L x 1/2" O.D., less cartridge; Mounts in 3/8" hole. Two insulated terminals offset for correct DC polarity. Conforms to MIL Specs. Less cartridge. Shpg. wt., 2 oz.

PB-243 No. 7538 holder 1-99 Net 1.22

(N) No. 7545 SINGLE LAMP HOLDER. Similar to 7538, but 3/8" longer for 45 and 45H high brightness neon cartridges.

PB-268 No. 7545 holder 1-99 Net 1.22

PERMANENT "DATALITES" T.M.

(O) Datalites with built-in, not replaceable NE-2E Neon Glow Lamps. Require ballast resistor. Lightweight aluminum design; plastic stovepipe lens. Has 2 insulated terminals. Conform to MIL Specs. Mounts in 3/8" hole. SERIES 249-7840 — WITHOUT BUILT-IN RESISTOR 1 3/4" L x 1/2" O.D. 1 1/2 oz. Shpg. wt.

Stock No.	Type	Lens Color	NET EACH
PB-215	931	Red	1.07
PB-216	933	Yellow	
PB-217	935	White	
PB-218	937	Clear	

SERIES 249-7841. With built-in 100K-ohms resistor. 1 3/4" L x 1/2" O.D. Shpg. wt., 2 oz.

Stock No.	Type	Lens Color	NET EACH
PB-219	931	Red	1.34
PB-220	933	Yellow	
PB-221	935	White	
PB-222	937	Clear	

NEON LAMP CARTRIDGES

(P) Series 38 Neon Glow Lamp Cartridges. For use with No. 7538 Lamp Holder. Consists of NE-2E neon bulb mounted in aluminum sleeve, capped with plastic stovepipe lens. 1/25 watt; starting voltage 65 VAC or 90V DC.

Requires 1/2 watt external ballast resistor. 1 1/4" L x 3/4" O.D. Shpg. wt., 1 oz. Transparent lens.

Stovepipe Stock	Long Cylindrical Stock	Color	NET EACH
PB-66	931	Red	.86
PB-67	933	Yellow	
PB-68	935	White	
PB-69	937	Clear	

(P) Series 45† and 45H*. Neon Glow Cartridges. Similar to No. 38 but 3/4" longer. Series 45† has built-in 56, 000-ohm resistor. 45H* is the High Brightness Type with 18,000 ohm built-in resistor. Series 45† is for 105-125V AC/DC; Series 45H* 105-125V AC. Shpg. wt., 1 oz.

Stovepipe Stock	Long Cylindrical Stock	Lens Color	NET EACH
PB-273	931†	1531† Red	1.14
PB-274	933†	1533† Amber	
PB-275	936†	1536† Yellow	
PB-276	937†	1537† Clear	
PB-277	931*	1531* Red	
PB-278	933*	1533* Amber	
PB-279	936*	1536* Yellow	
PB-280	937*	1537* Clear	

INCANDESCENT LAMP CARTRIDGES

(Q) Series 39-6 Incandescent Lamp Cartridges. Uses T-1 1/4 incandescent bulb mounted in aluminum sleeve and capped with short cylindrical lens. For 6 volt; 2 amp. 1 1/4" L x 3/4" O.D. Shpg. wt., 1 oz. Lens is translucent.

Stovepipe Stock	Short Cylindrical Stock	Lens Color	NET EACH
PB-289	971	1471 Red	1.17
PB-290	972	1472 Green	
PB-291	973	1473 Yellow	
PB-292	974	1474 Blue	
PB-293	975	1475 White	

PILOT LIGHT ASSEMBLIES-PILOT LIGHTS-NEON BULBS



DIALCO ONE-INCH SERIES 75C

DETACHABLE LAMP SOCKETS (Fig. R)
For candelabra base, 115 volt pilot light assembly with faceted jewel. 1" hole mounting. Easy adjustment for panel thickness. Less bulb. Shpg. wt., 5 oz.

PB-75 Dialco 75C431 Red
PB-76 Dialco 75C432 Green
PB-77 Dialco 75C433 Amber

Any of above Net each .71
Lots of 10, ea.64
Replacement Jewel Cap for 75C Series. Specify color.
PB-62 Dialco 31-43 Net each .35

DIALCO SERIES 810 1/2" REMOVABLE JEWEL

For L-V miniature bayonet (810B Series) and screw base (810M series) lamps. 1/2" mtg. hole. Insulated brackets. Easy replacement of lamps. Shpg. wt., 2 oz.

Stock No.	Mfr. No.	Color
PB-103 -431	PB-106 -431	Red
PB-104 -432	PB-107 -432	Green
PB-105 -433	PB-108 -433	Amber

Any of above Net each .32
Lots of 10 ea29

PERFECT ON-OFF INDICATOR
• CAN BE USED IN HI-FI EQUIPMENT, TV, AROUND THE HAM SHACK, INDUSTRIAL EQUIPMENT—ANYWHERE
• MOUNTS IN AN INSTANT
• OPERATES ON 80-160 VOLTS

Pilot light mounts through any 1/2" hole quickly and simply. Electrical installation is easy and non-technical. Jiffi-Lite comes complete with two 4 1/2" insulated leads, speed-nut mount and is housed in durable plastic case. Shpg. wt., 4 ozs.

MS-695 Red Net .46
MS-696 Amber Net .46

For operation on 110 volts AC. Requires 100k resistor in series. When used with 220 v, use 250k resistor in series. AC starting voltage 60v. Servicing life, 5000 to 10,000 operating hours. Available in 3 colors, red, yellow and amber; specify when ordering. Shpg. wt., 2 oz.

MS-478 Net .39
In lots of 1035

DIALCO LENSES IN THREADED HOLDERS (Fig. BB)

To panel mount with separate lamp sockets. Up to 1/2" panels. 3/4", 1/2" and 1/4" diameters respectively. Shpg. wt., 2 oz.

REO	GREEN	AMBER	Net
Stock No.	Stock No.	Stock No.	Each
3/4" PB-128	PB-129	PB-130	.39
1/2" PB-125	PB-126	PB-127	.14
1/4" PB-122	PB-123	PB-124	.20

DIALCO SERIES 510-610-710 ANGLE BRACKET ASSEMBLY

Space saver. LV operation of incandescent bulbs. Solder terminals. 3/4" mtg. hole. Less bulb. Series 510 for miniature screw base, 610 for candelabra base, and 710 for miniature bayonet base. Shpg. wt., 2 oz.

510	610	710	Color
Stock No.	Stock No.	Stock No.	
PB-86	PB-93	PB-100	Red
PB-87	PB-94	PB-101	Green
PB-88	PB-95	PB-102	Amber

Any of above Net each .21
Lots of 10, ea.19

E.F. JOHNSON PANEL LIGHT

For front-of-panel illumination. Polished nickel-plated hood is easily removable for lamp replacement; can be rotated to any position. Fits 1/2" mounting hole. Two models, for T3 1/4 or G3 1/2 bulbs. Shpg. wt., 2 oz.

PB-20 No. 147-329 Miniature bayonet base. Net Each89
PB-21 No. 147-330 Miniature screw base. Net Each80

DASH LAMP ASSEMBLY

For dashboard, panel, etc. mounting. Simple contact miniature bayonet socket. Mounts in 3/8" hole. With 12" lead, nut and washer. Easy installation. Less lamp and switch. Shpg. wt., 2 oz.

Accepts No. 51 or 55 bulb. Net .64
MS-314

ORAKE NEON INOCATOR LIGHTS

Type 105 postlike. Molded neon panel light for AC or DC with built-in resistor. 1/2" mtg. hole. With mtg. nut. 2 1/2" long.

PB-10 Each .83 Lots of 10. Each .57
Type 110 Flushlite Translucent unit with built-in neon lamp and resistor. For 110-125 v AC-DC. 1/2x1 1/8x1/8" with 1 1/2" mtg. centers. UL approved. 2 oz.

PB-11 Each .44 10, Each .40

SPECIAL SALE! 10 for \$45 #47 PILOT LAMPS

Most often used pilot light. Replaces pilot in most electronic entertainment equipment. Shpg. wt., 5 oz. Imported.

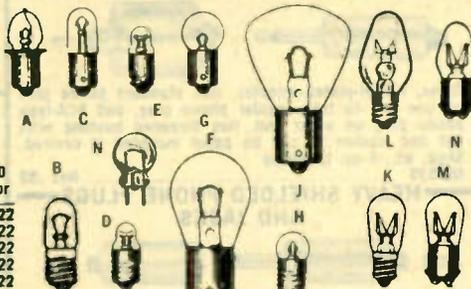
MS-783 pkg. of 1045
10 pkgs. 4.00

PILOT LAMPS — FLASHLIGHT BULBS — NEON LAMPS

MINIATURE LAMPS

For radio and T.V. pilot lights, panels, flashlights, toys, appliances, coin machines, etc. Base code: 1- single contact flanged, 2- screw, 3- bayonet, 4- special 5- single contact midget, 6- single contact bayonet, 7- double contact bayonet, 8- midget screw, 9- miniature bayonet, 10- two pin. Under AMPS, CP means candlepower. Shpg. wt., box 10 is 4 oz. 1 lamp - 2 oz.

Stock No.	GE No.	Volt	AMP	Fig.	Base	Net Ea.	10 For
PL-10	PR-2	2.4	0.50	A	1	.13	1.22
PL-11	PR-3	3.6	0.50	A	1	.13	1.22
PL-12	PR-4	2.3	0.27	A	1	.13	1.22
PL-13	PR-6	2.5	0.30	A	1	.13	1.22
PL-14	PR-12	5.95	0.50	A	1	.13	1.22
PL-15	PR-13	4.75	0.50	A	1	.13	1.22
PL-91	12	6.3	0.15	N	10	.19	1.83
PL-32	13	3.7	0.30	H	2	.11	1.04
PL-33	14	2.5	0.30	H	2	.11	1.04
PL-34	27	4.9	0.30	H	2	.11	1.04
PL-64	31	6.2	0.30	H	2	.13	1.22
PL-35	40	6.8	0.15	B	2	.10	.92
PL-36	41	2.5	0.50	B	2	.10	.92
PL-37	42	3.2	0.35	B	2	.16	1.53
PL-38	43	2.5	0.50	C	3	.10	.92
PL-39	44	6-8	0.25	C	3	.10	.92
PL-40	45	3.2	0.35	C	3	.10	.92
PL-41	46	6-8	0.25	B	2	.10	.92
PL-42	47	6-8	0.15	C	3	.10	.92
PL-43	48	2.0	0.06	B	2	.10	.92
PL-44	49	2.0	0.06	C	3	.10	.92
PL-45	50	6-8	1 C.P.	H	2	.10	.92
PL-46	51	6-8	1 C.P.	J	3	.10	.92
PL-47	53	14.4	0.12	J	3	.10	.92
PL-48	55	6-8	2 C.P.	J	3	.10	.92
PL-65	57	12-16	2 C.P.	J	3	.10	.92
PL-66	63	6-8	3 C.P.	J	6	.13	1.22
PL-67	81	6-8	6 C.P.	J	6	.16	1.53
PL-68	82	6-8	6 C.P.	J	7	.16	1.53
PL-49	112	1.2	0.22	D	2	.11	1.04
PL-50	123	1.25	0.30	H	2	.11	1.04
PL-69	136	1.3	0.60	H	2	.11	1.04
PL-51	222	2.2	0.25	D	2	.11	1.04
PL-70	223	2.2	0.25	E	2	.11	1.04
PL-52	224	2.15	0.22	E	4	.11	1.04
PL-53	233	2.2	0.27	H	2	.11	1.04



AC-DC PILOT LAMPS

Rated at 105-125v. 1500 hours average use. Base types: A—Candelabra Screw; B—Double contact Bayonet Candelabra. All clear except * is white. Shpg. wt., 3 oz. each.

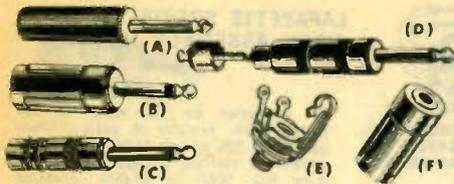
Stock No.	Type	Fig	Watts	Base	Ea.	10 For
PL-25	3S6	K	3	A	.35	.31
PL-26	6S6	K	6	A	.20	.18
PL-27	6S6DC	M	6	B	.28	.25
PL-28	7C7/C	L	7	A	.20	.18
PL-29	7C7/W*	L	7	A	.20	.18
PL-30	10C7DC	N	10	B	.26	.23
PL-31	T-4 1/2	B	4	A	.39	.35

NEON GLOW LAMPS

For 105-125 v AC operation except * for 210-250v AC. Screw types have resistor in base for 105-125 v others require external resistor. AC starting voltage shown: DC starting voltage 40% higher. Shpg. wt., 2 oz.

Stock No.	Type	Watts	Start	Base	Type	10-Up Each
PL-121	NE-2	1/25	65	Wire	Term.	.10 .08
PL-122	NE-2E	1/10	65	Wire	Term.	.10 .08
PL-123	NE-2H	1/4	—	Wire	Term.	.12 .10
PL-124	NE-7	1/4	55	Wire	Term.	.72 .56
PL-125	NE-17	1/4	55	D.C.	Bay. Cand.	.88 .71
PL-126	NE-21	1/4	55	S.C.	Bay. Cand.	.93 .71
PL-127	NE-30	1	60	Edison		1.18 .93
PL-128	NE-31	1	60	D.C.	Cand. Screw	2.92 2.62
PL-129	NE-32	1	60	SK.	Bay. Cand.	1.18 .93
PL-130	NE-34	2	60	Edison		1.81 1.43
PL-131	NE-36	2	60	SK.	D.C. Bay. Cand.	2.35 1.89
PL-132	NE-40	3	60	Edison		2.65 2.10
PL-133	NE-42	3	60	SK.	D.C. Bay. Cand.	2.60 2.04
PL-134	NE-45	1/4	65	D.C.	Screw	.83 .66
PL-135	NE-48	1/4	65	D.C.	Bay Cand.	.69 .54
PL-136	NE-51	1/25	65	S.C.	Bay. Min	.21 .17
PL-137	NE-51H	1/4	—	S.C.	Bay. Min	.23 .18
PL-138	NE-56*	1	60	Edison		1.22 .98
PL-139	NE-57	1/4	55	Cand.	Screw	.97 .76
PL-140	NE-58*	1/2	65	Cand.	Screw	.93 .71

Plugs, Jacks, Clips



LAFAYETTE 2-CONDUCTOR PHONE PLUGS STANDARD 2-CONDUCTOR PHONE PLUGS

Phone plugs for a wide variety of applications with choice of handle sizes and materials. All sleeves fit standard 1/4" phone jacks. Avg. shpg. wt., 8 oz.

FIG. A. **SLIM PHONE PLUG** Smooth bakelite handle. Solder terminals with cable clamp. Imported
MS-453 Net .25 ea. — 10 for 2.15

FIG. B. **BARREL PHONE PLUG** Ribbed plastic barrel handle. Screw terminals. Imported
MS-455 Net .22 ea. — 10 for 1.90

FIG. C. **SHIELDED SLIM PLUG** Ribbed chromed metal handle. Solder terminal with cable clamp. Imported
MS-443 Net .29 ea. — 10 for 2.50

FIG. D. **PHONE TO PHONO PLUG ADAPTER** Adapts from standard phone plug to RCA type phono plug. Overall length 2 7/8" x 1/2" diam. Imported
MS-444 Net .39 ea. — 10 for 3.25

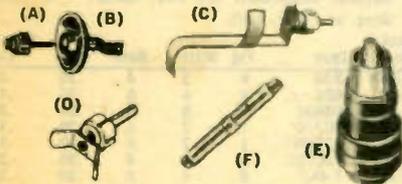
STANDARD PHONE JACKS FOR 1/4" PLUGS

FIG. E. **OPEN CIRCUIT JACK** Standard open circuit phone jack, 3/8" bushing, 1/2" long. Complete with mounting hardware. Imported
MS-441 Net .19 ea. — 10 for 1.75

FIG. F. **CLOSED CIRCUIT JACK** Same as above but closed-circuit phone jack. Imported
MS-454 Net .19 ea. — 10 for 1.75

FIG. G. **OPEN CIRCUIT JACK** Open circuit jack for 3 conductors. Imported
MS-318 Ea. .29

FIG. H. **EXTENSION CABLE JACK** Fit standard 1/4" phone plug. Screw terminals. Barrel plastic handle matches MS-455 Barrel plug. Imported
MS-442 Shpg. wt., 10 oz. Net .22 ea. — 10 for 1.90



PHONO PLUGS AND JACKS

(A) Single Prong Shielded Plug — RCA type, used extensively for mike, phono, etc.
MS-167 — 10 for .35 Shpg. wt., 4 oz. ... singly, ea. .04

(B) Phono Jack — Accepts RCA type phono plug. Mounts in rear of panel.
MS-168 — 10 for .50 Shpg. wt., 4 oz. ... singly, ea. .06

(C) Solderless Phono Plug — For phono, coax cables. Pin contacts center conductor, tab wraps around shield.
MS-373 — Lots of 10, ea. .35 Wt., 4 oz. singly, ea. .38

(D) Finger grip plug — Phono plug with handy finger grip.
MS-471 — 10 for .50 Shpg. wt., 4 oz. ... singly, ea. .06

(E) Semi-Solderless Phono Plugs — Fits std RCA type phono jacks. Needs only spot solder at tip. Plastic shell with finger grip. In black, red, yellow, green, white, blue; specify color.
MS-472C — 5 for 1.70 Shpg. wt., 4 oz. singly, ea. .38

(F) Feed Thru — Accepts male phono plug at both ends.
MS 96 Shpg. wt., 4 oz. ... Ea .53



PHONO PIN JACK SINGLE HOLE MOUNTING

15c ea. 10 for \$1.35

RCA type female input Jack. Mounts securely in single 1/4" hole by means of locknut on jack. Screws, nuts and washers unnecessary. Imported.
MS-568 Shpg. wt., 4 oz. ... 10 for 1.35 Singly, ea. .15

ULTRA MINIATURE PLUG & JACK



• 1/2 The Previous Size
• Same Precision Workmanship
Tiniest plug and jack available. Plug is 1/4" overall. Jack mounts on panels up to 3/8" thick. Requires 3/8" mtg. hole. Extends 1/2" behind panel. 3 circuit jack can be used open or closed. Shpg. wt., 1 oz. Imported
MS-883 Plug and jack, per set .25

NEW! SUB-MINIATURE PLUG & JACK

Provides Extra Earphone Jack for Transistor Radios



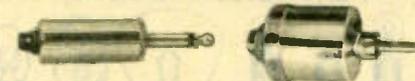
This new sub-miniature plug and jack set is designed for most transistor radios with earphone jacks. Just plug it in and you have 2 jacks for earphones, speakers, etc.—can be used in most instruments provided with an earphone jack. Overall size: 2 1/4" x 1/4" x 3/4" D. Shpg. wt., 6 oz. Imported
MS-879 Net pair .69

SUBMINIATURE PHONE PLUG AND JACK



Tiniest "phone plug" and jack available. Only 1" long x 1/4" diameter, overall. Excellent for transistor and subminiature applications. Plug has removable sleeve. Jack can be mounted on panel up to 3/8" thick. Jack can be used for both open and closed circuits. 4 oz. Imported
MS-281—Plug Net .17
MS-282—Jack Net .13
MS-370—Plug and Jack Set Net .25

PHONE PLUG TO PHONO JACK ADAPTER



Brass, nickel-plated adapter. Has standard phone jack on one end to take regular phone plug, and RCA-type phono plug on other end. Has threaded bushing with nut and washer so can be panel mounted if desired. Shpg. wt., 4 oz. Imported
MS-535 Net .52

HEAVY SHIELDED PHONE PLUGS AND JACKS



(A) Sturdy, heavy brass, nickel-plated phone plugs with screw terminal connections. Threaded insulated cable outlet may be removed for larger cables to pass through. Body dia. 3/4", overall length 3 3/4". Shpg. wt., 4 oz. Imported
MS-534 Plug Net ea. .59 10 for 5.30

(B) Matching in-line phone jack, same construction as plug. Overall length 2". Imported
MS-533 Jack Net ea. .55 10 for 4.95

NEW! ALL SHIELDED PHONO PLUG AND JACK



(A) Removable Shell for easy soldering of wires. Positive ground connection through unique ground lug reduces hum to a minimum. Extra long handle makes removal from amplifier a snap. Completely shielded in bright nickel plate on brass body and shell. Fits all RCA type jacks. 1 1/4" long. Shpg. wt., 4 oz. Imported
MS-593 Net .19

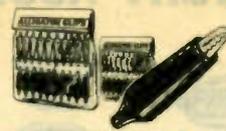
(B) Extension Cable Jack for use with MS-593 or any other type of phono plug. Shpg. wt., 4 oz. Imported
MS-594 Net .19

3 CONDUCTOR PHONE PLUG & JACK



(A) 3 Conductor Phone Jack, Open Circuit. Imported.
PJ-80 Net .25

(B) 3 Conductor Phone Plug — Black Bakelite Handle. Solder lugs. Open circuit 1/4" shaft. Imported.
PJ-81 Net .39



KIT OF 20 INSULATED ALLIGATOR CLIPS

Two kits of insulated alligator clips. Kit A consists of 20 large size clips, kit B consists of 20 small size clips. All have sturdy nickel-plated jaws with strong spring and hard bite. Each kit contains 10 red and 10 black alligator clips, carded and bagged. Shpg. wt., 8 oz. Imported
MS-569 Kit B (1 1/2") Net .89
MS-570 Kit A (2 1/2") Net 1.39

INSULATED ALLIGATOR CLIP



20 for 1.17

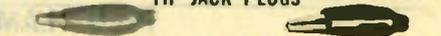
Sturdy nickel-plated brass jaws with plastic insulated thumb rest and insulated barrel. Strong spring with hard bite. Solder lug connection. Overall length 2 1/2". Shpg. wt., 4 oz. Supplied in Red and Black. Imported
MS-451—Red Alligator Clip Net ea. .07
MS-452—Black Alligator Clip 20 for 1.17

2 INSULATED ALLIGATOR CLIPS WITH BANANA PLUGS



• Solid Copper Clips • With 2 Banana Jacks
2 accurately matched sturdy jaws for a tight grip. Convenient thumb grip with soldering attachment. Overall size of insulated alligator clip with bakelite handle 3", overall size of banana plug 1 3/4". 1 red alligator clip and banana plug and 1 black alligator clip and banana plug. Shpg. wt., 4 oz.
MS-768 2 Alligator Clips and 2 Banana Plugs... Net .29

INSULATED ALLIGATOR CLIPS WITH TIP JACK PLUGS



Set of 2 clips, 1 black and 1 red, that plug into tip jack probes. Permits use of one set of probes where 2 sets are usually required. Clips are 2 1/4" overall. Shpg. wt., 6 oz. Imported
MS-842 Set of 2 Net .19

CROCODILE CLIPS



Nickel plated brass type for low resistance. Quality springs maintain positive action. Provided with rubber insulation. Shpg. wt., 2 oz. Imported

Stock No.	Amps.	Size	Net
MS-582	1	1 7/8"	10 for .79
MS-583	5	2 1/4"	10 for .89

INSULATED ALLIGATOR TEST CLIPS



WITH 6 FT. LEAD

Handy for quick connections. Plated brass alligator clip with insulated handles and 6 ft. of No. 22 stranded wire attached. Clip is 1 1/2" overall. Shpg. wt., 8 oz.
MS-536 Red 50 for 3.25 10 for .72
MS-537 Black Imported SINGLY, EACH .08

JUMPER LEAD KIT



KIT OF 10 COLOR CODED 14" LEADS
10 handy 14" leads with miniature insulated alligator clips attached to each end. Clips and leads color coded. 5 pairs each a different color. Ideal for serviceman or experimenter. Shpg. wt., 8 oz. Imported
MS-479 1.19

FLAT PLUG



Ultra-compact type for use where space is limited. Bakelite body. 1 1/4" dia., 1/4" thick. Shpg. wt., 4 oz.
MS-599 .53

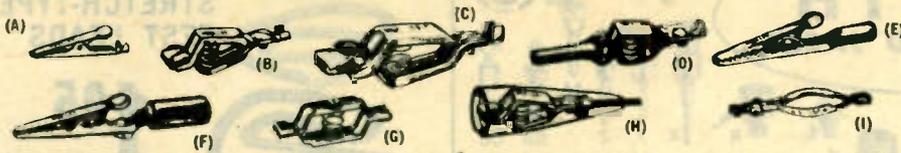
STANDARD PHONE TIPS

Heavily plated. Takes up to No. 18 wire, 1" long. 4 oz.
MS-39 10 for .12 100 for 1.00

Plugs and Clips

MUELLER UNIVERSAL CLIPS AND INSULATORS

Positive contact. Standard package of 10 contains 5 marked + and 5 unmarked. No. of insulator to fit each clip is shown in charts. Insulation not included in price.



MINI-GATOR CLIP (A)

Smallest made steel, cadmium plated alligator jaws open 3/4". Length 1 1/4". Solder connection. For #20 or smaller wire. Uses No. 32 Insulator. Avg. Shpg. wt., 4 oz.

Stock No.	No.	Each	Lots 10	Lots 100	Lots 500
CN-250	30	.06	.04	.034	.032

TEST CLIPS WITH MESH TEETH (B)

All steel, cadmium plated except * is solid copper. † is bronze. ‡ has insulation piercing needle in jaw. Avg. shpg. wt., 4 oz.

Stock No.	No.	Amp.	Size	Each	Lots 10	Lots 100	Lots 500
CN-251	45	5	1 1/2"	.07	.05	.042	.04
CN-252	45C*	10	1 1/2"	.14	.095	.08	.076
CN-253	48B	10	2"	.11	.074	.063	.06
CN-254	48C*	10	2"	.15	.11	.092	.088
CN-255	50C††	10	2 1/4"	.27	.20	.166	.158

BATTERY CLIPS STEEL AND COPPER (B)

* Are solid copper, all others are lead plated. Avg. shpg. wt., 4 ozs.

Stock No.	No.	Amp.	Size	Each	Lots 10	Lots 100	Lots 500
CN-256	24A	25	2 7/8"	.23	.16	.134	.128
CN-257	21A	50	4"	.39	.28	.24	.23
CN-258	11A	100	6"	1.04	.75	.64	.61
CN-259	24C*	50	2 7/8"	.37	.27	.23	.22
CN-260	21C*	100	4 1/2"	.95	.68	.58	.55
CN-261	11C*	200	6"	1.77	1.27	1.08	1.03

3 SIDED MESH TEETH CLIPS (C)

* Solid copper, others cad. plated steel. Avg. shpg. wt., 4 ozs.

Stock No.	No.	Amp.	Size	Each	Lots 10	Lots 100	Lots 500
CN-262	27	20	2 1/2"	.13	.09	.077	.073
CN-263	27C*	40	2 1/2"	.23	.16	.134	.128

PHOSPHOR-BRONZE WEE-PEE-WEE CLIPS (I)

Non-ferrous R.F. test clip. Length 1 1/4". Jaws open 3/4". Uses 93 Insulator. Avg. Shpg. wt., 4 ozs.

Stock No.	No.	Each	Lots 10	Lots 100	Lots 500
CN-264	88	.22	.15	.13	.124

TERMINAL STRIPS



Superior quality bakelite terminal strips. Solder lugs mounted on 3/4" thick insulation. Available with 2, 3, 4 or 6 solder lugs and screw terminals. Mounting holes for 6-32 screws. Avg. shpg. wt., 4 oz.

Stock No.	Term	EA.	5 For	100 For	Stock No.	Term	EA.	5 For	100 For
MS-227	2	.06	.25	3.40	MS-231	5	.14	.65	7.70
MS-228	3	.09	.40	4.80	MS-230	6	.17	.75	9.10
MS-229	4	.12	.55	6.20					

HEAVY DUTY SCREW COLLAR STRIPS



3/8" bakelite, 7/8" wide Nickel Plated Brass Screw Terminals, tinned solder lugs. Avg. shpg. wt., 4 oz.

Stock No.	Term	NET EA.	LOTS OF 10	LOTS OF 100	Stock No.	Term	NET EA.	LOTS OF 10	LOTS OF 100
MS-237	2	.20	.18	.16	MS-242	7	.52	.47	.42
MS-238	3	.28	.25	.23	MS-243	8	.59	.53	.48
MS-239	4	.34	.31	.28	MS-244	9	.65	.58	.52
MS-240	5	.41	.37	.33	MS-245	10	.71	.64	.58
MS-241	6	.46	.41	.37					

BAKELITE MOUNTING STRIPS



Mounts parts on chassis. Avg. shpg. wt., 4 oz.

Stock No.	Term	EA.	10 For	100 For	Stock No.	Term	EA.	10 For	100 For
MS-231	1	.02	.15	.90	MS-234	4	.045	.35	2.80
MS-232	2	.02	.15	1.20	MS-235	5	.05	.40	3.05
MS-233	3	.04	.30	2.40	MS-236	6	.07	.53	4.20

CROCODILE CLIPS (D)

Avg. shpg. wt., 4 ozs.

Stock No.	No.	Size	Conn.	EA.	Lots 10	Lots 100	Lots 500
CN-265	8S	2 1/2"	Screw	.09	.06	.052	.049
CN-266	85C*	2 1/2"	Screw	.18	.12	.105	.10
CN-267	85T†	2 3/4"	Tip	.22	.15	.13	.124

* Copper, others cad. plated. † has standard phone tip to one jaw.

ALLIGATOR CLIPS (E)

Avg. shpg. wt., 4 ozs.

Stock No.	No.	Size	Open Conn.	EA.	Lots 10	Lots 100	Lots 500
CN-268	60	2"	3/4"	Std.	.07	.046	.04
CN-269	60S	2"	3/4"	Std.	.08	.052	.044
CN-270	60CS*	2"	3/4"	Screw	.12	.08	.069

* Copper, others steel. All fits banana plugs.

INSULATED ALLIGATOR CLIPS (F)

Specify red or black. * copper, others cad. plated steel.

Stock No.	No.	Size	Conn.	EA.	Lots 10	Lots 100	Lots 500
CN-271C	60HS	2 1/2"	Std.	.11	.075	.064	.061
CN-272C	60CS*	2 1/2"	Screw	.15	.10	.086	.082

TWIN CLIPS (G)

Jaws of both ends operate independently. Cad. plated steel 2" long, jaws open 1/2". Avg. shpg. wt., 4 ozs.

Stock No.	No.	Each	Lots 10	Lots 100	Lots 500
CN-273	22	.12	.082	.071	.067

FLEXIBLE INSULATORS (H). Avg. shpg. wt., 4 ozs.

SPECIFY RED OR BLACK

Stock No.	Ins. No.	Clip Series	Fits	Net Each	Lots 10	Lots 100	Lots 500
CN-274C	13	11		.78	.56	.48	.45
CN-275C	23	21		.39	.28	.237	.225
CN-276C	26	24		.21	.15	.13	.12
CN-277C	29	27		.13	.09	.076	.072
CN-278C	32	30		.05	.03	.025	.024
CN-279C	47	45		.06	.04	.035	.033
CN-280C	49	48 & 50		.09	.065	.054	.052
CN-281C	62	60		.05	.035	.03	.028
CN-282C	87	85		.06	.04	.035	.033
CN-283C	93	88		.12	.08	.07	.067

MICRO-GATOR CLIP

SHPG. WT., 2 oz.

* Cad plated steel † Solid copper Alligator clip for use on P.C. boards, tiny terminals and other crowded spots.

Stock No.	No.	Size	Open	EA	Lots 10	Lots 100	Lots 500
CN-284	34*	1 1/2"	3/8"	.06	.04	.034	.032
CN-285	34C†	1 1/2"	3/8"	.07	.05	.043	.041
CN-286	Red Flex. Insulator			.05	.03	.025	.024
CN-287	Black Flex. Insulator			.05	.03	.025	.024

FAHNESTOCK CLIPS

Brass clips that assure good electrical contact without injury to wire. 3/8" wide except * which are 1/2". Shpg. wt., 4 oz.

Stock No.	Fig.	Lenh.	Max. Wire	Mtg. Hole	10 for	100 for
MS-248	B	1"	No. 10	No. 8	.15	1.35
MS-249	C	1-1/8"	No. 10	No. 8	.19	1.70
MS-250	A	1 1/2"	No. 10	No. 8	1.10	9.90
MS-251*	B	3/4"	No. 14	No. 6	.10	.90

KIT OF 48 SOLDER LUG STRIPS

Wandy assortment of 48 solder lug terminal strips with 8 of each type from 1 through 6 lugs. Shpg. wt., 12 oz. Imported

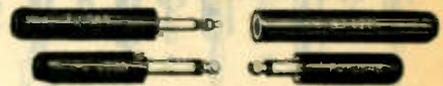
STOCK NO. KI-18	Net	.98
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GENERAL RADIO TYPE 274MB INSULATED DOUBLE PLUG

Attractively designed, Molded-Styrene double plug assembly for rapid and convenient connections in the laboratory. Jack top permits stacking per multiple connections. Low capacitance, low losses, completely insulated for hand protection, polarity indication molded in. A cross hole in the center provides strain relief for attached cables up to 0-2" Dia. Shpg. wt., 5 oz.

TD-216 Net .65

SWITCHCRAFT PLUGS AND JACKS

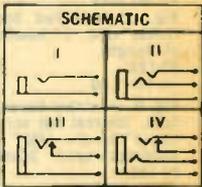
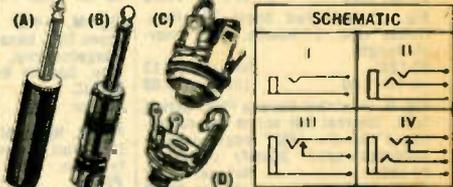


MIL TYPE PLUGS AND EXTENSION JACK

All meet industrial and military requirements. Plugs are made to MIL-P-642A Specs. The extension Jack type 820 meets MIL-J-641A specs. Best quality material and workmanship assure positive internal interlock. Parts will not shift in position. Black plastic handle. Extension Jack fits type 430 Littell plug. All have screw terminals. Avg. shpg. wt., 5 oz.

LITTEL-PLUGS AND JACKS

Stock No.	Type	Cond.	Old S.C. No.	Net Each	50-99	100 & up
PJ-69	430	2	PL-54	PJ-054B	.82	.69
PJ-70	440	2	PL-55	PJ-055B	.82	.69
PJ-71	480	3	PL-68	PJ-068	2.12	1.76
PJ-72	820	2	JK-26	JJ-026	1.18	.98



"LITTLE PLUGS" PHONE PLUGS—Compact quality plugs. Fits standard 3/4" phone jacks except * with 206 diam. sleeve and † with short sleeve for Revere recorders. In plastic handle or with brass nickel plated shells for shielding. Solder terminal has built-in cable clamp. Handle 1 1/4" long, 1/2" diam. Av. shpg. wt., 4 oz.

Stock No.	Type	Fig.	Cond.	Handle	Terminals	Net
PJ-42	240	A	2	Black	Screw	.44
PJ-43	245	A	2	Red	Screw	.44
PJ-44	250	A	2	Black	Solder	.41
PJ-45	S-250*	A	2	Black	Solder	.44
PJ-46	255	A	2	Red	Solder	.41
PJ-47	260	A	3	Black	Screw	.71
PJ-48	267	A	3	Black	Solder	.62
PJ-49	280	B	2	Metal	Solder	.59
PJ-50	S-280*	B	2	Metal	Solder	.59
PJ-51	R-280†	B	2	Metal	Solder	.73
PJ-52	297	B	3	Metal	Solder	.76

"LITTLE-JAX" PHONE JACKS (Fig. C) Accept standard 3/4" phono plugs, except * with .210" J.D. sleeve and † mates with 480 Mil type "Little-Plug." Abbrs.: SCC—single closed ckt; OC—open ckt. 3/4" dia., 1 1/2" overall; 3/4" dia. threaded shank, 3/4" long. Av. Shpg. wt., 3 oz.

Stock No.	Type	Schematic	Cond.	CKT.	Jan Type	Net
PJ-53	11	I	2	OC		.24
PJ-54	C-11	I	2	OC	JJ-034	.35
PJ-55	S-11*	I	2	OC		.26
PJ-56	12A	II	2	SCC		.26
PJ-57	C-12A	II	2	SCC	JJ-089	.44
PJ-58	12B	III	3	OC		.32
PJ-59	C-12B†	III	3	OC	JJ-033	.41
PJ-60	13B	IV	3	SCC		.44

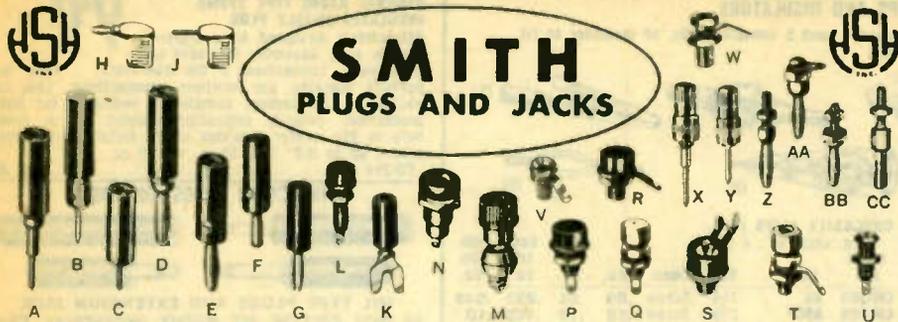
"TINI-PLUGS" SUBMINIATURE PHONE PLUGS. 2-conductor phone plug for use with "Tini-Jax." Only 1 3/8" in length. In plastic or metal shielded handles. Wt., 2 oz.

Stock No.	Type	Fig.	Handle	Terminals	Net
PJ-61	740	A	Black	Screw	.44
PJ-62	745	A	Red	Screw	.44
PJ-63	750	A	Black	Solder	.41
PJ-64	755	A	Red	Solder	.41
PJ-65	770	B	Metal	Screw	.62
PJ-66	780	B	Metal	Solder	.59

"TINI-JAX" SUBMINIATURE PHONE JACKS (Fig. D) 2-conductor jacks for "Tini-Plugs." Only 3/8" long. Abbrs.: OC—open ckt; CC—closed ckt. Av. Shpg. wt., 2 oz.

Stock No.	Type	Schematic	CKT.	Net
PJ-67	41	I	OC	.24
PJ-68	42A	II	CC	.26

PLUGS-JACKS-TEST LEADS-BINDING POSTS



**SMITH
PLUGS AND JACKS**

Insulated Phone Tip and Banana Plug and Jacks are available in Red, Black, Yellow, Green and Blue. Avg. shpg. wt., 2 oz.

INSULATED PLUGS

- Fig. P. Insulated Tip Plug. Heavy duty. Solder type. 1" handle. 2 1/8" overall. Specify color.
PJ-10C Net ea. .15
10 for 1.30 100 for 11.00
- Fig. B. Insulated Solderless Tip Plug. 1" handle, 2" length overall. Specify color.
PJ-11C Net ea. .15
10 for 1.30 100 for 11.00
- Fig. C. Insulated Short Tip Plug. Solder type. 1" handle. 1 1/2" overall length.
PJ-12C Net ea. .12
10 for 1.08 100 for 9.00
- Fig. D. Insulated Banana Plug. Spring type. Internal set screw for soldering. 1" handle. 1 1/4" length overall. Phosphorbronze. Specify color.
PJ-13C Net ea. .21
10 for 1.89 100 for 16.00
- Fig. E. Solderless Insulated Banana Plug. Spring type. 1" handle. 1 1/4" overall. Specify color.
PJ-14C Net ea. .18
10 for 1.60 100 for 13.50
- Fig. F. Solderless Insulated Banana Plug. Split type. 1" handle. 1 1/4" overall. Specify color.
PJ-15C Net ea. .18
10 for 1.60 100 for 13.50
- Fig. G. Insulated Banana Plug. Spring type. 1" handle. 1 3/4" overall. Solder type. Specify color.
PJ-16C Net ea. .18
10 for 1.60 100 for 13.50
- Fig. H. Molded Meter Banana Plug. Specify Red or Black.
PJ-17C Net ea. .35
10 for 3.10 100 for 26.00
- Fig. J. Molded Meter Tip Plug. Specify Red or Black.
PJ-18C Net ea. .28
10 for 2.40 100 for 20.00

Fig. K. Insulated Spade Lug. 3/4" handle. 1 3/8" length overall. Specify Red or Black.
PJ-19C Net ea. .11
10 for .99 100 for 8.00

INSULATED JACKS

- Fig. L. Phone Tip or Banana Plug. Mounts in 3/8" hole. Specify color.
PJ-20C Net ea. .16
10 for 1.40 100 for 12.00
- Fig. M. 5-Way Binding Post. Takes phone tips, banana plugs, spade lugs, alligator clip, wire. All insulated type. Specify Red or Black.
PJ-21C Net ea. .27
10 for 2.43 100 for 21.87
- Fig. N. Nylon All Insulated Tip Jack. 1" overall. Mounts in 3/8" hole. Specify color.
PJ-22C Net ea. .18
10 for 1.60 100 for 13.50
- Fig. O. Insulated Tip Jack. 1 1/4" overall length. Mounts in 3/8" hole. Specify color.
PJ-23C Net ea. .13
10 for 1.17 100 for 10.00
- Fig. Q. Nylon Insulated Tip Jack. With nylon washer. 1" overall length. Mounts in 3/8" hole. Specify color.
PJ-24C Net ea. .18
10 for 1.60 100 for 13.50
- Fig. R. Insulated Banana Jack. 3/4" overall length. Mounts in 3/8" hole. Specify color.
PJ-25C Net ea. .13
10 for 1.20 100 for 10.00
- Fig. S. Instrument Banana Jack. 3/4" overall length. Mounts in 3/8" hole. Specify color.
PJ-26C Net ea. .15
10 for 1.30 100 for 11.00

Fig. T. Nylon Insulated Banana Jack. With nylon washer. Overall length 3/4". Mounts in 3/8" hole. Specify color.
PJ-27C Net ea. .18
10 for 1.60 100 for 13.00

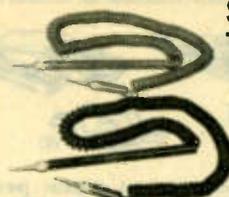
METAL JACKS

- Fig. U. Metal Tip Jack. Mounts in 1/4" hole.
PJ-28 Net ea. .10
10 for .90 100 for 7.50
- Fig. V. Metal Banana Jack. Mounts in 1/4" hole.
PJ-29 Net ea. .10
10 for .90 100 for 7.50
- Fig. W. Metal Banana Jack Mounts in 1/4" hole.
PJ-30 Net ea. .10
10 for .90 100 for 7.50

NON-INSULATED PLUGS

- Fig. X. Solderless Phone Tip, Sr. 1 1/2" long.
PJ-31 Net ea. .10
10 for .90 100 for 7.50
- Fig. Y. Solderless Phone Tip, Jr. 1 1/2" long.
PJ-32 Net ea. .10
10 for .90 100 for 7.50
- Fig. Z. Banana Plug. Spring type. 1 3/8" overall. 6-32x1/2" stud.
PJ-33 Net ea. .15
10 for 1.30 100 for 11.00
- Fig. AA. Banana Plug. Spring type. Screw in head. 1 1/2" overall.
PJ-34 Net ea. .15
10 for 1.30 100 for 11.00
- Fig. BB. Banana Plug. Spring type. 1 1/4" overall. 6-32x3/8" stud.
PJ-35 Net ea. .15
10 for 1.30 100 for 11.00
- Fig. CC. Banana Plug. Split type. 1 1/4" overall. 6-32x1/2" stud.
PJ-36 Net ea. .13
10 for 1.20 100 for 11.00

**NEW! LAFAYETTE
STRETCH-TYPE
TEST LEADS**



1.95

Cannot kink or become entangled. 16" coil extends to 9 feet. Includes red and black plastic handles on each end. Probe 6 1/2" long including tips. Shpg. wt., 4 oz. F-886 Net 1.95

**BUDGET UNIVERSAL TEST
LEAD KIT IN PLASTIC CASE**

This kit consists of color coded 4-5/8" long x 3/8" dia. red and black plastic handle pin prods with heavy duty 37" kinkless rubber leads with 5000 v breakdown insulation terminating in coded 2" long x 3/8" dia. plastic grip banana plugs. 3 sets of interchangeable terminals are included. They all slip directly on to the banana plugs. They are spade lugs terminals, phone tips and red and black insulated alligator clips. These items have their own handsome and handy compartmentalized flexible plastic case which snaps shut. Shpg. wt., 1 1/2 lbs.



F-373 Imported Net .77

TEST LEADS



Standard test leads furnished with plastic prods and pin plugs which withstands chipping or breaking. Extra flexible kinkless vinyl covered 60" red and black leads. Prods are red and black, 4" long x 3/8" diameter. Supplied in pair of one red and one black. Available with either pin or banana plugs. Imported Sngp. wt., 8 oz.

F-344 Test Leads With Banana Plugs Net .39
F-345 Test Leads With Pin Plugs Net .39

HIGH VOLTAGE LEADS

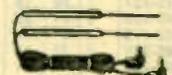
For hi-volt testing in TV sets. Extra heavy duty. Special finger guards. High tension wire. 22,000 volts breakdown. 48" long. Shpg. wt., 6 ozs.



MS-538—with phone tips Net per pair 1.94
MS-539—with spade lugs Net per pair 1.94
MS-540—with alligator clips Net per pair 2.35

THIN TYPE—50"

For hard to reach places. Extra slim plastic handles with long, slim, insulated prods attached. 50", 6000 v test wire. Angle type phone tips. Shpg. wt., 4 ozs.



MS-541 Net per pair 1.12

1.12

KLIPZON ADAPTERS

Convert old test points to self holding prods. Fits over standard phone tips or needle type.

P-300—Red 2 oz. Net Ea. .38
P-301—Black 2 oz. Net Ea. .38



.38

**LAFAYETTE JUMBO 5-WAY
BINDING POST**



Accepts phone tip plug, a spade lug, a banana plug, an alligator clip and a strand of wire. Head non-removable from stand. Molded plastic construction. For panels 1/4" to 1/2" thick. In either red or black, specify color. Imported.
PJ-37C-Shpg. wt., 8 oz. Net ea. .25

KIT OF 10 5-WAY BINDING POSTS



- FOR BANANA PLUG
- FOR PHONE TIP PLUG
- FOR SPADE LUG
- FOR ALLIGATOR CLIP
- FOR STRAND OF WIRE

.79

For panels 1/4" to 1/2" thick. Assortment of 10 pieces, 5 Red and 5 Black. Shpg. wt., 8 oz. Imported MS-566 Binding Post Kit Net .79

METAL BINDING POST



10 for 1.35 50 for 6.00

Made of brass, heavily nickel plated overall. With screw and lock washer. Shpg. wt., 8 oz.
PJ-38 Net Ea. .15

**AMPHENOL
NYLON TIP JACKS**



(Fig. A) (Fig. B) Made to MIL specs. Threaded metal bodies mount in 1/4" holes. Handles 1000V peak. In red, black or green. Specify color. Shpg. wt., 1 1/4 oz.

TURRET TERMINAL TYPE (Fig. A). Has silver-plated beryllium copper contact. 3/8" long.
Stock No. Type No. 1-9 10-49 50-249
Ea. Ea. Ea.
CM-244C 350-29175 .36 .32 .27

SILVER TERMINAL TYPE (Fig. B). Has silver-plated phosphor bronze contact. 1 1/2" long.
Stock No. Type No. 1-9 10-49 50-249
Ea. Ea. Ea.
CM-245C 350-29200 .40 .36 .30

**CIRCUIT
TESTER**

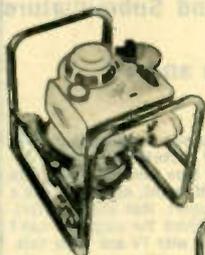


.44

A simple, safe, electrical circuit tester for voltages from 60 volts AC to 550 volts AC or DC. Used for radio, electrical and automotive testing. Molded plastic. Shpg. wt., 2 oz.
MS-257 Net ea. .44

PORTABLE POWER SUPPLIES, PUMPS AND POWER TOOLS

ZEUS PORTABLE POWER PLANTS



190⁸⁸

1250 WATT



431²⁵

3000 WATT

- Permanent Magnet Alternator
- Maintenance-free Design
- Lightweight for Portability

A light weight small size, portable gasoline powered electric generator that features a permanent magnet alternator for maintenance-free operation. Trouble factors such as brushes, windings, belts, slip rings and commutators have been eliminated because there is only one moving part, the permanent magnet alternator. A Briggs and Stratton 3 horsepower, 4-cycle engine gives easy-to-start, long-life dependable service hour after hour. All units deliver 115 VAC.

- ML-345WX (1250 watts). Shpg. wt., 82 lbs. Net 190.88
- ML-346WX (3,000 watts). Shpg. wt., 195 lbs. Net 431.25
- ML-347WX (3,000 watts, electr. starter). Shpg. wt., 195 lbs. Net 487.50

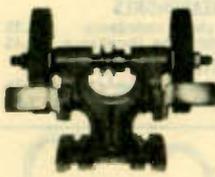
DOUBLE END BALL BEARING MANDREL



232

Ideal for small shop or home. Equipped with hardened ball bearings and races. Threaded 1/2" x 20 on each end. 1 1/2" pulley for "V" belt drive. Build your own grinder, sander, buffer, jack shaft, saw, etc. Shpg. wt., 2 lbs. HD-240 Net 2.32

DOUBLE POWER GRINDER



Equipped with double tool rests—will accommodate 4" or 5" grindstone. Comes with DuPont Nylon bearings. These bearings require little or no lubrication, and have outstanding abrasion resistant characteristics. Furnished complete with one coarse and one fine grinding wheel. Shpg. wt., 10 lbs. HG-121 Net 4.98

AUTOMATIC SIPHON

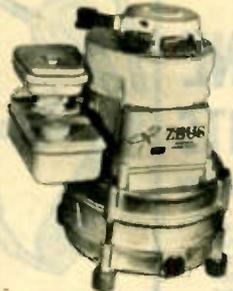
- Outboards • Generators
- Autos • Power Mowers

139

Automatic—safe—simple pump for transfer of gasoline or any liquid. Pump-type siphon works without putting tube to mouth. Just squeeze the bulb to start the flow. Transparent inserts permit view of liquid flowing. Use for any gas engine equipment. Handy in camp—for plumbers—chemical plants—industrials. Shpg. wt., 8 oz. HD-725 Net 1.39



ZEUS PORTABLE ELECTRIC POWER PLANT



148¹³

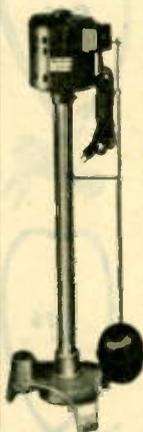
No Money Down

- Permanent Magnet Alternator
- Compact and Portable
- 2 1/2 H.P. Briggs and Stratton Engine
- 1000 Watt Continuous Duty Rating

A compact, portable electric power plant for on-the-spot electricity anytime, anywhere. Features a permanent magnet alternator that gives you more power and trouble-free operation—no brushes, armature windings, belts, slip rings or commutators. Dependable Briggs and Stratton 2.5 H.P. 4-cycle engine gives easy-to-start, long-life service hour after hour. 1-gal. capacity fuel tank. Recoil starter. Integral receptacle; rubber shock-absorbing feet. Instruction book. Portable—only 63 lbs. Compact—15"H., 13 1/4"W., 13"D. 115 V, AC, 1000-watt rating. Shpg. wt., 70 lbs. ML-355WX Net 148.13

HEAVY-DUTY SUMP PUMP

- RUST-PROOF CAST ALUMINUM BASE
- RUST-PROOF SEAMLESS ALUMINUM COLUMN
- 3,920 GALLONS-PER-HOUR TO A 10-FT. HEAD



NO MONEY DOWN 3750

A rugged automatic electric pump with a dependable 1/2 HP motor with safety-designed overload protector. Features a plastic float, non-corrosive in any water; extra large separate screen to prevent clogging; vertical 1 1/4" discharge that eliminates base elbow. Lifetime guarantee on all moving parts (1-yr. guarantee on electrical components). Oilite base bearing for long life. Individual pressure plate to assure consistent water flow. Designed to operate at top performance:

Gallons Per Hour	Discharge Height
3,920	10-ft.
3,215	15-ft.
1,600	20-ft.
540	25-ft.

ML-297WX Shpg. wt., 25 lbs. Net 37.50

UNBREAKABLE PLASTIC "JERRY CAN"

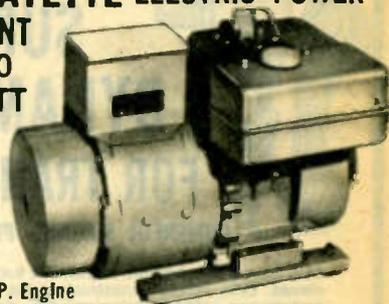
- For Gas, Water, Juice, Oil—Car, Boat, Barbecue, Lawn Mower
- Will Not Rust, Corrode, Break or Shatter
- Reversible, Self-storage Spout



.99

Lightweight, unbreakable plastic can ideal for carrying any liquid, for any use. Improved spout for easy pouring, reverses for self storage. Air vent for free pouring. Chemically inert, not affected by oil, acid, etc. Won't dent or break. Built-in carrying handle. 1-gallon size fits in refrigerator. AA-121 One-Gal. Size; Shpg. wt., 1 1/2 lbs. Net .99
AA-122 Three-Gal. Size; Shpg. wt., 2 lbs. Net 1.79

LAFAYETTE ELECTRIC POWER PLANT 1000 WATT



- 3-H.P. Engine
- 90-Day Parts Warranty
- Regulating Governor
- 1000 Watts Continuous
- 1250 Watts Intermittent

145⁵⁰

A compact, rugged direct coupled power plant. Supplies 115 V.A.C., 60 cycles at 1000 watts continuous, 1250 watts intermittent duty. The engine is a 3 h.p., 4 cycle, air cooled Briggs & Stratton. Operates on regular gasoline. Uses standard weight motor oils. Recoil manual start. Drip-proof, continuous duty, self excited, 2 pole, 3600 RPM generator. Pre-lubricated, sealed, ball-bearing commutator, mica insulated, 3 cycle maximum frequency variation, ± 5% voltage regulation. Gas consumption at 1000 watts; 0.2 gal. per hr.; at 1250 watts, 0.39 gal. per hr. Includes instructions, parts lists and 90 day parts warranty. Made in U.S.A. Shpg. wt., 70 lbs. VIA EXPRESS ONLY. ML-266WX Net 145.50

1750 WATT POWER PLANT

Delivers 115 V.A.C., 60 cycles at 1750 watts continuous duty, 2000 watts intermittent duty. Air-cooled, 4 H.P., 4 cycle Clinton engine, manual start. Uses regular gasoline and standard motor oils. The generator is a drip-proof, continuous duty, DC self excited, 2 pole, 3600 RPM, revolving armature type. Brushes adjustable. Pre-lubricated, sealed, ball bearing commutator. Max. frequency variation, 3 cycles ± 5% voltage. Duplex outlet, 0-150 V. A.C. meter. Includes instruction and parts manual and 90 day parts warranty. Made in U.S.A. Shpg. wt., 110 lbs. VIA EXPRESS ONLY. ML-267WX Net 194.50

2500/3000 WATT POWER PLANT

A heavy-duty power plant with all the "extra" features. 5 1/4 H.P., 4 cycle, air-cooled Briggs & Stratton ball bearing engine. Operates on regular gasoline and standard motor oil. Produces 2500 watts, 115 V.A.C., 60 cps, continuous duty; 3000 watts intermittent duty. Gas consumption is 0.65 gal. per hr. at 2500 watts. Fuel Tank holds 6 qts. Continuous duty, drip-proof, D.C. self excited generator. 2 pole, 3600 RPM, revolving armature. Pre-lubricated, sealed, ball bearing construction. Self-cooled via a centrifugal blower. Adjustable copper graphite brushes. Voltage regulation ± 5%. 3 cycle max. frequency variation. Voltmeter reads 0-150 V.A.C. Includes instructions, parts list and 90 day warranty. Made in U.S.A. Shpg. wt., 156 lbs. VIA EXPRESS ONLY. ML-268WX Net 279.95

DELRON SUBMERSIBLE PUMP

- Will Not Corrode or Rust
- Hermetically Sealed Motor
- For Circulating and Dispensing Water

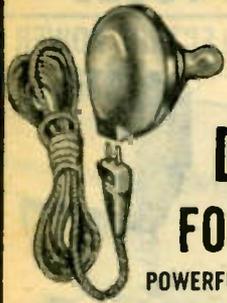


It's the all-new Delron aluminum pump for underwater use. Guaranteed not to corrode or rust; hermetically sealed motor. Circulates and dispenses water and mild-acid solutions for use in fountains, beverage dispensers, aquariums, photo developing, air conditioning, etc. Gallons per hour delivery: 240 @ 1 ft.; 180 @ 3 ft.; 125 @ 5 ft.; shut off @ 12 ft. Outlet 3/8"; inlet 1/2" pipe O.D.; height 4 1/2"; depth 4 1/2". 6 ft. safety cord. 115 V, 60 cy, AC, 49 watts load; .67 amps load. Shpg. wt., 3 3/4 lbs. ML-312 Net 12.75

WATERFALL KIT

Enchanting waterfall of cascading water constantly recirculated by electric pump. Gallons per hour delivery: 180 @ 1 ft., 140 @ 3 ft.; 100 @ 5 ft.; shut off @ 10 ft. Outlet 3/8"; inlet 1/2" pipe O. D. Load: amps .65; watts 43. No concrete needed; complete with instructions. Kit consists of pump, 8-ft. plastic hose, 7-ft. sealing poly, pump filter. Shpg. wt., 4 lbs. ML-311 Not Illustrated Net 15.88

MINIATURE EARPHONES AND ACCESSORIES



SUPER POWER DYNAMIC EARPHONE FOR TRANSISTOR CIRCUITS

POWERFUL MAGNET PROVIDES EXCEPTIONAL EFFICIENCY

This super-power dynamic earphone is not to be confused with run-of-the mill earphones. Extra efficient construction and a powerful magnet provides exceptional performance. Lafayette brings you this ideal solution to the problem of low output inherent in transistor circuits. You'll be amazed at the difference in volume when you use this dynamic earphone, as well as at its quality of reproduction. We have tested this item on all kinds of transistorized circuits, and this remarkably efficient earphone functioned so well that in many cases the program was distinctly heard with the earphone over 2 feet away from the ear! It is of course, not limited in use to low powered devices—it will give delightful performance wherever a high impedance dynamic earphone is required. AC impedance 7000 ohms, DC resistance 1500 ohms. Snap on earpiece readily removed for cleaning. Complete with 3 ft. detachable plug-in cord. Shpg. wt., 4 oz. Imported. MS-26D

Net 2.95



ECONOMY ALL-PURPOSE DYNAMIC EARPHONE

- For Transistor and Subminiature Receivers
- For Silent Radio and TV Listening

A sensitive all-purpose earphone designed with both your listening pleasure and pocketbook in mind. Extensive range and excellent tone combine, to provide excellent reproduction. Lightweight, equipped with a practically invisible ear support, that slips comfortably over either ear, from which the earphone can't slip out or fall. Ideal for use with TV and radio sets, amplifiers, miniature and transistor receivers, etc. Attractive unit with shiny chrome finish. Complete with a 3 ft. cord. A super value at this price. Shpg. wt., 5 oz. Imported. 6 ohm impedance, with subminiature phone plug. MS-591 3/16" Dia. plug Net .59 MS-960 Same as above with 3/16" dia. plug Net .59

Only
.59

Argonne

DYNAMIC EARPHONE

1.09

- NEW PATENTED FEATURES
- DETACHABLE PLUG-IN CORD
- FLEXIBLE PLASTIC SUPPORT
- TRANSPARENT CASE AND CORD
- EXCELLENT SOUND REPRODUCTION

Here is a sensitive dynamic earphone of exceptionally fine quality. This lightweight miniature earphone is convenient and comfortable to wear. A flexible polyethylene support holds the receiver securely in place for either ear. The practically invisible transparent cord is connected to the transparent cased earpiece by means of a special plug. Provides clear reproduction of music as well as speech—with a pleasing tone quality. Complete with 3-ft. cord. An efficient earphone which must be seen and heard to be appreciated! Shpg. wt., 5 oz. Imported.

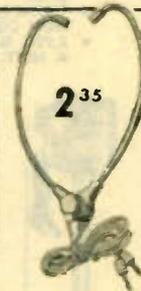
- AR-51—6-Ohm Impedance with phone tip plug. Net 1.09
- AR-50—3000-Ohm Impedance with phone tip plugs Net 1.19
- AR-47—6-Ohm Impedance with subminiature phone plug and matching phone jack. Net 1.29
- AR-46—3000-Ohm Impedance with subminiature plug and matching phone jacks Net 1.39



EXTENSION CABLE WITH MINIATURE PHONE PLUG & ADAPTER

.39

Perfect for extending earphone from transistor and portable radios. Extension up to 10 feet. Complete with miniature phone plug and adapter. Cable comes in attractive light pink color. Shpg. wt., 2 oz. Imported MS-590 Net .39



2.35

DYNAMIC Stereophonic HEADPHONES

- TRUE BINAURAL REPRODUCTION
- FREQUENCY RESPONSE 40-16,000 CPS
- MATCHED MAGNETIC AND CRYSTAL TRANSDUCERS
- EXCEPTIONALLY LIGHTWEIGHT
- 5 TYPES — MONAURAL AND BINAURAL

Take your choice of four stethoscope type headsets. Binaural or Monaural! High impedance or low impedance! Magnetic or crystal! Lafayette offers a complete selection. Binaural units are equipped with two separate and individual transducers and cord sets for true dual channel reproduction. Long the most widely accepted means of stereophonic listening. Both monaural and binaural units are extremely sensitive to insure the desired response. Sound is carried through crystal clear plastic tubes tipped with removable, plastic earpieces. Ingenious hinge device permits adjustment to any desired spacing. Less than 2 ozs. total weight for the utmost in listening comfort. Binaural sets may be used for monaural listening. Shpg. wt., 6 ozs. Imported.

BINAURAL HEADPHONES

- MS-431 Binaural-Magnetic-6 ohms impedance 2.35
- MS-432 Binaural-Magnetic-5000 ohms impedance 2.45

MONAURAL-MAGNETIC HEADPHONES

- MS-429 Monaural-Magnetic-6 ohms impedance 1.75
- MS-430 Monaural-Magnetic-5000 ohms impedance 1.95



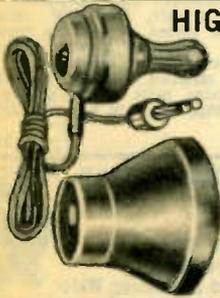
1.75

HIGH OUTPUT CRYSTAL EARPHONE

With Interchangeable Earpiece And Mouthpiece for Use As Crystal Mike!

High output crystal earphone with sanitary plastic ear-insert and 5 1/2" flesh-colored flexible cord and phone plug. Also makes an excellent crystal microphone—simply unscrew earpiece, screw on mouthpiece. Makes a highly sensitive high impedance mike with outstanding speech intelligibility. Recommended for all applications where a high impedance unit is required. Avg. shpg. wt., 8 oz. Imported. Crystal Earphone complete with subminiature phone plug and mouthpiece.

- MS-949 Net 1.09
- MS-111 Crystal Earphone with phone tips Net .89



NEW! "WHISPER" BONE-CONDUCTION PILLOW SPEAKER

Unusual New "Sonic Transducer" Cannot Be Heard At A Distance!

SOUND IS ACTUALLY CONDUCTED THROUGH YOUR PILLOW AND BONE TO THE INNER EAR. Not just another "pillow speaker", this patented new device produces sound vibrations which are heard best when conducted to the inner ear by a solid pathway, rather than air. No danger of disturbing others—even husband or wife asleep in the same bed! 2 1/2" diameter round ivory plastic case, only 3/8" thick for comfortable placement under pillow. Square metal "transducer" surfaces chrome plated with mirror-like finish for cleanliness and pleasing appearance. Connecting cable has light ivory insulation to be almost unnoticeable; 6' long and terminates in a miniature phone plug. Incorporates 3.2-4 ohm voice coil drive; supplied complete with jack and may be connected across any 3-4 ohm speaker voice coil or across any 3-4 ohm output transformer secondary in place of the speaker. Jack permits easy plugging into or removing from radio or phonograph or TV set. Excellent tone quality. Shpg. wt., 1/2 lb. Imported

- F-326 "Whisper" Pillow Speaker Net 2.25



2.25

CRYSTAL HEADSET

This new lightweight, under-the-chin crystal headset provides the utmost in listening comfort wherever a headset is used. This unit is characterized by a high sensitivity and is ideal for all applications where a very high impedance unit is required. This headset offers fine reproduction and comfortable listening in a lightweight design. Complete with 3 ft. cord and standard phone tips. Shpg. wt., 5 oz. MS-369 Imported Net 1.39

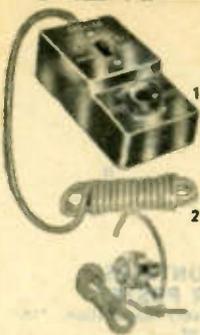


1.39

EARPHONES • HEADSETS • ACCESSORIES

REMOTE CONTROL FOR SILENT TV VIEWING

• SIMPLE TO ATTACH TO ANY TV SET OR RADIO • SEE AND HEAR—NOISELESSLY—CONVENIENTLY • LOOK AT THESE FEATURES!

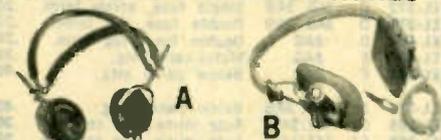


- FOR LATE LISTENERS:** One or two people can both see and hear the program with the loudspeaker cut off. Tops for enjoying the late show without disturbing the rest of the household or the neighbors.
- FOR HARD-OF-HEARING:** They can see and hear without turning the set volume so high that others can't stand the noise. They can listen either with the loudspeaker cut off or, if the rest of the family want to hear, with the speaker on.
- FOR NOISY PROGRAMS:** Don't let the kids' "Wild Westerns" bother you. Let them view and listen with the speaker off.
- FOR NORMAL OPERATION:** Does not affect your regular use of the T.V. set. Does not have to be disconnected from set.
- REMOTE CONTROL:** Comes complete with 20 ft. of cable so it can be operated comfortably from a distance. Has its own volume control, speaker on-off switch, and two sets of jacks so either 1 or 2 ear phones can be connected.
- DYNAMIC EAR PHONE:** Set is supplied with one of ARGONNE exclusive Hi-Fi dynamic miniature earphone. Highly sensitive and efficient. Phone is complete with 3 ft. cord and tips, ready to insert in control box.
- CONVENIENT:** Size only 3 7/8 x 2 1/4". Complete with 1 earphone and 20 ft. cable. Completely wired with instructions. Shpg. wt., 3 lbs.
MODEL MS-125 Net 6.50

EXTRA EARPHONE

- MS-591 Shpg. wt., 8 oz. Net .79
10' extension cord for above.
MS-590 Shpg. wt., 4 oz. Net .39

CLEVITE-BRUSH HEADPHONES



- Model BA-200-1 (Fig. A) Rugged, sensitive. Impedance, 45,000 ohms. Response, 100-8,000 cps. With 5' cord and headband and phone plug termination. Shpg. wt., 2 lbs.
ME-10 Net 16.90
- Model BA-200B. Same as above but wired for binaural use. Impedance, 90,000 ohms. With eyelet terminals.
ME-11 Net 19.11
- Model BA-215 Ear cushions. Foam cushions for all Clevite-brush phones except Model ED-300. Shpg. wt., 5 oz.
ME-18 Per Pair, Net 3.28
- Model BA-206. For ultimate hi-fi listening pleasure. Flat response 60-8,000 cps. Impedance, 50,000 ohms. Shpg. wt., 2 lbs. With eyelet terminals.
ME-15 Net 30.28
- Model BA-206B. As above but wired for binaural use. Impedance, 100,000 ohms. Shpg. wt., 2 lbs. Eyelet lugs.
ME-16 Net 32.54
- Model ED-300 Language Lab Headphones (Fig. B) Unmatched ability to withstand tough tests of student use and abuse. Lightweight. Removable ear cushions. Can be worn comfortably over glasses. Freq. response: 50-10,000 cps. Impedance: 50,000 ohms. Shpg. wt., 2 lbs.
ME-17 Net 27.44

LAFAYETTE SPECIAL



4000 OHM HEADSET DOUBLE MAGNET 1.59

A real bargain—the convenience and advantages of earphone listening at an especially low price. This is an extremely efficient, double headset with adjustable headband, for private listening or for greater intelligibility when there are distracting sounds and external noise. 4,000 ohms DC resistance. Has durable permanent magnets, removable earpiece and 3 1/2 feet of extension cord terminated with standard headphone tips. Shpg. wt., 12 oz. Imported
F-374 Net 1.59



PHONE AND SPEAKER CORDS 4 1/2 Feet Long

Sturdily made, with cotton braid insulation. 4 1/2 feet long. Avg. shpg. wt., 11 oz.
MS-35 Double type. 1 end spade tip, other straight .45
MS-36 Double type. Pin tips both ends .45
MS-37 Single type. Pin tips both ends .33



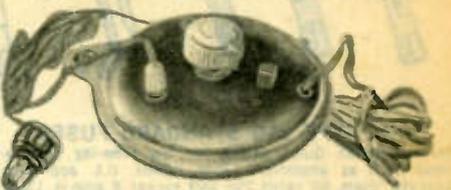
HEADPHONE CUSHIONS FOR ALL PHONES

Made of soft rubber for comfortable listening and for earphone protection. Fit all types of headphones. Shpg. wt., 1 lb.
MS-34 Pair .73 5 Pairs for 3.35

Trumbert "PRIVATE EAR"

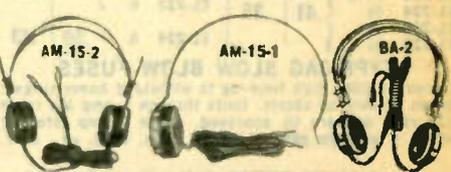
Remote Control Radio-TV/Earphone ADAPTER

• Operates Up To 2 Speakers and/or Earphones



Relax in the most comfortable spot in the room and enjoy the benefits of private listening to your TV, radio or phonograph. Connect one or two extension speakers or earphones and control the volume of each separately. 25 foot, flat, flexible extension cord on control unit. Includes earphone control unit and instructions.
MS-913 Imported Net 3.29
MS-591 Extra Earphone for "Private Ear" Net .79
MS-590 10 ft. Earphone Extension Cord Net .39

C. F. CANNON HEADPHONES AND ACCESSORIES



"CANNON-BALL" DOUBLE HEADSET

Low-priced, lightweight, with powerful Alnico V magnets and double coils. Adjustable steel headband. 4 1/2 ft. cord.
ME-30 AM-15-2—2000 ohms D.C. 2.14
ME-31 AM-15-3—3000 ohms D.C. 2.29
ME-32 AM-15-5—5000 ohms D.C. 3.09

"CANNON-BALL" SINGLE HEADSET

Single efficient phone with spring steel headband and 4 1/2 ft. cord. Shpg. wt., 1 lb.
ME-33 AM-15-1—1000 ohms D.C. 1.18
ME-34 AM-15-1500—1500 ohms D.C. 1.32

"CHIEF" HEADSET

Similar to above but all—bakelite phones, double coils, alnico magnets and vinyl headband.
ME-42 CC11-11 ohms D.C. Net 2.44

BRANDES "ADMIRAL" HEADPHONES

"Matched-tone" headset. Large diaphragms. Double coils, chrome steel magnets. Adjustable steel headband. 4 1/2 ft. cord. Shpg. wt., 2 lbs.
ME-35 BA-2—2000 ohms 2.53
ME-36 BA-3—3000 ohms 2.82
ME-37 BA-5—5000 ohms 3.53

BRANDES "SUPERIOR" HEADPHONES

"Matched-tone" headset of same general construction as the "Admiral" but with terminals on the outside.
ME-38 BS-2—2000 ohms 2.53

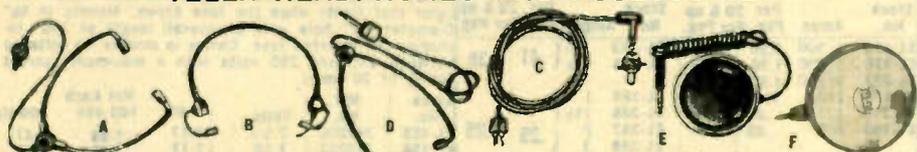
HEARING AID FOR RADIO

Headphone hearing device increases enjoyment for persons having difficulty hearing radio programs properly. Excellent for private listening. Connects to radio in a few minutes. With switch for listening to phones only, speaker only, or to both. Phones match loudspeaker coil.
ME-39 DC-2. Shpg. wt., 2 lbs. 4.70
ME-40 SP-1—Same but with single phone. Shpg. wt., 1 lb. 3.38
ME-41 K-4—3-way switch only. Shpg. wt., 8 oz. 1.85

TELEX MINIATURE PHONE PLUG AND JACK

1/2 the size of previous small plugs and jacks, yet with all the quality of precision workmanship. Plug is 1 1/2" long by 1/4" diameter. Jack can be mounted on any panel up to 1/8".
PJ-39 TELEX NO. PM01—PLUG. Shpg. wt., 4 oz.36
PJ-40 TELEX NO. JPM01—JACK (Closed Circuit). 4 oz.27
PJ-41 TELEX NO. JPM02—JACK (Open Circuit). 4 oz.27

TELEX HEADPHONES AND ACCESSORIES



TELEX MONOSET (Fig. A)

Under-the-chin lightweight headset for individual listening. Reduces head fatigue. Removable white plastic ear plugs for easy cleaning. Magnetic type. Weighs 1.2 oz. Complete with 5 ft. cord and standard phone plug.
ME-50 HMV-2—128 ohms Net 7.75
ME-51 HMY-2—2000 ohms Net 7.75

TELEX HI-FI DYNASET (Fig. D)

Sensitive HI-FI under-the-chin dynamic headset. 50-8000 cycle response to 25 MW. Midget 3/4" 6-ohm speaker built right into the plug. Light gray finish. Shpg. wt., 6 oz.
ME-61 HUP-01—6 ohms—Complete Net 8.33

TELEX CORD SETS (Fig. C)

All are 5 ft. cords without volume controls. All fit Monoset, twinset, and magnetic pillow speaker except * fits dynamic pillow speaker. Shpg. wt., 9 oz.
Plug Type Net

ME-56 CMM-2—Standard Phone Plug	2.34
ME-57 CMM-92—90° miniature phone plug	1.82
ME-58 CMM-98—Straight min. phone plug	2.04
ME-59 CMM-99—Extension cord	2.09
ME-60 CSD-2—Standard phone plug	2.34

TELEX TWINSET (Fig. B)

Banishes headachy ear pressure. Band rests on head and receivers set gently at temples; tubular sound arms pipe signal to ears. Only 1.6 oz. C.A.A. approved for pilots. Complete with 5 ft. cord and standard phone plug. Shpg. wt., 10 oz.
ME-54 HTL-2—64 ohms Net 14.12
ME-55 HTX-2—1000 ohm for pilot use (CAATC3R2-1) Net 14.12

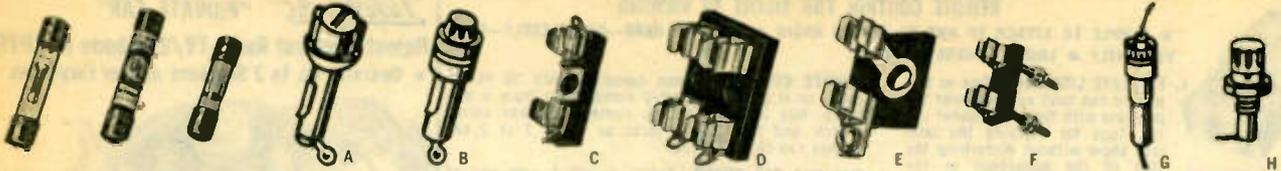
TELEX DYNAMIC PILLOW SPEAKER (Fig. E)

New dynamic miniature pillow speaker gives ultimate in tonal quality without distortion. For individual and institutional use. Stainless steel, moisture proof housing. Size: 3 3/4" dia., 1 1/4" max. thickness. With 5 ft. cord and standard phone plug. Shpg. wt., 8 oz.
ME-62 SDN-2A—3.2 ohm Net 6.18
ME-63 SDM-2A—10,000 ohm Net 9.22

TELEX MAGNETIC PILLOW SPEAKER (Fig. F)

Only 2 1/4" diameter and only 9/16" thick! Ideal for comfortable radio or television listening through a pillow in bed or in a chair without disturbing others. Maroon waterproof plastic. Complete with 5 ft. cord and standard phone plug. Shpg. wt., 8 oz.
ME-64 SMV-2A—125 ohms Net 5.46
ME-65 SMY-2A—2000 ohms Net 5.46

LITTELFUSE FUSES AND MOUNTS



TYPE 3AG STANDARD FUSES

Series 312000. Quick acting for low time-lag applications such as amplifiers—auto radios. U.L. approved. 1 1/4 x 1/4" diam. All rated 250 volt except 8 amp is 125V. 5 fuses per pkg. Shpg. wt., 6 oz.

Stock No.	Amps	Per 20 & up Pkg.	Per Pkg.	Stock No.	Amps	Per 20 & up Pkg.	Per Pkg.
EL-521	1/100	1.62	1.38	EL-227	1	.26	.22
EL-522	1/32	1.41	1.20	EL-228	1 1/2		
EL-217	1/4	.65	.55	EL-229	2		
EL-218	1/2						
EL-219	.15	.41	.35	EL-230	3	.24	.20
EL-220	.175						
EL-221	3/4	.33	.28	EL-231	4	.50	.43
EL-222	1/4						
EL-223	3/10	.29	.25	EL-232	1 1/2		
EL-224	1/2						
EL-225	3/4	.88	.75	EL-233	6		
EL-228	3/4						

TYPE 3AG SLOW BLOW FUSES

Series 313000. High time-lag to withstand heavy surges, blows quickly on shorts. Units through 5 amp are rated 125 volts and are UL approved, above 5 amp rated 32 volt. 5 fuses per pkg. 1 1/4 x 1/4" diam. Shpg. wt., 6 oz.

Stock No.	Amps	Per 20 & up Pkg.	Per Pkg.	Stock No.	Amps	Per 20 & up Pkg.	Per Pkg.
EL-235	1/100	1.21	1.03	EL-253	1	.88	.75
EL-236	1/32	.88	.75	EL-254	1 1/4	.82	.70
EL-237	1/4						
EL-238	1/10	.88	.75	EL-255	1 1/2		
EL-239	1/2						
EL-240	.15	.88	.75	EL-256	1 6/10	.65	.55
EL-241	.175						
EL-242	3/4	.88	.75	EL-257	2		
EL-243	2/10						
EL-244	1/4	.88	.75	EL-258	2 1/2	.65	.55
EL-245	3/10						
EL-246	3/4	.88	.75	EL-259	3		
EL-247	4/10						
EL-248	1/2	.88	.75	EL-260	3 2	.65	.55
EL-249	6/10						
EL-250	7/10	.88	.75	EL-261	4		
EL-251	3/4						
EL-252	8/10	.88	.75	EL-262	5	.65	.55
		.88	.75	EL-263	6 1/4	.65	.55
		.88	.75	EL-264	8	.65	.55
		.88	.75	EL-265	10	.65	.55
		.88	.75	EL-266	15	.65	.55
		.88	.75	EL-267	20	.65	.55
		.88	.75	EL-268	25	.65	.55
		.88	.75	EL-269	30	.65	.55

3AG STANDARD PIGTAIL FUSES

Series 318000. Designed for use in TV receivers and other applications where absolute economy in space is necessary. Rated at 250V. UL approved through 3 amps. 1 1/4 x 1/4" diam., pigtails 1 1/2" x 20 tinned copper wire. 5 fuses per pkg. 6 oz.

Stock No.	Amps	Per 20 & up Pkg.	Per Pkg.	Stock No.	Amps	Per 20 & up Pkg.	Per Pkg.
EL-305	1/4	1.13	.95	EL-312	1 1/2	.50	.43
EL-306	1/2	.83	.70	EL-313	2		
EL-307	3/4	.65	.55	EL-314	3		
EL-308	1						
EL-310	3/4	.50	.43	EL-315	4	.53	.45
EL-311	1						

32 VOLT AUTO FUSES

307000 Series Medium acting fuses designed for auto use. Sizes to S.A.E. specifications, length according to current to guard against over fusing. For Buss specify SFE. All 1/4" Diam. 5 fuses per pkg. Shpg. wt., 6 oz.

Stock No.	Amps.	Per Pkg.	20 & up Per Pkg.
EL-211	4	.19	.16
EL-212	6	.19	.16
EL-210	7.5	.17	.14
EL-213	9	.17	.14
EL-214	14	.15	.13
EL-215	20	.15	.13
EL-216	30	.20	.17

LIMITED CURRENT FUSES

Series 332000. Exact TV replacements. Fuses match holders for specific size ranges. Rated 250 volt through 6 amps and 125 volt above 7 amps. 5 fuses per pkg. Shpg. wt., 6 oz.

Stock No.	Amps	Per 20 & up Pkg.	Per Pkg.	Stock No.	Amps	Per 20 & up Pkg.	Per Pkg.
EL-318	1/2	1.35	1.15	EL-330	1 1/4	.29	.24
EL-319	3/4	.88	.75	EL-331	2		
EL-320	1/4	.68	.58	EL-332	2 1/2		
EL-321	3/4						
EL-322	1/4	.53	.45	EL-333	3		
EL-323	3/10						
EL-324	4/10	.41	.35	EL-334	3 1/2	.38	.33
EL-325	1/2						
EL-326	3/4	.29	.25	EL-335	4		
EL-327	1						
EL-328	1 1/4	.56	.48	EL-336	5		
EL-329	1 1/2						
		.59	.50	EL-337	6		
		.59	.50	EL-338	7		
		.59	.50	EL-339	8		
		.59	.50	EL-340	10		

SLOW BLOW LIMITED CURRENT FUSES

Series 333000. Exact TV replacement. Fuse matched to fuseholder. All rated 125 volts except 6 1/4 and 7 amp rated 32 volt. 5 fuses per pkg. Shpg. wt., 6 oz.

Stock No.	Amps	Per 20 & up Pkg.	Per Pkg.	Stock No.	Amps	Per 20 & up Pkg.	Per Pkg.
EL-341	1/100	1.26	1.08	EL-354	1	.91	.77
EL-342	1/32	.91	.77	EL-355	1 1/4	.82	.70
EL-343	1/4						
EL-344	1/10	.91	.77	EL-356	1 6/10		
EL-345	.15						
EL-346	2/10	.91	.77	EL-357	1 3/4		
EL-347	1/4						
EL-348	3/10	.91	.77	EL-358	2		
EL-349	4/10						
EL-350	1/2	.91	.77	EL-359	2 1/4	.79	.68
EL-351	6/10						
EL-352	3/4	.91	.77	EL-360	2 8/10		
EL-353	8/10						
		.91	.77	EL-361	3 2/10	.79	.68
		.91	.77	EL-362	3 3/4		
		.91	.77	EL-363	4	.79	.68
		.91	.77	EL-364	5		
		.91	.77	EL-365	6 1/4		
		.91	.77	EL-366	7		

TYPE 8AG INSTRUMENT FUSES

Series 361000. Designed for high-speed action to protect delicate electrical equipment. All rated at 250 volts, except 5 amp rated 32 volt. 5 fuses per pkg. 1 1/4 x 1/4" diam. 6 oz.

Stock No.	Amps	Per 20 & up Pkg.	Per Pkg.	Stock No.	Amps	Per 20 & up Pkg.	Per Pkg.
EL-375	1/500	4.29	3.65	EL-383	1/2	.41	.35
EL-376	1/200	1.79	1.53	EL-384	3/4		
EL-377	1/100	1.62	1.38	EL-385	1	.29	.25
EL-378	1/32	1.41	1.20	EL-386	1 1/2		
EL-379	1/16	.88	.75	EL-387	2		
EL-380	1/8	.65	.55	EL-388	3		
		.41	.35	EL-389	5		
		.41	.35				

3AG SLOW BLOW PIGTAIL FUSES

Series 315000. Widely used in TV receivers. Designed to withstand heavy surges and instantaneous peaks yet quick acting under short circuit. All rated 125 volt, UL approved through 3.2 amp. 1 1/4 x 1/4" diam., pigtails 1 1/2" x 20 tinned copper wire. 5 fuses per pkg. Shpg. wt., 6 oz.

Stock No.	Amps	Per 20 & up Pkg.	Per Pkg.	Stock No.	Amps	Per 20 & up Pkg.	Per Pkg.
EL-280	1/100	1.47	1.25	EL-293	3/4	1.09	.93
EL-281	1/32	1.09	.93	EL-294	8/10		
EL-282	1/4			1.09	.93	EL-295	1
EL-283	1/10						
EL-284	.15	1.09	.93	EL-296	1 1/4	1.03	.88
EL-285	3/4						
EL-286	2/10	1.09	.93	EL-297	1 1/2		
		1.09	.93	EL-298	1 6/10		
		1.09	.93	EL-299	2		
		1.09	.93	EL-300	2 1/2	.88	.75
		1.09	.93	EL-301	3		
		1.09	.93	EL-302	3 2		
		1.09	.93	EL-303	4		
		1.09	.93	EL-304	5		

LITTELFUSE MOUNTINGS AND EXTRACTOR POSTS

Mounts and fuse holders for every application. *Includes fuse. Avg. shpg. wt., 3 oz.

No.	Fig.	For Fuses	Description	Net Ea.
EL-367	A	3AG, 3AB	Panel mount, screw slot	.42
EL-368	B	3AG, 3AB	Panel mount, finger knob	.42
EL-399	A	8AG	Panel mount, screw slot	.42
EL-400	B	8AG	Panel mount, finger knob	.42
EL-374	C	3AG, 3AB	Single fuse, lug terminal	.14
EL-403	C	8AG	Single fuse, lug terminal	.14
EL-372	C	3AG, 3AB	Single fuse, screw term.	.28
EL-373	D	3AG, 3AB	Double fuse, lug term.	.27
EL-404	D	8AG	Double fuse, lug term.	.28
EL-402	E	8AG	Meter-back mtg.	.25
EL-401	F	8AG	Below panel mtg.	.40
EL-371	F	3AG, 3AB	Below panel mtg.	.40
EL-205	G*	SFE(9A)	Auto inline fuse retainer	.30
EL-206	G*	SFE(14A)	Auto inline fuse retainer	.30
EL-207	G*	SFE(20A)	Auto inline fuse retainer	.30
EL-369	H	3AG	Minia. fuse extractor post	.35

Fig. J Fig. K Fig. L Fig. M



MINIATURE 3AG FUSE EXTRACTOR POSTS

Shortest 3AG fuse posts. Test Post hole in knobs. UL approved. Body and Knob meet MIL-P-14E type CFG. Rated at 15 amps, 250 volts. Fig. A, B has straight bottom terminals, behind panel length 1 1/2". Fig. C, D has right angle bottom terminal behind panel length 1 1/4". Fig. A, C has knurled knobs. Fig. B, C has fluted knobs. Shpg. wt., 3 oz.

Stock No.	Mfg. No.	Fig.	1-99	NET EACH	100-499	500 Up
EL-370	342012	J	.31	.27	.216	
EL-460	342014	K	.31	.27	.216	
EL-520	342022	L	.37	.32	.25	
EL-462	342004	M	.37	.32	.25	



3AG INDICATING FUSE POSTS

Series 344000 Fuse holder with footproof neon indicator that lights when the fuse blows. Mounts in 3/8" Diameter "D" hole with an overall length of 2 3/8" including the inserted fuse. Comes in models for voltages between 2 1/2 and 250 volts with a maximum current rating of 20 amps.

Stock No.	Mfr. No.	Volts	1-99	Net Each	100-499	500-Up
EL-495	344006	2.5-7	2.17	1.85	1.47	
EL-456	344012	7-16	2.17	1.85	1.47	
EL-457	344024	16-32	2.17	1.85	1.47	
EL-458	344125	90-125	1.33	1.13	.90	
EL-459	344250	200-250	1.33	1.13	.90	

TYPE 3AB FUSES

Series 31400. Steatite enclosed, ARC-Quenching Powder filled fuses. Will not shatter against quick shorts. Medium time lag, types through 15 Amp UL approved. All 250 Volt except 30 amps 125 volt. 1 1/4 x 1/4" Dia. 5 fuses per pkg. Shpg. wt., 6 oz.

Stock No.	Per 20 & up Pkg.	Per Pkg.	Stock No.	Per 20 & up Pkg.	Per Pkg.		
EL-270	1	.56	.48	EL-275	10	.53	.45
EL-271	2						
EL-272							

FUSES—SWITCHES—TIMERS

LITTELFUSE PRODUCTS

MEDIUM LAG FUSES

362000 Series Littelfuses — Medium lag fuses designed to standard N.E.C. blowing specifications. This smaller fuse is used in situations where size is a factor because of space limitation or the need to differentiate physically between two fuses in close proximity. 5 fuses per pkg. U.L. approved Shpg. wt., 6 oz.

Stock No.	Amps	Per Pkg	20 & up Per Pkg	Stock No.	Amps	Per Pkg	20 & up Per Pkg
EL-390	1/4	56	.48	EL-394	1		
EL-391	1/4			EL-395	1 1/2	25	.22
EL-392	3/4			EL-396	2		
EL-393	1/2	.41	.35	EL-397	3		
EL-461	3/4			EL-398	5	.17	.14

EUROPEAN EQUIPMENT FUSES

Used in European instruments, tape recorders, Radios, Hi-Fi equipment and Hicock test equipment. 5x20 mm. Rated at 250V. 5 fuses per pkg. Shpg. wt., 6 oz.

271 Series Standard Fuse

Stock No.	Amps	Per Pkg	20 & up Per Pkg	Stock No.	Amps	Per Pkg	20 & up Per Pkg
EL-208	1/2	.88	.73	EL-209	1 1/2	74	62

Type F 212 Series Standard Fuse

EL-463	1/4	1.32	1.13	EL-468	1 1/4		
EL-464	1/4			EL-469	2		
EL-465	1/2	1.00	.85	EL-470	4	.82	.70
EL-466	8/10			EL-471	6		
EL-467	1	.82	.70				

Type T 213 Series S10 Blow Fuse

EL-472	1/4	1.00	.85	EL-475	2		
EL-473	1/2			EL-476	4	1.00	.85
EL-474	1						



BUSS FUSE MOUNTINGS

Convenient methods for mounting fuses on equipment, radio, TV, instruments, etc. Fuses easily replaced. 6 oz.

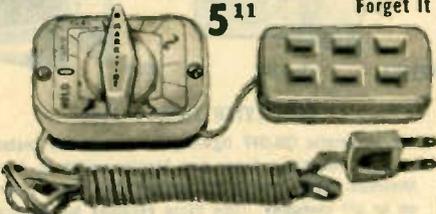
Stock No.	Buss. #	For	Net Ea.	Stock No.	Buss. #	For	Net Ea.
EL-182	HPC	5AG	.49	EL-180	HJM	8AG	.31
EL-179	HCM	4AG	.45	EL-183	4405	3AG	.14
EL-181	HKP	3AG	.31	EL-184	4408	3AG	.27



SNAP-ON FUSE HOLDER

For fast replacement of pigtail fuses. One side of dual holder clips on to blown fuse. New fuse fits into other side. MS-259 wt., 4 oz. Each 8c 10 for 70c

NEW! TIMED EXTENSION CORD Set It and Forget It



- Automatic Time Switch & Extension Cord + 3-Way Outlet
- Controls up to 3 Appliances at Same Time
- Reduces Electric Bills

A 3-way combination for every home — an automatic time switch, extension cord, convenient outlet. 0-4 hour time cycle. Easy to operate — plug it into any wall outlet, connect one, two or three devices to be controlled, and turn the knob to the time period desired. At the end of this time period, the electricity is turned off automatically. 6-foot cord. Shpg. wt., 2 lbs. MS-841 Net 5.11

INDICATING FUSE POST

.89



Foolproof neon indicator—lights when fuse is blown. For 1 1/4" (3AG, AGC, etc.) fuses. For use in 100 to 250 volt circuits. Mounting centers—1" 2" behind panel with fuse in 3/4" mounting hole. Shpg. wt., 1 oz. EL-90 1-9, ea. .89, 10-up, ea. .80



MICROFUSES

New sub-miniature microfuses designed where space is critical. Ideal for printed circuits. Rated up to 125 volts. Size 3/16" dia x 1/32", 5 fuses per pkg. Shpg. wt., 1 oz.

Pigtail type 278000 Series Fig. A

Stock No.	Amps	Per Pkg	20 & up Per Pkg	Stock No.	Amps	Per Pkg	20 & up Per Pkg
EL-489	1/500			EL-510	1/2		
EL-490	1/200	5.05	4.17	EL-511	6/10	4.22	3.48
EL-491	1/100			EL-512	7/10		
EL-492	1/32			EL-513	8/10		
EL-493	1/20			EL-514	1		
EL-494	1/16			EL-515	1 1/2		
EL-495	1/10			EL-516	2		
EL-496	2/10	4.22	3.48	EL-517	3	4.22	3.48
EL-497	1/4			EL-518	4		
EL-498	3/10			EL-519	5		
EL-499	4/10						

Plug-In Type 272000 Series Fig. B

Stock No.	Amps	Per Pkg	20 & up Per Pkg	Stock No.	Amps	Per Pkg	20 & up Per Pkg
EL-477	1/500			EL-500	1/2		
EL-478	1/200	5.05	4.17	EL-501	6/10	4.22	3.48
EL-479	1/100			EL-502	7/10		
EL-480	1/32			EL-503	8/10		
EL-481	1/20			EL-504	1		
EL-482	1/16			EL-505	1 1/2		
EL-483	1/10			EL-506	2		
EL-484	2/10	4.22	3.48	EL-507	3	4.22	3.48
EL-485	1/4			EL-508	4		
EL-486	3/10			EL-509	5		
EL-487	4/10						

Sub-Miniature Fuse Holder Fig. C

For 272000 Series. Easy chassis or P.C. mount. With spring nut. Shpg. wt., 1 oz. EL-488 Type 281001 100-Up Net ea. .21 1-99 Net ea. .25

5AG STRAIGHT-ELEMENT FUSES

Series 517 000. Specifications same as 4AG straight-element fuse except size which is 1 1/2" L x 3/8" Dia. 5 fuses per pkg. Shpg. wt., 6 oz.

Stock No.	Amps	Per Pkg	20 & up Per Pkg	Stock No.	Amps	Per Pkg	20 & up Per Pkg
EL-445	1			EL-450	10		
EL-446	2	.53	.45	EL-451	15	.50	.43
EL-447	3			EL-452	20		
EL-448	4			EL-453	25	.50	.43
EL-449	5	.50	.43	EL-454	30		

PHOSPHOR BRONZE FUSE CLIPS

Bright nickel plate with fuse stop ears. 10 clips per package. Shpg. wt., 4 oz.

Stock No.	Little-fuse #	For Fuse Types	Net Per 10	Per 10-Up
EL-200	101001	SFE, 3AG, 3AB, 8AG	.17	.14
EL-201	103001	4AG, 4AB	.31	.26
EL-202	105001	5AG Hi Volt—Widget	.40	.34
EL-203	107001	N.E.C.—30 Fuses	.60	.54
EL-204	109001	Standard Hi-Voltage	1.47	1.23

4AG SLOW BLOW FUSES

Series 41300. Designed to meet Aircraft Vibration test requirements. Units through 3-2/10 amp are rated at 250 volt. Above 3-1/10 amp rated at 32 volt. 5 fuses per pkg. 1 1/4" L x 1/2" Dia. Shpg. wt., 6 oz.

Stock No.	Amps	Per Pkg	20 & up Per Pkg	Stock No.	Amps	Per Pkg	20 & up Per Pkg
EL-405	1/10			EL-419	2 1/2		
EL-406	.15			EL-420	3		
EL-407	2/10	1.15	.98	EL-421	3-2/10	.88	.75
EL-408	1/4			EL-422	4		
EL-409	3/10			EL-423	5		
EL-410	4/10			EL-424	6 1/4		
EL-411	1/2			EL-425	8		
EL-412	6/10	1.15	.98	EL-426	10	.88	.75
EL-413	3/4			EL-427	15		
EL-414	8/10			EL-428	20		
EL-415	1			EL-429	25	.88	.75
EL-416	1 1/4	1.15	.98	EL-430	30		
EL-417	1-6/10						
EL-418	2						

4AG STRAIGHT-ELEMENT FUSES

Series 41700. Medium lag fuses for applications where a larger size fuse is desirable and vibration is not a factor. All rated 32 volt except 1, 2 and 3 amp rated 250 V. 5 fuses per pkg. 1 1/4" L x 1/2" Dia. 6 oz.

Stock No.	Amps	Per Pkg	20 & up Per Pkg	Stock No.	Amps	Per Pkg	20 & up Per Pkg
EL-433	1			EL-439	20		
EL-434	2	.41	.35	EL-440	25	.38	.33
EL-435	3			EL-441	30		
EL-436	5			EL-442	35	.41	.35
EL-437	10	.38	.33	EL-443	40		
EL-438	15						



MINI BREAKER

- U.L. APPROVED — NOT A FUSE — A TRUE CIRCUIT BREAKER
- DON'T REPLACE — JUST RESET

Lifetime circuit protection—fits in standard edison base fuse receptacle! Trips instantly on overload. Never needs replacing—just reset! Built in line load handles temporary starting leads and line surges. Available in 5, 10, 15, 20 or 30 amps. State amperage required. Shpg. wt., 2 oz. Net each 1.26 Lots of 4, each 1.13



BUSS FUSETRON

DUAL-ELEMENT FUSES

Contains both a thermal cutout and fuse to withstand heavy starting surge currents yet protect on dangerous overloads or short circuits. For 125V. Four fuses per pkg. Shpg. wt., 5 oz. per pkg. Shpg. wt., 6 oz.

Stock No.	Buss. #	Rating Per Amp Pkg.	Stock No.	Buss. #	Rating Per Amp Pkg.
EL-176	T-20	20 .29	EL-177	T-25	25 .29
EL-175	T-15	15 .29	EL-178	T-30	30 .29



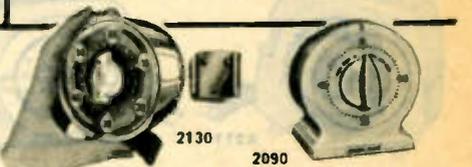
TIME SWITCHES FOR WALL BOX INSTALLATION

A dependable and versatile time switch to automatically turn off attic fans, porch and garage lights, window lights, heating units, etc. at any preset time. Has special HOLD feature: turn of a knob cuts out timing mechanism and allows unit to be used as a regular toggle switch. Capacity 20 amps, 125 volts AC. Satin-chrome dial 4 1/2" H x 3" W; switch 2 1/2" H x 1 3/4" W x 1 1/4" D. Fits any standard rectangular wall box. Shpg. wt., 3 lbs.

- MODEL 9024—time range up to 1 hour Net 5.52 MS-135
- MODEL 9015—time range up to 12 hours. Shpg. wt., 3 lbs. Net 5.52 MS-136

MODEL 78174 PHOTOGRAPHIC TIME SWITCH

- UP TO 60 SECONDS AUTOMATIC CONTROL
 - FOR AMATEUR AND PROFESSIONAL USE
- It's easy to control accurate timing on photographic developers, enlargers, and photo copy equipment by plugging them into the convenience outlet on this inexpensive unit. Adjustable stop makes repeated settings—even in total darkness—easy and foolproof. Times up to 60 seconds, then automatically shuts off current. May also be used as "on-off" switch when timing is unnecessary. Rated 10 amps—125 volts—A.C. UL and CSA Inspected. Shpg. wt., 3 lbs. Net 6.57 MS-714



MODEL 2130 PORTABLE 2-SPEED PRECISION TIMER

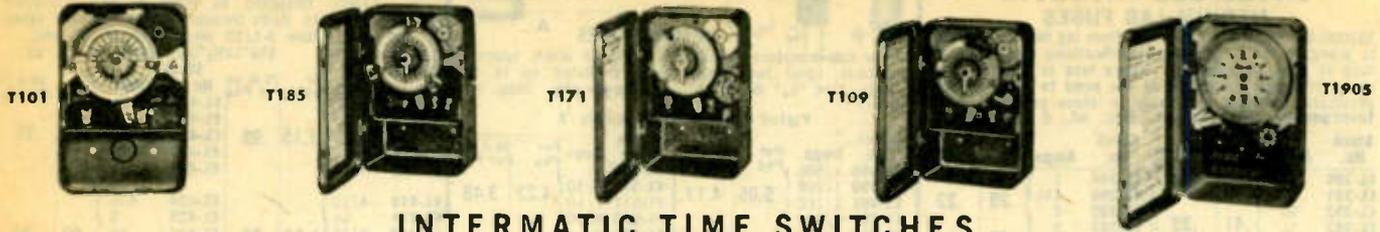
- TWO TIMERS FOR THE PRICE OF ONE!
- FOR PRECISE 1 SECOND TO 1 HOUR TIMING IN THE HOME, OFFICE AND LABORATORY

Indispensable for timing precise, short operations such as boiling eggs, pressure cooking, heat and sun lamp treatment, home permanents, photo developing and printing, long distance calls, etc. Times up to 6 minutes in seconds and up to 1 hour in minutes. Exclusive 2-speed feature permits instant timing speed change by flick of a lever. A clear, resonant bell sounds at end of timing period. Can be attached to any surface with handy wall bracket supplied or can stand upright. Smartly styled in white with dial face a rich copper tone. 4x2 1/2". Shpg. wt., 2 lbs. Net 4.54 MS-294

MODEL 2090 UTILITY HOUSEHOLD TIMER

- OEPENAOBLE 1 MINUTE TO 1 HOUR TIMING
- This reliable, low-priced timer in a neat durable white plastic case has innumerable household timing uses, i.e., cooking, baking, home permanents, games, remembering appointments, TV and radio programs, etc. Attractive modern design. Times any interval up to one hour accurately and gives resonant bell signal at end of period. Large easy to set and easy to read dial. 3 1/2" x 3 1/2". Shpg. wt., 1 1/4 lbs. Net 2.90 MS-295

TIMERS for HOME OFFICE & INDUSTRY



INTERMATIC TIME SWITCHES

TYPE T101 TIME SWITCH

Turns equipment "on" and "off" once in 24 hours, or from one to twelve "on" and "off" operations a day can be obtained by use of extra trippers. Extra trippers can be added without removing dial. Min. on or off time 1 hr., max. on or off time 23 hours. Can be turned on or off manually with reset SPST switch rated at 35 amps. 4000 watt capacity. Alloy "T" contacts carry incandescent lighting loads with inrush surge of over 8 times normal rating. Almost immune to pitting, arcing, sticking. Has convenient mounting holes and knockouts. Large numbers—easy to set. Gray steel case—hinged door—can be locked or sealed. UL approved. Operates on 110 volt 60 cycle AC only. Size 7 $\frac{3}{4}$ x5x3" D. Shpg. wt., 4 lbs.

- MS-82 Lots of 6 ea. 7.17 Singly ea. 7.77
- P-101 Similar to T101 except case is equipped with 6 ft. cord set for plug-in and receptacle. Capacity 1250 watts. Shpg. wt., 6 lbs.
- MS-360 Lots of 6, ea. 8.37 Singly, ea., 9.07

TYPE T185 TIME SWITCH

- UP TO 14 COMPLETE "ON-OFF" CYCLES
- EACH CYCLE INDIVIDUALLY ADJUSTABLE FOR 5 TO 60 MINUTE OPERATION • 4000 WATT CAPACITY

Versatile timer for applications where multiple "on-off" cycles of 5 to 60 minutes are required within a 24 hr. period. A minute selector is provided on each specially designed tripper for setting the number of minutes, (5 to 60), the "on-off" cycle will operate. Up to 14 trippers can be used at the same time. Minimum interval between start of each cycle, 1 $\frac{3}{4}$ hrs. rated 35 amps. 125 volts, AC. Special alloy "T" contacts. High-torque slow-speed dependable precise timing motor. Gray steel case 7 $\frac{7}{8}$ x5x3". With 3 trippers (for 2 "on-off" cycles). For 110-125 volts, 60 cycles. AC. Shpg. wt., 4 lbs.

- MS-143 lots of 6 ea. 10.77 Singly ea. 11.67
- Extra Trippers for above. One Tripper for each additional "on-off" cycle. Wt. 4 oz.
- MS-144 Net .84

TYPE T171 "SKIPPER" TIME SWITCH

- SKIPS OPERATIONS ON SELECTED DAYS
- 4000 WATT CAPACITY

An ingenious time switch that not only automatically turns equipment on or off, but will skip operations on any selected days. Ideal where offices or factories are closed on Saturdays, Sundays or Holidays. Turns "on and off" once every 24 hours with single set of trippers supplied, but up to 11 on and off operations can be had by adding extra trippers listed below. Supplied with 3 skipping screws; more can be added. Also has 1 cutout tripper which advances day dial automatically. Special alloy "T" contacts will carry incandescent lighting loads with inrush surge of more than 8 times normal rating. Almost immune to pitting, arcing, sticking. Min. on or off time 1 hour, maximum 23 hours. Size 7 $\frac{7}{8}$ x5x3". Shpg. wt., 4 lbs. For 110-120V 60 cycle AC operation S.P.S.T.—Skips "ON" Operation.

- MS-130 Lots of 6, ea. 10.17 Singly ea. 10.02
- Type T175—Single Pole Double Throw. Opens one circuit and closes another. Skips either "ON" or "OFF" operation. Shpg. wt., 4 lbs.

- MS-146 Lots of 6, ea. 11.37 Singly ea. 12.32
- Type P171—Portable Plug-in version of Type T171 Switch. SPST. Capacity 1250 watts (contacts 10 amps). Shpg. wt., 6 lbs.

- MS-361 Lots of 6, ea. 11.37 Singly ea. 12.32

TYPE T109 POULTRY TIME SWITCH

Prolongs daylight in winter and fall. Gives you additional eggs when egg prices are highest. Designed for morning and evening lighting or evening lighting alone. Provides automatic 20-minute "dimming" period after bright lights go "off" enabling hens to reach roost safely. Controls one circuit for bright lights, another circuit for dim lights. Capacity: "Bright"—3000 watts (24 amperes at 125 volts), "Dim"—1000 watts (8 amperes at 125 volts). Gray steel case 7 $\frac{7}{8}$ x5x3". For 110 to 125 volts, 60 cycle, AC. Shpg. wt., 4 lbs.

- MS-145 Lots of 6, ea. 8.37 Singly ea. 9.07

SWITCH ACCESSORIES

TRIPPERS—Set of ON-OFF units (one of each) for all models except T-185, G-8301-S, V-21003, T1101, P961 and P965, T1905 and P1971. Net 26
MS-83 per set. Shpg. wt., 2 oz. Net 26

COMB. ON-CUTOFF TRIPPER. For "Skipper" types only. MS-134 Shpg. wt., 2 oz. Net .18

SKIPPING SCREW. For "Skipper" types only. MS-133 Shpg. wt., 2 oz. Net .04

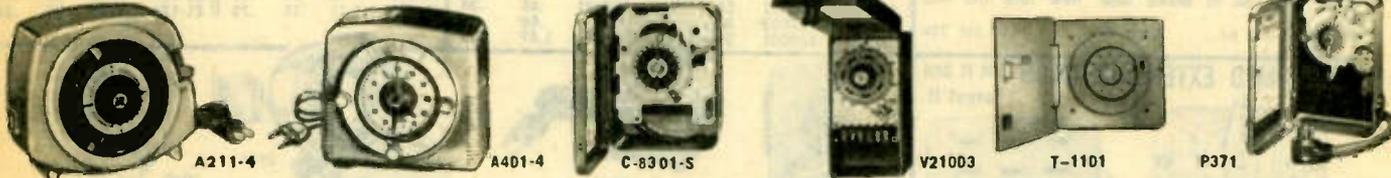
Supervisor

PROGRAM TIME SWITCH TYPE T1905

- FOR 1 TO 96 ON-OFF OPERATIONS EVERY 24 HOURS

An exceptionally useful program timer designed for 24-hour control of applications requiring many ON-OFF operations in 15-minute increments. Can be set for as many as 48 ON and 48 OFF operations of 15-minute duration during any 24-hour period. Minimum "ON" or "OFF" period is 15 minutes; maximum "ON" or "OFF" period is 23 hours 45 minutes. Ideal for control of heating, air-conditioning, ventilating, programming music, oil-well pumping, poultry feeders, process timings, etc. To set schedule simply depress the proper permanently-attached trippers that slide in and out of dial for fast, accurate setting. Dial is black on yellow for full, easy visibility. Mechanism readily removable from case by pressing single spring clasp. Constructed for easy installation. Single Pole Single Throw—normally open switch. Contacts rated to handle 20 amps at 125 volts 60 cycle AC. Repeats cycle without resetting. For 105-125V, 60 Cycle AC. 7 $\frac{3}{4}$ x5x3". Shpg. wt., 4 lbs. MS-950—Lots of 6, ea. 16.77 Singly, ea. 18.17

Type P1971—Portable Plug-in version of Type T1905. Contacts rated 10 amps at 125 volts—60 cycle AC. Shpg. wt., 6 lbs.
MS-951 Lots of 6, ea. 22.77 Singly, ea. 24.67



INTERMATIC TIMERS MODEL A211-4 TIME-ALL

• THE AUTOMATIC TIMER WITH THE MIRACLE MEMORY Makes practically everything electrical completely automatic. Will handle load up to 1650 watts. Turns radio on and off—does not have to be reset each night. Defrosts refrigerator—turns lights on and off—controls roaster, electric blanket, washing machine, coffee makers, vaporizers, etc. 30 min. minimum on time—23 hours maximum. As easy to set as an electric clock. Stands on any surface—can be hung on wall. Easy-to-read 24 hour "day and night" dial. Operates day after day without attention. Special alloy "T". Can be controlled manually without automatic reset. Plug-in receptacle for equipment to be controlled. For 110 volt 60 cycle AC only. Complete with 6 ft. cord and plug. Instructions included. 5x4x2 $\frac{1}{2}$ ". Shpg. wt., 2 lbs.

- MS-81 Lots of 6, ea., 7.17 Singly, ea., 7.97
- MODEL A221-4 TIME-ALL Similar to A211 except has capacity of 875 watts. Shpg. wt., 2 lbs.
- MS-359 Lots of 6, ea., 8.57 Singly, ea., 7.29

MODEL A401-4 CLOCK TIMER

Not only tells time, but turns appliances both on and off automatically for periods of 15 minutes to 5 $\frac{1}{2}$ hours. Cooks dinner while you're away, wakes you to music, controls electric fans, heaters, radios, TV sets, etc. No installation problem—just plug it in and set. Capacity 1650 watts. Special alloy "T". Plaskon case 4 $\frac{3}{4}$ x4 $\frac{1}{2}$ x2 $\frac{1}{4}$ " D. 6 ft. cord. For 110V 60 cycle AC. Guaranteed for 1 year. Shpg. wt., 3 lbs. Price includes excise tax.

- MS-104 Lots of 6, ea., 7.88 Singly, ea., 8.77

"SKIPPER" AIR CONDITIONER TIMER TYPE P371

Portable plug-in timer to automatically turn on or off room air conditioners of 1 HP rating or less. May be set to skip any of seven days. SPST operation rated 15 amperes. For 110-125 volt 60 cycle AC. For single phase 2 wire systems with or without grounding wire. 7 $\frac{3}{4}$ x4x5w3"D. Gray hammertone finish. With cord set, universal receptacle and 2 to 3 wire adapter. Shpg. wt., 4 $\frac{1}{2}$ lbs.

- MS-812 Lots of 6, ea. 11.97 Singly ea. 12.97
- MODEL P372. Same as above but for 220-250 volt 60 cycle AC. No adapter and 3 prong receptacle. Shpg. wt., 4 $\frac{1}{2}$ lbs.
- MS-813 Lots of 6, ea. 11.97 Singly ea. 12.97

CYCLER TIMER TYPE C-8301-S

Up to 12 sets of ON-OFF trippers may be used to provide repeated operations. ON operations may range from 10 seconds to 11 minutes, 10 seconds, OFF operations from 50 seconds to 11 minutes, 50 seconds. Dial makes complete revolution every 12 minutes. By varying the settings of trippers a vast number of operations are possible. Ideal for ventilating fans, pumps, process timings etc. SPST, rated at 12 amp. For 110-125v. 60 cycle AC. Case 6 $\frac{1}{2}$ x5x3" with 2 comb. knockouts on bottom. Shpg. wt., 2 $\frac{1}{2}$ lbs.

- MS-814 Lots of 6, ea. 8.67 Singly ea. 9.39
- EXTRA SET ON-OFF TRIPPERS FOR C-8301-S
- MS-815 Shpg. wt., 2 oz. Net .48

LAMP-LYTER TYPE T-1101

For automatic ON-OFF lighting control. Easily installed in wall. Combines timer and toggle switch in 1 unit. Minimum "ON" time is 30 minutes. Can also be turned on or off manually. Time cycle resumes automatically. SPST operation, rated at 15 amps, 1650 watts, $\frac{1}{2}$ HP. For 110-125V AC, 60 cycle. Attractive design. Cover has magnetic lock, concealed hinges. Cover is 6 $\frac{1}{2}$ x6 $\frac{1}{2}$ ", wall box 5x5x2 $\frac{1}{8}$ " with comb. $\frac{1}{2}$ - $\frac{3}{4}$ " knockouts on each side, top and bottom. Shpg. wt., 4 lbs.

- MS-811 Net 14.27

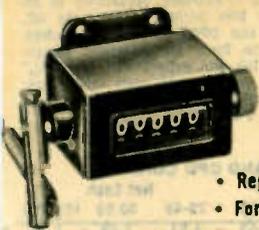
7 DAY PROGRAM TIMER TYPE V21003

Provides automatic operation preset for each day of week. Can have different settings for each day and skip selected days. Minimum ON-OFF operation 2 hours any day or night. Black case 10 $\frac{1}{2}$ x5x4 $\frac{1}{4}$ ". $\frac{3}{4}$ " knockouts in sides, back and bottom plus 1" knockout on bottom. DPST operation. Rated 20 amps per pole. For 110-125 volt 60 cycle AC. With 7 sets trippers. Shpg. wt., 6 $\frac{1}{2}$ lbs.

- MS-816 Lots of 6, ea. 22.17. Singly ea. 24.02
- UNIVERSAL ON-OFF TRIPPER FOR V21003
- MS-817 Shpg. wt., 2 oz. Net .33

SPECIALTIES-RELAYS-TIMERS-COUNTERS-MOTORS

1-DIGIT STROKE-ACTUATED RESET COUNTER



269

- Registers up to 99,999
- For Machine Mounting
- Complete with Arm and Spring

Easy-to-mount rugged counter for counting machine operations. One count per stroke. Drilled mounting flange; actuating arm and spring. May be manually or solenoid actuated. Reads up to 99,999; side knob easily resets to zero from any number. Overall size: 2 1/2 x 1 1/4 x 1 3/8". Shpg. wt., 1/2 lb. Imported

F-190 Reset Counter Net 2.69

6-DIGIT ELECTRIC COUNTER



995

- Registers from 1 to 999,999
- Compare to \$20.00 Units!
- Ideal for Industrial Use

Imagine a 6-digit electric counter for only 9.95! This compact unit features a removable front plate for easy panel mounting. May be actuated by any switch, relay, etc. Operates in any position. White figures on a black background read up to 999,999. Built-in selenium rectifier, DC operated solenoid, chrome-plated case and panel, 3" leads 110V, AC, 50/60 Cycles. Size: 2 1/2 x 2 x 1 3/4" front plate 3 3/8 x 2". Shpg. wt., 1 1/2 lbs. Imported

F-553 Electric Counter Net 9.95

MULTI-COUNTER 5-POSITION TALLY REGISTER



1095

- Five 3-Digit Hand Tally Registers in One Case
- Counts 0-999

Five plunger operated tally registers in a single highly polished chromium plated case. Ideal for (1) laboratory use (2) time & motion studies (3) production control. Each 3-digit register counts up to 999. Easy-to-read numerals. Large knurled reset knob on side returns all 5 positions to zero simultaneously. Overall size: 5 1/4 x 1 7/8 x 1 3/8" D. Shpg. wt., 1 1/2 lbs. Imported.

F-934 Net 10.95

POCKET TIMER

Set It and Forget It

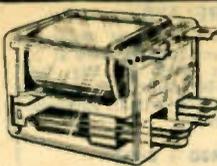
295

- Set Timer Up to 60 Minutes
- Swiss Precision Watch Movement
- Hairline Accuracy
- Hundreds of Uses



The new pocket timer is an invaluable aid for most anyone, anywhere. With its 60 minute time set, it can be used as a reminder when parking meter time runs out, for appointments, take pills or medicines, etc. Also use as a timer on phone calls, cooking, photography, etc. Shpg. wt., 1/2 lb. Imported

MS-888L Net 2.95



SENSITIVE MINIATURE RELAY



ONLY \$2.95 ea.

Extremely small, sensitive relay — weighs only 1/2 oz. Double-pole double-throw, with silver and silver-gold-platinum alloy contacts. Contacts handle up to 100 volts at 300 ma. (30 watts). Coil measures 5300 ohms dc resistance-rated at 4.1 ma. dc. pull-in current, 0.95 ma. dc. drop-out. Enclosed in transparent plastic dust cover; Operating time 2-8 milliseconds; release time about 1.5 msec. Breakdown voltage ratings: coil to frame, 500V; contacts to frame 350V. Measures 1 1/4 x 1 1/4 x 7/8". Ideal for model control, photocell relay, carrier-current control and dozens of other miniature applications. Shpg. wt., 4 oz. Imported

F-332—DPDT Miniature DC Relay Net 2.95

As above, but 4-pole double throw; pull-in current 6.3 ma. dc.; drop-out 3.3 ma. dc. Weighs 3/8 oz. 3/4 x 1 1/2 x 1 1/4" Shpg. wt., 4 oz.

F-333—4P-DT Miniature Relay Net 3.25



TELECHRON TIMER SWITCH

Turn on any Appliance up to 1650 watts.

395

Genuine Telechron mechanism. Complete 12 hour movement. Can be set to turn on any radio, TV or similar electrical appliance at any preset time. Gold finish dial — black lettering. Timer sets from rear. On-off-auto switch in front. Size 3 1/2" square, 1 3/4" deep. Set shaft extends 5 1/2" to rear. SPST switch, rated 15 amps at 115 volts. For 110-120V, 60 cy. AC only. Shpg. wt., 2 lbs. MS-793 Net 3.95

TELECHRON TIMER SWITCH

- Radio — TV — Appliance Timer
- 60 Minute Sleep Switch
- Simple Installation
- Rated to Handle 1650 watt load
- Efficient Accurate Time Control

540



Automatically turns on radios—TV sets—tape recorders "ham" rigs—electrical appliances—at any preset time in a 12 hour period. "Sleep-Switch" allows up to 60 minutes of continuous run prior to "shut-off." Built in alarm for added convenience of "signaling." As easy to set as any electric clock. All controls on front. On-off-auto, 0 to 60 sleep switch, alarm set and time set. Gold finish dial—black lettering. 3 1/2 square bezel. 1 3/4" deep. SPST rated 15 amps at 115 volts, 1650 watt load capacity. For 110-120V, 60 cy. AC only. Shpg. wt., 2 lbs. MS-794 Net 5.40

HAND TALLY REGISTER

229

- 4 Digit Capacity
- Counts 0-9999
- Single Turn Reset Knob

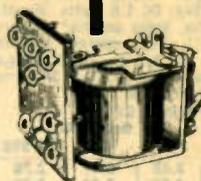


Registers 0 to 9999. Highly polished chromium plated brass case. Attached finger-ring and compact shape for comfort in holding. Plunger operated for smooth, easy action. Large, clearly read numerals. Knurled reset knob sets register to zero in one turn. Precision accuracy for lab, school and industrial users. Invaluable for inventory control — gate checking — traffic, etc. Small size, approximately 1 1/4 x 1 1/4", permits concealed operation. Shpg. wt., 1/2 lb. Imported

F-48 Net 2.29

LITTLE "JEWEL" REMOTE CONTROL RELAY

195



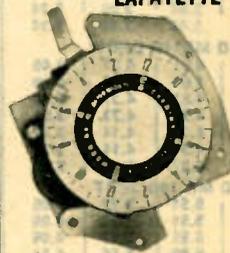
- The Mighty Mite of the R/C Field
- Weighs less than 1/2 oz.!
- Size: 3/4" H, 17/32" W, 1-1/16" L

A natural for remote control receivers, it is highly sensitive, and built to withstand severe crashes. The smallest commercial job available, it weighs less than 1/2 oz. Factory adjusted to pull in at 1.4 MA drop out at 1.2 MA D.C. Single pole, double throw. Used in outstanding R/C receivers. 5,000 ohm coil. Imported

F-260—Relay Net 1.95

LAFAYETTE SPECIAL

AUTOMATIC TIMER MECHANISM THAT DOES EVERYTHING



525

- Turns Appliances On Or Off
- Never Needs To Be Reset
- Handles 1650 Watts
- Operates From 30 Minute To 23 Hr. Cycle

Makes practically everything electrical completely automatic. Will handle load up to 1650 watts. Turns radio on and off — does not have to be reset each night. Defrosts refrigerator — turns lights on and off — controls roaster, electric blanket, washing machine, coffee makers, vaporizers, etc. 30 min. minimum on time — 23 hours maximum. As easy to set as an electric clock. Easy to read 24 hour "day and night" dial. Operates day after day without attention. Can be controlled manually without automatic reset. For 110 volt 60 cycle AC only. Instructions included. Easily built into any case. 3 1/2 x 4 1/4 x 2 1/2" D. Shpg. wt., 2 lbs.

MS-810 Net 5.25

24-HOUR TELECHRON TIMER SWITCH



- Complete 24-Hour Movement
- Turns on Appliance at Pre-Set Time
- Famous GE Telechron Mechanism
- Accurate Time Control

439

Automatically turns on any radio, TV or similar electrical appliance at a pre-set time, up to 24 HOURS. Genuine GE Telechron movement is safe and dependable. Gold finish dial with black lettering. On-Off-Auto switch in front; timer sets from rear. Overall size 3 1/2" square; 1 3/4" deep; set shaft extends 5 1/2" to rear. SPST switch; 15 amps @ 115 V. For 110-120 volts, 60 cycle, AC.

MS-918 Shpg. wt., 2 lbs. Net 4.39

TIMING MOTOR



Self-starting synchronous motor with lifetime lubrication. Geared to 4 clockwise revolutions per hour. Will retain constant speed even under line voltage variations of 25%. Torque load 5 oz. in. maximum. Shaft 1/4" x 1/2" dia. For 110-120 volt 60 cycle AC. Shpg. wt., 9 oz.

MS-932 Intermatic W-160 Net 2.29

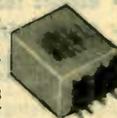
POTTER AND BRUMFIELD RELAYS

MR SERIES—Medium duty general-purpose relays for small motors, transmitters, etc. $\frac{1}{2}$ " silver contacts rated 8 amps. except * rated 10 amps. AC coils draw 3.25VA; DC 1.6 Watts. Mounting: two $\frac{3}{32}$ " dia. holes on $2\frac{1}{4}$ " centers for MR 3 & 11, $2\frac{3}{16}$ " centers for MR 5 & 14. Size: SP types— $1\frac{1}{4}$ "x $1\frac{1}{2}$ "x $2\frac{3}{16}$ "; DP types— $2x2\frac{1}{2}$ "x $2\frac{3}{16}$ "; 3P types— $2x2\frac{1}{2}$ "x $2\frac{3}{16}$ ". Shpg. wt., 8 oz.



STOCK NO.	COIL VOLTS	TYPE MR3A AND MR3D SPST* Net Each			
		1-24	25-49	50-99	100-999
3 RY-10	6VAC	3.85	3.66	3.47	2.70
3 RY-11	24VAC	3.85	3.66	3.47	2.70
3 RY-12	115VAC	3.85	3.66	3.47	2.70
3 RY-13	6VDC	3.50	3.33	3.15	2.45
3 RY-14	12VDC	3.50	3.33	3.15	2.45
3 RY-15	24VDC	3.50	3.33	3.15	2.45
TYPE MR5A AND MR5D SPDT					
3 RY-16	6VAC	3.45	3.28	3.11	2.42
3 RY-17	24VAC	3.45	3.28	3.11	2.42
3 RY-18	115VAC	3.45	3.28	3.11	2.42
3 RY-19	230VAC	3.85	3.66	3.47	2.70
3 RY-20	6VDC	3.20	3.04	2.88	2.24
3 RY-21	12VDC	3.20	3.04	2.88	2.24
3 RY-22	24VDC	3.20	3.04	2.88	2.24
TYPE MR11A AND MR11D DPDT					
3 RY-23	6VAC	4.85	4.61	4.37	3.40
3 RY-24	24VAC	4.85	4.61	4.37	3.40
3 RY-25	115VAC	4.85	4.61	4.37	3.40
3 RY-26	230VAC	5.25	4.99	4.73	3.68
3 RY-27	6VDC	4.60	4.37	4.14	3.22
3 RY-28	12VDC	4.60	4.37	4.14	3.22
3 RY-29	24VDC	4.60	4.37	4.14	3.22
TYPE MR14A AND MR 14D 3PDT					
3 RY-30	6VAC	5.80	5.51	5.22	4.06
3 RY-31	24VAC	5.80	5.51	5.22	4.06
3 RY-32	115VAC	5.80	5.51	5.22	4.06
3 RY-33	230VAC	6.20	5.89	5.58	4.34
3 RY-34	6VDC	5.45	5.18	4.91	3.82
3 RY-35	12VDC	5.45	5.18	4.91	3.82
3 RY-36	24VDC	5.45	5.18	4.91	3.82

KMP17011 Series—Small, rugged, 4PDT, designed to meet the exacting requirements of data processing, computer, and process control applications. All have nylon dust cover. $\frac{3}{32}$ " dia. silver contacts rated at 3 amps at 30 VDC or 115 VAC resistive for 100,000 operations. Mfg.: solder terminals with 3-48 stud $\frac{3}{32}$ " long. Adaptable for plug-in or printed circuit applications. Size: $1\frac{1}{4}$ " x $1\frac{1}{2}$ " x $1\frac{1}{2}$ ". Shpg. wt., 2 1/4 oz.



Stock No.	Coil Volts	TYPE G850 - SPOT			
		1-24	25-49	50-99	100-999
3RY-292	6 VDC	4.80	4.56	4.32	3.36
3RY-293	12 VDC	4.80	4.56	4.32	3.36
3RY-294	24 VDC	4.80	4.56	4.32	3.36
3RY-295	48 VDC	5.00	4.75	4.50	3.59
3RY-296	90 VDC	5.60	5.32	5.04	3.92
3RY-297	110 VDC	5.60	5.32	5.04	3.92

Solder terminal socket & retaining ring
 3RY-298 .60 .57 .54
 Printed Circuit terminal socket
 3RY-299 .60 .57 .54

ABC SERIES—For small motors, industrial controls and other medium power uses. DPDT silver contacts rated at 10 amps. With dust cover, snap on screw connectors. Mfg.: 1—No. 8-32 stud $\frac{3}{16}$ " long. Size: $1\frac{1}{4}$ "x $2\frac{1}{2}$ "x $2\frac{3}{16}$ ". $\frac{1}{4}$ " dia. silver contacts. Shpg. wt., 12 oz.

STOCK NO.	COIL VOLTS	TYPE ABC11AY AND ABC11D Net Each			
		1-24	25-49	50-99	100-999
3 RY-67	6VAC	6.40	6.08	5.76	4.48
3 RY-68	24VAC	6.40	6.08	5.76	4.48
3 RY-69	115VAC	6.40	6.08	5.76	4.48
3 RY-70	230VAC	6.80	6.46	6.12	4.76
3 RY-71	110VDC	6.80	6.46	6.12	4.76

DIAMOND SPATULA



• A PRECISION TOOL FOR CLEANING RELAYS AND ALL TYPES OF CONTACTS

By utilizing diamond particles as the abrasive element, so little pressure is required to do an effective cleaning job that normal gap is unaffected. Tight pressure removes less than 1 micron and leaves clean polished surface with minimum of time and effort. 6" long. Shpg. wt., 3 oz.

POWER TYPE RELAYS

PR SERIES—For heavy duty industrial control use. Silver contacts rated at 25 amps. A.C. coils for 60 cps. Mfg.: Two $\frac{3}{16}$ " diam. on 1 7/8" centers. Size, $2\frac{1}{2}$ "x $2\frac{1}{2}$ "x $3\frac{3}{16}$ ". All AC & DC units UL approved. Av. Shpg. wt., 12 oz.



STOCK NO.	COIL VOLTS	TYPE PR3J AND PR3D + SPST* Net Each			
		1-24	25-49	50-99	100-999
3RY-37	6 VAC	4.15	3.94	3.74	2.91
3RY-38	24 VAC	4.15	3.94	3.74	2.91
3RY-39	115 VAC	4.15	3.94	3.74	2.91
3RY-40	230 VAC	4.50	4.28	4.05	3.15
3RY-41	110 VDC	4.75	4.51	4.28	3.33
TYPE PR5AY AND PR5D SPDT					
3RY-42	6 VAC	4.35	4.13	3.92	3.05
3RY-43	24 VAC	4.35	4.13	3.92	3.05
3RY-44	115 VAC	4.35	4.13	3.92	3.05
3RY-45	230 VAC	4.75	4.51	4.28	3.33
3RY-46	110 VDC	4.95	4.70	4.46	3.47
TYPE PR7AY AND PR7D + DPST					
3RY-47	6 VAC	4.90	4.66	4.41	3.43
3RY-48	24 VAC	4.90	4.66	4.41	3.43
3RY-49	115 VAC	4.90	4.66	4.41	3.43
3RY-50	230 VAC	5.35	5.08	4.82	3.75
3RY-51	110 VDC	5.50	5.23	4.95	3.85
TYPE PR11AY AND PR11D DPDT					
3RY-52	6VAC	6.45	6.13	5.81	4.52
3RY-53	24VAC	6.45	6.13	5.81	4.52
3RY-54	115VAC	6.45	6.13	5.81	4.52
3RY-55	230VAC	6.95	6.60	6.26	4.87
3RY-56	110VDC	7.05	6.70	6.35	4.94

PLATE CIRCUIT AND SENSITIVE RELAYS GB SERIES—Sensitivity 115 mw for S.P.D.T., 125 mw for D.P.D.T., and 275 mw for 4P.D.T. Contacts rated at 5 amps. Pull in not adjustable. Mfg.: No. 8-32 tapped core and locating boss. Contacts $\frac{3}{32}$ " dia. silver; size: $1\frac{1}{4}$ "x $1\frac{1}{2}$ "x $2\frac{1}{2}$ ". Shpg. wt., 6 oz.

Stock No.	Coil Ohms	TYPE GB50 - SPOT				
		1-24	25-49	50-99	999	
3RY-283	2,500	6.8	3.45	3.28	3.11	2.42
3RY-284	5,000	4.8	3.60	3.42	3.24	2.52
3RY-285	10,000	3.4	4.10	3.90	3.69	2.87

Stock No.	Coil Volts	TYPE GB10 4PDT				
		1-24	25-49	50-99	999	
3RY-286	2,500	7	4.85	4.61	4.37	3.30
3RY-287	5,000	5	4.95	4.70	4.46	3.47
3RY-288	10,000	3.53	5.50	5.23	4.95	3.85

AB SERIES—For appliance and general purpose operations. Rugged and quiet DPDT silver contacts, rated at 10 amps. Mfg.: 2-No 8-32 tapped holes on $1\frac{1}{4}$ " centers. Size, $1\frac{1}{2}$ " x $1\frac{1}{2}$ " x $3\frac{1}{2}$ ". Av. Shpg. wt., 8 oz. AC MODELS, UL APP

STOCK NO.	COIL VOLTS	TYPE AB11AY AND AB11D Net Each			
		1-24	25-49	50-99	100-999
3RY-78	6VAC	5.30	5.04	4.77	3.71
3RY-79	24VAC	5.30	5.04	4.77	3.71
3RY-80	115VAC	5.30	5.04	4.77	3.71
3RY-81	230VAC	5.70	5.42	5.13	3.99
3RY-82	110VDC	5.70	5.42	5.13	3.99

POTTER & BRUMFIELD RELAY COVERS

TYPE 350013. Steel base, aluminum cover in gray hammer-tone baked enamel. Knockouts for $\frac{1}{2}$ " conduit. For PR type relays. Shpg. wt., 1 lb. 3.00
Type 35D130. Similar for types MR & MS relays. Shpg. wt., 1 lb. 1.90



3 TYPES AVAILABLE

TYPE 200. 55/100 mm. thick, 2 diamond surfaces. For industrial relays and contactors. 4.95
TYPE 300. Same as above for intermediate relays, telephone relays, etc. 4.95
TYPE 400. 25/100mm. thick—Single diamond surface. Specially designed for sensitive relays and individual cleaning of closely set contacts. 4.95
 Kit of 3, one each of above in plastic case. Shpg. wt., $\frac{1}{2}$ lb. 14.85
HO-828 14.85

BUILD YOUR OWN RELAY



GP SERIES—Extreme versatility is afforded by this series of separate AC, DC coils and DPDT or 4PDT switches. Combine to form 20 different relays. Ideal for lab and experiment work. $\frac{3}{32}$ " dia. silver contacts. AC coils for 60 cps. Size of assembled relay, $2\frac{3}{16}$ "x $1\frac{1}{16}$ ". Av. Shpg. wt., 4 oz.

STOCK No.	COIL VOLTS	TYPE GPA AND GPD COILS Net Each			
		1-24	25-49	50-99	100-999
3RY-208	6VAC	1.65	1.57	1.49	1.16
3RY-209	24VAC	1.65	1.57	1.49	1.16
3RY-210	115VAC	1.65	1.57	1.49	1.16
3RY-211	230VAC	2.10	2.00	1.89	1.47
3RY-212	6VDC	2.10	2.00	1.89	1.47
3RY-213	12VDC	2.10	2.00	1.89	1.47
3RY-214	24VDC	2.10	2.00	1.89	1.47
3RY-215	110VDC	3.15	2.99	2.84	2.21
3RY-216	2500 ohms	1.50	1.43	1.35	1.05
3RY-600	5000 ohms	1.75	1.66	1.58	1.23
3RY-217	10K ohms	2.10	2.00	1.89	1.47

STOCK No.	P & B TYPE	SWITCHES Net Each			
		1-24	25-49	50-99	100-999
3RY-218	GP11-0PDT	1.70	1.62	1.53	1.19
3RY-219	GP17-4PDT	2.95	2.80	2.66	2.07



KL SERIES—Compact, versatile multiple contact relays. Varied contact combinations and high dielectric phenolic insulation, $\frac{1}{16}$ " dia. 4PDT silver contacts rated at 5 amps. Mfg.: 2-No. 6-32 tapped holes on $1\frac{1}{4}$ " centers. Size, $1\frac{1}{4}$ "x $1\frac{1}{2}$ "x $2\frac{1}{2}$ ". Shpg. wt., 8 oz.

STOCK No.	COIL VOLTS	TYPE KL17A AND KL17D Net Each			
		1-24	25-49	50-99	100-999
3RY-221	24VAC	6.30	5.99	5.67	4.41
3RY-222	115VAC	6.30	5.99	5.67	4.41
3RY-223	24VDC	6.00	5.70	5.40	4.20



KA SERIES—low power loads such as small motors, solenoids and general automation work. Silver contacts rated at 5 amps. Moisture and shock resistant. AC coil for 60 cps. Mfg.: 1 No. 6-32 stud and locating tab. Size: $1\frac{1}{2}$ "x $1\frac{1}{2}$ "x $1\frac{1}{2}$ ". Shpg. wt., 6 oz.

STOCK No.	COIL VOLTS	TYPE KA5AY AND KA5D SPDT Net Each			
		1-24	25-49	50-99	100-999
3RY-105	6VAC	3.20	3.04	2.88	2.24
3RY-106	24VAC	3.20	3.04	2.88	2.24
3RY-107	115VAC	3.20	3.04	2.88	2.24
3RY-108	6VDC	3.05	2.90	2.75	2.14
3RY-109	12VDC	3.05	2.90	2.75	2.14
3RY-110	24VDC	3.05	2.90	2.75	2.14

STOCK No.	COIL VOLTS	TYPE KA11AY AND KA11D DPDT Net Each			
		1-24	25-49	50-99	100-999
3RY-111	6VAC	3.85	3.66	3.47	2.70
3RY-112	24VAC	3.85	3.66	3.47	2.70
3RY-113	115VAC	3.85	3.66	3.47	2.70
3RY-114	6VDC	3.40	3.23	3.06	2.38
3RY-115	12VDC	3.40	3.23	3.06	2.38
3RY-116	24VDC	3.40	3.23	3.06	2.38

STOCK No.	COIL VOLTS	TYPE KA14AY AND KA14D 3PDT Net Each			
		1-24	25-49	50-99	100-999
3RY-117	6VAC	4.25	4.04	3.83	2.98
3RY-118	24VAC	4.25	4.04	3.83	2.98
3RY-119	115VAC	4.25	4.04	3.83	2.98
3RY-120	6VDC	3.85	3.66	3.47	2.70
3RY-121	12VDC	3.85	3.66	3.47	2.70
3RY-122	24VDC	3.85	3.66	3.47	2.70

GA SERIES—Multiple leaf, all purpose relays, permitting a wide range of contact combinations. Moisture and shock resistant. $\frac{3}{32}$ " dia. silver plated contacts rated at 5 amps. AC coils for 60 cps. Mfg.: No. 8-32 tapped core with locating boss. Size: $1\frac{1}{2}$ "x $1\frac{1}{2}$ "x $1\frac{1}{2}$ ". Shpg. wt., 8 oz.

STOCK No.	COIL VOLTS	TYPE GA11A AND GA11D DPDT Net Each			
		1-24	25-49	50-99	100-999
3RY-123	6VAC	3.35	3.18	3.02	2.35
3RY-124	24VAC	3.35	3.18	3.02	2.35
3RY-125	115VAC	3.35	3.18	3.02	2.35
3RY-126	6VDC	3.35	3.18	3.02	2.35
3RY-127	12VDC	3.35	3.18	3.02	2.35
3RY-128	24VDC	3.35	3.18	3.02	2.35
TYPE GA17A AND GA17D 4PDT					
3RY-129	6VAC	4.85	4.61	4.37	3.40
3RY-130	24VAC	4.85	4.61	4.37	3.40
3RY-131	115VAC	4.85	4.		

POTTER AND BRUMFIELD RELAYS

PLATE CIRCUIT AND SENSITIVE RELAYS

KCP SERIES. Plate circuit relays, enclosed in polystyrene cases. Sensitivity 125 mw (single pole). Silver contacts rated at 2 amps. Mtg.: std. octal plug-in type, 8 pin for all except KCP 14's 11 pins. Size, 2x1 $\frac{1}{2}$ x1 $\frac{1}{2}$ ". Shpg. wt., 5 oz. Specify coil.



TYPE KCP5 SPDT

Stock No.	Coil Ohms	Coil Ma	1-24	25-49	50-99	100-999
3 RY-135	2500	7.2	5.90	5.61	5.31	4.13
3 RY-136	5000	5.0	6.00	5.70	5.40	4.20
3 RY-137	10000	3.6	6.40	6.08	5.76	4.48

TYPE KCP11 DPDT

Stock No.	Coil Ohms	Coil Ma	1-24	25-49	50-99	100-999
3 RY-138	2500	10.0	6.30	5.99	5.67	4.41
3 RY-139	5000	7.2	6.40	6.08	5.76	4.48
3 RY-140	10000	5.0	6.80	6.46	6.12	4.76

TYPE KCP14 3PDT

Stock No.	Coil Ohms	Coil Ma	1-24	25-49	50-99	100-999
3 RY-141	2500	12.3	7.75	7.36	6.98	5.43
3 RY-142	5000	8.7	7.85	7.46	7.07	5.50
3 RY-143	10000	6.1	8.25	7.84	7.43	5.78

Amphenol 146-103 sockets. For KCP relays except KCP14's. Bainer type octal sockets. Meets N.E.M.S. and U.L. requirements. Mtg. centers 1 $\frac{1}{4}$ ". Shpg. wt., 5 oz.

CM-226..... Net.1.44

Amphenol 77 M1P11 sockets. 11 pin socket for KCP14's. With retainer ring. Requires 1 $\frac{1}{8}$ " hole. Shpg. wt., 2 oz.

CM-75..... Net .20



TYPE LB5. Low cost, fast-acting units. Breakdown 500 V. rms min. SPDT silver contacts rated at 5 amps. Mtg.: Two $\frac{3}{16}$ " dia. holes on 2 $\frac{1}{2}$ " centers. Size 1 $\frac{1}{2}$ x1 $\frac{1}{2}$ x2 $\frac{1}{2}$ ". For DC only. Shpg. wt., 5 oz.

Stock No.	Coil Ohms	Coil Current	1-24	25-49	50-99	100-999
RY-144	2500	9 Ma	2.45	2.33	2.21	1.72
RY-145	5000	6.3 Ma	2.65	2.52	2.39	1.86
RY-146	10,000	4.5 Ma	2.85	2.71	2.57	2.00



LM SERIES. High quality plate circuit relays with sensitivity of 100 mw. for single pole. (SP) 200 mw for DP. Adjustable pull-in. Silver contacts rated at 5 amps, 115 v., 60 cps. Action: LMS's are SPDT; LM11's, DPDT. Mtg.: 2-No. 6-32 tapped holes on 1 $\frac{1}{2}$ " centers. Size 2 $\frac{1}{2}$ x2 $\frac{1}{2}$ x2 $\frac{1}{2}$ ". Shpg. wt., 9 oz.

TYPE LM5 SPDT

Stock No.	Coil Ohms	Coil Ma	1-24	25-49	50-99	100-999
3 RY-147	2500	6.3	3.90	3.70	3.50	2.73
3 RY-148	5000	4.5	4.10	3.90	3.69	2.87
3 RY-149	10000	3.2	4.40	4.18	3.96	3.08

TYPE LM11 DPDT

Stock No.	Coil Ohms	Coil Ma	1-24	25-49	50-99	100-999
3 RY-150	2500	9.0	5.55	5.27	5.00	3.89
3 RY-151	5000	6.3	5.75	5.46	5.18	4.02
3 RY-152	10000	4.5	6.30	5.99	5.67	4.41

TYPE P CASE

Type 350070. Clear Case with Octal plug as used in KRP Relays. Ideal for mounting rectifiers, resistors and small components. Complete with 4 screws. Shpg. wt., 4 oz.

RY-262..... Net .55

Type 350072. Same as above but with 11 Pin plug.

RY-263..... Net .70



MG SERIES — Subminiature telephone type relay for aircraft, computer, and other applications requiring good shock and vibration characteristics. Silver contacts rated at 2 amps. All are open except * are enclosed. Mtg. 4 tapped 3-48 holes on $\frac{3}{16}$ x $\frac{3}{16}$ " centers. Size: 1 $\frac{1}{2}$ x1 $\frac{1}{2}$ x $\frac{1}{2}$ ". Shpg. wt., 6 oz.

TYPE MG11 DPDT

Stock No.	Coil Volts	1-24 each	25-49 each	50-99 each	100-999 each
3 RY-245	6VDC	5.20	4.94	4.68	3.64
3 RY-246	12VDC	5.20	4.94	4.68	3.64
3 RY-247	24VDC	5.20	4.94	4.68	3.64
3 RY-248	110VDC	5.65	5.37	5.08	3.96

TYPE MG17 DPDT

Stock No.	Coil Volts	1-24 each	25-49 each	50-99 each	100-999 each
3RY-249	6VDC	6.95	6.60	6.26	4.87
3RY-250	12VDC	6.95	6.60	6.26	4.87
3RY-251	24VDC	6.95	6.60	6.26	4.87
3RY-252	110VDC	7.40	7.03	6.66	5.18

TYPE MG17DP*DPDT

Stock No.	Coil Volts	1-24 each	25-49 each	50-99 each	100-999 each
3 RY-253	6VDC	11.55	10.97	10.40	8.09
3 RY-254	12VDC	11.55	10.97	10.40	8.09
3 RY-255	24VDC	11.55	10.97	10.40	8.09
3 RY-256	110VDC	12.15	11.54	10.94	8.50



PW SERIES. Precision lightweight hermetically sealed DC relays for aircraft and missile use. Sensitivity: 40 mw for current actuated units, 180 mw for voltage actuated units. Withstands 10G vibration to 500 cps. SPDT silver contacts rated at 2 amps. Mtg.: std. 7 pin miniature tube socket. Size $\frac{3}{16}$ dia. x 1 $\frac{1}{4}$ ". *Plate circuit type. Av. shpg. wt., 4 oz.

TYPE PW5DS

Stock No.	V or Ma	Coil Ohms	1-24	25-49	50-99	100-999
3RY-153	6V	202	10.25	9.75	9.23	7.18
3RY-154	12V	810	10.25	9.75	9.23	7.18
3RY-155	24V	3240	10.25	9.75	9.23	7.18

TYPE PW5LS*

Stock No.	Coil Ohms	1-24	25-49	50-99	100-999	
3 RY-156	2.8MA	5000	10.60	10.07	9.54	7.42
3 RY-157	2MA	10000	11.00	10.45	9.90	7.70



TYPE RS5D. Low cost. Lightweight, sensitive relays for radiosonde, light dimmer and model uses. 60mw sensitivity. SPDT bar palladium contacts rated at 2 amps. Mtg.: Two 4-40 holes on $\frac{3}{16}$ x $\frac{3}{16}$ " centers. Size: $\frac{1}{2}$ x1x1 $\frac{1}{4}$ ". Av. shpg. wt., 3 oz.

Stock No.	V or Ma	Coil Ohms	1-24	25-49	50-99	100-999
3RY-158	6V	335	2.60	2.47	2.34	1.82
3RY-159	5.0MA	2500	2.85	2.71	2.57	2.00
3RY-160	3.5MA	5000	3.15	2.99	2.84	2.21
3RY-161	2.5MA	10000	3.60	3.42	3.24	2.52



SM SERIES. Midget, sensitive, hermetically sealed relays, for computers, model airplanes and similar uses. SPDT silver-rhodium contacts rated at $\frac{1}{4}$ amp. non-inductive. Extremely long life. Mtg.: std. 7-pin miniature tube socket. Size $\frac{3}{16}$ dia. 1 $\frac{1}{4}$ ". *Current-actuated, plate circuit type. Av. shpg. wt., 3 oz.

TYPE SM5DS

Stock No.	V. or Ma.	Coil Ohms	1-24 each	25-49 each	50-99 each	100-999 each
3RY-162	6VDC	80	6.25	5.94	5.62	4.38
3RY-163	24VDC	900	6.25	5.94	5.62	4.38

TYPE SM5LS*

Stock No.	Coil Ohms	1-24	25-49	50-99	100-999	
3 RY-164	3.9 MA	5000	6.55	6.22	5.89	4.59
3 RY-165	2.7MA	10,000	7.00	6.65	6.30	4.90



TYPE S5SD. Ultra sensitive precision 1 ma relays ideal for all low energy circuits such as instruments and bridge balancing. Dual series coils with balanced armature. Sensitivity, 10 mw. Coil ohms, 10,000. Silver contacts. Mtg.: 2-No. 6-32 tapped holes on $\frac{3}{16}$ " centers. Size 1 $\frac{1}{2}$ x1 $\frac{1}{2}$ x1 $\frac{1}{4}$ ". Shpg. wt., 8 oz.

3RY-166, 1-24 ea.	12.60	25-49, ea.	11.97
50-99, ea.	11.34	100-999, ea.	8.82

HOLD DOWN SPRING

Type 9-KR-15. Durable stainless steel spring fits all KCP or KRP plug-in relays. Insures secure mounting in any position.

3RY-264..... ea. Net .10



TELEPHONE TYPE RELAYS



MM SERIES—Miniature type. Silver contacts rated at 5 amps except * are 3 amps. ALL 4PDT except DPDT. * Sealed. Mtg.: MH11's No. 6-32 tapped stud plus locating boss; all other models, 4-No. 3-48 holes on $\frac{3}{16}$ x $\frac{3}{16}$ " centers except sealed models 3 No. 6-32 NC2 threaded studs on 1 $\frac{1}{2}$ " to $\frac{1}{2}$ " centers. 1 $\frac{1}{2}$ x $\frac{3}{16}$ x1 $\frac{1}{2}$ " (open), 2 $\frac{1}{2}$ x1 $\frac{1}{2}$ x1 $\frac{1}{2}$ " (sealed). Shpg. wt., 5 oz. (open), 6 oz. (sealed). MH11 series 4.5 MA.

TYPE MH17D

Stock No.	Coil Volts	1-24 each	25-49 each	50-99 each	100-999 each
3RY-237	6VDC	5.45	5.18	4.91	3.82
3RY-238	24VDC	5.45	5.18	4.91	3.82

TYPE MH17AMR† AND MH17DM

Stock No.	Coil Volts	1-24 each	25-49 each	51-99 each	100-249 each
3RY-240	115VAC	17.95	17.05	16.15	12.56
3RY-241	6VDC	11.00	10.45	9.90	7.70
3RY-242	24VDC	11.00	10.45	9.90	7.70

Stock No.	P & B Type No.	1-24 each	25-50 each	51-99 each	100-249 each
3RY-243	MH11L*	5.45	5.18	4.91	3.82
3RY-244	MH11LM*	9.20	8.74	8.28	6.44



KRP SERIES—Versatile multi-contact relays. Enclosed in cellulose acetate dust cover. Standard octal-type plug (8 pin) for KRP5's and KRP11's, 11 pin for KRP14's. Silver contacts rated at 10 amps. Size 2x1 $\frac{1}{2}$ x1 $\frac{1}{2}$ ". Shpg. wt., 5 oz.

TYPE KRPSAG AND KRPSDG SPDT

Stock No.	Coil Volts	1-24 each	25-49 each	50-99 each	100-999 each
3 RY-87	6VAC	5.55	5.27	5.00	3.85
3 RY-88	24VAC	5.55	5.27	5.00	3.85
3 RY-89	115VAC	5.55	5.27	5.00	3.85
3 RY-90	6VDC	5.50	5.23	4.95	3.85
3 RY-91	12VDC	5.50	5.23	4.95	3.85
3 RY-92	24VDC	5.50	5.23	4.95	3.85

TYPE KRP11AG AND KRP11DG DPDT

Stock No.	Coil Volts	1-24 each	25-49 each	50-99 each	100-999 each
3 RY-93	6VAC	6.25	5.94	5.63	4.38
3 RY-94	12VAC	6.25	5.94	5.63	4.38
3 RY-95	115VAC	6.25	5.94	5.63	4.38
3 RY-96	6VDC	6.20	5.89	5.58	4.34
3 RY-97	12VDC	6.20	5.89	5.58	4.34
3 RY-98	24VDC	6.20	5.89	5.58	4.34

TYPE KRP14AG AND KRP14DG 3PDT

Stock No.	Coil Volts	1-24 each	25-49 each	50-99 each	100-999 each
3 RY-99	6VAC	7.80	7.41	7.02	5.46
3 RY-100	24VAC	7.80	7.41	7.02	5.46
3 RY-101	115VAC	7.80	7.41	7.02	5.46
3 RY-102	6VDC	7.75	7.36	6.98	5.43
3 RY-103	12VDC	7.75	7.36	6.98	5.43
3 RY-104	24VDC	7.75	7.36	6.98	5.43

Amphenol 146-103 Sockets. For KRP relays except KRP-14's. Barrier type octal sockets. Meets N.E.M.A. and UL requirements. Mtg. Centers. 1 $\frac{1}{4}$ ". Shpg. wt., 5 oz. CM-226..... Net.1.44

Amphenol 77M1P11 Sockets. 11 pin socket for KRP 14 relays. With retainer ring. Requires 1 $\frac{1}{8}$ " hole. Shpg. wt., 2 oz. CM-75..... Net .20



NEON INDICATOR RELAYS
KRP11AN and KRP11DN — Incorporate NE-2 Neon lamp to indicate current or voltage availability in power circuit. DPDT silver contacts rated at 10 amps. Clear dust cover. Base has standard octal plug. Uses same socket as KRP series. Shpg. wt., 5 oz.

Stock No.	Coil Volts	1-24 Each	25-49 Each	50-99 Each	999 Each
3RY-271	6VAC	7.15	6.79	6.54	5.00
3RY-272	1				

POTTER & BRUMFIELD RELAYS

P AND B SPECIAL PURPOSE RELAYS

LATCHING TYPE RELAYS



PC SERIES Latching Relays, Single Coil impulse latching relays for on-off and current reversal switching on alternate pulses. Operates on 30 millisecond pulses to the coil. Gold-flashed silver cadmium oxide contacts rated at 7.5 amps. Mtg: 2- $\frac{3}{16}$ " dia. holes on 2 $\frac{1}{2}$ " centers. Size 2 $\frac{1}{2}$ "x2 $\frac{1}{4}$ "x2 $\frac{1}{2}$ " Shpg. wt., 10 oz.

TYPE PC11A AND PC11D DPDT

Stock No.	Coil Volts	1-24		25-49		50-99		100-999	
		Each	Each	Each	Each	Each	Each	Each	Each
3RY-200	6VAC	5.50	5.23	4.95	3.85				
3RY-201	24VAC	5.50	5.23	4.95	3.85				
3RY-202	115VAC	5.50	5.23	4.95	3.85				
3RY-203	24 VDC	5.35	5.06	4.82	4.75				

TYPE PC17A AND PC17D 4PDT

Stock No.	Coil Volts	1-24		25-49		50-99		100-999	
		Each	Each	Each	Each	Each	Each	Each	Each
3RY-205	24VAC	7.60	7.22	6.84	5.32				
3RY-206	115VAC	7.60	7.22	6.84	5.32				
3RY-207	24VDC	7.45	7.08	6.71	5.22				

RATCHET IMPULSE RELAYS



AP Series. Reliable compact unit requiring on-off or reversing action on alternate operations. Positive ratchet operation at all speeds on impulses as short as 60 ms. Intermittent operation only. Mtg: three $\frac{3}{16}$ " dia. holes on 3 $\frac{3}{8}$ "x $\frac{7}{8}$ " triangular centers. Contacts $\frac{3}{16}$ " dia. silver. Rated at 5 amps. Size: 3 $\frac{3}{8}$ "x2 $\frac{1}{4}$ "x 2 $\frac{1}{4}$ ". Shpg. wt., 9 oz.

TYPE AP11A AND AP11D DPDT

Stock No.	Coil Volts	1-24		25-49		50-99		100-999	
		Each	Each	Each	Each	Each	Each	Each	Each
3RY-601	6 VAC	8.70	8.27	7.83	6.09				
3RY-602	12 VAC	8.70	8.27	7.83	6.09				
3RY-603	24 VAC	8.70	8.27	7.83	6.09				
3RY-604	115 VAC	8.70	8.27	7.83	6.09				
3RY-605	230 VAC	9.15	8.69	8.24	6.41				
3RY-606	6 VDC	8.70	8.27	7.83	6.09				
3RY-607	24 VDC	8.70	8.27	7.83	6.09				
3RY-608	110 VDC	9.35	8.88	8.41	6.55				

TYPE AP17A AND AP17D 4PDT

Stock No.	Coil Volts	1-24		25-49		50-99		100-999	
		Each	Each	Each	Each	Each	Each	Each	Each
3RY-610	24 VAC	10.50	9.98	9.45	7.35				
3RY-611	115 VAC	10.50	9.98	9.45	7.35				
3RY-614	12 VDC	10.50	9.98	9.45	7.35				
3RY-615	24 VDC	10.50	9.98	9.45	7.35				
3RY-616	110 VDC	11.15	10.60	10.04	7.81				

MERCURY-WETTED CONTACT RELAYS



Have rare long life, high speed and exceptional dependability. Hermetically sealed arrangement of contacts, reed armature and small reservoir of mercury does away with contact bounce, chatter, pitting and welds. Positive make or break everytime. Contacts rated 500 volts and 5 amps. Operating time as short as 3 milliseconds for SP (JM1), 4 milliseconds for DP (JM2) and 5 milliseconds for 4P (JM4) relays. Contact resistance 25 to 50 millionohms. Coil: 2 to 25000 ohms. Temperatures: -39°C (mercury freezes), 107°C (potting softens). All have octal bases except * have 14 pin base and + have hook solder base. In steel case, Size SP (JM1) 1.105" dia x 2.636" H. DP (JM2) 1 $\frac{1}{2}$ " dia. x 3 $\frac{1}{2}$ " H. DP (JM4) 1 $\frac{1}{2}$ " dia. x 3 $\frac{3}{8}$ " H. * = Dual Coil; †† Pin 6 connected to base.

Coil Characteristics

Stock No.	Ohms	Must Operate		Max Volt (35°C)	Net Each	1-9	10-24
		Ma	Ma				
TYPE JM1—SPDT SINGLE COIL							
3RY-618††	130	38.8	16.1	14.05	10.96		
3RY-619	500	20.1	31.6	14.05	10.96		
3RY-620	700	20.0	37.4	14.05	10.96		
3RY-621††	700	20.0	37.4	14.05	10.96		
3RY-622	2500	10.1	70.7	14.30	11.15		
3RY-623	4000	8.1	89.5	8.15	8.15		
3RY-624	7000	6.0	117.0	14.80	11.54		
3RY-625	11000	5.0	148.0	14.80	11.54		
3RY-626	25000	3.6	224.0	14.80	11.54		
3RY-627**	700	32.0	37.4	16.20	12.64		
	3300	12.3	81.0				
TYPE JM2 — DPDT SINGLE COIL							
3RY-628	700	30.5	45.8	22.80	17.78		
3RY-629	5000	11.3	122.0	22.80	17.78		
TYPE JM4 — 4PDT SINGLE COIL							
3RY-630*	1400	23.0	70.0	38.00	29.64		
3RY-631†	1400	23.0	70.0	38.00	29.64		
3RY-632*	6500	10.5	151.0	38.00	29.64		
3RY-633†	10000	8.6	187.0	38.00	29.64		

MICROMINIATURE HIGH G RELAY SL SERIES



Dual coil micro-miniature magnetic latching relay for low power, high shock vibration uses. 100 g shock, 30 g vibration to 2000 cps. Temp. range -65° to +125° C. Coils may be connected in series for polar operation. DPDT gold-flashed palladium contacts rated 2 amps. SLI1D for plug-in applications. SLI1D has shoulder flanges with two .104"x.136" holes on 1.062" center; SLI1DB has welded bracket with four .125" dia. holes on 1.062"x.281" centers. SLI1DC has two No. 4-40 NCCA threaded studs on .488"x.220" diagonal centers; SLI1DD has plain case with hook end solder terminals; SLG11D have plug-in terminals on .2" grid. Size: .890"x.795"x.359". Shpg. wt., 3 oz.

RESISTANCE

Stock No.	P & B. TYPE NO.	COIL VOLTS	IN OHMS	NOMINAL POWER
3RY-650	SLI1D	6	40	1 W
3RY-651	SLI1D	12	160	1 W
3RY-231	SLI1D	24	630	1 W
3RY-652	SLI1DA	6	40	1 W
3RY-653	SLI1DA	12	160	1 W
3RY-232	SLI1DA	24	630	1 W
3RY-654	SLI1DB	6	40	1 W
3RY-655	SLI1DB	12	160	1 W
3RY-233	SLI1DB	24	630	1 W
3RY-656	SLI1DC	24	630	1 W
3RY-657	SLI1DD	24	630	1 W
3RY-658	SLG11D	24	630	1 W

NET EACH

1-24	25-49	50-99	100-999
17.25	16.39	15.52	12.08

TYPE KB17AG & KB17DG, Latching Relays. Ideal for memory work and overload uses. Both release and trip coils must be for the same voltage. One coil operates relay to set latch and other coil releases it. Operates on momentary impulse to either coil. 4PDT silver contacts rated at 10 amps. Mtg: 2 $\frac{1}{2}$ " holes on 1 $\frac{3}{8}$ " centers. Size 2 $\frac{1}{2}$ "x1 $\frac{3}{8}$ "x2 $\frac{1}{2}$ ". Shpg. wt., 10 oz. *60 cycle.

Stock No.	Coil Volts	1-24	25-49	50-99	100-999
3RY-167	115VAC*	10.60	10.07	9.54	7.42
3RY-168	24VAC*	10.60	10.07	9.54	7.42
3RY-169	6VAC*	10.60	10.07	9.54	7.42
3RY-170	110VDC	10.85	10.31	9.77	7.60
3RY-171	24VDC	9.65	9.17	8.69	6.76
3RY-172	6VDC	9.65	9.17	8.69	6.76

STEPPING SWITCH



Type SA-1N-12A. Twelve position stepping relay with printed circuit strips to switch currents up to 250 ma. Armature-driven pawl operates a ratchet wheel to drive the movable contacts in steps of 30°. Mtg: two 6-32 holes on 1 $\frac{1}{4}$ " centers; Size 2 $\frac{1}{2}$ " x 2 $\frac{1}{2}$ " x 1 $\frac{3}{8}$ ". Shpg. wt., 4 oz.

Stock No.	Coil Volts	1-24	25-49	50-99	100-999
3RY-617	115 VAC	6.60	6.27	5.94	4.62

MS MOTOR STARTING RELAYS



For capacitor start, induction-run motors. Arm gap var. to pull-in. AC coils, 60; 5.9 VA oper. power. Silver contacts; 2 AY are SPST-NC rated $\frac{3}{4}$ HP; 4AY are SPST-NC-DB rated 3 HP. Mtg: 2 No. $\frac{3}{8}$ " dia. holes on 1 $\frac{1}{4}$ " centers. 2 $\frac{1}{2}$ "x2 $\frac{1}{2}$ "x2 $\frac{1}{2}$ ".

Stock No.	P&B No.	Coil Volts	Net Each		50	100-
			2-24	48		
3RY-634	MS2AY	115	3.55	3.38	3.20	2.48
3RY-635	MS2AY	230	3.95	3.75	3.56	2.76
3RY-636	MS4AY	115	4.15	3.94	3.74	2.90
3RY-637	MS4AY	230	4.55	4.32	4.10	3.18

PM POWER RELAYS — HEAVY DUTY 4PDT



Types PM17AY. Silver-cad contacts 25 amps, 115 V; 25 amps at 230V, 50/60 cycle res. AC. 1 HP per arm 120V 240V AC, 1 phase. 2 21/32x3/8"x2 $\frac{1}{2}$ ". Shpg. wt., 1 lb.

Stock No.	Coil Volts	Net Ea.		50-99	100-999
		1-24	25-49		
3RY-638	6	12.35	11.73	11.11	8.65
3RY-639	12	12.35	11.73	11.11	8.65
3RY-640	24	12.35	11.73	11.11	8.65
3RY-641	115	12.35	11.73	11.11	8.65
3RY-642	230	12.75	12.11	11.47	8.93

DUST COVER FOR PM RELAYS
3 $\frac{1}{2}$ "x3 $\frac{1}{2}$ "x $\frac{1}{2}$ "H. Shpg. wt., 6 oz.
3RY-643 P & B No. 35D227 Net 3.00

LS SERIES RELAYS



Short springs and light arm for fast action. St. Stl. bearing for 100 million oper. Tinned, solder term. Mtg: 2 No. 6-32 tapped holes on $\frac{3}{4}$ " centers. Contacts 4 amps. 1 $\frac{1}{4}$ "x2 $\frac{1}{4}$ "x1 $\frac{1}{8}$ ". wt., 6 oz.

Stock No.	Type	Action	Net Each	
			1-20	499
3RY-644	LS17D	4PDT	24	5.60
3RY-645	LS17D	4PDT	48	5.75
3RY-646	LS17D	4PDT	110	6.00
3RY-647	LS23D	6PDT	24	6.80
3RY-648	LS23D	6PDT	48	6.95
3RY-649	LS23D	6PDT	110	7.20

KM SERIES. Sub-Miniature Relays. Tiny 3-pole relays weighing only $\frac{7}{8}$ oz. For multiple switching. Solder lug terminals. Mtg: no. 2-56 tapped core and locating half-punch. Silver contacts, 2 amps. Size $\frac{3}{8}$ "x $\frac{3}{8}$ "x1 $\frac{1}{8}$ ". Shpg. wt., 1 oz.

Stock No.	Coil Volts	1-24		25-49		50-99		100-999	
		each	each	each	each	each	each	each	each
3RY-185	6VDC	3.35	3.18	3.02	2.35				
3RY-186	12VDC	3.35	3.18	3.02	2.35				
3RY-187	24VDC	3.35	3.18	3.02	2.35				

TYPE KM15D DPDT

Stock No.	Coil Volts	1-24		25-49		50-99		100-999	
		each	each	each	each	each	each	each	each
3RY-188	6VDC	3.70	3.52	3.33	2.59				
3RY-189	12VDC	3.70	3.52	3.33	2.59				
3RY-190	24VDC	3.70	3.52	3.33	2.59				

TYPE KM14D 3PDT

Stock No.	Coil Volts	1-24		25-49		50-99		100-999	
		each	each	each	each	each	each	each	each
3RY-191	6VDC	4.25	4.04	3.83	2.98				
3RY-192	12VDC	4.25	4.04	3.83	2.98				
3RY-193	24VDC	4.25	4.04	3.83	2.98				

TYPE KT11A AND KT11D. Antenna Switching Relay.



For switching 300 ohm lines. Glass base for minimum RF loss. DPDT silver contacts rated at 5 amps. Mtg: 1-no. 6-32 stud. Size: 1 $\frac{1}{2}$ "x1 $\frac{1}{2}$ "x $\frac{1}{4}$ ". Shpg. wt., 2 oz.

INDUSTRIAL RELAYS AND MOTORS



BARBER-COLMAN MICROPOSITIONERS POLARIZED D-C RELAYS

TYPE AYLZ. Polarized d-c ultra-sensitive relays featuring high speed, long life, and close differential. Ideal for use wherever power supply is limited. For use as null detectors or differential relays in many fields. Will operate directly from silicon or selenium photocells. Responds up to 250 cps. Fine silver contacts are SPDT with floating neutral position. Polarity of signal determines which contact closes. Resists 10 G vibration. One millisecond operation. With basic sensitivity of 50 mic-

ro-watts, and silver contacts handling 100 watt resistive contact load, this relay acts as a high gain 2,000,000 to 1 amplifier. Eliminates vacuum tube, transistor, and magnetic amplifiers in many applications. Normal tolerance on pull-in current at 75°F. Is plus or minus 25%; from -65° to +165°F., plus or minus 60%. Equipped with octal plug-in base. Weight, 6 oz. Size, 1 3/4"x3 1/4"x1 7/8". Shpg. wt., 10 oz. Coil ohms ± 10%. * Indicates tungsten contacts.

SINGLE COIL (1.3 AMPERE-TURNS)

Stock No.	Mfr. No.	Coil Ohms	Ma.	Volts	Diff. μW
3RY-500	7300-100	13	1.73	.023	39.1
3RY-501	7301-100	54	.87	.047	40.6
3RY-502	7302-100	88	.68	.062	41.2
3RY-503	7303-100	140	.54	.076	41.1
3RY-504	7304-100	215	.46	.100	46.3
3RY-505	*7304-102	215	.46	.100	46.3
3RY-506	7305-100	350	.35	.123	43.2
3RY-507	7306-100	560	.28	.155	42.8
3RY-508	7307-100	900	.22	.198	43.7
3RY-509	7308-100	1400	.17	.243	42.1
3RY-510	7309-100	2300	.14	.325	45.9
3RY-511	7310-100	3550	.11	.401	45.3
3RY-512	7311-100	5650	.093	.524	48.7
3RY-513	7312-100	7950	.076	.604	45.9

Any of above Lots 10, ea. 22.50 singly, 25.00

SINGLE COIL (2 AMPERE-TURNS)

Stock No.	Mfr. No.	Coil Ohms	Ma.	Volts	Diff. μW
3RY-514	7325-100	13	2.67	.035	92.4
3RY-515	7329-100	215	.71	.154	109.6
3RY-516	7331-100	560	.43	.238	101.2
3RY-517	7334-100	2300	.22	.499	108.3
3RY-518	7337-100	7950	.12	.930	108.8

Any of above Lots 10, ea. 18.90 singly, 2L.00

DOUBLE COIL (1.3 AMPERE-TURNS)

Stock No.	Mfr. No.	Coil Ohms	Diff. ma.	Diff. volts	Diff. μW
3RY-519	7350-100	5	4.33	.022	93.9
3RY-520	7351-100	9	3.25	.029	95.1
3RY-521	7352-100	39	1.53	.060	91.2
3RY-522	7353-100	61	1.18	.072	85.3
3RY-523	7354-100	95	1.00	.095	95.0
3RY-524	7355-100	150	.81	.122	99.0
3RY-525	7356-100	240	.65	.156	101.4
3RY-526	7357-100	365	.52	.190	98.7
3RY-527	7358-100	940	.34	.322	110.0
3RY-528	7359-100	1450	.28	.401	110.9
3RY-529	7360-100	2300	.22	.507	111.6
3RY-530	7361-100	3800	.17	.650	111.1

Any of above Lots 10, ea. 23.40 singly, 26.00

DOUBLE COIL (2 AMPERE-TURNS)

Stock No.	Mfr. No.	Coil Ohms	Diff. ma.	Diff. volts	Diff. μW
3RY-531	7375-100	5	6.67	.033	222.2
3RY-532	7379-100	95	1.54	.146	224.7
3RY-533	7381-100	240	1.00	.240	240.0
3RY-534	7383-100	940	.53	.494	260.0
3RY-535	7386-100	3800	.26	1.00	263.0

Any of above Lots 10, ea. 19.80 singly, 22.00

BARBER-COLMAN SHADED-POLE AC MOTORS



UNIDIRECTIONAL MOTORS (Fig. A)

Shaded-pole a-c induction motors for driving cooling fans, appliances, displays, vending machines, pumps, movie projectors. Simple, dependable construction—no brushes, contacts, capacitors. All motors rated for continuous duty when operated at room ambient below 100°F.; CW rotation viewed facing the drive hub of shaft. Porous bronze alignable bearings used on all unidirectional motors. 115 volt, 60 cycle field coils with Class A insulation and molded bakelite bobbins. Long life lubrication. Mounts with two #10-32 tapped studs on rear of motor. Shpg. wt., 1 1/2 lbs.

Stock No.	Mfr's. Type	Torque lb.-in.	Speed RPM	Max. HP	Input Amps	Approximate Dimensions in.		Net Each	
						1-9	10-49	1-9	10-49
SS-125	AYAA 707-6	.025	1900	.0007	.13	2 3/8 x 2 1/4 x 1 1/2	3.58	2.68	
SS-126	DYAB 569-116	.045	2400	.0017	.15	2 3/8 x 2 1/2 x 1 3/4	3.86	2.89	
SS-127	DYAF 761-1	.10	2800	.0045	.27	2 3/8 x 2 3/4 x 1 3/4	4.05	3.04	
SS-128	KYAF 764-1	.16	2900	.007	.33	2 3/8 x 2 3/4 x 2 1/4	5.54	4.15	
SS-129	OYAF 767-1	.20	2900	.009	.39	2 3/8 x 2 3/4 x 2 1/4	8.40	6.30	

GEAR MOTORS (Figs. D and E*)

Unidirectional Type HZ gearheads designed for maximum of 30 lb.-in., independently supported load. Type PZ is enclosed gearhead for loads up to 100 lb.-in. All gear trains use accurately hobbed gears. 115 volt, 60 cycle field coils. CW rotation. *Drive coupling on HZ gear motors is a hollow sleeve (3/8" O.D., 3/8" I.D.) drilled for 3/32" cotter pin. Type PZ shaft dia. .248" Shpg. wt., 2 1/4 lbs. except PZ is 4 1/2 lbs.

Stock No.	Mfr's. Type	Torque lb.-in.	Speed RPM	Max. HP	Input Amps	Dimensions in.		Net Each	
						1-9	10-49	1-9	10-49
SS-136	HZKB 29-110	1.3	80	.0017	.19	3 1/2 x 3 x 3 1/4	10.65	8.06	
SS-137	HZKB 48-110	2.0	50	.0017	.19	3 1/2 x 3 x 3 1/4	10.65	8.06	
SS-138	HZKB 60-110	2.7	40	.0017	.19	3 1/2 x 3 x 3 1/4	10.65	8.06	
SS-139	HZKB 236-110	8.2	10	.0013	.19	3 1/2 x 3 x 3 1/4	12.76	9.64	
SS-140	PZKB 450-110*	15	5	.0012	.19	3 3/4 x 4 1/4 x 4 1/4	28.70	21.60	

COOLING FANS (Fig. B)

Fans listed below may be used with above motors for cooling electronic tubes, projection lamps, and in deodorizers, heaters requiring air delivery against a low static head. Aluminum blades and zinc plated steel hubs. Blows air forward when mounted with hub towards the motor. *Free air delivery measured 12 inches from front of fan. Fan dia.: Type 303=3"; 403=4"; 502=5". Hub dia.: 303=3/8"; 403=1/2"; 502=1 1/8". Avg. shpg. wt., 2 oz.

Stock No.	Mfr's. Type	CFM*	For Motor	Net Each 1-9	10-49
SS-130	AYFA 303	75	AYAA 707-6	1.20	1.16
SS-131	AYFA 403	190	DYAB 569-116	1.41	1.36
SS-132	AYFA 502-1	300	DYAF 761-1	1.60	1.55

REVERSIBLE MOTORS (Fig. C)

Low cost reversible motors for servomechanisms, remote switching and positioning, pen and potentiometer drives. Fast reversing, low inertia rotors. Direction of rotation controlled by shorting one pair of shading coils through SPDT switch, except *DYAE 222-715 has high impedance shading coils for use with electronic control. 115 volt, 60 cycle field coils. Continuous duty rating. Max. size 3x2 1/2 x 1 1/2". Shaft dia. .125". Shpg. wt., 1 1/4 lbs. except KYAE is 1 3/4 lbs.

Stock No.	Mfr's. Type	Torque lb.-in.	Speed RPM	Max. HP	Input Amps	Net Each 1-9	10-49
SS-133	DYAE 222-3	.015	1450	.00035	.20	8.97	6.73
SS-134	DYAE 222-715*	.062	1850	.0018	.28	17.47	11.47
SS-135	KYAE 451-3	.025	1600	.0006	.21	11.23	8.42

BARBER-COLMAN SYNCHRONOUS MOTORS (Fig. F)

For chart drives, scoreboard timers, microfilm cameras, etc. Develops many times the power of ordinary clock and timing motors. Synchronize rapidly; high pull-out torque provides reserve power under fluctuating load conditions. Pull-in torque .08 lb.-in. based on spring-coupled low inertia load not exceeding .005 lb.-in.* Supplied with 2 inch dia. cooling fan on rear of motor for continuous duty operation. 115-volt, 60-cycle field coil. CW rotation. 2 7/8 x 2 1/8 x 2 3/8". Shaft dia. .125". Full load characteristics—Torque: .15 lb.-in.; Speed: 3600 RPM; Max. H.P.: .0086; Input: .83 amps. Shpg. wt., 1 lb.

Stock No.	Net each 1-9	7.56	10-49	5.68
SS-141	KYAJ622-320			



AMPERITE THERMOSTATIC DELAY RELAYS

Heater-actuated time-delay relays. Operate on AC, DC or pulsating current. Hermetically sealed in glass envelope with octal base. SPST, normally open, closed by heater after delay (in seconds). Heater draws only 2 watts. Contacts rated 3 amp. at 115V AC or 0.5 amp. at 220V AC. Shpg. wt., 4 oz. Please specify both mfrs. no. and our stock no.

Delay Sec.	Normally Open		Normally Closed	
	6.3V AC-DC	115V AC-DC	6.3V AC-DC	115V AC-DC
2	6N02	115N02	6C2	115C2
5	6N05	115N05	6C5	115C5
10	6N10	115N10	6C10	115C10
15	6N15	115N15	6C15	115C15
20	6N20	115N20	6C20	115C20
30	6N30	115N30	6C30	115C30
45	6N45	115N45	6C45	115C45
60	6N60	115N60	6C60	115C60
75	6N75	115N75	6C75	115C75
90	6N90	115N90	6C90	115C90
120	6N120	115N120	6C120	115C120
150	6N150	—	6C150	—
180	6N180	—	6C180	—

MINIATURE RELAYS. All above types available in miniature sizes. 9-pin, 3/4 x 2 1/4 x 2 1/8". When ordering, specify type no., adding letter "M" following type number. Example: 6N02M and our Stock No. Shpg. wt., 3 oz.

3RY-441 Net each 2.35



HURST SYNCHRONOUS MOTORS

Compact heavy-duty synchronous motors for accurate continuous timing applications. Ideal for use in alarm systems, process controls, animated displays, lighting displays, paging systems, extra large clocks, time switches, code signal devices, etc. Will not overheat during continuous operation nor in a stall position. Gear trains have lifetime lubrication and withstand loads more than 3 times rated capacity. Size 2 1/2" dia. x 1 3/4" deep. Power requirement: 5 watts, 95-130 volts AC, 60 cycles. Operating temp. 40° to +105°C. Shpg. wt., 1 lb.

40 INCH OZ — CONTINUOUS DUTY TYPE SM

Stock No.	Output Speed	Net Each		
		1-49	50-71	72-107
3SS-10	1 RPM			
3SS-11	4 RPM	9.08	8.17	7.26
3SS-12	6 RPM			
3SS-13	10 RPM			
3SS-14	30 RPM			
3SS-15	60 RPM			

(May be assorted for quantity prices)

POSITIVE CLUTCH-TYPE PCSM

As above but with positive clutch and instantaneous brake. Clutch starts shaft in 10 milliseconds. Brake stops shaft within 1/10° at 1 RPM, within 6° at 60 RPM.

Stock No.	Output Speed	Net Each		
		1-49	50-71	72-107
3SS-75	1 RPM			
3SS-76	4 RPM	13.20	11.88	10.56
3SS-77	6 RPM			
3SS-78	10 RPM			
3SS-79	30 RPM			
3SS-80	60 RPM			

(May be assorted for quantity prices)

120 INCH-OUNCE REVERSIBLE-TYPE DA

Instantly reversible (with SPDT switching); clockwise and counter-clockwise operation. 100g shock resistance; torque, 120 inch-ounce at 1 rpm. 2 1/2" dia. x 1 3/4" shaft 3/8" dia. x 1" L. Shpg. wt., 1 1/2 lbs.

Stock No.	Output Speed	Net Each		
		1-49	50-71	72-107
3SS-93	1RPM			
3SS-94	4RPM	10.80	9.72	8.64
3SS-95	6RPM			
3SS-96	10RPM			
3SS-97	30RPM			
3SS-98	60RPM			

(May be assorted for quantity prices)

REVERSIBLE POSITIVE CLUTCH-TYPE PC-DA

Basic type DA motor with positive clutch and instantaneous brake. Starts in 10 milliseconds—stops 60 rpm shaft in 6°; 1 rpm, 1/10°. Shpg. wt., 1 1/2 lbs.

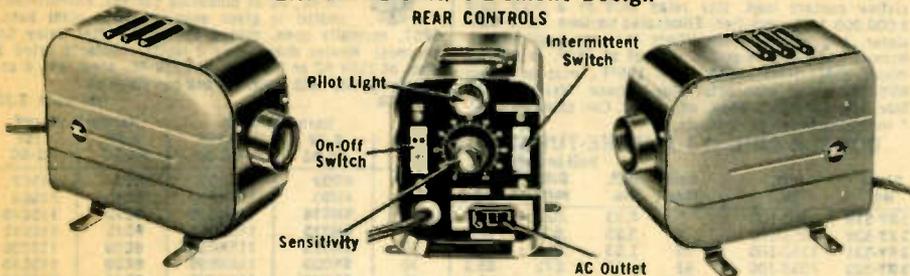
Stock No.	Output Speed	Net Each		
		1-49	50-71	72-107
3SS-99	1RPM			
3SS-100	4RPM	14.92	13.42	11.94
3SS-101	6RPM			
3SS-102	10RPM			
3SS-103	30RPM			
3SS-104	60RPM			

(May be assorted for quantity prices)

PHOTO ELECTRIC EQUIPMENT — BURGLAR ALARMS — GARAGE DOOR OPENERS

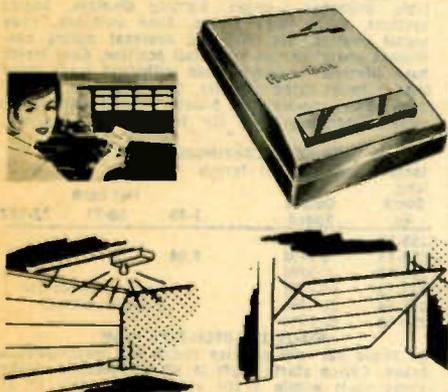
NEW LAFAYETTE PHOTO-ELECTRONIC RELAY SYSTEM

Includes Photo Cell Receiver Plus Electronically Operated Relay Plus Exciter Lamp
Efficient 2-Unit, 3-Element Design



- Complete—Ready to Operate—NOT A KIT
 - Operates Bells, Buzzers and Counters
 - The Perfect "Guard" for Homes, Stores and Industry
 - Removable Infra-Red Filter For "Invisible-Light" Operation
- The Lafayette Photo-Electronic Relay is your key to an inexpensive indoor warning or counting system. Consisting of a rugged exciter and relay unit and operating on 110-120V AC, it can be connected to signal persons entering a room, counting people or merchandise or function as an effective alarm system to warn of intruders. Effective up to 23 feet (without filter, 15 to 18 feet with filter). Recessed back shields red pilot light and houses on-off switch, intermittent-continuous alarm switch, a.c. receptacle and variable sensitivity control. Metal cases have convenient mounting feet. Size: 4¼x3x4½" D. Imported.
- | | |
|--|-----------|
| PC-45 Shpg. wt., 6 lbs. | Net 18.95 |
| ACCESSORIES FOR ABOVE | |
| EL-85 Electric Bell, 110V AC. Shpg. wt., 2 oz. | Net 1.49 |
| EL-86 Electric Buzzer, 110V AC. Shpg. wt., 10 oz. | Net 1.29 |
| F-553 6-Digit Electric Counter. Shpg. wt., 1½ lbs. | Net 9.95 |

TRANSISTORIZED RADIO-CONTROLLED GARAGE DOOR OPENER



- Hand Held Transmitter — Carry It in Pocket, Purse or Glove Compartment
- Simple 1 Man Garage Installation
- Fits Overhead Residential Garage Doors Up to 18 Ft. Wide By 8 Ft. High.

Enjoy the convenience and safety of an automatically operated garage door with this fully guaranteed unit by Perma-Power. Eliminates night-time and rainy day hazards by raising or lowering the door and operating garage light from the protection of your car's front seat. System includes the motor mechanism, radio transmitter and receiver, antennas, mounting hardware, wiring, wall switch, etc. Transmitter is crystal-controlled and operates on R/C frequency of 27.255 mc. Transistorized transmitter operates on self-contained inexpensive battery which lasts over a year in normal use. It fits in your hand, requires no installation and may be carried in pocket, purse, or stored in glove compartment. Exclusive coded channel design prevents mis-functioning. Operation is interference free. The ¼ hp motor will operate one-piece tilt-up or sectional roll-up type doors. One-man installation. Easy step-by-step instructions. Shpg. wt., 65 lbs.

- | | |
|---|------------|
| MODEL G-663 Complete R/C system
ML-178WX | Net 149.50 |
| MODEL G-340 Extra transmitter for second car.
ML-179 Shpg. wt., 1 lb. | Net 19.50 |
| MODEL G-511 Switch with 2 keys for outdoor location.
ML-180 Shpg. wt., ¼ lb. | Net 4.20 |

ELECTRIC ANNUNCIATORS



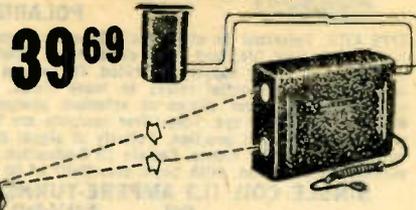
- (A) **ELECTRIC BELL.** Ideal as a fire alarm, burglar alarm warning bell. Gives a clear, loud ring to overcome high level background noise. Gleaming chrome-plated bell on a sturdy plastic base. 110 volts AC. Overall size, 4¼" across and 2¼" deep. Shpg. wt., 1 lb.
EL-85 Electric Bell. Imported. Net 1.49
- (B) **ELECTRIC BUZZER.** Extra loud. For 110 volts AC. Overall 3¼x2". Shpg. wt., 10 oz.
EL-86 Electric Buzzer. Imported. Net 1.29

LAFAYETTE HOME FIRE ALARM

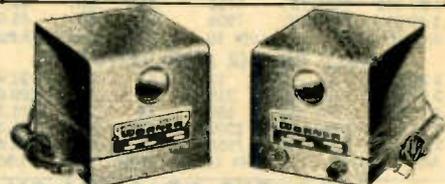


- UL Approved Protection
 - Loud - Clear Alarm
 - Complete Signal Unit - 6 Detectors
- Sensitive thermostatic detectors—located in every potential fire area—react to heat instantly. The alarm alerts you and your family before flames spread. The system does not depend on house current for operation. Long life, heavy duty battery will last at least one year. System is readily checked by means of a heat button. The push button kept within easy reach of bed, serves as an intruder alarm. Provision is made in the signal unit for attaching another alarm (6 volt bell, buzzer or horn) for outside or remote locations. The signal unit is completely enclosed in a chrome plated steel housing. Measuring only 4¼x5½x3½" overall—can be located in any convenient area. Detectors, only 2" in diameter, are unobtrusive and cover areas up to 400 sq. ft. System includes signal unit with 2 horns and provision for a 3rd, 6 thermostatic detector switches (five 135°, one 200°) 150 ft. of 18 gauge twisted pair control wire, test button, 2 boxes of staples, battery and instruction book. Shpg. wt., 8 lbs.
- | | |
|--|--------------|
| ML-290 | Net 29.95 |
| 135° Detector Switches. Shpg. wt., 3 ozs. | |
| EL-103 | Net ea. 1.95 |
| 200° Detector Switches. Shpg. wt., 3 ozs. | |
| EL-104 | Net ea. 1.95 |
| Test Button. Shpg. wt., 3 ozs. | |
| EL-30 | Net .16 |
| 18 Gauge, twisted pair control wire. Shpg. wt., 3 lbs. Per 100 ft. | |
| WR-122 100 ft. | Net 1.65 |
| WR-123 500 ft. | Net 7.50 |
| Replacement battery, Eveready 509. Shpg. wt., 1¼ lbs. | |
| BA-161 | Net .79 |

WORNER ELECTRONIC RECEPTIONIST



- MODEL 61 ANNOUNCER.** Consists of "Fotoelectric" unit, chime and mirror. Chime rings when light beam is intercepted. Unit has exciter lamp which projects beam across passage, and photocell which receives reflected beam from mirror; may be placed up to 10' from mirror. 8¼" x 6½" x 2¾". Shpg. wt., 8 lbs. For 110-120V 50-60 cycle A.C.
- | | |
|---|-----------|
| PC-20 | Net 39.69 |
| 60-1130 REPLACEMENT BULB, 6 v, 32 cp., 2000 hour. For Model 61. Shpg. wt., 5 oz. | |
| PC-21 | Net .65 |
| EXTRA CHIME. For Model 61, or any other 6 v. A.C. power source. Excellent warning device. | |
| PC-22 Shpg. wt., 2 lbs. | Net 4.70 |



- MODEL 4000 "WATCHMAN."** Economical indoor alarm system. Consists of exciter lamp unit and matching electronic relay, in attractive hamerloid cases. Exciter unit has 2 prefocused f6 lenses for maximum light dispersion, infra-red filter to furnish invisible beam. Relay unit has toggle switch choice of intermittent or continuous alarm operation, outside light rejector, sensitivity control. Built-in 6V.A.C. power supply permits use of external electrical alarms. Ranges: white light 50', invisible light 35'. Size each unit 5" x 5" x 5½". Total shpg. wt., 14 lbs. For 110-120 V. 50-60 cycle A.C.
- | | |
|-------|-----------|
| PC-23 | Net 61.74 |
|-------|-----------|



- WORNER 5150 BURGLAR ALARM**
Indoor detection system. Infra-red beam operates amplifier up to 150 ft. Removable red filter. Both units have on-off switch. Amplifier relay unit features sensitivity control, extraneous light shielding and lock. Only keyholder can turn off alarm or reset trap. Steel cases. Light source 4½x4¼x7; amplifier 5¼x7x5¼ with split door, hinged bottom. For 110/120V 50-60 cycles.
- | | |
|----------------------------|------------|
| PC-32WX Shpg. wt., 14 lbs. | Net 117.89 |
|----------------------------|------------|



- Automatic electronic controls for turning lights "on" when dark, "off" when light. Circuit employs selenium rectifier, D.C. relay, cadmium sulfide photo cell and electrolytic capacitor.
- OUTDOOR LAMP CONTROL FIG. A**
Fits single outlet box 2¼" or deeper. 300 Watt 117 VAC capacity. Built-in time delay. Adjustable shade shields light cell from undesired artificial light. Durable stainless steel finish. Weather-proof.
- | | |
|-------------------------|----------|
| PC-51 Shpg. wt., 2 lbs. | Net 7.50 |
|-------------------------|----------|
- LAMP POST CONTROL FIG. B**
Easily mounted between Lantern and 3" lamp post. It will control several lamps — up to 300 watts, 117 VAC. Includes hardware and instructions.
- | | |
|-------------------------|----------|
| PC-50 Shpg. wt., 2 lbs. | Net 7.50 |
|-------------------------|----------|

LAFAYETTE VALUES in ELECTRICAL ACCESSORIES

3-WAY POWER CONTROL

- Individually Switched Outlets With Indicator Lights

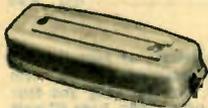
249



Switchable power outlet box for wall or bench mounting. Three individually controlled outlets, each with its own indicator light. Measures 4x2½x1½". Equipped with 3 polarized receptacles, 3 toggle switches, 3 indicator lights, 6 ft. line cord. Rated 5 amps at 125 volts AC/DC. Shpg. wt., 1 lb. Imported.

Net 2.49

4-WAY OUTLET



- 4 Electrical Outlets in 1
- Stationary Mounting or Extension Cord Use
- Phosphor Bronze Spring Grip Action

Use wherever outlets are limited. Accepts up to 4 appliances at one time. Easily installed on wall, floor, bench or ceiling. Can be "cord" mounted for extension uses. Rated at 20 amps at 125 volts. Molded of exceptionally tough durable plastic. Measures 4¾" x 1¾" x ¾" overall. Shpg. wt., 5 oz. Imported.

EL-89 Net .39

3 WAY TAP: Same as EL-89, above. For up to 3 appliances. 2½" x 1½" x ¾". Shpg. wt., 4 oz. Imported.

EL-88 Net .29

ELECTROSTRIP



- Every Inch an Outlet!
- Mounts anywhere—quickly—easily!
- No breaking into walls!
- Add outlets—move outlets—at will

On baseboard, workbench, walls, counters—conducting or non-conducting surfaces. Hand forms to corners and irregularities. No need for outlet planning—the outlets move as you choose. Permanent or temporary installations. Becomes a neat, attractive part of room decor—can be painted. Electrical connections where you want them—when you want them—along its entire length. Will not support combustion. The four ft. kit includes four ft. of strip, 3 receptacles, 2 end caps, 12" feed in cord set and mounting screws. The 15 ft. kit includes 15 ft. of strip, feed in (outlet type) 4 receptacles, 2 end caps, 2 wire connectors and mtg. screws. All are U.L. approved. 15 Amps 125V. AC. EL-67 4 ft. kit—Shpg. wt., 1½ lbs. Net 2.29

EL-68 15 ft. kit—Shpg. wt., 3½ lbs. Net 7.80

EL-69 Extra receptacle. Shpg. wt., 3 ozs. Net .35

FAN-O-TROL THERMOSTAT

339



- For window fans—ventilators roll-a-rounds

You can convert any window ventilating or other electric fan to automatic—thermostatic operation—controlled by room temperature. Gives any fan the features of the latest, deluxe models. Simple, plug in installation—done in minutes. Just set it—and forget it. Automatic cool comfort—day and night! Switches your fan on and off as the temperature demands. Completely assembled unit—ready to plug in. With instructions. UL Approved. Shpg. wt., 1 lb.

Net 3.39



Minneapolis-Honeywell TAP-LITE

- SCREWLESS TERMINALS
- QUIET—CONVENIENT—TOUCH ACTION

Clear wall plate permits using any color or material to match or contrast with any wall color. Connects in less time than old fashioned wall switches. A feather-light touch actuates the switch. Tap—it's on, Tap—it's off. Free color inserts with each switch—can be used as is—painted—or used as a pattern. Fits standard electrical boxes. Rated 15 amps., 120-227 V.A.C. U.L. Insp. Shpg. wt., 6 oz.

EL-49 Single Pole Net 1.43

EL-50 3-Way Net 1.80

EL-51 Single Pole—2 gang Net 2.94

TAP-A-LINE

147



A must for use in areas having a limited number of outlets—Permits the use of as many as 8 different appliances at one time. Easy to install or use unmounted. Rated at 1000 watts. Ivory colored tough plastic 12" long by 1" square. Four foot heavy cord and plug. Shpg. wt., 1½ lbs.

EL-10 Net 1.47

EL-11—Same as above but 2' long Net 2.40



MUSICAL DOOR CHIME

- Replace or supplement ordinary door bells!
- Different! Delightful!
- Installs in minutes!

Full scale musical door chime plays one chorus of a pleasant melody. Just a press of the button activates the musical unit to play a 15 second chorus. No need to hold the button down. Play and stop is automatic once button is pressed. Easily installed. Requires no special tools. Use as door bell—announcer—page, etc. Includes push-button, chime unit and 15 ft. of wire. Powered by 1½V. battery not included.

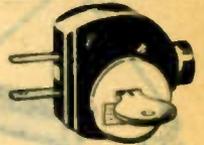
EL-84 Shpg. wt., 1 lb. Imported. Net 3.69

BA-157 Battery for Above. 1 required Net .13

YALE "LOCK-IT" PLUG

WORKSHOP SAFEGUARD

139



Easy to install. Replaces A.C. plug on any equipment you choose to keep "locked". Prevents accidental or unauthorized use of any electrical equipment. Use on fans, power tools, soldering equipment, hot plates, photo equipment, battery chargers, even the TV—if you want it kept off! Shpg. wt., 6 ozs.

Net 1.39

RESET CIRCUIT BREAKER

- Thermal Switch
- Save on Fuses
- Easy to Install

.72



Prevent overload, and possible damage, to radios, TV, power tools, etc. This reset, thermal switch circuit breaker opens at 2.5 amps. No need to replace fuses, no fumbling in the dark—just press the button to reset the circuit. Easy to install; safest to operate. For 110-120 volts. Size: 2¾" L x ¾" D.

SW-106 Shpg. wt., 5 ozs. Net .72

ELECTRONIC DIMMER SWITCH

- Electronically Dims Light to 40%
- Replaces any standard wall switch



Electronically controlled dimmer switch replaces any ordinary light switch, fits all standard boxes, any standard switch plate. 100% of illumination in HI position, 40% in Lo position. Controls light mood without wiring changes. Use for night lighting, TV lighting, standby lighting, dining room, children's room. Increases lamp life up to 10 times on dim position. 300 watt capacity, 117VAC. For incandescent lamps only.

EL-101 Shpg. wt., 6 oz. Net 2.95

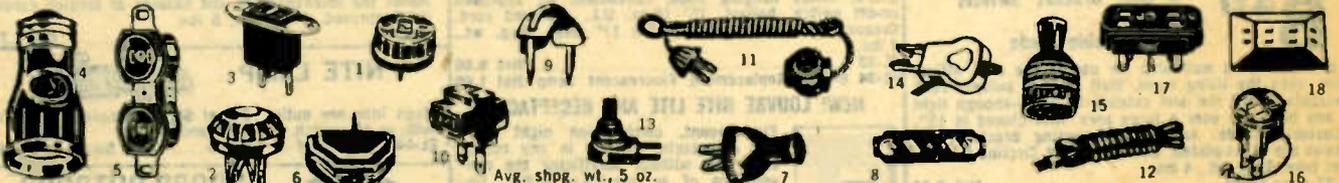
OUTDOOR DUPLEX PLATE

- Weatherproofs any duplex receptacle



For outdoor AC outlets and switches. Shields against rain, snow, ice, dirt and moisture. Individual "snap" covers. Lock in open position—"snap" shut—seal tight. Rust proof brass plate with aluminum finish, rubber gasket and rubber "undercoat" mat. Stainless steel hinge springs. Shpg. wt., 8 oz.

EL-102 Net 1.42



Avg. shpg. wt., 5 oz.

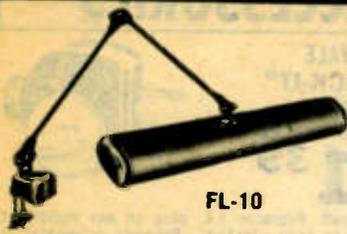
1. SINGLE SURFACE OUTLET. Brown bakelite. Wood mounting screw. EL-15—Ea., .09 10 for .81
2. BAKELITE PLUG. Sturdy prongs. EL-16—Ea., .08 10 for .72
3. CHASSIS AC RECEPTACLE. Mounts from top or bottom. Mtg. centers 1½" UL approved. 15A. 125VAC/DC. Solder terminals. EL-93 Net .15
4. CURRENT TAP. Bakelite. Straight socket with 2 plug outlets. EL-22—Shpg. wt., 4 oz. .18
5. DUPLEX FLUSH RECEPTACLE. EL-23—Ea., .13 10 for 1.17
6. 3-WAY SURFACE OUTLET. Brown. Pin

7. HANDLE PLUG. Of soft rubber. Shpg. wt., 1 oz. EL-26—Ea., .09 10 for .81
8. MIDGET CORD CONNECTOR. Flat two-piece Underwriters listed. EL-27—Ea., .25 10 for 2.25
9. INSULATED STAPLES. No. 5. ¼" x 5/8" EL-14—Package of 100 .20 1C packages for .180
10. RUBBER CUBE TAP. 3 outlets. Unbreakable one piece soft rubber construction. EL-28 Net .22 ea.

11. CUBE TAP EXTENSION. Trio tap, 9 ft. rubber cord. AC plug. Brown. EL-29—Brown Ea., .54 10 for 4.86
12. AC LINE CORD. 6 ft. AC line cords, fine quality zip cord with sturdy plug. EL-13 .19
13. CANOPY SWITCH. Rotary type, composition top. Very shallow. Wire leads. Rated 3 amp. at 125 v. SW-18—Ea., .18 10 for 1.62
14. JIFFY PUSH PULL PLUG. Attaches in 5 seconds without any tools. Spring prongs. Black. EL-57—Ea., .10 10 for .89
15. RUBBER CORD CONNECTOR. With pull handle for extension cords. 1¼" diameter. 15A. at 125V. EL-33 Net .26 ea.

16. PARALLEL GROUND ADAPTER. Adapts 3 wire tools and appliances to 2 wire AC outlets. 15A., 125V. 3¾" ground lead and lug. UL approved. EL-99 Net .22
17. DOUBLE GROUND ADAPTER. Converts any grounded 2-wire duplex receptacle for use with 3-wire plugs as well as standard plug. 15A., 125V. UL approved. EL-100 Net .60
18. PERMA-PLUG. Now you can plug in up to 4 appliances in space formerly accommodating only 2. Easily installed, fits any standard 125 VAC double outlet. 15 AMP, UL approved. EL-72 Brown Net ea. .53 EL-73 White Net ea. .60

LAMPS FOR INDUSTRY — LAB — OFFICE — HOME



FL-10



FL-21



FL-22



FL-24

ALL PURPOSE LAMP

Ideal for factory benches, tables and drafting boards. Two bolts clamp base securely to any surface up to 3" thick. Spring-controlled swivel joints and double arm action give you light in any desired position. Arm extends 36". Uses two T8, 15-W. lamps. For 110-125V., 60 cycles AC. Bronze finish.

FL-10 less lamps. Shpg. wt., 10 lbs. Net 14.38
 FL-200 T8, 15-watt, cool white lamp. Net ea., .92

MAGNIFYING INSPECTION LAMP

Designed for precision work, features a 5" diameter magnifying glass with a powerful 13" focus, surrounded by a 22 watt shadow-free fluorescent tube. A custom-engineered arm permits complete directional mobility—special adjustment knobs insure the proper tension and steadiness for any desired position. 45" arm reach. Ideal for assembly, laboratory, quality control and other detail work. In kit or assembled form.

FL-32 Kit, less lamp. Shpg. wt., 8 lbs. Net 19.95
 FL-21 Assembled less lamp. Shpg. wt., 8 lbs. Net 24.30
 FL-202 T9, 22-watt, cool white lamp. Net ea., 2.80

GOOSENECK MAGNIFYING LAMP

The perfect lamp for the hobbyist who needs plenty of light and magnification for close, precision work. The flexible, gooseneck arm adjusts and holds the lamp in the position you want. Five inch diameter magnifying glass; overall length about 2½ feet. Sturdy, clamp-mount base. Uses 22-watt circline fluorescent lamp.

FL-22 less lamp. Shpg. wt., 6 lbs. Net 15.95
 FL-202 T9, 22-watt cool white lamp. Net 2.80

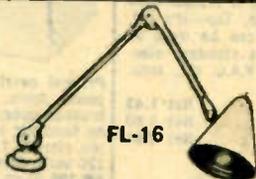
STUDY-LYTE

Perfect illumination where you need it—moves up, down, sideways at your lightest touch, and stays exactly where you put it. From a central position, the 45" arm reach can swing to illuminate any area on a desk or table, six feet long and four feet wide. Sleek all-metal construction with versatile 3" throat edge clamp. Uses 60-watt bulb (not included). Available in easy-to-assemble kit form or completely assembled.

FL-24 Kit. Shpg. wt., 5 lbs. Net 9.98
 FL-25 Assembled. Net 12.85



FL-19



FL-16



FL-20



FL-26

AMPLEX TROMBOLITE

Trombolite's unique, improved reflector design provides full use of blended incandescent and fluorescent light sources to give you 23% more light. Trombolite's glide action adjusts readily into any one of a thousand different positions. Comes complete with 60 Watt incandescent lamp and 22-watt Circline fluorescent tube. Attractively finished in executive grey.

FL-19WX Shpg. wt., 8 lbs. Net 23.18

ADJUSTABLE FLEXO LAMP

Designed to provide adjustment to any position or angle. No exposed wiring. Air Cooled Shade. Maximum extension 34". Lamp swivels around at base and at shade and swivels at each joint for universal adjustment. Shade 5½" in diameter, 6" deep. Use standard incandescent lamp.

FL-16 less lamp. Shpg. wt., 5 lbs. Net 8.77

DESK LAMP

An attractive desk lamp. Fully louvered to give the best light transmission. With molded-in pen and pencil holder. Separate stamp and paper clip compartment with a hinged lid. White louvre with gleaming black hood and base; brass finished goose neck. About 14" high. Uses standard incandescent lamp.

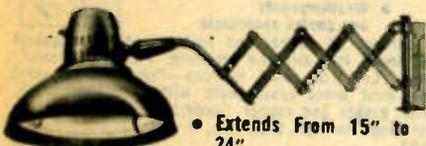
FL-20 Less lamp. Shpg. wt., 1½ lbs. Net 2.98

ALL-PURPOSE LAMP

Smart and versatile . . . Ideal for use in shop, office, home—wherever positioned lighting is needed for close work or reading. Flexible gooseneck and swivel shade permit positioning light exactly where it's wanted. Streamlined flair shade and louvers for air cooling. Concentric louver gives diffused, glare-free light. Spring clip mounting for easy insertion and removal of bulb.

FL-26 Less Lamp. Shpg wt., 3 lbs. Net 5.59

EXTENSION WALL LAMP



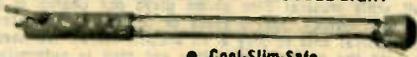
- Extends From 15" to 24"
- Wall Bracket Swivels 180°
- Adjustable Shade

840

A smartly styled wall-lamp for use in the den, office, shop, even the living room. Wall bracket swivels 180° horizontally and the arm extends to 24"—enough light in any direction over a large area. Arm closed is 15". Adjustable shade. Arm, wall mounting brackets and screws are brass-plated. Uses a 22-watt Circline fluorescent tube. Shpg. wt., 4 lbs.

FL-27 Less Lamp. Net 8.40
 FL-202 T9 22-watt Cool White lamp. Net 2.80

NEW! SLIM FLUORESCENT TROUBLE-LIGHT



- Cool-Slim-Safe
- Ideal Extension Light

A new kind of trouble-light for home, garage, repairmen, etc. Fluorescent tube in shatterproof, clear plastic outer tube, gives cool daylight. Slim styling for placing in narrow, confined areas. Other features include glare-free shield, vinyl finger-grip handle, vinyl bumper guard, handy hanging hook, convenient UL approved on-off switch, ballast, 15' 18-ga. U.L. approved cord. Grease and oil resistant. Overall 17" long. Shpg. wt., 2 lbs.

FL-33. Net 6.65
 FL-34 6-Watt Replacement Fluorescent Lamp Net 1.60

NEW! LOUVER NITE LITE AND RECEPTACLE



Flush-mount, combination night light and receptacle. Installs in any receptacle box without sacrificing the convenience of an electrical outlet. On-off rotary switch. Modern, one-piece louvered bakelite faceplate (4½x2¾"). Ample 6-watt lamp. U.L. and CSA approved. Shpg. wt., 4 oz.

EL-114. Net 1.69
 PL-28 Replacement Lamp. Net .20

CORDOMATIC HANDY LIGHT



- Portable light and power
- Locks at any length of 20 ft.
- Retracts automatically
- Provides light and power up to 20 feet from installation. Swivels 180° when wall mounted—360° rotation when ceiling mounted. Detaches easily to change location. Simply hang it up and plug it in. Eliminates the inconvenience and hazards of tangled cords.

U.L. approved. Shpg. wt., 5 lbs. Net 6.72

NITE LAMP



Plugs into any outlet. Swivel Shade Complete with 67 bulb, on off switch. U.L. approved. EL-44—In lots of 3, ea. .40. Singly, ea. .45

INDOOR-OUTDOOR EXTENSION CORDS



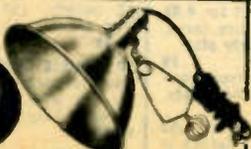
- 2-Wire and 3-Wire, 16 Gauge
- Molded Connectors

Use indoors and out, with power tools, refrigerators, mowers, fans, etc. All are 16-gauge, U.L. approved 3 cond. cords have 3 prong plug.

Stock No.	Length	Cond.	Cap	Shpg. Wt.	Net
EL-94	25 ft.	2-wire	7-amp	2 lbs.	1.35
EL-95	50 ft.	2-wire	5 amp	3 lbs.	2.43
EL-107	100 ft.	2-wire	5 amp	3 lbs.	4.49
EL-108	25 ft.	3-wire	10 amp	1½ lbs.	2.13
EL-109	50 ft.	3-wire	7 amp	2¼ lbs.	3.51
EL-110	100 ft.	3-wire	5 amp	3½ lbs.	6.41

GIANT PATIO LAMP

1 79



The lamp of 100 uses. Perfect for patio, garden, photography, attic, workshop, and window display. 10" all aluminum tarnish proof reflector mounted on double swivel clamp on base. 6" rubber covered cord and rubber plug. Shpg. wt., 2 lbs. Net 1.79

50 ft. TROUBLE LAMP

- 2 Side Outlets

180

All rubber sheath—all copper wire! Flip-Lok cage eliminates removing from handle to re-lamp. Uses any standard lamp. Heavy rubber plug-push switch—rugged rubber handle. Shpg. wt., 4 lbs. EL-41. Net 1.80



LAMPS, PHOTO-CONTROLS AND DIMMERS FOR HOME, FARM & INDUSTRY



LAMPETTE Adjustable 2-WAY LIGHTING FIXTURE

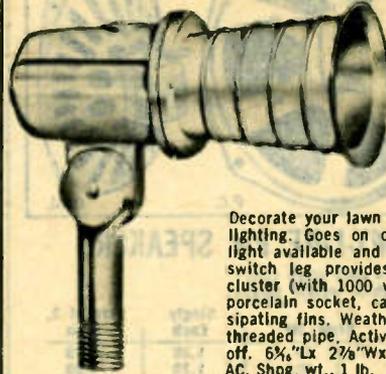
19⁹⁵

- Telescopic Arm Adjusts from 5" to 16"
- Shade Swivels 360°
- Folds to a Compact 6" High
- 2-Position Switch—0lm (Low), On (High)

The new Lampette offers adjustable high-intensity lighting wherever you go, for business or pleasure. Telescopic, adjustable chrome-plated arm extends from a compact 5" to 16" and shade swivels a full 360° for the exact light angle you want. Complete lamp, cord and all, folds into a lightweight unit measuring only 3 1/4 x 6". Special 2-position switch for regular light or bright, glare-free light. Recessed base slips over nail for convenient wall hanging. Modern styling in gray with satin chrome metal trim. With bulb.

FL-30 Shpg. wt., 5 lbs.
PL-78 Replacement Bulb, GE #1133

Net 19.95
Net .26



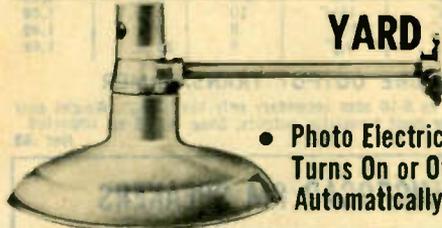
LAWN LIGHTER

- Photo Electric Controlled

12⁷⁵

Decorate your lawn or sports area with automatic flood lighting. Goes on or off according to natural outdoor light available and is preset to your choice. External switch leg provides instantaneous control of a light cluster (with 1000 watts max. combined). Medium base porcelain socket, cast aluminum housing with heat dissipating fins. Weatherproof. Jointed stem with std. 1/2" threaded pipe. Activation: 3-5 foot candles on; 7-10 FC off. 6 1/4" L x 2 3/8" W x 6 3/8" D. For 105-130V 50/60 cycles AC. Shpg. wt., 1 lb.
PC-53

Net 12.75



YARD 'N PATIO LIGHTER

- Photo Electric Lamp Turns On or Off Automatically

18⁷⁵

A complete photoelectric lamp system to provide automatic lighting when you want it in your yard or patio. Control unit is completely weather protected. Printed circuit construction makes positive contacts. Can be installed with or without toggle switch. External switch leg provides instantaneous control of other lights up to 650 watts combined. Includes: Std. 1/2" aluminum pipe 13" long, mounting bracket and photo control. Activation 3-5 foot candles on; 7-10 FC off. Overall length 22" (with reflector), 14" wide (with reflector). For 105-130V 50/60 cycles AC. Shpg. wt., 4 lbs.
PC-52

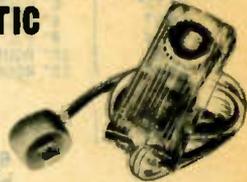
Net 18.75

HOMELIGHTER AUTOMATIC LIGHT CONTROL

- Turns Lights ON and OFF —Automatically **7⁵⁰**

A completely automatic light-sensitive photoelectric switch which will turn lights on and off at dusk and dawn. Never needs setting and requires no wiring or installation. Plug it in and it works. Has a 1000-watt lamp load rating which permits it to control not just one, but several fixtures. A multiple connection extension cord may be used if desired. Prowlers are discouraged, and your property is protected with "private eye" electronic control. Housed in decorative clear plastic case measuring 3 1/4 x 1 1/2 x 1 3/4". Complete with 6-ft. flexible 3-wire cord with adapter plug. For 110-130 volts, 50/60 cps AC. Shpg. wt., 1 lb.
PC-54

Net 7.50



REMOTE CONTROL DIMMER

- For Accent Lighting in any setting

3⁷⁵



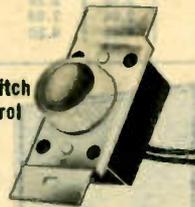
For use where controlled lighting is required. No installation needed, just plug into any 115-volt AC wall outlet. Just add triple tap or 3-way extension cord set for multiple lamp installation. 3-position (Hi, Lo, Off) switch provides up to 50% dimming action. To be used with incandescent lamps only, up to 300 watts. Complete with Ivory switch control box, 12-ft. cord and adapter plug. Shpg. wt., 1 lb. 8 oz.
EL-115

Net 3.75

"ADJUST-A-LITE" ELECTRONIC LIGHT DIMMER CONTROL

Replaces Ordinary Wall Switch for Variable Dimming Control

10⁹⁵

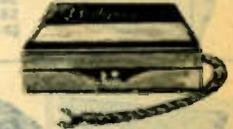


Complete variable control from off to 50% (normal dimming range), then instant switchover to full bright. Fits into standard single gang wall box and uses same two wires as regular wall switch. Any standard wall plate can be used because knob is large enough to cover slot. Furnished with ivory plastic knob having brass-finish insert. For 120 volts, 60 cps AC with incandescent bulbs only, up to 600 watts. Size: 1 1/2" W x 2 1/8" H x 1 1/2" D.
EL-117 Shpg. wt., 1 lb.

Net 10.95

DYNAQUAD TOUCH CONTROL SWITCH

- Touch—It's On!
- Touch—It's Off!



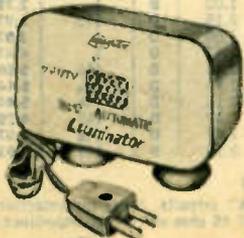
ONLY 9⁷⁵

Fascinating, easy-to-use Dynaquad electronic touch control switch can be completely concealed within the base of a lamp. Touch—it lights! Touch—it goes out! No click—no snap—just silent, faultless response to the touch of a finger. Operates on 105-125 volts, 60 cps AC and can handle up to a 100 watts. Self-contained in plastic case measuring 3 x 1 1/4 x 1 1/4". Only six leads to connect. Also useful for appliances, burglar alarms, advertising displays, etc. Shpg. wt., 1 1/2 lbs.
EL-118

Net 9.75

LAFAYETTE AUTOMATIC PHOTO-ELECTRIC 'LUMINATOR

- Automatic Light Switch
- Lights on at sunset—off at sunrise



ONLY 4⁹⁵

Photo-electronic, light-sensitive switch turns lights on and off at dusk and dawn. Better than a clock—no setting and resetting of timer. Variance in "on-off" cycle adds extra protection when away from home. You need never come home to a darkened house. The controlled lamps go on as darkness falls—stay on until sufficient day light returns or until manually turned off. Just plug it in for protection from prowlers—to turn on night lights—illuminate outdoor areas—light up brooders—green houses—displays—show windows—any place you require automatic illumination. Mounts most anywhere on rubber suction cup feet. Unobtrusive—measures only 3 3/4 x 2 1/2 x 2 1/4". Use on 117-volt AC only. Maximum 300 watts lamp load. Instructions included. Shpg. wt., 1 lb.
MS-790 Imported

Net 4.95

ALLURALITE PORTABLE ELECTRONIC DIMMER & AUTOMATIC LIGHT CONTROL

- For Automatic or Manual Operation

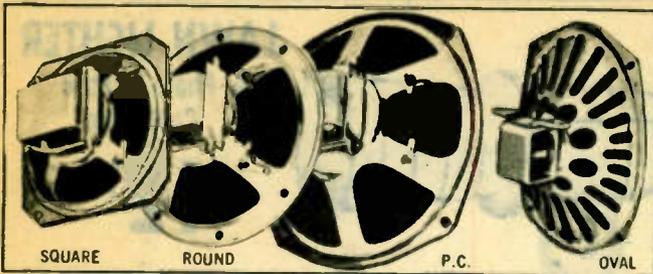
24⁹⁵



This portable photoelectric dimmer operates manually to dim lights to any desired softness for dancing, dining or listening to music; operates automatically to turn light on as darkness falls, turn it off at dawn. For use with incandescent lamps of 60 watts or more, up to 500 watts maximum. Complete with 8-ft. cord and adapter plug. Size: 4 1/2" W x 1 1/2" H x 3 3/4" D.
EL-119 Shpg. wt., 1 1/2 lbs.

Net 24.95

Speakers AND Baffles



LAFAYETTE ECONOMY-LINE PM SPEAKERS

All have 3-4 ohm voice coil.
* indicates lighter weight magnet.

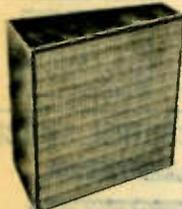
Stock No.	Size-Shape	Shpg. Wt.	Singly Each	Lots of 3, Each
SK-11*	4" SQUARE	1 lb.	1.39	1.29
SK-25	4" SQUARE	1 lb.	1.79	1.59
SK-12*	5" P.C.	1 lb.	1.45	1.35
SK-26	5" P.C.	1 lb.	1.89	1.69
SK-13*	6" ROUND	1 1/2 lbs.	2.09	1.89
SK-27	6" P.C.	1 1/2 lbs.	2.39	2.29
SK-14	8" P.C.	2 1/4 lbs.	2.95	2.85
SK-34	10" ROUND	4 1/2 lbs.	3.45	3.30
SK-41	12" ROUND	5 lbs.	3.95	3.75

OVAL PM SPEAKERS

SK-16	4x6"	1 1/2 lbs.	2.09	1.99
SK-33	5x7"	1 1/2 lbs.	2.39	2.15

6x9" AUTO PM SPEAKERS

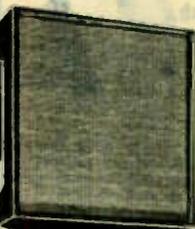
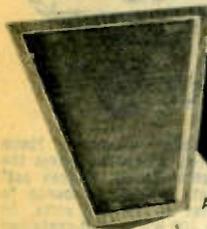
Stock No.	V.C. Imp.	Peak Watts	Mag.	Shpg. Wt.	Singly Each	Lots of 3, Each
SK-90	3-4 OHM	4	1.00 OZ.	2 lbs.	2.60	2.50
SK-17	3-4 OHM	8	2.15 OZ.	2 1/2 lbs.	3.15	2.99
SK-274	8-12 OHM	6	1.47 OZ.	2 1/4 lbs.	2.89	2.73



MODERN SPEAKER Baffles

Well built plywood speaker baffles for indoor public address and paging systems, intercoms, extension speakers, etc. Frieze-design grille cloth, modern walnut finish.

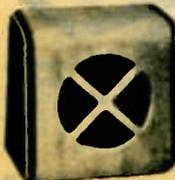
No.	Description	Wt. Lbs.	Singly Each	Lots of 3 Each
SB-10	For 5" or 6"	3	2.58	2.36
SB-11	For 8"	4	2.94	2.69
SB-13	For 10" or 12"	5	4.40	4.20



Frames constructed of plywood, front panels of acoustically correct particle board. Locked corners for maximum strength. Attractive recessed front, beautiful walnut wood-grain fabric covering. Complete with speaker mounting hardware.

Stock No.	Utah No.	Fig.	For Spkr.	Size HxWxD"	Shpg. Wt.	Net
SB-63	SS8-W	A	8"	14 x15 1/2 x 8 1/4	6	8.12
SB-64	SS12-W	A	12"	17 7/8 x19 1/2 x10 1/4	8	10.88
SB-65	CS8-W	B	8"	9 1/2 x 9 1/2 x 6 1/4	6	5.06
SB-66	CS12-W	B	12"	13 1/2 x13 1/2 x 8 3/4	9	6.85

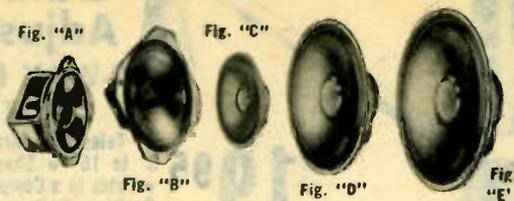
4" PM SPEAKER IN WOOD Baffle



• 25-FT. SPEAKER CABLE WITH PLUG • BUILT-IN JACK
For use in multi-speaker low power paging systems, intercom systems, auxiliary bench speaker, etc. 4" PM speaker with heavy magnet. Mounted in 2-tone walnut and black wood baffle. The baffle has sloping-front and enclosed-back acoustic construction and has a built-in jack for plug-in connection of the 25' cable and plug supplied. Speaker voice coil is 3-4 ohms. Shpg. wt., 4 lbs. Imported.
SK-108 Net 3.25; Lots of 3, each 2.95

EXACT REPLACEMENT MINIATURE SPEAKERS

- Ideal both for replacement and miniature builders
- From 1 1/2 to 3" diameter
- From only 1/8 to 1 1/4" deep



Lafayette brings you this selection of fine quality Alnico PM speakers both to solve the problem of replacement in the hundreds of models of Japanese transistor portable sets now requiring service and to provide the experimenter with miniature speakers. SK-65 and SK-66 have mtg. holes on 2" centers; SK-61 on 1 1/2" centers. OHMS is Voice coil impedance. Dimensions given are overall, imported.

Stock No.	Fig.	Diam.	Depth	Ohms	Wt.	Net
SK-61	A	1 1/2"	1 1/8"	10	6 oz.	1.49
SK-189	C	2"	1 1/8"	8	8 oz.	1.49
SK-190	C	2 1/4"	1 1/8"	8	8 oz.	1.49
SK-191	C	2 1/2"	1 1/8"	8	8 oz.	1.49
SK-65	B	2 1/2"	1 1/4"	3-4	8 oz.	1.49
SK-66	B	2 1/2"	1 1/4"	10	8 oz.	1.49
SK-192	D	2 3/4"	1 1/4"	8	8 oz.	1.49
SK-193	E	3"	1 3/8"	8	10 oz.	1.49

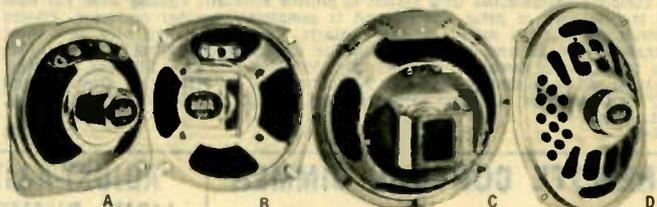


MINIATURE OUTPUT TRANSFORMER

2000 ohm primary to 8-10 ohm secondary only 3/8"x7/8"x1/4". Weighs only 3/4" oz. Suitable for most transistor outputs. Shpg. wt., 3 oz. Imported.
TR-93 Net .69



MICROGAP PM SPEAKERS



Features famous MICROGAP precision in centering of voice coil, giving increased and uniform sensitivity. All heavily cadmium plated rust proof construction. All with alnico V magnets. All voice coils 3-4 ohms except 12" is 8 ohms. † with transformer mounting bracket.

Stock No.	Size-Shape	Audio Peak-Watts	Mag. Oz.	Fig.	Shpg. Wt. Lbs.	Net Ea.
SK-153†	3 1/2" SQUARE	3	.75	A	3/4	2.26
SK-154†	4" SQUARE	5	1.47	A	1	2.85
SK-155	4x6 OVAL	4	1.47	D	1	3.18
SK-156†	5" P.C.	5	1.47	B	1	3.00
SK-160†	6" P.C.	8	3.16	B	1 1/2	4.41
SK-161	6x9 OVAL	10	3.16	D	2	5.41
SK-162†	8" ROUND	10	3.16	C	2	5.29
SK-280†	12" ROUND	14	6.8	C	4 1/4	9.35

UTAH AUTO SPEAKERS

A complete line of speakers of replacement for all types of auto sets including the new transistorized sets. Voice coil impedances where shown as "20 or 40" are 40 ohm center-tapped useable for either impedance and are specially designed for transistor sets. # Indicates shallow type, only 2 3/8" deep.

Stock No.	Size-Shape	V.C. Imp.	Peak Watts	Mag. Oz.	Fig.	Shpg. Wt.	Net
SK-281	5 1/4" P.C.	3-4 OHM	5	1.00	B	1	2.79
SK-158	5x 7 OVAL	3-4	6	2.15	D	1 1/2	3.97
SK-282	5x 7 OVAL	8-12	6	1.00	D	1	3.97
SK-283	5x 7 OVAL	20 or 40	7	1.47	D	1	4.41
SK-221	4x10 OVAL	3-4	8	2.15	D	1 1/4	5.00
SK-284	4x10 OVAL	8-12	9	2.15	D	1 1/4	5.14
SK-285	4x10 OVAL	20 or 40	10	2.15	D	1 1/4	5.44
SK-286	6x 9 OVAL	8-12	7	1.47	D	1 1/4	4.29
SK-287	6x 9 OVAL	20 or 40	8	1.47	D	1 1/4	4.67
SK-288#	6x 9 OVAL	3-4	7	2.15	D	1 1/4	4.85

INTERCOM SPEAKERS

High sensitivity, especially designed for "talk-back" circuits. Ideal for selective paging systems. Use as speaker and microphone. All 45 ohm voice coil impedance.

Stock No.	Size-Shape	Mag. Wt.	Peak Watts	Fig.	O.D.	Depth	Shpg. Wt.	Net
SK-289	3 1/2" SQUARE	.68	4	A	3 1/2"	1 1/8"	1	2.68
SK-290	4" SQUARE	.68	4	A	4 1/2"	1 1/8"	1	2.59
SK-291	8" P.C.	3.16	10	B	7 1/2"	3 1/2"	2	5.67

TAPE RECORDER SPEAKER

5x3" oval. Rated 3 watts peak. 3.2 ohm voice coil. Shpg. wt., 1/2 lb.
SK-220 Net 2.32



HIGH FIDELITY SPEAKER SYSTEMS

PICTURE THIN 2-WAY SYSTEMS

THE POPULAR PT-2

Only 3" deep. This system may be hung on a wall or set anywhere. Contains an 8" woofer and a 3"x5" tweeter. Peak power 8 watts, electrical crossover, 8-ohm impedance. Ideal for extension of existing systems or for original low power systems. Simple design, attractively finished in either walnut or mahogany. Complete with wall mounting clips. Size 12x18x3". Shpg wt., 6 lbs.
 21 A 4700 Walnut finish 15.99
 21 A 4701 Mahogany finish 15.99

THE STARLETTE

Deluxe version of the PT-2 only slightly deeper (3½") has an 8" woofer/midrange with larger magnet and a 3½" tweeter. Response to 16,500 cps. Has its own volume control. Handles 10 watts of audio power. Impedance 8-ohms, electrical crossover. Fine low-gloss furniture finish on genuine walnut veneer. Wall mounting facilities included. Size 12x30x3½". Shpg wt., 9 lbs.
 21 A 4702 Walnut Net 24.46

THIN BOOKSHELF OR WALL-MOUNT SYSTEMS

THE SORCERER

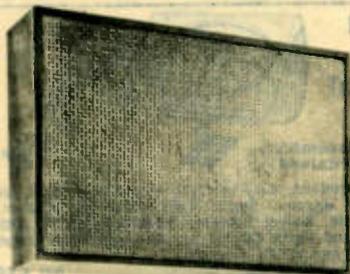
Constructed of ½" plywood with walnut veneer and solid walnut trim in oiled walnut finish. Keyhole slots permit vertical or horizontal mounting. Has high efficiency tweeter and 8" woofer with oversize voice coil. Frequency response 45-17,000 cps. Handles 12-watt audio peaks. Built-in crossover. Impedance 8 ohms. Size 12x20x4¾". Shpg. wt., 11 lbs.
 21 A 4703 Oiled Walnut Net 29.37

THE HUNTINGTON

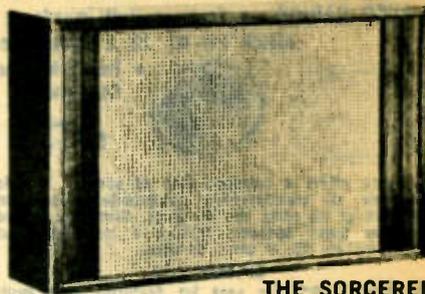
A 3 way speaker system with 8" woofer, 6" mid-range and 5" tweeter in a tuned, ducted port cabinet with fibre glass acoustical lining. Response 35-17,500 cps. 13½x22x6". Low-gloss finish on genuine walnut veneer. Handles 18-watt audio peaks. Shpg. wt., 16 lbs.
 21 A 4704 Oiled Walnut Net 39.16



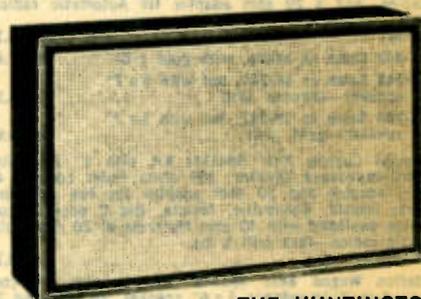
PT-2



THE STARLETTE



THE SORCERER



THE HUNTINGTON

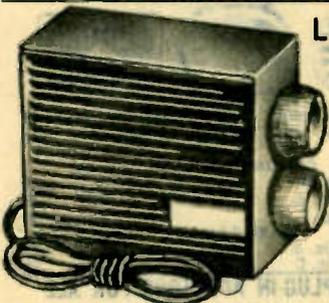
OUTDOOR SPEAKERS-TV REMOTE SPEAKERS

LAFAYETTE MINIATURE DUO-REMOTE T.V. SPEAKER

388

- Not Only An Excellent Extension Speaker—Also Provides Remote Control Volume of TV, Radio, Phono or Hi-Fi

- Adjust Volume Of Your Favorite Program From Bed or Chair
- Mount On Wall or Use On Desk or Table
- May Be Used With Set—Only Minutes to Install



You will be amazed at the number of uses you'll find for this unit. The fine quality of the built-in speaker makes it perfect for use as an extension speaker anywhere in your home or office. It's small size makes it an ideal personal speaker when watching TV or listening to your phonograph. . . . The dual volume controls provide independent volume control of the main speaker from your listening or viewing position or the remote's own self contained speaker. Attractive molded cabinet measures 4Wx2½Hx1¾"D. Complete with 20 ft. of 4-conductor cable. Shpg. wt., 1½ lbs. Imported
 SK-145 Net 3.88

TV EXTENSION SPEAKER

Full range 4x6" auxiliary speaker in an acoustically constructed, finished wood cabinet. Two built-in volume controls allow use of extension speaker alone, TV speaker alone, or both together for stereophonic sound quality. No need to get out of your easy chair to change the volume level. Wonderful for the hard of hearing when used as a close-up personal speaker. Mahogany finish, with gold grille. Shpg. wt., 4 lbs.
 SK-76 Net 7.38



ALL WEATHER 8" SPEAKER

Designed to give dependable outdoor service, this high quality 8" P.M. speaker has a 10 oz. magnet. Rated at 18 peak audio watts, it has a 1¼" voice coil with an impedance of 8 ohms. It is cadmium plated irridited, and fungus protected, dust protected and weather proofed. Use this speaker wherever reliable service in bad weather conditions with good quality reproduction are required. Shpg. wt., 4 lbs.
 SK-227 Net 9.95



- 10 OZ MAGNET
- 18 WATT PEAK

OUTDOOR 8" PATIO SPEAKER

- WEATHER PROOF — WATERPROOF
- CLEAR Hi-Fi Sound
- Mounts anywhere — Indoors or Out
- Use Two for Stereo

ONLY
10.25



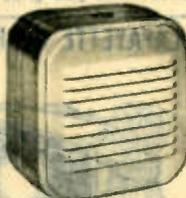
Now, the perfect outdoor hi-fi speaker to let you enjoy favorite programs, records and music while relaxing outdoors on your patio in your yard; at your bar-b-que. Handsome enough for recreation rooms and dens. It is completely wired, ready to install to the radio, phono or intercom system. Unaffected by dampness, humidity, rain or snow, the metal baffle is finished in a golden-bronze enamel. With ¾" voice coil and 3.16 oz. Alnico V magnet. 8 ohm voice coil impedance. L pad for perfect matching with max. output. Peak power 8-10 watts. Size: 10½x11x5¼". Shpg. wt., 5 lbs.
 SK-279 Net 10.25

COAXIAL MODEL

Similar to above but with 8" coaxial speaker with built-in tweeter and electronic crossover. For extended range coverage of 70-12,000 cps. Shpg. wt., 7 lbs.
 SK-276 Net 13.75

OUTDOOR WEATHER-PROOF SPEAKER

- Frequency Response: 100 to 10,000 CPS
- Compact—3¼Wx3¼Hx2¼"D
- Enclosed in a Cadmium Plated 20-Gauge Steel Case
- Specially Designed Plastic Impregnated Cloth Speaker Cone



Compact, Weatherproof, Dustproof. Will withstand immersion in boiling water, and is impervious to salt spray. Utilizes a plastic impregnated cloth cone, spider and dust cap material with an aluminum voice coil and zinc plated frame. Constructed of 20-gauge cadmium-plated steel with 2 coats of baked electrostatic enamel. Equipped with an RCA type phone jack, key slot mounting hole plus a mounting cutout to accept a volume control, on-off or push-to-talk switch. Shock Test: withstands up to 50 G's. Voltage: withstands up to 100 volts RMS. Temperature Extremes: from -80° F to 160° F. 3-4 ohm impedance.
 SK-209 Shpg. wt., 5 lbs. Net 4.79

UTAH WIDE ANGLE HIGH POWER SYSTEM

Contains 2-8" speakers in wide-dispersion baffle, approaching 180° at most audio frequencies. Handles 15-watt program peaks. Impedance 8 ohms. ¾" plywood throughout. Screw terminals. Size 10x20x4". Mtg. hardware included. Shpg. wt., 15 lbs.
 SK-277 Walnut finish 19.90
 SK-278 Mahogany finish 19.90



AUTO SPEAKER KITS-ACCESSORIES

NEW SPEAKER KITS FOR TRANSISTORIZED AUTO RADIOS

- Features Multi-impedance Match For 40, 20, 8 ohms or less
- New Slim Line Construction



Lafayette offers a complete line of speaker kits for the new all transistorized automobile radios using speakers of 20 ohms and 40 ohms. Slim line in construction these speakers feature a multi-impedance match for 40, 20, 8 ohms or less.

SPEAKER KITS

Complete 6x9" rear seat kit featuring new multi-impedance Slim line 6x9" speaker; chrome grill, 100 ohm Fader control, 40 ohm adaptor for Motorola Radios, and a 20 ohm adaptor for Automatic radios. Shpg. wt., 6 lbs.

- SK-241 Net 6.25
 - SK-242 Same as above, with gold grill Net 5.95
 - SK-243 Same as SK-241, but with 5x7" speaker—Chrome Grill Net 6.25
 - SK-244 Same as SK-242, but with 5x7" speaker—gold grill Net 5.95
- Special Custom Rear Speaker Kit with 6" Slim line multi-impedance speaker, 100 ohms Fader control, 40 ohm adaptor and 20 ohm adaptor for the following cars: Impala, Bonneville, Invicta, and 2 door Custom Autos equipped with 40 ohm Motorola or 20 ohm Automatic radios—less grill 5 lbs.
- SK-245 Net 5.70
- Station Wagon Rear Speaker Kit—includes self-contained multi-impedance 4x6" speaker, 40 ohm and 20 ohm adaptors. Shpg. wt., 6 lbs.
- SK-246 Net 0.75

MULTI IMPEDANCE SPEAKERS IN NEW SLIMLINE CONSTRUCTION

Stock No.	Size	Shpg. wt.	Net
SK-247	6x9" with jumper wires	2½ lbs.	3.25
SK-258	6" Round with jumper wires	2 lbs.	2.75
SK-259	4x6" with jumper wires	1½ lbs.	2.46

3-WAY PUSH-BUTTON SWITCH

.89

Just push a button to select either front speaker alone, rear speaker alone or both together. Comes

completely assembled on black & silver metal plate with cable, hardware and simple instructions. Imported. Shpg. wt., ½ lb.

MS-890 Lots of 3, ea. .75 singly, each .89



.64

DUAL-SPEAKER FADER CONTROL

Controls the volume of both front and rear speakers. Gradually reduces volume on one speaker while increasing volume on the other. Control comes completely mounted on black and silver metal plate with ivory pointer knob plus attached wiring for connections to both speakers. With mtg. hardware and instructions. Shpg. wt., ½ lb.

MS-187 Net .64



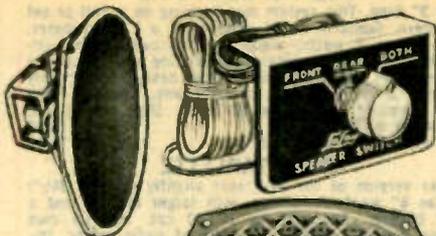
.49

3-WAY SPEAKER SWITCH

For use with two speakers. Three-position switch gives choice of front speaker alone, rear speaker alone, or both together. Comes completely assembled on black and silver metal plate with ivory indicator knob and attached wiring for connection to both speakers. With hardware and simple instructions. Shpg. wt., ½ lb.

MS-266 Net .49

REAR SEAT AUTO SPEAKER KITS



AS LOW AS
3.05

6" x 9" KIT WITH CHROME OR GOLD GRILLE

Complete kit for adding second speaker in rear of your car. Includes a 6x9" PM speaker, 3-position selector switch for cutting in front, rear, or both speakers; dial plate with mounting bracket, knob, and hardware; chrome or gold grille; wire; and wiring instructions. Simple to install. Shpg. wt., 5 lbs.

- SK-94 Speaker kit chrome grille Net 3.45
- SK-196 With gold grille Net 3.45

DELUXE 6"x9" KIT with 2.15 oz. ALNICO V MAGNET

Same as above but with deluxe speaker with extra-heavy Alnico V magnet (2.15 oz.). This is same speaker used in kits selling at twice the price. Shpg. wt., 5 lbs.

- SK-37 Speaker kit chrome grille Net 4.65
- SK-197 With gold grille Net 4.65

5" x 7" KIT

- Same as SK-94 but with 5x7" speaker and grille. 5 lbs.
- SK-42 Chrome grille Net 3.05
- SK-198 With gold grille Net 3.05

FADER TYPE AUTO KITS

Rear-seat speaker kits identical to those above except with fader-type controls to cut either speaker in or out or balance both. Shpg. wt., 5 lbs.

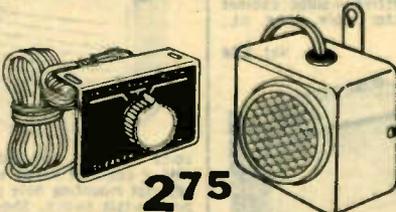
- SK-55 5x7" kit. Same as SK-42 but with fader control. Chrome grille Net 3.29
- SK-199 With gold grille Net 3.29
- SK-95 6x9" kit. Same as SK-94 but with fader control. Chrome grille Net 3.69
- SK-200 With gold grille Net 3.69

DELUXE 6" x 9" FADER KIT

Deluxe kit with extra-heavy-magnet 6x9" speaker, plus fader control. Shpg. wt., 5 lbs.

- SK-56 6x9" kit. Same as SK-37 but with fader. Chrome grille Net 4.89
- SK-201 With gold grille Net 4.89

LAFAYETTE REAR SEAT SPEAKER KIT



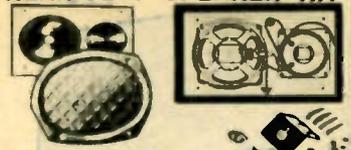
2.75

- Fits Compacts, Station Wagons • Fits Foreign Cars, Sports Cars • Prewired
- Self Contained • 3-Position Switch

Here is just the right rear seat speaker for your car. Pre-assembled, self contained, pre-wired switch. Easy to install, it will fit any auto radio in any domestic or Foreign car including station wagons and convertibles. Finished in a gleaming chrome shock resistant case, it can be hung up or clipped on almost anywhere. Includes all necessary wire, instructions and 3-position switch for front, rear or 2-speaker operation. Shpg. wt., 12 oz.

SK-179 Net 2.75

DUAL HI-FI REAR-SEAT SPEAKER KIT*

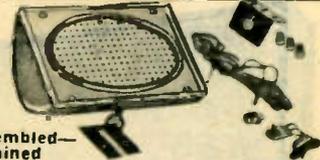


- Woofer-Tweeter-Crossover

"Universal" speaker kit includes two Alnico V units—a 5½" woofer and 3" tweeter with electronic crossover network; chrome grille and baffle which fits regular 6x9" cut-out; plus pre-wired, pre-soldered, 3-position switch.

SK-148 Shpg. wt., 4 lbs. Net 9.49
*See listing below for plug in adaptors for cars with factory supplied radios.

STATION WAGON REAR-SEAT KITS*



- Fully Assembled—Self Contained

A fully assembled, easy-to-install auxiliary speaker for all station wagons. Single 4x6" Alnico V speaker, chrome grille, swivel bracket, 3-position switch with dial plate and knob. Comes complete with installation instructions and wiring diagram.

SK-149 Shpg. wt., 3 lbs. Net 6.88
*See listing below for plug in adaptors for cars with factory supplied radios.

CHROME AND GOLD SPEAKER GRILLES



Handsome perforated metal grilles for rear-seat speaker use or other installations. Avg. shpg. wt., 1 lb.

CHROME GRILLES

- ML-17 4x6" Fig. A90
- ML-69 5x7" Fig. B79
- ML-16 6x9" Fig. C99

GOLD GRILLES

- ML-148 5x7" Fig. B79
- ML-149 6x9" Fig. C99

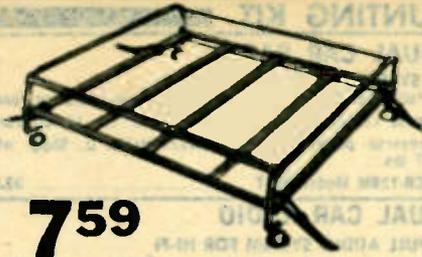
CUSTOM PLUG-IN ADAPTORS FOR ALL CARS WITH FACTORY-SUPPLIED RADIOS

Preassembled harnesses complete with required plugs, jacks and wire. Includes diagrams and instructions. Avg. shpg. wt., 3 oz.

For Buick, Chevrolet, Impala, Oldsmobile, Pontiac and Bonneville—All 1963 Models.

- MS-958 Net .59
- For Ford, Comet, Falcon and Rambler 1962-63. MS-959 Net .95
- For Buick 51-58; Chevrolets 55-58; Chrysler 49-54; Hudson 50-55; Oldsmobile 49-54; Pontiac 49-57; Willys 52-54. MS-934 Net .29
- For Chevrolet 53-54 and Automatic Radio EXCEPT Chrysler, DeSoto and Mercury 59-62. MS-935 Net .49
- For Ford 46-59; Lincoln 46-49; Mercury 46-49. MS-936 Net .69
- For Chrysler 55-62; DeSoto 55-62; Plymouth 55-62; Dodge 55-62 and Automatic Radios for Chrysler, DeSoto and Mercury 57-62. MS-937 Net .49
- For Lincoln 51-56; Mercury 50-62. MS-938 Net .29
- For Buick 59-62; Oldsmobile 59-62; Pontiac 58-62; Bonneville 59-62. MS-939 Net .49
- For Chevrolet 59-62; Impala 59-62; Lark 59-62; Studebaker 59-62. MS-940 Net .59
- For Rambler 58-59. MS-941 Net .69
- For Motorola Radios 54-62. MS-942 Net .29
- For Ford 60-62; Edsel 60-61; Falcon 60-62. MS-943 Net .49

AUTO ACCESSORIES



759

BASKET CARRIER

BASKET CARRIER—Take advantage of the low, low price. Five sturdy steel slats; all metal parts finished in baked-on auto enamel. Top quality web straps and gutter hooks. Four heavy-duty suction cups. Easy-to-assemble. 37 1/2" x 42 1/2". Shpg. wt., 20 lbs.
ML-214 Net 7.59

BAR CARRIER

BAR CARRIER—A quality product at a big saving! Rigid 1-piece construction with attractive, baked-on enamel finish. Suction cups assure positive grip. Completely assembled. 42" long. Shpg. wt., 5 lbs.
ML-213 Net 3.70

NYLON "BULLDOG" 10 FT. TOW CABLE

- 100% DuPont Nylon • 10-ft. Long
- Guaranteed 5,000 lb. Test Strength
- Attaches Instantly to Any Bumper

375

The perfect cable for towing ANYTHING UP TO 5,000 LBS. Constructed of heavy-duty, 1" wide, DuPont Nylon webbing that stretches 25% to take up shocks for smooth, safe towing. Oil, grease and water resistant tool Dual, self-aligning clip attaches to any bumper. Shpg. wt., 3 lbs.
AA-57 Net 3.75

EXPANSION LASH-TITE

295

- Powerful Lashing Device For All Loads
- Eliminates need for Ropes & Lashing Straps
- Stretches Up to Twice Its Length
- Eight Tentacles For Maximum Security

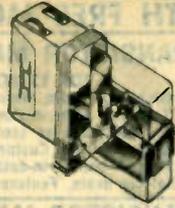
This "Octopus" type device lashes down any load, safely and securely in only a few minutes. The eight strands of powerful high tensile rubber expansion cords, covered with weatherproof fabric, eliminate any need for lashing straps or other tie down ropes. Each cord will stretch up to twice its 30" length and has a rugged steel spring fastened to its end, plastic coated to provide a positive, cushioned grip.
AA-82 Net 2.95

EMERGENCY FLASHING BEACON LIGHT

199

- Slips On Top of Auto Antenna
- Stands 8 Feet High
- Signals Help for Miles Around
- Plugs Into Cigarette Lighter

Here is the ideal way to safeguard your life in all highway emergencies. When trouble develops, simply slip light on top of the radio antenna and plug adapter into cigarette lighter socket. Instantly warns approaching drivers and protects you and your disabled car. Complete with 10 ft. cord and adapter plug. Shpg. wt., 1/2 lb.
AA-148 Net 1.99



CARDIO-MASTER

- Convert your Transistor Radio into a Car Radio
- For all Makes of Cars — Cabs — Trucks

298

Cardio master is a magnetic device designed to hold a portable transistor radio in the area of a car's windshield to make it operate as an auto radio. Car's owner can remove a radio from the Cardio master for use as portable or to avoid theft while the car is parked. Fits any "pocket" transistor radio. Will not come loose in the bumpiest roads. Includes magnetic base, brackets, hardware, adjustable band and complete, illustrated instructions.
AA-45 Shpg. wt., 2 lbs. Net 2.98

AUTO SAFETY BELT



- Exceeds 5,000 Lbs. Protection
- Metal To Metal Buckle for Instant Release
- For all cars except Cadillac

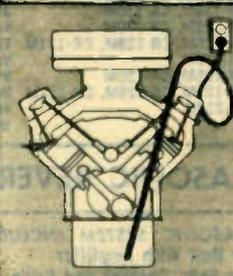
This 2" wide, 100% Nylon webbing belt provides the maximum protection needed for automobile driver and passenger. Exceeds SAE & GSA strength specifications to provide better than 5000 lbs. protection. The metal to metal buckle eliminates slippage of webbing within the buckle and gives instant positive action without danger of accidental release. Each belt has 100 inches of easy-to-adjust nylon webbing so that one size fits everyone. It is also equipped with single bolt fittings for easy installation and 3" load distributing metal washers for cars where frame mounting is not available. Shpg. wt., 2 lbs.
AA-61 Net 7.95

AUTO SAFETY KIT

- Can of Instant Flat Tire Sealant
- Road Flare Kit
- Anti-Fog Cloth
- Reader's Digest First Aid Handbook

299

A must for every auto. Anti-fog Cloth is chemically treated to keep glass free of steam, fog and mist. Instant Seal seals and inflates flats—tube and tubeless tires—without jack or tools. Road Flare Kit has 2 1-hour flares and extinguisher for road emergency safety. Reader's Digest First Aid Handbook tells you what to do, and not to do, before medical help arrives—can be the difference between life and death. Shpg. wt., 3 lbs.
AA-117 Net 2.99



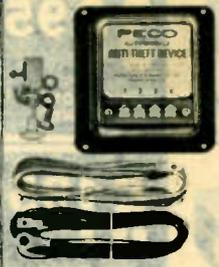
ELECTRO-DIP DIPSTICK HEATER

298

- For Fast Cold Weather Starts

Designed to keep crankcase oil warm while your car is turned off for the night. Permits easier starts in cold weather and faster engine warm-up. Uses about the same amount of electricity as a 100-watt light bulb. Costs only pennies a night to operate. Shpg. wt., 1 1/2 lbs.
AA-153 Net 2.98

AUTOMOBILE ANTI-THEFT PROTECTOR



Protects Your Car from Being Stolen

698

- Protects Your Car by Sounding An Alarm
- Prevents Ignition Switch from being Jumped
- Prevents Car's Lights and Accessories from Working
- Easy to Install

Here is the ideal auto protection for salesmen, servicemen, delivery vans, all motorists. Not only will it prevent your parked car from being stolen, but will also safeguard valuables in the trunk as well as parts under the hood. Sounds an alarm in case of attempted theft and completely immobilizes the car—ignition can't be jumped, lights and accessories will not operate. Instructions included for easy installation.
AA-111 Shpg. wt., 1 1/2 lbs. Net 6.98



EMERGENCY BLINKER

149

- MAGNETIC BASE
- OPERATES ON 2 FLASHLIGHT BATTERIES
- VISIBLE FOR 1000 FEET

Every motorist needs it. Bulb flashes 60 times a minute. Stands by itself on road; has hanger or magnetic base which holds it firmly to any metal surface. Rugged plastic dome. 5 3/4" diam. x 3 3/4" high. Shpg. wt., 2 lbs. With spare, non-blinking bulb for steady light, less batteries.
AA-99 Net 1.49
BA-157 #2 batteries (2 needed) ea. Net .13



S.O.S. Magnetic WARNING SIGNAL

159

- 4" TWO FACED PARABOLIC REFLECTOR
- NEW SUPER REFLECTOR SURFACE
- NO MOVING PARTS — BULBS — WIRES

The simplest, most dependable and practical safety device to protect you in emergencies. No moving parts—no wires or bulbs. Use on or off the car. Holds magnetically to car in any position at any angle! Warns traffic in both directions! Parabolic reflector is highly visible from front or rear! Ideal for hand signaling! Makes a perfect road "flare"! Stand it on the metal plate furnished and position it on curved roads! It can't tip or slide! Completely effective in case of tail-light failure! The sway of the arm keeps it in continuous motion to insure pedestrian protection.
HD-677 Shpg. wt., 1 lb. Net 1.59

PRIMETTA "FOGGLES"



FOR SAFER DRIVING: • AT NIGHT • IN SNOW • IN FOG • IN RAIN

A Zeiss Formulation Newly Developed Insures True Color Contrast

Night driving is safer and easier with Primetta Radar Night Glasses. Scientifically designed to protect the eye from the glare of headlights, street lights, etc. without materially reducing vision. Ideal while driving at night in the rain, fog and snow. The filter lens exclude all ultra violet rays. Designed for 20-20 vision. With heavy, suede-lined leather case. Shpg. wt., 6 oz.
AA-113 Net 2.69
Clip on "Foggles," with case, for use over existing glasses.
AA-123 Net 1.03

MOTOROLA

RADIOS for FOREIGN & DOMESTIC CARS ALL NEW TRANSISTORIZED AUTO RADIOS WITH FREE MOUNTING KIT



39⁹⁵

NO MONEY DOWN

5-TRANSISTOR MANUAL CAR RADIO

• FOR 12-VOLT SYSTEMS

A tremendous value in an all-transistor car radio. Hand-wired chassis with 5 transistors, 2 diodes, 1 thermistor. Built-in, Golden-Voice hi-fi speaker. Set plays as soon as you turn it on—no warm-up time required. Custom fits most cars, sport cars, trucks and boats—in-dash or under-dash installation. Features

full variable tone control, cool chassis operation, band pass circuit, automatic gain control. For 12-volt cars, reverse polarity. Size: 6⁷/₈Wx2¹/₂Hx7¹/₄"D. Shpg. wt., 7 lbs.

CR-128M Model 323T 39.95



51⁹⁵

NO MONEY DOWN

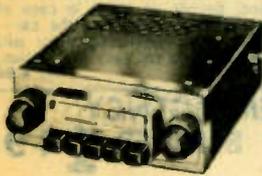
6-TRANSISTOR MANUAL CAR RADIO

• FOR 12-VOLT SYSTEMS • PUSH/PULL AUDIO SYSTEM FOR HI-FI

A flexible car radio with movable control shafts to accommodate the most difficult-to-fit cars. Push/Pull audio system gives smooth high-fidelity sound and delivers a full 12 watts of peak power output. Employs 6 transistors, 2 diodes and 1 thermistor in a hand-wired chassis. Low battery drain of only .5 amp. Fea-

tures Golden-Voice hi-fi speaker, full variable tone control, automatic gain control. Plays as soon as you turn it on—no warm-up needed. 12-volt cars, negative ground. Size: 7⁵/₈Wx2Hx5"D. Shpg. wt., 7 lbs.

CR-129M Model 3MT 51.95



54⁹⁵

NO MONEY DOWN

5-TRANSISTOR PUSHBUTTON CAR RADIO

• FOR 12-VOLT SYSTEMS

Simple, pushbutton convenience with all-transistor power and dependability. Hand-wired, transistor chassis means instant play without warm-up, cool chassis operation, and 64% less battery drain, only .7 amp. Full variable tone control, automatic gain control, band

pass circuit, plus the exclusive Golden-Voice hi-fi speaker. For 12-volt cars, reversible polarity. Size: 6⁷/₈Wx2¹/₂Hx7¹/₄"D. Shpg. wt., 8 lbs.

CR-130M Model 520T Net 54.95



59⁹⁵

NO MONEY DOWN

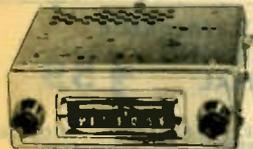
6-TRANSISTOR PUSHBUTTON CAR RADIO

• FOR 12-VOLT SYSTEMS

A new, all-transistor car radio designed to custom fit most domestic cars on the road. The push/pull audio principle results in smooth, uninterrupted sound. Delivers 12 watts of peak power output. Features 30% cooler chassis operation; 64% less

battery drain; instant play, no warm-up; full variable tone control; automatic gain control. Exclusive Golden Voice 6x9" speaker. Size: 9¹/₄Wx3Hx7¹/₄"D For 12 volt cars, negative ground.

CR-131M Model 12AT-3 (6x9 speaker) 59.95
CR-132M Model 12AT-3-15 (5x7 speaker) 59.95



39⁹⁵

NO MONEY DOWN

ALL-TRANSISTOR MANUAL CAR RADIO

• FOR 6-VOLT SYSTEMS

Compact, universal set designed to fit 6-volt sports cars, trucks, boats and older cars. Hand-wired, all-transistor chassis with 7 transistors, 2 diodes, 1 thermistor provides 2 watts undistorted output to built-in 5" Golden-Voice speaker. Features low 1-amp battery

drain, automatic gain control, antenna band pass filter, thumbscrew antenna trimmer, "Instant Play"—No warm-up necessary. Reversible polarity. Size: 6⁷/₈Wx2¹/₂Hx7¹/₄"D. Shpg. wt., 6 lbs.

CR-210M Model 413T Net 39.95

Full 2-year warranty on all parts and labor. Manufacturer's guarantee covers free exchange or repair of any component proven defective in normal use.

Consult This Chart To Determine Which Sets Fit American Cars, Sports Cars and Foreign Cars.

The below chart shows the make and model of cars which use the above Motorola Car Radios. The "Use-Set" column indicates the stock number of the radio or stock number when ordering. Also list make, model and year of your car.

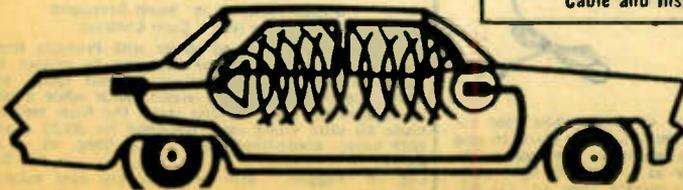
MAKE, MODEL AND YEAR	USE SET	MAKE, MODEL AND YEAR	USE SET	MAKE, MODEL AND YEAR	USE SET
Austin Healy '58-'63	CR-128M	Falcon '60-'63	CR-128M, CR-129M, CR-132M	Plymouth '58-'63	CR-128M, CR-129M, CR-131M
Borgward '58-'61	CR-210M	Fiat 600-1100 '58-'63	CR-128M	Rambler '59-'63	CR-128M, CR-129M
Buick '58-'63	CR-128M, CR-129M	Ford '58-'63	CR-128M, CR-131M	Rambler-American '60-'63	CR-128M, CR-129M, CR-132M
Buick Special (Cmpct) '61-'63	CR-128M, CR-129M, CR-131M	Hillman Minx '58-'63	CR-128M	Renault Dauphine 6 V. '55-'58	CR-210M
Chevrolet '58-'63	CR-128M	Karmann-Ghia (V.W.) '58-'63	CR-210M	Renault Dauphine 12 V. '58-'63	CR-128M
Citroen 1D-19, DS-19 6 V.	CR-128M, CR-129M	Mercedes Benz '58-'63	CR-128M, CR-130M	Studebaker Lark '59-'63	CR-128M, CR-129M, CR-131M
Citroen '58-'63 12 V.	CR-210M	M.G. Magnette, MGA '58-'63	CR-128M, CR-130M	Sunbeam Rapier '58-'63	CR-128M
Comet '60-'63	CR-128M, CR-129M	Morris Minor '58-'63	CR-128M, CR-130M	Taunus '58-'63	CR-210M
Corvaire '60-'63	CR-128M, CR-129M, CR-131M	Oldsmobile F-85 '61-'63	CR-128M, CR-129M, CR-131M	Triumph TR-3 '58-'63	CR-128M, CR-130M
Dodge Dart '58-'63	CR-129M, CR-131M	Opel '58-'63	CR-210M	Valiant '60-'63	CR-128M, CR-132M
Dodge Lancer '61-'62	CR-128M, CR-129M, CR-132M	Peugeot '58-'63	CR-128M, CR-130M	Volkswagen '58-'63	CR-210M
English Ford '58-'63	CR-128M, CR-130M	Pontiac Tempest '61-'63	CR-128M, CR-129M, CR-131M	Volkswagen Bus '58-'63	CR-210M
		Porsche '58-'63	CR-210M	Volvo PV-44, PV-344 '58-'63	CR-210M
				Volvo 12 V.	CR-128M

NEW—DRAMATIC MOTOROLA R-200 VIBRASONIC REVERBERATION SOUND SYSTEM

- Re-Creates Concert Hall Listening In Your Car
- Can Be Used With Any 12-Volt, Negative Ground Car Radio—AM or FM

- COMPLETE VIBRASONIC SYSTEM INCLUDES:
Transducer Unit With Amplifier
Control Mounting 6x9" Speaker and Grille
Cable and Installation Instructions

Now you can listen to the most dramatic sound of music ever heard inside a car with the Motorola R-200 vibrasonic reverberation sound system. The R-200 transducer unit compensates for the absence of reflected sound waves in autos. These reflected sound waves give concert hall music depth and dimension. The R-200 compensates for the absence of these reflected waves in a car by reproducing a second set of sound waves from a second speaker and acoustically mixing both sets of sound waves to deliver this new dimension in sound reproduction in a car. Can be added to any 12 volt negative ground radio—AM or FM. Shpg. wt., 6 lbs.



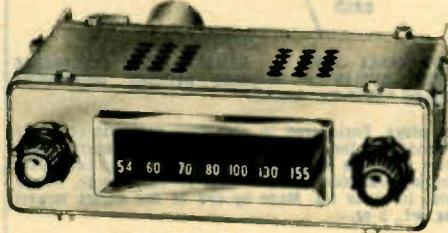
ONLY
29⁹⁵
NO MONEY DOWN

CR-200 Net 29.95

LAFAYETTE - For The Finest In Car Radio Listening

FAMOUS NAME ALL TRANSISTOR AUTO RADIO COMPLETE WITH FREE ANTENNA

- 5 transistors and 2 diodes
- Large easy to read illuminated dial
- Convenient underdash mounting
- For 12-volt negative ground installations



29⁹⁵ NO MONEY DOWN
\$5 monthly

A fine quality AM radio that utilizes "solid state" construction in a Superheterodyne circuit for trouble-free operation. Finger-tip tone control to adjust tone as you desire. Also contained is a electronic automatic volume control to keep signals strong and steady. This unit is exclusively hand wired for ruggedness—no printed circuitry. Fits under-dash or in-dash utilizing standard trim plates. Available for 12-volt negative ground installations. Neutral gray-tan baked enamel finish. Overall size: 5½" deep x 6½" wide x 2" high. Shpg. wt., 4½ lbs. CR-237M Net 29.95

NEW BLAUPUNKT ALL-TRANSISTOR FM, AM, SW and MB AUTO PORTABLE

- Use It As a Portable—Install it in Your Car
- 4 Bands—FM, AM, Shortwave and Marine Band
- Ten Transistors.
- Four Diodes

NO MONEY DOWN
\$5 monthly

99⁵⁰



Carry it as a portable or install it in your car using an optional easy-to-install adapter that disappears under the dash when not in use. Plays for approx. 300 hours on 6 inexpensive 1½-volt flashlight batteries (not supplied). A built-in ferrite antenna is used for AM reception; a retractable, pivoting telescopic antenna for shortwave/FM reception. Has push/pull output stage and sockets for earphone, tape recorder and record player. Also has a variable tone control for true hi-fi music reproduction. Attractively housed in a black leatherette case. Size: 9¾x7¼x3½". Shpg. wt., 7 lbs. Imported. CR-239WX Blaupunkt Auto-Portable Net 99.50
Universal Mounting Bracket, with lock, for auto use (6 or 12 volts—reverse polarity) CR-234 Net 19.00
"O" size flashlight battery (6 reg.) for portable use. BA-157 Net ea. .15

WORLD FAMOUS MOTOROLA MODEL FMC62 AUTO FM TUNER

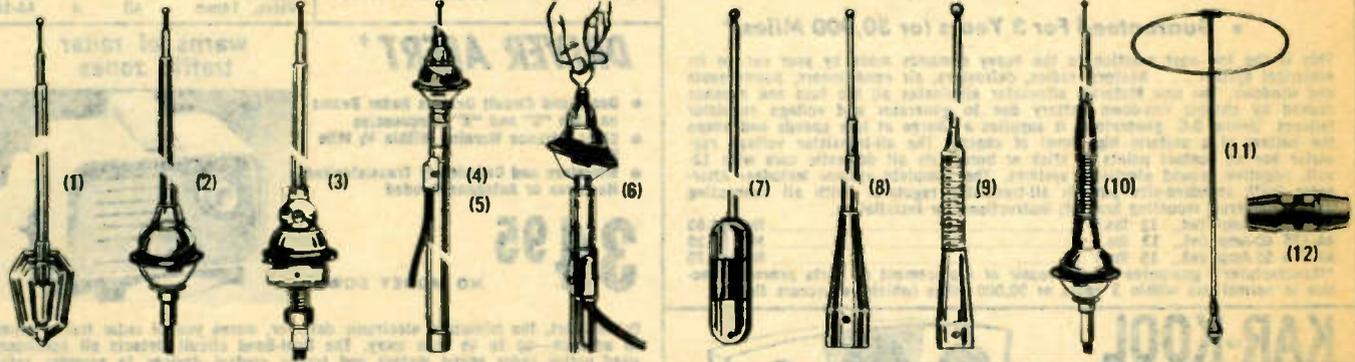
- Add an FM Tuner to your present car radio and experience the thrill of FM entertainment as you travel.
- Automatic frequency control
- Quick underdash installation
- For 12-volt negative ground installations



64⁹⁵ NO MONEY DOWN
\$5 monthly

The model FMC62 is available for those who prefer an FM tuner which operates through the AM radio. Compact underdash installation made quickly. Specs: 7 tubes; battery drain is 1.4 amps; tuning range is 88-108 MC; sensitivity—3 µv (avg); for 12 volt negative ground. Automatic gain and Frequency controls for "one setting" listening pleasure. Size: 6¾" wide, 2¼" high, 8¾" deep. Shpg. wt., 8 lbs. CR-235 Net 64.95

AUTO RADIO ANTENNAS



<p>CONTINENTAL SINGLE SIDE MOUNT (1) Continental single side mount for foreign cars. The only aerial that fits a Volkswagen. Flexible adjustment with unique vertical locking. 3 section. Extends to 56". Shpg. wt., 1 lb. AA-135 Net 1.98</p>	<p>LO-BOY DISAPPEARING ANTENNA (5) For shallow installations, foreign and sports cars. Takes only 9½" below fender or deck. Extends to 25" collapses to 3½". 36" permanent lead. Shpg. wt., 1 lb. AA-47 Net 2.29</p>	<p>SPRING BACK REPLACEMENT STAFF (9) One piece, stainless steel, spring mounted replacement staff. 28½" long overall. Mounts over stub of old antenna. Fits all cars. Simple set screw installation. Shpg. wt., 8 ozs. AA-40 Net .99</p>
<p>TOP COWL MOUNT (2) 3 section antenna measures 23" collapsed, and extends to 58". Mounts on polyethylene insulator. Shpg. wt., 1¼ lbs. AA-21 Net 1.89</p>	<p>KEY-TENNA (6) Slides completely into mounting base. Locks with key rendering the antenna theft proof. 16½" below fender, ext. 42". Shpg. wt., 1 lb. AA-136 Net 2.59</p>	<p>"FLEX-O-MATIC" UNIVERSAL ANTENNA (10) Heavy-duty, bounce-back, spring mount. Fully adjustable—mounts anywhere. 3 sections, 56" extended, 24" collapsed. 54" detachable lead. Shpg. wt., 2 lbs. AA-48 Net 2.79</p>
<p>UNIVERSAL MOUNT AERIAL (3) Can be mounted anywhere on car. Adjusts to any angle. 3 section, measures 24" collapsed, extends to 58" Complete with 54" lead. Shpg. wt., 1¼ lbs. AA-22 Net 2.49</p>	<p>ELECTENNA (7) Replacement antenna and coil. Measures only 17" long. Increase gain over standard 54" antenna by up to 100%. Installs quickly and simply. Shpg. wt., 1½ lbs. AA-31 Net 3.23</p>	<p>FM "HALO" ANTENNA (11) Doubles reception power of FM signals; gives superior AM reception. 16" diameter loop of aluminum flat wire. 29" high—chrome plated brass. Shpg. wt., 1½ lbs. AA-41 Net 4.95</p>
<p>DISAPPEARING ANTENNA (4) For concealed installations. Extends to 53". Fully collapsible—only mounting protrudes. 54" permanent lead. Shpg. wt., 2 lbs. AA-24 Net 2.59</p>	<p>REPLACEMENT ANTENNA STAFF (8) 3 section 50" replacement staff. Telescoping staff replaces antenna lost through accident or vandalism. Mounts on stub of broken antenna. Simple hex nut screw mount. Shpg. wt., 8 oz. AA-30 Net 1.10</p>	<p>COILTENNA (12) Boost performance of present antenna up to 400%. Quickly and easily installed. Fits all cars. Shpg. wt., 6 oz. AA-32 Net 2.37</p>

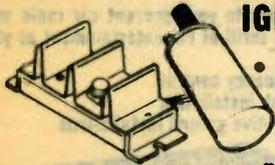


You Save On

LAFAYETTE'S AUTO ACCESSORIES

LAFAYETTE SPARK PLUGS

LAFAYETTE ELECTRONIC TRANSISTORIZED IGNITION SYSTEM

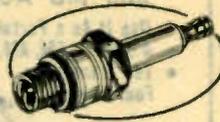


- INCREASES ENGINE ECONOMY—PAYS FOR ITSELF
- GREATLY EXTENDS POINT, SPARK PLUG AND CONDENSER LIFE
- LASTS FOR THE LIFE OF YOUR CAR
- HEAVY DUTY COIL 400:1 RATIO
- EASILY INSTALLED

6/12-Volt Negative Ground System

1995

With this new heavy-duty deluxe transistorized ignition system you forget about spark plugs because they last for the life of the car. Higher firing reliability reduces aging effects in the engine. Condenser is eliminated thereby making the routine replacement of this part unnecessary. More reliable starting, especially in winter—battery stays charged. Better coil reliability: heavy-duty coil is designed to run cooler. Gas mileage stays high; timing stays adjusted between check-ups. Installation is accomplished without modifying the engine or vehicle wiring—your conventional ignition system can easily be restored when you trade your car in. Complete system includes heavy duty 15 amp transistor amplifier with wiring harness, coil resistor and low inductance coil with mounting bracket. Specially designed amplifier chassis gives max. heat dissipation. Shpg. wt., 3½ lbs. AA-180 6/12-Volt Neg. Gnd. Net 19.95



.50 / 2 for .88
each

- PEAK PERFORMANCE PLUGS
- NEWEST ALLOY ELECTRODES
- PLATED STEEL SHELLS
- HI-GRADE CERAMIC INSULATORS
- DOUBLE-ROLLED "STAY-ON" GASKET

Low priced-high quality spark plugs. Engineered to give peak performance, more power, greater economy. Electrodes of the most modern alloy resist burning out. High density ceramic insulators take the heat of the hottest motors. Leak-proof internal seals prevent overheating and blow-by. Accurately rolled, smooth, strong threads. Extended shell shields insulator tip. Made by one of the worlds largest manufacturers. Imported. Shpg. wt., 3 oz.

CHOOSE FORM CHART DIRECTLY BELOW

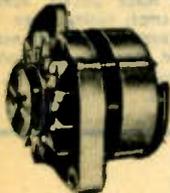
AA-158, AA-159, AA-160, AA-161 .50 ea; 2 for .88

CAR	YEAR	CYLIN- DERS	STOCK NO.	CAR	YEAR	CYLIN- DERS	STOCK NO.
Buick	53-62	8	AA-158	Mercury	46-54	8	AA-160
Buick Spec.	61-62	8	AA-160	Mercury	55-62	6/8	AA-161
Cadillac	55-62	8	AA-158	Meteor	All	6/8	AA-161
Chevrolet	53-62	6/8	AA-158	Olds	50-62	8	AA-158
Chev. "W" Ser.				Olds F-85	61-62	8	AA-160
V-8, ¾ Reach	58-62	8	AA-159	Opel	All	4	AA-160
Chev II	62	4/6	AA-159	Plymouth	55-62	8	AA-158
Chrysler Imp. N.Y.	55	8	AA-159	Plymouth	60-62	6	AA-159
C300 Ser.	55-58	8	AA-159	Pontiac	50-62	6/8	AA-158
All others	57-62	8	AA-158	Tempest	61	4	AA-158
Comet	60-62	6	AA-161	Tempest	61	8	AA-160
Corvette	54-62	6/8	AA-158	Rambler	54-55	6	AA-158
Alum. Hd.	60-62	8	AA-160	Rambler	56-62	6/8	AA-160
Dart/Lancer	60-62	6/8	AA-159	Renault	All	4	AA-160
Dodge	55-62	6/8	AA-158	Studeb.	56	8	AA-159
Edsel	58-60	6/8	AA-161		Gold H.		
Falcon	All	6	AA-161	Studeb.	46-62	6/8	AA-160
Ford	46-54	6/8	AA-160	T-Bird	All	8	AA-161
Ford	55-62	6/8	AA-161	Volks	All	4	AA-160
				Volvo, 14mm	All	4	AA-160

MOTOROLA

ALL-ELECTRONIC ALTERNATOR SYSTEM

LATEST DESIGNS



- 35-Amp System 50.63
- 40-Amp System 57.38
- 55-Amp System 60.75

- All-Transistor Voltage Regulator and 7-Diode Alternator
- Extends Battery Life

• Guaranteed For 3 Years (or 30,000 Miles)*

This is the low cost solution to the heavy demands made by your car on its electrical system . . . heaters, radios, defrosters, air conditioners, power seats and windows. The new Motorola alternator eliminates all the fuss and expense caused by chronic run-down battery due to generator and voltage regulator failures. Unlike O.C. generators, it supplies a charge at idle speeds and keeps the battery at a uniform high level of charge. The all-transistor voltage regulator has no contact points to stick or burn. Fits all domestic cars with 12-volt, negative ground electrical systems. The complete system includes: Alternator (with standard-size pulley); all-transistor regulator (with all connecting wires); universal mounting bracket; instructions for installation.

AA-174 35-Amp (wt., 12 lbs.) Net 50.63
AA-175 40-Amp (wt., 13 lbs.) Net 57.38
AA-176 55-Amp (wt., 15 lbs.) Net 60.75

*Manufacturer's guarantee covers repair or replacement of parts proven defective in normal use within 3 years or 30,000 miles (whichever occurs first).

KAR-KOOL



2995

NO MONEY DOWN

Drive in Air Cooled Comfort All Year Long Inexpensively

A fantastic new development in car comfort—cools air in seconds, instantly ends windshield fogging and steaming quickly clears tobacco smoke and odors. Here's how Kar-Kool works: using the principle of air expansion (expanding air is cooling air), the old air is drawn into the unit, compressed and released in an expanding state. The Kar-Kool motor runs at 4000 RPM which is produced by the car in motion, or directly from your 12 volt auto battery (uses only 2½ amps). The air movement is 2200 feet per minute, through each of the two air vents. The entire air in the car is changed twice each minute, while at the same time drawing out dirt, dust, tobacco smoke and odors. Operates with or without the car motor running. Equipped with mounting brackets, the Kar-Kool is quickly and easily installed under the car-dash by fastening two screws—operates off the cigarette lighter, or attaches to any live terminal in back of the dashboard. Attractive, sturdy extruded aluminum construction in contrasting black and silver. Features a large screen-guarded air intake vent and two flanking manually adjustable outlet vents for directing cooled air flow. For all cars with 12 volt systems. Size: 17¼Lx8Wx7¾"H. Shpg. wt., 6 lbs. AA-134 Net 29.95

DRIVER ALERT*

warns of radar traffic zones

- Dual Band Circuit Detects Radar Beams on Both "S" and "X" Frequencies
- Gives Advance Warning Within ½ Mile Range
- Miniature and Completely Transistorized
- No Wires or Antennas Needed

3495

NO MONEY DOWN



Driver Alert, the miniature electronic detector, warns you of radar traffic zones in advance—up to ½ mile away. The Dual-Band circuit detects all commonly used police radar speed meters and traffic control devices to promote safer driving. Miniaturized and completely transistorized. Driver Alert does not require wires or antennas. Constructed of top quality components; printed wiring; 8 transistors; two 1,000 hour mercury cell, self-testing batteries (equivalent to 35,000 miles of driving at 35 M.P.H.) Magnesium case eliminates radio, TV and other interference. Weighs only 13 ozs., measures 3¾Wx2¼Hx3¼"D; clips to sunvisor. Complete with batteries, sunvisor clip. Instructions included. AA-104 Sho. wt. 1½ lbs. Net 34.95

*This item not intended for resale in States where its use is forbidden in motor vehicles by public regulation.

AUTO-BOAT COMPASS

AS LOW AS

375



Mounts anywhere on cars-boats-trucks-tractors-motor-cycles. Non-glare, universal mounting bracket. Most easily compensated compass available. Just a twist of the bottom or top knob. Large viewing window and figures for ease of reading. Includes mounting accessories and instructions. Illuminated model includes both 6 and 12-volt bulbs. Shpg. wt., 1 lb.

F-322 Non-Illuminated Net 3.75
F-323 Illuminated Model Net 4.49

SPARK PLUGS - TUNE UP KITS - CONVERTERS



DISKOMATIC
100% AUTOMATIC



- Precision made replacement for all ordinary SPARK PLUGS
- Reacts AUTOMATICALLY to all engine temperature changes
- For the higher horsepower, compression and voltage of modern cars

100% AUTOMATIC SPARK PLUGS

Check chart below for correct type for your car

These amazing Thermo-statically Controlled spark plugs are different both in construction and in performance. Built to deliver up to 40% more voltage to the points, they produce more power, and greater gas savings! Special chamber sets up a combustion turbulence each time the plug fires, keeping the insulator and points always clean of carbon lead and oil deposits! At low speed stop-and-go driving the Thermo-Disk Automatically moves away from the electrode producing a spark so hot that it completely burns away all lead and carbon deposits. At higher speeds the Thermo-Disk again Automatically moves back to the electrode preventing power-robbing pre-ignition! The exclusive Monitor-type Ventilated Brass cap prevents overheating. Equipped with OH⁺ non-pitting, non-burning electrode that assures Longer Gap Life and Instant starting! Insulators are of a specially designed heat dissipating type. Has special built-in double locking gaskets. No compression leakage! Shpg. wt., per set of 6; 1 1/2 lbs.; per set of 8; 2 lbs.

Use This Chart To Select Proper Type for Your Car

MAKE	YEAR	TYPE	MAKE	YEAR	TYPE	MAKE	YEAR	TYPE
Buick	56-63	9C	Chrysler	59-63	9C	Plym, 6 Cyl.	60-63	22C
Cadillac	56-63	9C	Corvette	All	9C	Pontiac	50-63	9C
Chevrolet	58-63 "W"		Oedge	56-63	9C	Rambler	All	9C
	Ser V8 and II	22C	Ford	46-54	9C	Renault	All	9C
Chevrolet	56-63 (others)	9C	Ford	55-63	45C	Studeb.	56 Gold H	22C
Chrysler	46-54	9C	Mercury	46-54	9C	Studeb.	53-63	9C
Chrysler	54 Wind V8	22C	Olds	55-63	45C	T'Bird	All	45C
Chrysler	55-58 Wind V8	9C	Olds	50-63	9C	Volk's Wag.	All	9C
Chrysler	54-58 N. York		Opel	All	9C	Volvo	All With	9C
	and Imp V8	22C	Plymouth	56-63	9C	14mm Heads		9C

Stock No.	Type	Description	Net	Stock No.	Type	Description	Net
AA-132	9C	Set of 4	4.40	AA-95	22C	Set of 8	9.20
AA-92	9C	Set of 6	6.90	AA-96	45C	Set of 6	6.90
AA-93	9C	Set of 8	9.20	AA-97	45C	Set of 8	9.20
AA-94	22C	Set of 6	6.90				

ORDER BY STOCK NUMBER ONLY.

SPARK PLUG WRENCH AND GAP GAUGE SET

For removal of most spark plugs and adjustment of spark gap. Gauge provides 6 different gaps. With wrench handle. Shpg. wt., 1 lb. IMPORTED.

NO-898 Net .77

IGNITION CABLE SET



Auto & Marine
—4, 6 and 8
Cylinder Engines

• Easier, Quicker, Surer Starts in All Weather

• Seals Out Dirt, Dampness, Rain, Snow

Eliminate car starting problems in any weather. Ideal for marine use too. Keeps the moisture out, the spark in. 8-cylinder set consists of 27 1/2-ft. ignition wire, 8 angle spark plug terminals, 8 straight spark plug terminals, 10 distributor wire terminals, 8 spark plug protectors (plastic drycaps), 9 distributor nipples, 1 ignition coil nipple (plastic hydra-caps). Shpg. wt., 2 lbs. AA-130 Net 2.79

4 & 6-CYLINDER SET. As above but with 20-ft. ignition wire; 8 distributor wire terminals; 7 distributor nipples; 6 each angle spark plug terminals, straight spark plug terminals, spark plug protectors; 1 ignition coil nipple. AA-131 Net 2.19

AUTO LAMP REPLACEMENT KIT

AS LOW AS 2.00

• Original Equipment Replacements

Complete set of lamps to replace burned out auto lamps except headlights. Contains 2 stoplight, Signal, Tail and parking lamps; 1 ea. Courtesy lamp, Dome lamp, Signal lamp, Dash lamp, Glove compartment lamp, 2 license plate lamps. 2 small dash lamps. Shpg. wt., 8 ozs.

PL-110 G.M. and Chrysler Prod. 6V Net 2.25
 PL-111 G.M. and Chrysler Prod. 12V Net 2.00
 PL-112 Ford Products 6V Net 2.10
 PL-113 Ford Products 12V Net 2.15

REPLACEMENT LEADS & SUPPRESSORS



Replacement lead (G) 54" Universal. Shpg. wt., 1 lb.

AA-37 Net 1.38
 AA-38 Universal extension lead, 24 inches Net .45
 AA-39 Universal extension lead, 36 inches Net .75

Noise Suppressor Kits (N). For all 6-cylinder cars. Includes sparkplug suppressors, distributor suppressor, generator and light or ammeter capacitors. With instructions. Shpg. wt., 6 oz.

MS-418 Net 2.88
 MS-419 for 8-cylinder cars Net 3.00

ADAPTERS—JACKS—PLUGS—CONNECTORS

(A) (B) (C) (D)

MS-411—(A) Adapter converts Motorola to Delco fitting Net .89
 MS-412—(B) Motorola jack Net .13
 MS-413—(C) Motorola plug Net .10
 Antenna connector (D) Spring-loaded. Use between lead-in and auto radio.

MS-414 Net .18

AUTO BUTLER—SWING-AWAY LITTER CONTAINER

• Fits Every Car
 • Swings Away Out of Sight
 • Removable Washable Plastic Container

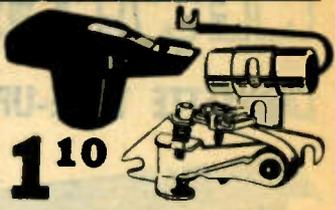
Keep your car clean with this easy-to-install Auto Butler. Swings under the dash, keeps litter out of sight. Washable, heavy-duty vinyl container has 125 cubic-inch capacity. Every car should have one.

AA-91 Shpg. wt., 12 oz. Net .89

Ignition TUNE UP KITS

- Preassembled-Matched — Ventilated Points • Precision Engineered For YOUR Car • Heavy Duty — Longer Operating Life • Install Quickly, Easily — No Special Tools Required

*Windsor & Saratoga †Except CC Dist. & D-500 **Except IBS Dist. ††New Yorker & 300 As Low As



Replace worn ignition parts for increased performance—easy starting—more gas economy. Needs no special tools. Factory assembled, perfectly matched and aligned, heavy duty points. Ventilated for cooling and self-cleaning action. Hi-dielectric rotor won't leak impulses. Moisture proof condenser. Complete set installs quickly and easily—in minutes. Shpg. wt., 10 ozs.

Car Model	Year	Stock #	Net, ea.	Car Model	Year	Stock #	Net, ea.	
Ambassador	56-59	AA-73	2.55	Falcon	60	AA-83	1.55	
	60-62	AA-80	1.70		60-62	AA-76	1.10	
Buick	53-56	AA-70	1.60	Ford, 6 cyl.	49-62	AA-76	1.10	
	57-62	AA-74	2.35	8 cyl.	49-53	AA-76	1.10	
Cadillac	51-55	AA-68	1.70	8 cyl.	54-56	AA-77	1.10	
	56-57	AA-73	2.55	8 cyl.	57-59	AA-78	1.35	
	58-62	AA-74	2.35	8 cyl.	60	AA-83	1.55	
Chev., 6 cyl.	53-60	AA-69	1.35	Lincoln	52-56	AA-77	1.10	
8 cyl.	55-56	AA-71	1.60		58-59	AA-78	1.35	
	57-60	AA-74	2.35		60-62	AA-83	1.55	
Chrysler, 6 cyl.	50-54	AA-63	1.45	Mercury	49-53	AA-77	1.10	
8 cyl.	51-55	AA-64	2.35		54-56	AA-77	1.10	
*8 cyl.	56	AA-66	1.53		57-59	AA-78	1.35	
*8 cyl.	57-59	AA-65	1.55		62	AA-83	1.55	
††8 cyl.	60-62	AA-80	1.70	Oldsmobile	51-54	AA-68	1.70	
Comet	60-62	AA-81	2.89		55	AA-72	1.59	
Continental	56	AA-77	1.10		56-62	AA-74	2.35	
	58-59	AA-78	1.38	Plymouth †6 cyl.	50-60	AA-83	1.45	
	60-62	AA-83	1.55	(CC Dist.) 8 cyl.	60-62	AA-79	1.75	
Corvaire	60-62	AA-82	1.85		60-62	AA-84	2.35	
DeSoto	56	AA-66	1.53		8 cyl.	55	AA-66	2.53
	57	AA-65	1.55		*8 cyl.	56	AA-65	1.55
	58-62	AA-80	1.70	(IBS Dist.) 8 cyl.	57-60	AA-81	2.89	
	(Advtr.) 60-62	AA-81	2.69	Pontiac	55-56	AA-72	1.90	
Dodge †6 cyl.	50-60	AA-63	1.45		57-62	AA-74	2.35	
(CC Dist.) 6 cyl.	60-62	AA-79	1.75	Rambler, 6 cyl.	50-55	AA-67	1.25	
8 cyl.	53-55	AA-64	2.35	6 cyl.	56-59	AA-75	1.60	
8 cyl.	56	AA-66	1.53	(6010) 6 cyl.	60-62	AA-69	1.35	
†8 cyl.	57-60	AA-65	1.55	8 cyl.	57-59	AA-73	2.55	
(CC Dist.) 8 cyl.	60	AA-80	1.70	8 cyl.	60-62	AA-80	1.70	
(D-500) 8 cyl.	60	AA-81	2.89	Studebaker	51-59	AA-68	1.70	
Edsel, 6 cyl.	59-60	AA-76	1.10		60-62	AA-73	2.55	
	58-59	AA-78	1.35	Valiant	60-62	AA-79	1.75	

UNIVERSAL 6 & 12 VOLT VIBRATORS

All types may be assorted for quantity prices.

AS LOW AS .95

Direct replacements for most popularly-used types. All brand new factory-fresh stock. Made by leading national manufacturers. Fully guaranteed. Shpg. wt., 1/2 lb.

STOCK NO. MS-14 6-VOLT 4-PRONG

Replaces MALLORY 294, 859, 901M, Radiart 5300, 5301; and many others.

STOCK NO. MS-127 12-VOLT 3-PRONG

Replaces Buick, Olds, Pontiac and GM part no. 122-0155; Mallory G874, CD 6330, Delco 8550; and Vokar 3129.

STOCK NO. MS-128 12-VOLT 4-PRONG

Replaces Mallory G859, Motorola 4B522000, Philco and Mapar 83-0025-1, AYR 1340, Vokar 4124; and most later 12-volt car-radio vibrators.

Lots of 1-4 5-9 10-24 25-99 100
 Net ea. 1.29 1.19 1.09 .99 .95

MALLORY REPLACEMENT VIBRATORS

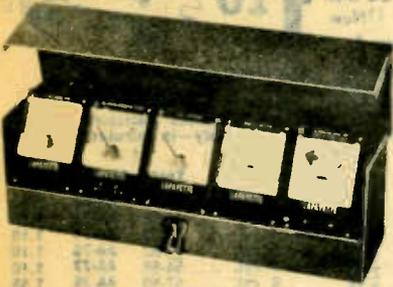
Replacements for all popular sets. Consult "Mallory Vibrator Guide" for correct replacement unit. Mallory Vibrator Guide. Free with order for Mallory Vibrators.

VB-58 Net .15

Stock No.	Type No.	Net ea.
VB-25	4 VOLTS W1601/W859	2.88
	6 VOLTS	
VB-29	294	2.88
VB-31	509P	2.44
VB-32	716	4.53
VB-44	1601/859	2.76
VB-46	1604/1100	2.88
VB-47	1701	5.85
VB-53	1802/245	4.53
	12 VOLTS	
VB-39	G294	5.03
VB-12	G1501/G4501	4.06
VB-13	G1601/G859	2.76
VB-14	G1602/G883	2.76
VB-16	G1801/G4549	5.03

NEW! Lafayette ELECTRONIC TUNE UP LAB

LAFAYETTE TUNE-UP LAB



Complete
Tune-Up Lab
with Case

6250

No Money Down

Save \$15.70
From Individual Prices

Now you can tune your engine scientifically without a big investment in costly, heavy test equipment. Precise, compact hand-held testers with easy-to-read 2 1/2" meter movements. Rugged phenolic case with long alligator clip leads. Buy the complete "lab" or the instrument you need first. Add other units later. Complete instructions included. Overall dimensions approx. 4x2 1/2x1 1/2". Complete tune-up lab with case. Shpg. wt., 8 lbs.
AA-166 5 Testers Plus Case

Net 62.50

SINGLE TEST UNITS



As Low As

1088
Regulator-Generator
Tester

COIL TESTER. Tests coils on or off engine. Also checks shorted condensers. Shpg. wt., 1.5 lbs.
AA-167 Net 14.95

REGULATOR-GENERATOR TESTER. 0-8, 0-16 V. DC ranges for 6 & 12 volt systems with external 1/4 ohm resistor. Shpg. wt., 1.5 lbs.
AA-168 Net 10.00

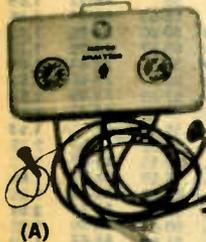
TACHOMETER. Checks engine rpm, cylinder balance. 2 ranges: 0-1200 rpm, 0-1600 rpm. For 4, 6 and 8 cylinder cars. No Jitter. Color coded scale. Shpg. wt., 1.5 lbs.
AA-169 Net 21.00

DWELL METER. Accurately measures cam angle at all engine speeds. 2 scales. For 4, 6, 8 cylinder engines; 6 or 12 volt. Uses solid state circuitry. Shpg. wt., 1.5 lbs.
AA-170 Net 14.95

ALTERNATOR DIODE AND IGNITION WIRE TESTER. Tests diodes in and out of alternator. Checks windings and ignition wire. Simple to use. Shpg. wt., 1.5 lbs.
AA-171 Net 11.59

AA-172 Case only Shpg. wt., 1/2 lb. Net 3.95

AUTOMOTIVE TESTING EQUIPMENT



(A)

1595

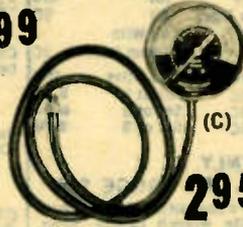
(B)

198



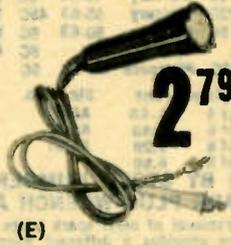
(D)

299



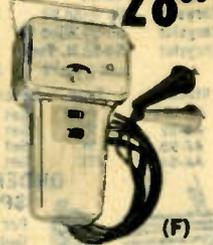
(C)

295



(E)

279



(F)

2850

(A) MOTOR ANALYZER

All the advantages of a well-equipped service shop in a light, hand-held package. Ideal for do-it-yourselfers, sports car Rallyers, etc. The Analyzer enables you to test ignition coil output, spark plugs, insulation breakdowns; locates poorly adjusted carburetor, sticky or burnt valves, weak valve springs; checks valve timing, choke, muffler, vacuum tank, manifold, fuel pump vacuum and pressure and vacuum operated equipment. 14Wx7 3/4Hx3 1/2"D. Shpg. wt., 5 1/2 lbs.

Net 15.95

AA-49

(B) REMOTE STARTER SWITCH

Eliminates the need of a second man when making compression, fuel pump, generator, starter, and electrical tests. Permits the mechanic to crank the engine from any position. Shpg. wt., 1/2 lb.

Net 1.98

AA-50

(C) MOTOR GUIDE-VACUUM FUEL PUMP TESTER

Combination motor guide, vacuum and fuel pump tester, 4 color zones: Economy Driving, Fast Pick-up, Coasting and Idle. Promotes good driving habits and economical gas mileage. Warns when tuneups are necessary. Shpg. wt., 12 oz.

Net 2.95

AA-51

(D) COMPRESSION TESTER

Gives quick, accurate readings of compression pressure. Merely unscrew the spark plug, plug tester into spark plug hole and read pressure. 2 1/2" dial reads to 300 lbs. Stem is offset 15° for reaching back cylinders. Complete with instructions. Shpg. wt., 12 oz.

Net 2.99

AA-52

(E) STANDARD TIMING LIGHT

Employs the stroboscopic principle of light synchronized with motion for adjustment and setting of ignition timing under actual operating conditions. Shpg. wt., 1 lb.

Net 2.79

AA-53

(F) TACHOMETER

Here's the instrument for the most important check of an engine's performance: the RPM test. Tests 4, 6 and 8 cylinder engines with both 6 and 12 volt systems. Operated by two inexpensive penlight batteries which last about a year. Large dial reads 0-1000 and 0-5000 RPM. Shpg. wt., 2 1/2 lbs.

Net 28.50

AA-54

CAM-DWELL INDICATOR



395

A high quality instrument for solving all CAM-DWELL problems. Checks the number of degrees a distributor can rotate while the breaker points remain closed. Too much rotation means points are set too close, too little means breaker points are not closed long enough for adequate build up of the magnetic field in primary coil, permitting arcing across points. Requires no electrical outlet. Distributor need not be removed. Compact, portable. Complete with case and includes chart showing specifications for all popular cars.

Net 3.95

AA-98

NON-THERMO BATTERY HYDROMETER

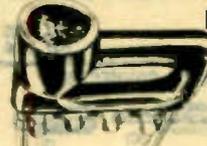


Perfect for testing small batteries and batteries mounted in close quarters. Three-color float scale clearly marked "Poor," "Fair," "Good." Soft rubber tip will not damage battery plates. Float calibration: 1.100-1.300 in .05 subdivisions.

Net 1.29

AA-140

HANSEN BATTERY CELL TESTER



479

The Hansen Model 12 Tests battery cells under load simply, accurately! Special alloy shunt between adjustable legs places 200 amp load on battery during test. Eliminates guesswork of unloaded testing. 3-color dial reads bad, weak, and good battery condition. Rugged molded grip design fits all batteries. Indicates ability of battery to delivery power. Locates corroded cables, loose connections, etc.

Net 4.79

AA-139

THE AUTO BARO-ALTIMETER

- Shows Changes in Altitude While Driving
- Forecasts Weather

595

Forecasts weather and indicates your exact altitude. Meter reads altitude from -400 to 10,000 feet above sea level, housed in durable vibration-proof plastic case. Complete with mounting bracket, installation and operation instructions.

Net 5.95

F-483 (Imported)



6-12 VOLT AUTO, BOAT AND TRAILER TESTER



(A) Use this tester on any low voltage system from 3 to 24 volts. One can quickly find broken wires, loose connections, bad fuses, faulty sockets, etc. This tester is ideal for boat owners or anyone who tinkers around with his automobile.

Net 1.39

AA-137 Shpg. wt., 3 oz.

(B) SPARK-PLUG TESTER. The new Marfree "Spark-Plug Tester" will quickly find a shorted plug by just placing the tester over the insulator or the distributor cable. Also doubles as a screw driver.

Net .89

AA-138 Shpg. wt., 3 oz.

GLENN'S NEW AUTO REPAIR MANUAL '51-'62

Bigger and more comprehensive than ever! More than 1,200 large 6 1/2"x10" pages; 3,000 how-to-do-it pictures; 250,000 car repair facts. Covers every essential repair process carried on in the service field. The book is logically arranged by topics, starting with a comprehensive chapter on trouble shooting to assist the mechanic in locating the defective unit. The new 1962 Appendix contains all specifications required to service American automobiles and also over 100 current production models of the 35 largest foreign car manufacturers. Also contained is a truck section.

Net 7.60

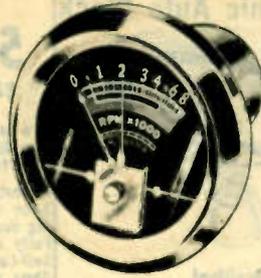
BK-40 Postpaid in U.S.A.



SAVE MORE WITH LAFAYETTE AUTO ACCESSORIES!

NEW! LAFAYETTE TRANSISTORIZED TACHOMETER

- Accurate 0-8,000 RPM Scale
- Adjustable Shift Point Indicator
- Economy Range-Finder
- Easy to Install



ONLY **19⁹⁵**

Here is the modern electronic guide to big gas savings, full power and longer engine life. The Lafayette Tach helps you shift right, tune right, drive right. Features an "Adjustable Speed Shift Indicator" that shows exact shift points for fastest acceleration, and "Economy Range-Finder" that indicates engine's safest, most economical operating range. Handsome 3-color illuminated dial has accurate 0 to 8,000 RPM scale. Dependable transistor design; self-contained with chrome head. Easy 5-minute installation on any car. Shpg. wt., 1 lb.

- AA-114 For all 8-cyl., 12-volt, neg. ground cars. Net 19.95
- AA-115 For all 6-cyl., 12-volt, neg. ground cars. Net 19.95
- AA-116 For all 4-cyl., 6-volt, neg. ground cars. Net 19.95

NEW DWELL TACHOMETER

- Tunes up electronically, any car ever made

NO MONEY DOWN

2935
\$5 monthly

Made in U.S.A.



Completely Wired—Not a Kit!

A complete ready-to-use Dwell Meter and Tachometer which will operate on any car ever made. Tests cam Dwell angle and engine RPM on 4, 6 or 8 cylinder cars, 6 or 12 volt right on the engine. Giant, 6 1/2 inch easy-to-read meter makes it simple for anyone to adjust points which are slightly worn or pitted. Adjusts carburetors to insure maximum gas economy and quiet engine running. RPM readings are also essential to properly service automatic transmissions. Three dwell angle scales are provided: 0 to 45 degrees, 0-60 degrees, and 0 to 90 degrees. This instrument is suitable for dwell angle adjustment on all foreign and domestic cars. Dual range tachometer 0 to 1000 rpm for precise carburetor adjustments, 0 to 5000 rpm, suitable for making all other tests at high engine speeds. Operates on 2 inexpensive "C" cells. Shpg. wt., 4 lbs.

- AA-165 Net 29.35
- BA-156 Extra "C" Batteries, 2 Required ea. Net .13



CAM-DWELL TESTER

- Compact, Portable, Rugged
- For 6 and 12-Volt Systems
- For 4, 6 and 8-Cylinder Engines

19⁵⁰

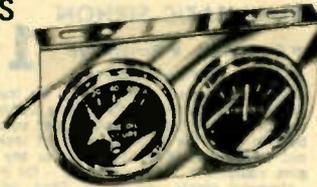
A completely self-contained transistorized unit that is essential for precise setting of cam-dwell angle on 4, 6 or 8-cylinder cars. It measures the average number of degrees the points are closed on an easy-to-read two-scale meter. Operates on either 6 or 12-volt ignition systems. Inexpensive internal battery (not supplied) provides long operating life. Accuracy is maintained within one degree regardless of breaker point condition or coil resistance. High impact black phenolic case measures 6 1/4 x 3 1/4 x 2 1/2. Shpg. wt., 2 1/2 lbs.

- AA-152 Net 19.50
- BA-156 Battery For Above Net .13

LAFAYETTE ILLUMINATED AMMETER & OIL PRESSURE GAUGES

499

- Complete with Cable and All Standard Fittings



Keep a constant check on the condition and performance of your car's electrical and oil pressure systems. The ammeter calibrated in a 60-0-60 scale measures the actual rate of current flow, helps prevent generators from burning out and overcharging or discharging the battery. Exact oil pressure from 0 to 80 lbs. is indicated. Easily installs in any 6 or 12 volt car below the dash, without drilling or can be mounted right in the dash. Both meters are mounted in an attractive chrome panel. Easy to read meters feature 1 3/4" diam. black dial faces with calibrations in white. Size: 5 1/8 x 2 7/8 x 2 1/4" D. Supplied with 6 and 12 volt bulbs and wire, all necessary fittings plus full instructions.

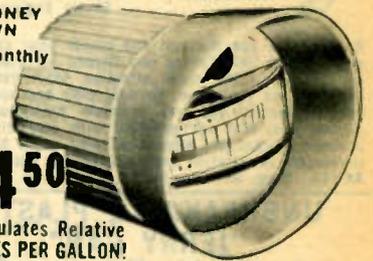
- AA-105 Imported. Shpg. wt., 1 1/2 lbs. Net 4.99
- MS-912 Tee Fitting Net .49

ELECTRONIC MPG COMPUTER

NO MONEY DOWN
\$5 monthly

24⁵⁰

- Calculates Relative MILES PER GALLON!
 - Measures Engine SPEED!
 - Computes Relative GAS CONSUMPTION!
 - Easily Installed
- NO Gas Line Connections!



An all-electronic instrument engineered to be your guide to fuel economy. Measures relative miles per gallon at all speeds. Gives a visual indication of optimum operating efficiency. Guides you to the economy of smooth acceleration, proper cruising speed, the best gas for your car. Pays for itself in gas savings. Easy-to-read, illuminated indicator mounts above dash. Simple installation—no gas line connection—only three wires to connect. Requires no automotive knowledge for installation. Complete unit includes illuminated indicator head, transducer, cable and instruction manual. For 12 volt, negative ground systems. Shpg. wt., 3 lbs.

- AA-144 Net 24.50

ILLUMINATED VOLTMETER KIT

649

- Replaces Auto Red-Light Indicator

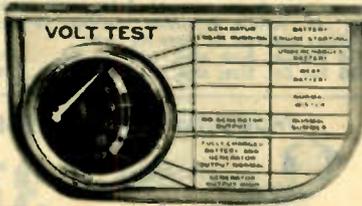
- Indicates Battery Voltage
- Large 2" Illuminated Meter



Designed for the car owner who desires more than a red light to indicate electrical system performance. May be installed on any generator equipped auto having either a 12-volt positive or negative ground system. Complete with bracket for under-the-dash mounting, 6/12-volt illuminating kit, hardware and instructions.

- AA-154 Shpg. wt., 1 lb. Net 6.49

"VOLT-TEST" ILLUMINATED VISUAL INDICATING VOLTMETER



770

- Indicates Battery Condition, Generator and Voltage Regulator Performance

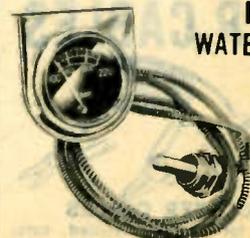
May be installed on all 12-volt automobiles having either a positive or negative ground system (NOT for Alternator equipped cars). Voltmeter is mounted in colorful lithographed panel. Meter calibrations are extended in matching colors to panel on which complete explanation of meter reading is printed. Includes 12-volt bulb and socket, wire and complete installation instructions. Shpg. wt., 1 lb.

- AA-151 Net 7.70

ILLUMINATED WATER TEMPERATURE GAUGE KIT

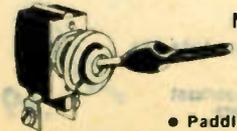
- Range 100-220° F
- 2" Diameter Dial
- Hermetically Sealed

488



Heavy-duty vapor tension thermometer which indicates from 100 to 220 degrees fahrenheit on a 2" diameter dial. Has 72" of armored capillary tubing with 1/8" male pipe thread adapter plus hose adapter for installation direct to radiator hose or motor block. Includes under-the-dash mounting bracket, 6/12-volt illuminating kit, hardware and instructions. Shpg. wt., 2 lbs.

- AA-163 Net 4.88



NEW! AUTOMOTIVE TOGGLE SWITCH

.99

- Paddle Handle—Flick Action

Rated 6 Amp 125V or 3 Amps 250 V. Max. Designed for dash board or instrument installation. Measures 1 3/8" long x 1/2" W. mounting shaft 3/8" L. 3/8" Diam. 1 3/8" Toggle. Shpg. wt., 3 oz. Imported.

- SW-84 Net, ea. .99 In lots of 10, ea. .95

HANDY AUTO ACCESSORIES FOR BETTER CAR CARE



Lafayette
HOT CAR-GO
Starts Your Car
INSTANTLY

- Starts Wet or Cold Motors Instantly
- Saves Battery and Gasoline
- Installs Easily and Quickly
- 6 and 12 Volt Cars

2.95

Avoid excess wear and tear on your motor and battery—install Lafayette's Hot Car-Go. Provides 5 times the normal spark for fast starting in any weather, and automatically disconnects when engine is running. Will not damage plugs or distributor. Simple to install—instructions included. Shpg. wt., 1 lb. Imported MS-784 Net 2.95



TIMING & OCTANE SELECTOR

Increases Gas Mileage & Horsepower

- Advances or Retards Spark As You Drive
- Spark Indicator Light Shows Engine Load

Recover the gas mileage and power your car is now wasting with this Timing and Octane Selector. Enables you to dial-in the most effective spark timing from the dash, as you drive. Harmful ping and spark knock are eliminated—you get premium performance from regular gas. Will not interfere with your distributor's advance mechanism. Mounts on your dash. Simple, do-it-yourself installation instructions—no tools needed. AA-112 Shpg. wt., 1 1/4 lbs. Net 4.54

UNBREAKABLE PLASTIC "JERRY CAN"

- For Gas, Water, Juice, Oil—Car, Boat, Barbecue, Lawn Mower
- Will Not Rust, Corrode, Break or Shatter
- Reversible, Self-storage Spout

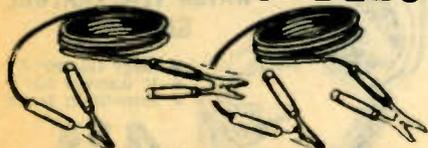


110

Lightweight, unbreakable plastic can ideal for carrying any liquid, for any use. Improved spout for easy pouring, reverses for self storage. Air vent for free pouring. Chemically inert, not affected by oil, acid, etc. Won't dent or break. Built-in carrying handle. 1-gallon size fits in refrigerator.

AA-121 One-Gal. Size; Shpg. wt., 1 1/2 lbs. Net 1.10
AA-122 Three-Gal. Size; Shpg. wt., 2 lbs. Net 2.13

8-ft. BATTERY BOOSTER CABLES



BATTERY BOOSTER CABLES

Standard equipment for starting stalled cars, charging batteries, etc. Made with heavy duty, flexible rubber-covered cable. Rugged copper-clad positive action grips identified by Black and Red heavy vinyl covered handles. Shpg. wt., 3 lbs.

- MS-766 8 ft. long, set of 2 Net 1.49
- MS-767 12 ft. long, set of 2 Net 1.98
- MS-491 12 ft. long, 6 gauge copper cable Net 2.95
- MS-482 Battery Booster Clip only (specify Red or Black) Net .49

NEW LAFAYETTE - HAMILTON
Illuminated Electronic Auto Clock

ONLY
9.95



- Use any Voltage From 4 to 16 VDC!
 - Swivel-Lock Mount — any Position!
 - Precision Time Keeper — Accurate — Dependable
 - Runs Continuously — NO Winding, NO Resetting
- "Custom" designed, exceptionally handsome electric clock for auto, aircraft or marine use. High-quality Hamilton movement assures accuracy and dependability. Electronic movement requires no resetting in normal use. Runs continuously but draws so little current it can not run your battery down. Swivel-lock ball and socket mounting permits placing most anywhere on or above dash. Simple, one wire connection. Operates on any voltage from 4VDC to 16VDC. Hands set from front. Sleek, modern face—sweep second hand. Vinyl case cover to match your car's decor. Shpg. wt., 2 1/2 lbs.
- AA-141 Red Vinyl Cover 9.95
 - AA-142 Beige Vinyl Cover 9.95
 - AA-143 Black Vinyl Cover 9.95

AUTOMATIC SIPHON

- Outboards • Generators
- Autos • Power Mowers

1.39

Automatic — safe — simple pump for transfer of gasoline or any liquid. Pump-type siphon works without putting tube to mouth. Just squeeze the bulb to start the flow. Transparent inserts permit view of liquid flowing. Use for any gas engine equipment. Handy in camp — for plumbers — chemical plants — industrials. Shpg. wt., 8 oz. HD-725 Net 1.39

LEAD-COATED GAS CANS

as low as

2.59



- Completely Rustproof and Flakeproof
- Sturdy Flexible Steel Nose
- Convenient Carrying Handle
- Compact Space-Saving Size
- For Auto, Power Lawn Mowers, Boats

A convenient, compact gas can constructed of rugged lead-coated steel — completely rustproof and flakeproof. Sturdy flexible steel hose hooks into handle—does not have to be removed. Extra large opening for filling can. Built-in expansion chamber. Can be used as a utility boat seat for more leg room. AA-178 1 1/4 Gal. Size; shpg. wt., 2 1/2 lbs. Net 2.59
AA-179 2 1/2 Gal. Size; shpg. wt., 3 1/2 lbs. Net 3.39

Magnetic UTILITY LIGHT



3.77

- Hi-Intensity Lamp
 - Powerful Magnet Holds Anywhere on The Car
 - Leaves Both Hands Free To Work
- High Intensity trouble lamp for car or boat. Powerful magnetic base holds easily to metal surface. Double ball joint for use at every possible angle. Heavy chrome plate over brass plated steel. 15 ft. cord. Includes red filter, lighter plug and vinyl case. For 12V. DC only. Shpg. wt., 1 lb. Imported. F-631 Net 3.77
F-632 Spare Bulb for F-631 Shpg. wt., 2 oz. Net .28

3-TON JACK STAND

5.39 each
2 for 9.75

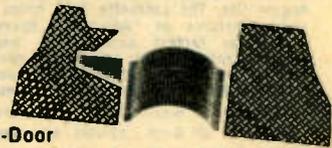


- 4 Reinforced Legs
- Heavy-Duty Steel Construction
- Fully Adjustable From 12 3/4" to 18 1/2"

An extra safe, all-steel pin-type jack stand with full 3-ton capacity. Welded construction gives longer lasting support. 4 reinforced legs provide greater stability. Fully adjustable from 12 3/4" to 18 1/2" in 3 positions. Self-Locking. Supplied in colorful baked enamel finish. Shpg. wt., 8 lbs. AA-157W Net ea. 5.39
2 for 9.75

AUTO PROTECTOR MATS

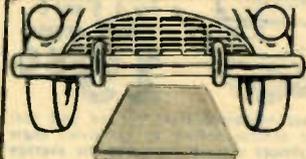
ONLY
1.79



- Door-to-Door
- Over the Hump
- All Rubber

All rubber protector mats. Front mat measures 63 1/2" x 26". Fits the front of any car. Provides protection of floor board, toe board and over the hump. Easy to install—easy to remove for cleaning. Rear protector mat measures 63 1/2" x 19". Fits over the hump and into the floor wells. Available in Black only. Shpg. wt., Front mat 5 1/2 lbs. Rear mat 5 lbs.

AA-146 Front Mat Net 1.79
AA-147 Rear Mat Net 1.89



AUTO DRIP PAN

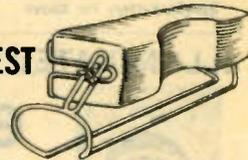
1.39

- For A "Kitchen-Clean" Garage
- Made of Sturdy Rust-Resistant Galvanized Steel

Keeps all floors free of unsightly oil and grease stains. Useful for garages, driveways, car ports and workshops. Size: 17 1/2" x 25 1/2". Shpg. wt., 2 lbs. AA-156 Net 1.39

ADJUSTABLE AUTO HEADREST

5.45



- Fits Any Car Seat
- Comfortable Foam Pillow Cushion
- Washable Zippered Cover

Avoid auto fatigue with this adjustable headrest. Used by driver or passenger to relieve neck strain—ideal for long or short trips. Completely adjustable for any car or position. Comfortable foam pillow cushions with removable, washable zippered covers. Strong chrome frame fits any car seat. Hold-on-bars are latex coated. AA-90 Shpg. wt., 3 lbs. Net 5.45

INJECTO-LUBE

"Throw Away" Pressure Lube Gun

- Contains All-Purpose Lubricant
- Fits All Standard Fittings



.69

Ideal for lawn mowers, automobiles, tools, appliances, outdoor motors, farm implements, etc. Designed to provide clean, fast, efficient, fitting lubrication. Pre-loaded, ready to use. No replacement-parts worry, simply discard entire gun when empty. Shpg. wt., 8 ozs. AA-177 Net .69

LAFAYETTE VALUES IN AUTO ACCESSORIES

REVOLVING BEACON

685



- Rotates Like a Light-house Beacon
- Signals Help for Miles Around
- Suction Mounts in Seconds



A new, low-priced warning light that rotates 360 degrees and flashes in all directions. Suction mount holds the beacon firmly in place. Signals for help for miles around; creates a safety zone during a traffic emergency. For use on autos, boats, trucks, docks, etc. For 12 volt use; complete with cigarette lighter adapter plug. Shpg. wt., 2 lbs.

AA-184 Net 6.85

MAGNACLOCK with ALARM

550

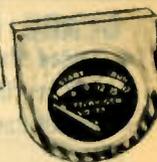


- Powerful Magnet in Base for Sure-Grip Attachment To Dash
- Clock Pivoted and Suspended to Swing to Any Position—Even on a 90° Surface
- Accurate, Dependable 30-Hour Movement with Alarm

A beautifully styled car clock that is equipped with built-in, powerful magnet in the base for sure-grip attachment to any steel surface. Clock is fitted into a contour-molded plastic case and has a convex glass front framed in a beveled, gold-finish metal band. Colorful base is a matchmate to the clock and all hands and numerals are luminous. Imported 30-hour movement with alarm is precision-made and is not affected by magnet in the base. Clock can be easily removed and used whenever you go. Available in a choice of 3 colors. Shpg. wt., 1/2 lb.

AA-185 (Silver) Incl. F.E.T. Net 5.50
AA-186 (Blue) Incl. F.E.T. Net 5.50
AA-187 (Red) Incl. F.E.T. Net 5.50

ILLUMINATED ALTERNATOR GAUGE

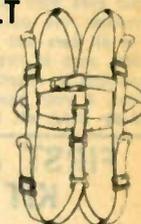


- 100-0-100 Charge, Dis-charge Rating
- For Heavy-Duty Alternator Equipped Vehicles

A precision gauge for use in trucks, tractors and other heavy vehicles equipped with heavy-duty alternators. 2" diameter illuminated dial in diamond stripe chrome bracket. Mounts below or in dash. Gauge is magnetically shielded and pointer specially damped against severe vibration from vehicle. For 12 volt electric systems. Complete with instructions, but no wire included. Shpg. wt., 1 lb.

AA-191 Net 5.49

CHILD'S SEAT BELT HARNESS



689

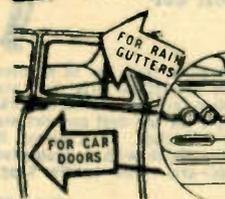
"Sit and Stand" Model for Maximum Freedom of Movement. Safety-Tested to Exceed 2000 lbs. Easily Installed in Any Car.

Scientifically designed seat belt harness for children up to 6 years of age. Complies with Society of Automotive Engineers' standards. Shoulder harness supports upper torso; leg straps give pelvic support to child whether sitting or standing—offers complete protection to active children. Has quick-release aircraft-type metal-to-metal buckles, strong all-nylon webbing. Fully adjustable for size to give child maximum freedom and comfort. Complete with patented floor hardware for firm anchoring. Shpg. wt., 1 1/2 lbs.

AA-192 Net 6.89

Silvertron CAR Moulding

Protects and Dresses-up All Exposed Edges On The Car. Ideal For Car Doors, Trunk Lids, Rain Gutters, Wheel Rims, Etc.



Mirror-bright chrome plastic moulding installs easily and firmly. Will not fall off, rust, chip or peel. Completely flexible for use on any straight edge or curve. Adds an extra touch of beauty to any car. Comes in 25 ft. length—use any cutting tool for exact size fitting. Shpg. wt., 1 lb.

AA-188 25 ft. coil Net 2.59

ROCKER PANEL Moulding



450

Mirror-Bright-Chrome Finish—Has the Appearance of Expensive Ribbed-Type Moulding Found on Late-Model Cars.

Chrome-like flexible plastic easily shaped to any contour on car. Completely weather resistant—always retains its mirror-bright finish. Ideal for rocker panels, lower body and fender panels. Installs in minutes with chrome-plated self-tapping screws supplied. Comes in 16 ft. coil—cuts to size with scissors.

AA-189 2 1/2" width. Shpg. wt., 2 1/2 lbs. per coil... 4.50

10-PIECE IGNITION WRENCH SET



Set consists of 8 of the most popular sizes. All 8 wrenches are fastened in one integral unit. Also included are 1—screwdriver and one—Feeler Gauge. MD-843 Shpg. wt., 3 oz. Imported Net .39

SUPER TOOL CHEST

550



A steel chest built to last. Removable tote-away. Double lock hinged construction, reinforced corners, continuous hinge, steel handle, regular key lock plus hardware. Baked enamel interior. Steel gray outside finish. Size 16" x 7" x 7". Shpg. wt., 8 lbs.

MC-22 Net 5.50

CABLE LOCK

- Stainless Steel Construction
- Over 1-Yard Aeroplane Cable
- Compact and Lightweight



ONLY 339

A new type of lock that performs multiple service—luggage, auto, house, bike, sports equipment, etc. Just pull out the flexible cable (tested for strength at 2000 lbs.), stop, and lock it at the length required as it conforms with the shape of the object. Stainless steel construction locking mechanism cannot rust. Compact in size, weighs only 5 1/2 ozs.

HD-997 Shpg. wt. 1 lb. Net 3.39

FIBERGLASS REPAIR KIT



136

- Plastic Fiberglass Stronger Than Steel
- Self Bashing in Minutes
- Sculpts like Modeling Clay
- Fixes Fast to Last

For quick, easy, low cost permanent repairs to wood, metal, plastic, concrete, fiberglass, ceramic, almost any material whether cracked, dented, holed or rusted. Features a newly perfected, easily-worked material which hardens quickly to a tough, durable, waterproof plastic that is stronger than steel. Also included glass cloth, hardening agent and fast cure agent. Easy to use. Shpg. wt., 1 1/2 lbs.

MD-418 Net 1.36

FIBERGLASS INSULATION



Fiberglass insulation 9 sq. ft. 1" thick, with glue and applicator. Used for lining car hood, firewall, floor, inside fender panels or trunk. Cuts easily to any shape, presses into place with glue—permanent, fireproof. Numerous other uses—lining speaker cabinets, insulating pipes, etc.

SB-40 9 sq. ft. Shpg. wt., 1 lb. Net 1.49
SB-55 20 sq. ft. Shpg. wt., 21 lbs. Net 2.70

RUBBER MALLETS



Use it for home fix jobs, automobile body work, dozens of other uses. Oilproof and waterproof head, won't flare or chip. Hardwood handle securely set in head.

Large: 2 lb. head; face—2 1/2" diam. 4 1/4" L: 12 3/8" handle. Shpg. wt., 2 lbs., 9 ozs. Imported. Net 1.29
HD-866

20-PC. AUTO SOCKET SET



279

Ideal for auto or home. Contains 8 regular 12-point sockets—3/16", 1/4", 5/16", 3/8", 1/2", 5/8", 3/4", and 7/8"; 1/2" drive hex. L handle, 1 ratchet handle, 1 screwdriver adapter; also 7 ignition sockets—1/4", 3/8", 1/2", 5/8", 3/4", 7/8", and 1" internal knurled socket; 1/2" drive hex. L handle. All parts are properly heat treated and nickel-plated. Mounted in red wall bracket. Shpg. wt., 3 lbs. Imported

ND-446 Net 2.79

NEW! IMPACT DRIVER



695

SPEEDY! TIGHTENS! LOOSENS!

Ever have trouble loosening a tightly turned, rusty screw, or a screw with the groove deformed? With this device, a small hammer rap is all that is required to loosen any corroded or rusty fastener. The driver will not damage the screw. Can be used to tighten screws also. Complete set consists of the driver tool, an adapter, 3/16" bit, 1 1/2" bit, No. 2 and No. 3 bit and cam. Comes complete with necessary instructions for use and metal tool case. Shpg. wt., 2 lbs. Imported

HD-971 Net 6.95

LAFAYETTE OFFERS MORE VALUE-MORE VARIETY

GLARE GUARD VISOR

- Molded from Acrylic Plexiglass®
- Built in "Diffusion Band"
- Fits All Cars and Trucks

269



First major improvement in sun visors in 30 years! Scientifically designed to filter out 87% of the sun's rays. Optically clear, "Dawn Blue" filter lets you see road signs, signal lights and traffic hazards in their natural color and clarity. Simultaneously protects your eyes from glare, squint, fatigue and eye strain. Provides eye ease and comfort—safe, clear vision. Fits all cars and trucks. Non-slip, heavy duty spring clips, snap on regular visor. A "flick" of the finger positions it. Adaptable to sports cars with no original visor. A year 'round necessity. Overall size 16x4 3/4". AA-46 Shpg. wt., 1 lb. Net 2.69



SAMPSON DELUXE SHOCK SPRINGS

695 pair

Eliminate drag, sag and car bottoming with these shock springs. Can be installed on your present shock absorber—no replacement needed. Provides a level, cushioned ride. Fits rear of cars listed below.

Car	Year	Car	Year
BUICK	1956-62	MERCURY	1949-62
CADILLAC	1950-62	(Except '55 and '56	
CHEVROLET	1949-62	Series and Park Lane)	
DART	1960	METROPOLITAN	1954-62
DeSOTO	1938-62	OLDSMOBILE	1951-57
DODGE	1939-62	PACKARD	1940-56
FALCON	1960	(Except '55 Series	
FORD	1947-62	60-80-88 and '56 Series	
(Except Thunderbird)		40-60-80-88)	
HUDSON	1940-54	PLYMOUTH	1939-62
IMPERIAL	1955-62	PONTIAC	1937-62
KAISER, HENRY J.	1947-54	RAMBLER	Late 1952-62
LINCOLN	1949-51	STUDEBAKER	1950-62
	1956-58	VALIANT	1960
		WILLYS	1941-62

AA-89 Net pair 6.95

SAMPSON JR. LOAD-HELPER SPRINGS

585



- Increases Load Capacity 750-1000 lbs.
 - Assembled—Easy-to-Install in Only 15 Minutes
 - Heavy-Duty Base—Special Tempered Steel Cord
 - Fits Most Cars 1940-59 with Elliptical Springs
- AA-88 Shpg. wt., 7 lbs. Net pair 5.85

MOTO-MOP

Clean & Polish Your Car in Minutes Without Dirtying Your Hands

ONLY **250**



- No Water, Soap, Polish or Wax Needed
- Polishes as It Cleans
- Silicone-Treated Soft Cotton Tufts

The new way to clean and polish your car in minutes without getting your hands or clothes dirty. You use no water, no soap, no polish, no wax, no hard work. Just whisk Moto-Mop over the car and dust and dirt are pulled away by molecular attraction. As it cleans it also polishes and coats the finish with a protective compound. Has a comfortable-grip rubber handle. Shpg. wt., 2 lbs. AA-181 Net 2.50

FIRST AID KIT

220



- Includes First Aid Booklet
- For Cars—Trucks—Boats—Homes

The perfect first aid kit for the car—boat—camp—and home. Contains all the essential first aid needs: 1 Adhesive Tape—3 way, 3/4", 1"x1 yd. each; 10 Plastic Strips; 1 Tincture of Merthiolate, 1/4 oz. (Lilly); 1 Unguentine Antiseptic; 1 Roll Gauze Bandage, USP 1"x6 yards; 1 Scissors; 1 Roll Gauze Bandage, USP 2"x6 yards; 2 Paper Cups; 2 Gauze Sponges, USP 4x4"—16 ply; 1 Ampoule Ammonia Inhalant; 2 Gauze Compresses, USP 3x3"—12 ply; 1 Absorbent Cotton, 1/4 oz. —USP; 1 First Aid Booklet. Shpg. wt., 1 lb. AA-60 Net 2.20

HYDRAULIC PUMP OILER

LIGHTWEIGHT HANDY TRANSLUCENT TENITE



Gives fine, pressurized stream that lubricates hard to get at places. Seamless construction of durable tenite. Finger tip plunger. Holds 4 ozs. of oil. Lubricates all types of machinery — hand and power tools — appliances — fixtures — toys — conveyances. Removable base for easy filling. Shpg. wt., 1/2 lb. HD-265 Net ea., .89

.89

ALL PURPOSE GREASE GUN

- 3,000 LBS. PRESSURE PER SQ. INCH
- 3" STRAIGHT NOZZLE



198

Develops up to 3,000 lbs pressure per square inch. The 3 inch straight nozzle makes easy work of those hard-to-reach grease fittings. The ideal lubricator for maintaining powered lawn mowers, workshop tools, automobiles, outboard motors, tractors, chain saws, etc. Amber translucent body with a yellow base. Made of tough tenite, stands by itself. Shpg. wt., 1/2 lb. HD-336 Net each 1.98

DRY CHEMICAL FIRE EXTINGUISHER

- A Most Efficient Fire Extinguisher
- 6 B:C—Highest U.L. Rating for ITS SIZE
- Exceeds I.C.C. & U.S. Coast Guard Requirements
- More Effective Than a CO₂ Extinguisher of Comparable Size

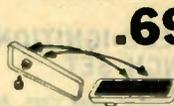


The most powerful, efficient fire extinguisher of its size. Dry chemical extinguisher utilizing a specially developed non-toxic, non-corrosive, dry chemical powder rated 6 B:D by U.L., extremely fast rate of damp in spraying chemical, non-clogging valve insures perfect closure without leaking. Safety Zone Pressure Gauge shows instantly whether extinguisher is ready for use. Forged brass valve body equipped with vehicle mounting bracket, locking clamp. Net 9.95

DO-IT-YOURSELF RECHARGE KIT. Contains 2 3/4 lbs. of Dry-Kern-S dry chemical powder. Shpg. wt., 5 lbs. HD-988 Net 1.47

DIMMER SWITCH EXTENSION

- Designed with You in Mind — No Installation Necessary
- Locates Dimmer Switch Where You Want It



.69

Eliminate danger and accidents due to bright lights with the new dimmer switch extension. No more groping for that tiny dimmer switch. Easy-to-install, fits most cars since 1940. Ideal for women drivers with high-heeled shoes. Can be changed from car to car. Shpg. wt., 6 ozs. AA-85 Net .69

MOTOR TUNE-UP

Lubricates, cleans and protects engine parts. In oil: removes and prevents carbon formation, increases power and gas economy, eases starting, desludges motor. In gas: frees and cleans sticky valves, provides upper cylinder lubrication. 1-pint size. AA-129 Shpg. wt., 1 lb. Net ea., .78; 2-for 1.28



CONCENTRATED MOTOR OIL ADDITIVE

Reduces wear in valve and valve lifters; quiets hydraulic valve lifters. Neutralizes corroding acids, improves lubrication, performs with any motor oil. Recommended for all cars and trucks in normal or heavy duty use. Shpg. wt., 1 lb. AA-128 Net ea., .99; 2-for 1.66



LENK INSTANT FIRE EXTINGUISHER

- YOU CAN'T AFFORD TO BE WITHOUT ONE!



Extinguishes all types of fires safely and quickly. Electrical—oil—grease—etc. A must in the shop—home—auto—boat—camp—office. Full control valve—turns on and off. Includes mounting bracket. Shpg. wt., 2 lbs. HD-729 Lenk 72 Net 1.47

"DU-OL"—PENETRATING ALL-PURPOSE LIQUID TOOL



- Frees Frozen and Rusted Parts
- Stainless, Odorless, Non-Flammable
- For Car, Home, Boat

as low as **1.45**

A new, all-purpose penetrating liquid tool that saves you labor, time and money. Penetrates below the surface, eliminating rubber-to-metal squeaks, frees all frozen and rusted parts. Absolutely safe—odorless, non-toxic, stainless, non-flammable, harmless to the skin. Effective on hot or cold surfaces. For use in the home, car, boat. Available in handy 12-oz. spray or 1-pint oiler-type spout can. P-418 Spray; shpg. wt., 1 lb. Net 1.69 P-419 Can; shpg. wt., 1 1/2 lbs. Net 1.45

Amazing New CHEMTRON CAR SHAMPOO

Contains Carnauba Wax

Non-Streak — No Wiping Needed — you'll be amazed with the results of this new wash and wax car shampoo. Removes grease, road film, insect stains, etc. Special formula contains Carnauba-Wax. Provides your car with an amazing show-room finish. Contains 16 ozs. Shpg. wt., 1 1/2 lbs. Net .88



.88

ALL CHANNEL ELECTRONIC ROTATING TV ANTENNAS

ALL CHANNEL'S "RIVIERA" WORLD'S MOST POWERFUL ULTRA-FRINGE VHF-UHF-FM ANTENNA

GUARANTEED 200 MILE VHF RECEPTION OR YOUR MONEY BACK

- Broadband UHF-VHF and FM, motorless all direction reception

- Receives channel 2-83 from all directions without a rotor
- All aluminum flip-out assembly

Field tests reception on VHF of up to 200 miles has made possible this unprecedented guarantee. Here is an antenna with one transmission line for all UHF, VHF and FM stations in all directions without the use of a rotator. The nine position selector switch connected at the set electronically rotates antenna beam instantly without physically moving the antenna. Gain on channels 2-6 comparable to 4-bay conicals; on channels 7-13 comparable to stacked 10-element single channel yagis; on 14-83 comparable to bow-tie reflector. 16 1/2" doweled aluminum

elements are 60 inches long. Complete with switch, coupler, 45" stacking bars and 2-7 1/2" angle type mast insulators for Polymicalene line listed below. Shpg. wt., 10 lbs.
AN-135WX Less Mast Net 19.85

"U-Install-It" kit: Includes Riviera antenna, chimney mount, two five ft. masts, 100 ft. of Polymicalene 4-conductor lead-in wire, 8 stand off insulators and complete instructions.
AN-42WXM Shpg. wt., 16 lbs. Net 27.32

NEW! ALL CHANNEL'S "ATLAS KIT" Everything Included For Complete Installation

Pre-wired and pre-assembled for do-it-yourself installation.

- Money Back Guarantee
- Offers All the Advantages of An Expensive Rotor Motor
- Directional Tuning
- 12-Position Electronic Rotating Switch
- Eliminates Ghosts & External Interference

12-position Electronic Orientation Switch instantly and automatically beams TV set to the best possible signal, does more than a rotor motor without the large expense and headaches. Very simple to install. The antenna is of preassembled flip out construction with the center of gravity on the mast itself. Picture quality is improved by eliminating ghosts, reflections and interference in difficult reception areas. Has no moving parts, requires no filters, uses no electric current and no motor

control wire. Diamond embossed 45" elements. Complete kit includes stacked "Atlas" electronic rotating switch, switch to set coupler, 70 ft. 4-conductor polymicalene flat lead in wire, 4 stand-off insulators, mounting bracket, two 5-ft. mast sections, instructions. Completely pre-assembled, and pre-wired.
 Shpg. wt., 14 lbs.
AN-136WX Net 22.45



1985

MONEY BACK GUARANTEE
 If not completely satisfied with any ALL CHANNEL product, return in 30 days for full refund, less only transportation charges.

THE RIVIERA MUST BE USED WITH THE LOW LOSS LEAD IN WIRE LISTED BELOW

Special 4 conductors, matched impedance transmission loss, mica-filled Polymicalene copperweld conductors.	Line.. Low
WR-8W 50 ft. length	Net 5.00
WR-9W 75 ft. length	Net 7.50
WR-18W 100 ft. length	Net 8.90

ALL CHANNEL COMPONENT PARTS

TS-229 9-Position Switch	Net 5.93 Ea.
TS-231 Stocking Harness	Net 2.87 Ea.

NEW! REMBRANDT "880" TV/FM OUTDOOR ANTENNA

- Operates Both FM Stereo and TV
- 12-Position Station Direction Control
- Eight 60" Elements
- Pulls in Best Signal from any Direction
- Gold Permadized

Comparable to 9 Powerful Full Wave Length FM Antennas Plus 9 Highly Directional TV Antennas

Now an outdoor antenna for both FM stereo and TV. Eight 60" long, 1/2" dia. quilted aluminum elements can be compared to 9 powerful full wave length FM antennas plus 9 TV antennas all facing in different directions. 12-position station direction control electronically offers all the advantages of a rotomotor unit without moving parts. It's the only antenna that compensates for changing signal directions caused by changing weather conditions. Also ideal for color TV reception. Elements are preassembled for fast flip-out installation.

AN-142WX Shpg. wt., 8 1/2 lbs.	Net 9.95
Special 4-cond. lead-in wire, tinned and plugged.	
WR-168 70-ft. length	Net 2.10

REMBRANDT TV DIRECTION FINDER

- Receives Signals From All Directions—Without a Rotor!
- Supercharges Any TV Antenna—Boosts The Pick-up Power!
- Filters Out Interference—Tunes Out Ghosts!
- Rejuvenates "Old" TV Antennas
- Amplifies The TV Signal
- No Installation Problem



Electrically rotates the polar-receiving pattern of your existing antenna and phases the ground wave picked up by the electrical wiring system with the sky wave picked up by the antenna. Improves any existing antenna: indoor, outdoor, master or built-in. Boosts pick-up power of any antenna—old or new. Just a flick of the selector control tunes out ghosts—filters out interference—tunes in those "hard-to-get" problem channels. Automatically amplifies TV signal strength for "snow" free, brighter, clearer pictures. Works on every channel—in any location—with any antenna—for any TV set. No installation problem—simply attach to antenna terminals in back of TV set—and plug into 110V AC/DC socket. Complete satisfaction guaranteed or your money back.

AN-140 Shpg. wt., 2 lbs.	Net, ea. 5.95
In lots of 6 ea.	5.00

ALL CHANNEL'S INDOOR TV ANTENNAS



"DELUXE"
 Ideal for FM Stereo/Multiplex reception.

The only indoor TV antenna with telescoping arms that extend to 97", and using adjustable radar loop principles. Field tests prove efficient operation beyond the range of any other indoor antenna, and in difficult reception areas. New 12-position dual control switch is electronically engineered to reject ghosts and orient antenna to direction of strongest signal. Brass tip balls on telescoping arms eliminate signal losses and static discharge interference. Adjustable radar loops coupled to arms make clearer, sharper pictures on all channels possible. Durable plastic base. Available in Mahogany, Ivory and Walnut. Shpg. wt., 4 lbs.

AN-146 Mahogany	Net 9.95
AN-147 Walnut	Net 9.95
AN-148 Ivory	Net 9.95



"RADAR COIL"
695

Guaranteed 35 Mile VHF Reception or Your Money Back

A powerful indoor antenna utilizing 46" long arms to provide efficient reception to 35 miles, 12-position switch helps eliminate ghosts and snow. A real beauty to grace any decor—Brass plated coil and 4 section telescoping arms. Includes 6-foot transmission line. Available in Mahogany, Walnut and Ivory. Shpg. wt., 3 lbs.

AN-143 Mahogany	Net 6.95
AN-144 Walnut	Net 6.95
AN-145 Ivory	Net 6.95



"POWER-KING"
498

A new TV antenna for all channels VHF/VHF 2 thru 83, plus color, black and white, and FM stereo. Features unique concentric rings and long telescoping arms for clear, sharp pictures. 12-position station direction control helps clear up ghosts and snow in difficult areas. New slimline styling. Available in mahogany, walnut and ivory. Shpg. wt., 3 lbs.

AN-132 Mahogany	Net 4.98
AN-133 Walnut	Net 4.98
AN-134 Ivory	Net 4.98

TRY TO BEAT THESE ANTENNA PRICES!

LAFAYETTE ANTENNAS and "U-INSTALL-IT" KITS!

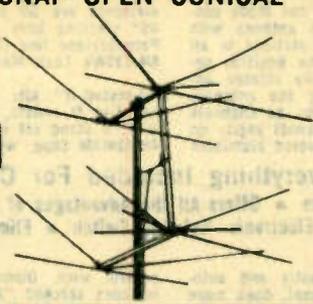
20 ELEMENT STACKED SNAP OPEN CONICAL

- ALL ALUMINUM
- NO LOOSE PARTS
- FASTEST INSTALLATIONS

GOLD ANODIZED

Best antenna deal yet for servicemen-dealer and installation specialists. All the most wanted features. Quickest, easiest installation possible. No loose hardware. All elements snap open and lock in without tools. Most efficient conical design for all reception areas. Two complete bays with Q bars, less mast. Shpg. wt., 8 lbs.

- AN-28WX Singly, ea. 5.25
- Lots of 3, ea. 4.95
- "U-INSTALL-IT" KIT With All Angle Roof Mounts. Includes AN-28 antenna and installation. Kit AM-11WM with two 5 ft. masts. As shown below. Net 7.95
- AN-32WXM Shpg. wt., 18 lbs. Net 7.95
- "U-INSTALL-IT" KIT With Chimney Mount. Same antenna and accessories but includes chimney mount instead of roof mount. Net 8.75
- AN-43WXM Shpg. wt., 18 lbs. Net 8.75



525 : **495**
singly each : each, in lots of 3

MAXIMUM PERFORMANCE FRINGE ANTENNA

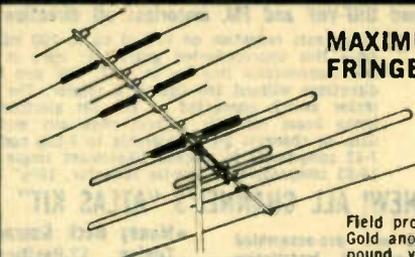
1188

GOLD ANODIZED

- Range to 100 Miles
- 21 Active Elements
- Snap Open Design
- Fiberglass Insulators
- Compound Yagi Array

Field proven design for fringe reception. Gold anodized to combat corrosion. Compound yagi array to "sock-in" signals where other designs fail. "Tension-lok" hardware. Heavy wall tubing throughout. Less Mast. Shpg. wt., 8½ lbs.

- AN-67WX Gold Anodized Net 11.88
- "U-INSTALL-IT" KIT with chimney mount. Includes AN-67WX antenna and installation kit AM-12WM as shown below. Shpg. wt., 15 lbs. Net 14.88
- AK-60WXM Net 14.88
- AK-38WXM. Includes AN-67WX antenna, 20 ft. Telescoping mast and accessories. Shown in Kit "A" on page 224. Shpg. wt., 39 lbs. Net 22.50
- AK-38WXM Net 22.50
- AK-39WXM. Includes AN-67WX antenna, Alliance K-22 rotator, 20 ft. Telescoping mast and accessories. Shown in Kit "B" on page 224. Shpg. wt., 50 lbs. Net 45.79
- AK-39WXM Net 45.79



LAFAYETTE FRINGE-PROBER

1395

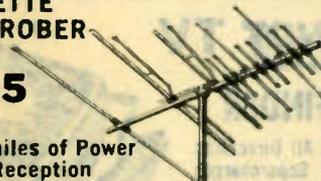
Up to 125 miles of Power Fringe Reception

- 19 Electrical Elements • Engineered for Superior Color & Black And White Reception
- High Gain On All VHF Channels • Completely Pre-assembled

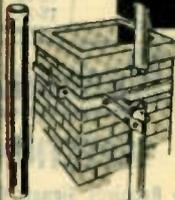
Twin-driven elements work with carefully tuned, phased and spaced directors and reflectors to extend flat high gain response across entire VHF band. Cuts out ghosts and unwanted signals. Rugged reinforced aluminum elements and brackets stand up under severest wind and ice loading. 100% pre-assembled for easy installation. Less mast, lead-in. Shpg. wt., 7 lbs.

- AN-51WX 13.95
- POW'R KIT AK-54WXM. Includes AN-51WX Color 'Tenna, TL-75 POW'R PAK booster and AM-12 mounting kit (as shown elsewhere on this page). Shpg. wt., 16 lbs. Net 24.98

- AK-54WXM Net 24.98
- Complete Kit of AN-51 antenna plus AM-12WM mtg. kit as shown elsewhere on this page. Shpg. wt., 15 lbs. Net 16.30
- AN-52WX Net 16.30

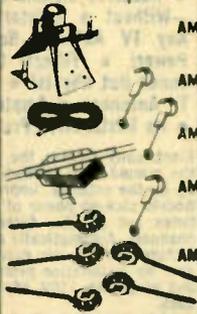


"U-INSTALL-IT" KITS



All the items for simple installation. Your choice of an all angle roof mount or chimney mount—lightning arrester—75 feet of 300 ohm twin lead—screw eyes—mast stand offs and 5 ft. 1¼ O.D. steel mast. Shpg. wt., 7 lbs.

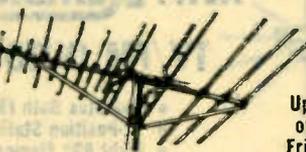
- AM-10W With roof mount Net 2.95
- AM-11W With 2-5 ft. masts. Shpg. wt., 10 lbs. Net 3.55
- AM-12 Same as AM-10W with chimney mount Net 3.25
- AM-13W Same as AM-11W with chimney mount Net 3.85
- AM-14WM Same as AM-10W with aluminum wall bracket Net 2.95
- AM-15WM Same as AM-11W with aluminum wall bracket Net 3.55



LAFAYETTE DEEP FRINGE-PROBER

1795

Up to 150 miles of Extra Power Fringe Reception



- 27 Electrical Elements • Inline twin driven yagi design • Deep Fringe Gain on all VHF channels • Completely pre-assembled

Delivers the extra picture power needed for crisp, clear pictures in remote areas. Inline twin driven yagi design provides more gain and higher front-to-back ratio. Result: More TV stations, more picture power. Factory preassembled for snap-out assembly. Reinforced gold anodized aluminum construction. Less mast and twin lead. Shpg. wt., 10 lbs.

- AN-215WX 17.98
- POW'R KIT AK-61WXM. Includes AN-215WX, TL-75 POW'R PAK Booster; 20 ft. Telescoping mast and accessories shown in Kit "A" on page 224. Shpg. wt., 35 lbs. Net 34.99
- AK-61WXM Net 34.99

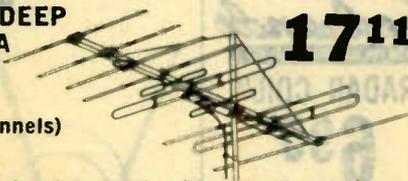
"TECHNI-POWER" DEEP FRINGE ANTENNA

1711

- 20 Active Elements
- Range to 150 miles
- Broadband (VHF Channels)

TV antenna obtains maximum front-to-back ratio without sacrifice of gain on either low or high band! Folded dipole impedance matching on low band, and extra high gain three-element colinear operation on high band! Multiple reflectors and directors, combined with the colinear elements, sharply increase the directivity. Double fidelity phasing is used on the high band drive—plus four (4) extra high band elements. Broad banded for all VHF Channels 2 through 13. All aluminum screws and nuts to eliminate rusting at vital contacts; tagged connection points; "molded-in" lead line connection screw, and lifetime high impact polystyrene insulators and end caps to prevent whistle and icing! Shpg. wt., 9½ lbs.

- AN-68WX (Silver aluminum) Net 17.11
- AN-69WX (Gold 'corodized) Net 19.05
- POW'R KIT AK-56WXM. Includes AN-68WX "Techni-Power" Antenna, TL-75 POW'R PAK Booster, 20 ft. Telescoping mast and accessories shown in Kit "A" on page 224. Shpg. wt., 31 lbs. Net 35.33
- AK-56WXM Net 35.33



LAFAYETTE UNI-TENNA

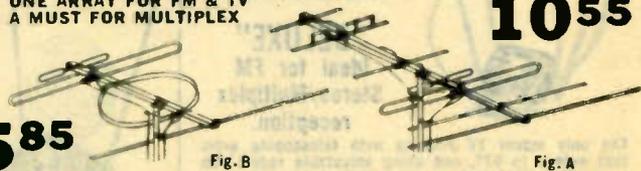
1055

- RANGE TO 75 MILES
- ONE ARRAY FOR FM & TV
- A MUST FOR MULTIPLEX

585

Fig. A, a high quality antenna designed for operation in semi-fringe areas. Excellent pattern and high gain provide top reception of color and black-white TV and is ideal for stereo FM multiplex. Uses combination TV and FM antenna on one boom with separate transmission lines. The 5¼ ft. boom has square cross sections for added strength and maintains parallel alignment of elements. 4 Element yagi is used for TV, 3 elements yagi for FM, 10 Elements operating on high band as patented colinear yagi. Shpg. wt., 6 lbs.

- AN-211WX Net 10.55
- Fig. B, similar to AN-211WX but with less elements and use of omnidirectional FM halo. Designed for local and suburban use. Provides full response operation for TV, FM and Multiplex. Shpg. wt., 3½ lbs. Net 5.85
- AN-212WX Net 5.85

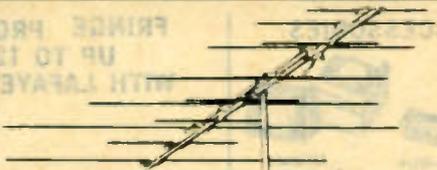


LAFAYETTE has MORE antennas - LOW prices

VECTORLOG™ ANTENNA

TECHNI-TENNA™

10⁵⁰

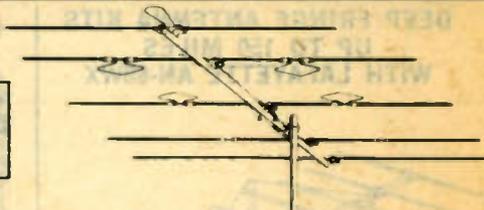


- Features the Log Periodic System Developed by Armed Forces Engineers
- The Most Efficient System Yet for Top Gain in Problem Areas
- Achieves Maximum in-Phase Current Distribution
- Directional-Exceptionally High Front-to-Back Ratio

Engineered to obtain maximum gain, directivity and front-to-back ratio and maintain peak broad band characteristics. Lafayette's new, 12 element VECTOR-LOG antenna uses the log period in principle—most recent development in receiving antennas. Low wind resistance, maximum strength insulations and snap-lock assembly for rugged strength and durability. Wrap around U-Bolt saddle for "No-Tilt" mast connection. Less mast and lead-in. Shpg. wt., 8½ lbs.

AN-207WX Net 10.50

959



- FIBERGLASS INSULATORS
- LOW WIND RESISTANCE
- COLINEAR DESIGN
- SNAP-IN CONSTRUCTION

A superior all-channel 5-element VHF design. Excellent reception for both black and white and color. Colinear design eliminating ghosts and other interference while high front-to-back ratio delivers a wide band response and high directionality so necessary for color and fringe area reception. Snap-in construction-assembles easily and quickly. Fiberglass insulators are used for maximum strength and all-weather protection.

AN-208WX Shpg. wt., 7 lbs. Net 9.59

8 ELEMENT VHF CONICAL

LEADER IN-LINE ANTENNA KIT

- Range to 40 miles
- Aluminum Construction
- Rugged, Trouble-Free Design

All aluminum 8 element conical. Provides top quality reception on channels 2 to 13. Full sized. Rugged insulators block. Designed for rapid assembly. Fan front of 6 full length elements. Easy to assemble. Real value. Shpg. wt., 4 lbs.

AN-11W Singly ea. Net 2.60
Lots of 3 ea. Net 2.40

"U Install It" Kit. Includes AN-11 and roof-mount kit AM-10 as shown below. Shpg. wt., 11 lbs.

AN-33WM Net 4.95

"U Install It" Kit. With chimney mount kit, AM-12 as below. Shpg. wt., 11 lbs.

AN-44WM Net 5.50



260

GOLD ANODIZED

- Gold Anodized
- Complete-Ready To Install
- Time-proven Design

Ideal metropolitan and suburban antenna kit. Efficient folded dipole design. Broad band, uni-directional response. Perfect impedance match on high and low bands results in reduced stray reflections and ghosts—no studs or transformers needed. Designed for maximum in phase currents on both high and low bands. Shpg. wt., 4 lbs.

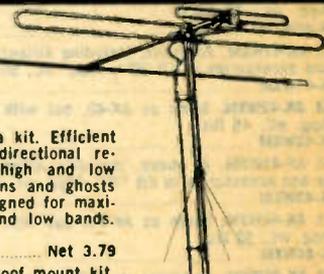
AN-154W Net 3.79

"U-Install-It" Kit. Includes AN-154 and roof mount kit, AM-10, as below. Shpg. wt., 10 lbs.

AN-152WM Net 6.29

"U-Install-It" Kit. Includes AN-154 and Chimney mount kit, AM-12, as below. Shpg. wt., 11 lbs.

AN-153WM Net 6.49



379

VEE-BEAM VHF ANTENNA

SPECIAL FRINGE AREA ANTENNA

- Excellent for Metropolitan Areas
- Rugged Aluminum Construction

Popular primary area antenna—covers channels 2 to 13 within a range of 40 miles; to 60 miles when stacked. Provides excellent gain, especially on the high band. Sharply directional pick-up pattern gives steady, clear pictures. Utilizes rugged aluminum construction. Lightweight, very easy to install. Less mast and 300 ohm twin line. Shpg. wt., 4 lbs.

AN-21W Net 2.29

AN-20W 2 bays stacked Net 4.59

"U Install It" Kit. Includes AN-21W and roof mount kit AM-10. Shpg. wt., 11 lbs.

AN-45WM Net 4.70

"U Install It" Kit. With Chimney mount kit, AM-12. Shpg. wt., 11 lbs.

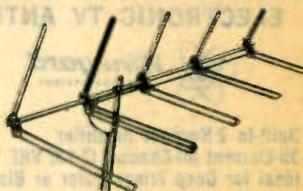
AN-46WM Net 5.29

- Excellent Directivity and Sensitivity
- Perfect 300 Ω Match on Each Channel

13⁹⁵

Extremely high gain and front to back ratio. Utilizes 5 dipole elements in an advanced design. Phasing relationship assures equal gain on all VHF channels. Eliminates co-channel interference. Elements are double locked in Hi-impact Styrene plastic insulators. Automatic brackets lock and secure all elements. Completely preassembled. Dual insulators prevent waver, slip and twist of elements. All aluminum construction. Single bay. Less mast. Shpg. wt., 12 lbs.

AN-37WX Net 13.95



GOLD ANODIZED

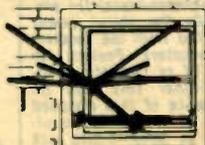
229

CONICAL WINDOW ANTENNA

NEW LAFAYETTE ULTRA-LITE ALL DIRECTIONAL FM ANTENNA

- More Antenna for Less Space
- All Aluminum Construction

571



Contains 4 full-sized elements plus 2 high frequency dipoles. Ideal for apartment buildings, hotels etc., or wherever roof-top installations are impractical but necessary for the greater gain which is provided by a good outdoor antenna. Complete with all mounting hardware, less 300 ohm twin lead. Installs by placing ends of base against window frame and tightening nuts. Base spans up to 44" to fit all standard window frames. Antenna can be positioned for optimum reception. Shpg. wt., 3 lbs.

AN-22W Net 5.71

AN-23 Extension bar to 60" Net 1.35

AN-24 Extension bar to 72" Net 1.89

210

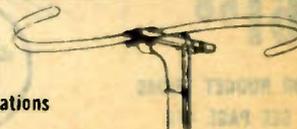
- Perfect for Indoor Concealed Installations
- Solid Rod Elements.

Here is the FM antenna you have been waiting for. Designed for either outdoor mast or indoor closet/attic installation. Easy to install—no holes to drill. Provides excellent gain for areas up to 35 miles from station. Perfect for multiplex reception. Brings in all stations clearly. Gold corodized finish for weather and corrosion protection. Strong, yet lightweight design. Shpg. wt., 1 lb.

AN-213 Net 2.10

FM Antenna Kit
Same as above, but with kit containing 50 ft., 300 ohm line, 3-31 ½" Stand-offs, 1-7 ½" stand-off and 1 mast wrap around stand-off. Shpg. wt., 3 lbs.

AN-214 Net 3.23



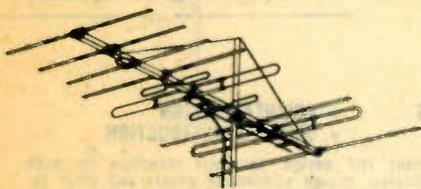
LAFAYETTE FRINGE AREA "TECHNI-KIT" ANTENNAS

"BEST BUY" KITS! NOTHING ELSE TO BUY!

• 20-30-40 FT. MAST • WITH OR WITHOUT FAMOUS ALLIANCE ROTATORS • FINEST COMPONENTS

Available on Lafayette's Easy Payment Plan.

DEEP FRINGE ANTENNA KITS UP TO 150 MILES WITH LAFAYETTE AN-68WX



Kit AK-40WXM. Includes the "Lafayette Techni-Power Deep Fringe AN-68WX. Twin driven—high gain—exceptionally directive. Top design efficiency. Includes 20 ft. telescoping mast and accessories in Kit "A" Shpg. wt., 30 lbs.

AK-40WXM Net 26.95

Kit AK-41WXM. As above, including Alliance U-98 rotator and accessories in Kit "B". Shpg. wt., 50 lbs.

AK-41WXM Net 59.70

Kit AK-42WXM. Same as AK-40, but with 30 ft. mast. Shpg. wt., 45 lbs.

AK-42WXM Net 29.29

Kit AK-43WXM. As above, including Alliance U-98 rotator and accessories in Kit "B". Shpg. wt., 65 lbs.

AK-43WXM Net 62.40

Kit AK-44WXM. Same as AK-40, but with 40 ft. mast. Shpg. wt., 52 lbs.

AK-44WXM Net 31.95

Kit AK-45WXM. As above, including Alliance U-98 rotator and accessories in Kit "B". Shpg. wt., 75 lbs.

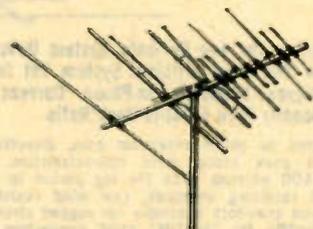
AK-45WXM Net 65.18

INSTALLATION ACCESSORIES



Take your pick of Lafayette deluxe antenna kits—chosen by experts to meet the most demanding reception problems. Each kit contains a rugged, high-gain, pre-selected antenna, a telescoping mast of heavy gauge galvanized steel, plus (Kit "A") a universal base mount, guy wire, 100 ft. of twin lead, ground rod, ground wire, lightning arrester, hook-eyes, standoff insulators, turnbuckles. Rotator kits include Alliance rotators, plus (Kit "B") all the accessories shown in Kit "A" above and an Alliance thrust bearing, 10-ft. antenna mast, 100 ft. of rotor cable and 4-wire lightning arrester. Shipped complete—ready for top quality installation. These kits may be shipped by express only.

FRINGE PROBER KITS UP TO 125 MILES WITH LAFAYETTE AN-51WX



Kit AK-46WXM. Includes the Lafayette Color 'Tenna AN-51WX. Gold anodized for corrosion resistance. Highly directional, Yagi type performance. Dynamically balanced, compact design. 20 ft. telescoping mast and accessories in Kit "A". Shpg. wt., 26 lbs.

AK-46WXM Net 24.95

Kit AK-47WXM. As above, including Alliance T-12 rotator and accessories in Kit "B". Shpg. wt., 48 lbs.

AK-47WXM Net 43.66

Kit AK-48WXM. Same as AK-46, but with 30 ft. mast. Shpg. wt., 43 lbs.

AK-48WXM Net 47.59

Kit AK-49WXM. As above, but with Alliance T-12 rotator and accessories in Kit "B" Shpg. wt., 64 lbs.

AK-49WXM Net 56.35

Kit AK-50WXM. Same as AK-46, but with 40 ft. mast. Shpg. wt., 51 lbs.

AK-50WXM Net 30.39

Kit AK-51WXM. As above, including Alliance T-12 rotator and accessories in Kit "B". Shpg. wt., 74 lbs.

AK-51WXM Net 59.29

ELECTRO POWERED ANTENNAS

WINEGARD "SUPER COLORTRON" ELECTRONIC TV ANTENNA



- Built-in 2-Nuvistor Amplifier
- 30-Element All-Channel (2-13) VHF Yagi
- Ideal for Deep Fringe Color or Black and White Reception
- Maximum Front-to-Back Ratio

Gold Anodized

6168

FOR BUDGET TERMS SEE PAGE 412

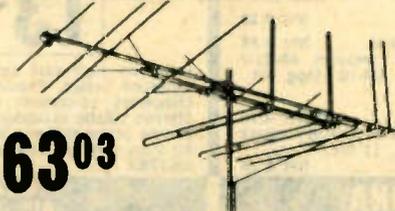
This super powerful antenna with built-in 2-Nuvistor amplifier provides the finest long distance color or black and white TV reception in any area—city, suburban, fringe, deep fringe. Strong signals can't overload it—will take up to 400,000 microvolts of signal input. Can be located up to 1/4-mile away from receiver. It will easily drive 6 to 10 TV sets. Ruggedly constructed of heavy-duty gold anodized aluminum. Completely pre-assembled for fast, easy installation. Less mast and lead-in wire. Installed size: 110Wx185"L. Shpg. wt., 17 lbs.

AN-163WX Net 61.68

TACO MODEL 990-8

ELECTRA

- Superior Color Reception
- Highest Picture Power
- Built-in Transistor Amplifier
- Gold Anodized — 100% Rustproof
- Matches Antenna Amplifier System
- Eliminates Ghosts and Snow



6303

Taco's most powerful antenna—Gets pictures and sound where others fail. This matched antenna-transistor amplifier system amplifies up to 10x the signal power transmitted. May be remotely located from the receiver to 1/4 mile without additional boosters. Perfect for color TV—Built-in outlets feed 2 TV or FM sets simultaneously without interference. Other sets may be added. The power packed performance of this matched antenna-amplifier system enables lower, neater installations, reducing height as much as 50%. T-Bird will eliminate interference, ghosts and snow, for movie quality reception. Lightweight assembly is 100% rust-proof, gold anodized for beauty and strength. Ideal for rotor installations. Shpg. wt., 14 lbs.

AN-202WX Net 63.03

MODEL 990-6 Similar to above except has 6 elements and one crossarm. Shpg. wt., 10 lbs.

AN-203WX Net 53.01

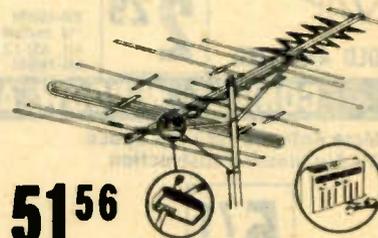
MODEL G990-5 Similar to above except has 5 elements and one crossarm.

AN-204WX Net 46.33

JFD ELECTRONIC TRANSIS-TENNAS



- Attractive, Anti-Corrosive, Alodized
- 31 Working Elements
- Transistorized Amplification for Far Fringe Reception
- Up to 200 mile Reception
- Powers up to 4 TV and FM Sets



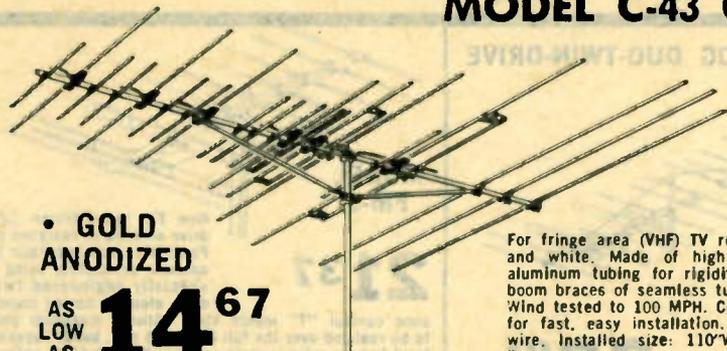
5156

An extremely powerful antenna using transistor amplification. Precision-tuned multi-function elements deliver pinpoint directivity and amazing broad band response on channels 2 to 13. Work together with built-in AC-powered transistorized amplifier to give up to 25 db gain on single set, or 9-13 db gain on each of 2, 3 or 4 sets. Heavy-duty all-aluminum boom-braced construction with gleaming, protective AAA Gold Bond Alodized finish plus many other deluxe features. Complete with antenna, TNT103 amplifier and AC-powered supply. Less mast, lead-in. Shpg. wt., 16 lbs.

AN-107WX Net 51.56

Winegard ANTENNA SYSTEMS

MODEL C-43 COLORTRON ANTENNA



• GOLD ANODIZED

AS LOW AS **14⁶⁷**

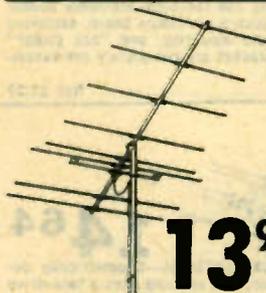
For fringe area (VHF) TV reception, color or black and white. Made of high tensile gold anodized aluminum tubing for rigidity and stability. Double boom braces of seamless tubing, 3/4" x .030 gauge. Wind tested to 100 MPH. Completely pre-assembled for fast, easy installation. Less mast and lead-in wire. Installed size: 110"Wx133"L. Shpg. wt., 13 lbs. AN-255WX

- Designed for Color
- 21-Element All-Channel (2-13) VHF Yagi
- High Uniform Gain on All Channels

MODEL C-42. Similar to C43 above but 14 elements—less gain and broader directivity. Size: 110"Wx 78"L. Shpg. wt., 12 lbs. AN-256WX Net 20.55

MODEL C-41. Similar to C-43 above but 9 elements—not as powerful and broader directivity. Size: 110"Wx66"L. Shpg. wt., 8 lbs. AN-257WX Net 14.67

MODEL SF-8 STEROTRON FM ANTENNA



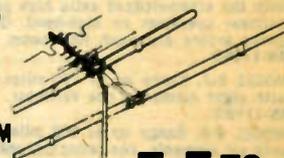
13⁹⁰

- 8-Element FM Yagi Cut to 88-108 MC
- Flat Frequency Response Across Entire FM Band
- Average Gain of 8 db
- High Front-to-Back Ratio

For the ultimate in long-distance FM and FM Stereo reception. Deluxe construction throughout—gold anodized aluminum boom and elements (all other metal parts are iridized) make entire antenna 100% corrosion-proof, reinforced reflectors, automatic lock-tight element brackets. Completely pre-assembled for fast, easy installation. Less mast and lead-in wire. Installed size: 67 1/2"Wx90"L. Shpg. wt., 8 lbs. AN-258WX

Net 13.90

MODEL 283 "TWILIGHT" VHF/FM/UHF ANTENNA



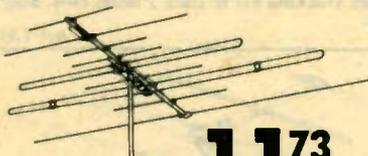
11⁷³

- Covers TV Channels 2 to 83 Plus FM
- Beautiful—Low Silhouette Design
- Powerful—Blocks Ghost Images, Filters Out Annoying Interferences

For super-clear black and white or color TV pictures and FM sound in the difficult "Twilight" Zone (5 to 35 miles). Ends "just fair" reception from hard to adjust top-of-set and out-of-date outdoor antennas. All heavy-gauge aluminum construction, permanently gold anodized. Wind tested to 100 MPH. Less mast and lead-in wire. Factory pre-assembled—easy to install. Only 87" wide. Shpg. wt., 4 lbs. AN-261WX

Net 11.73

MODEL G-41S SUPER POWER BEAM ANTENNA



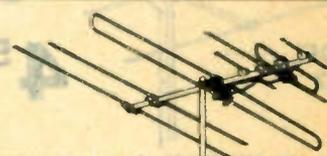
11⁷³

- Lightweight 9-Element Yagi
- All-Channel (2-13) VHF Reception
- High Uniform Gain and Front-to-Back Ratio
- Works Equally Well on Black and White or Color

For fringe and near-fringe TV reception areas. Replaces two-bay conicals, con-yagis, etc. Incorporates "Electro-Lens" director system with "Hi-Q" loading coils for outstanding performance on both high band (7-13) and low band (2-6) channels. Gold anodizing makes all aluminum parts 100% corrosion-proof. Completely factory pre-assembled. Less mast and lead-in wire. Size: 110Wx66 1/2"L. Shpg. wt., 6 lbs. AN-259WX

Net 11.73

MODEL K-42 POWER PIX VHF ANTENNA



7⁶⁴

- All-Channel VHF Reception
- Low in Price—High in Performance
- Easy to Install—Ruggedly Constructed
- Non-Anodized

For city, suburb and near-fringe areas. Electrically and mechanically superior to conicals and con-yagis. Full power performance on all VHF channels. Directive polar pattern. Has "Lock-Tight" reflector support brackets, "Wrap-Around" mast clamp, dual moisture barrier insulators on driven elements. Accurate 300-ohm impedance match. Rugged construction for long life. Shpg. wt., 6 lbs. AN-260WX

Net 7.64

MODEL AN-220N TV ANTENNA BOOSTER AMPLIFIER

2344

- Uses 2 Long-Life Nuvistors
- Can't Overload on Strong Signals
- Works on Any Antenna

Amplifies weak signals from distant TV stations. Strong local signals can't overload it—will take up to 400,000 microvolts input. Has an ultra-low noise circuit, high amplification, flat frequency response. Weather-sealed, corrosion-proof polystyrene case. Comes with AC power supply with built-in 2-set coupler. Shpg. wt., 3 lbs. TL-185

Net 23.44
MODEL AP-230. Similar to above but for FM. Takes up to 200,000 microvolts input. Net 23.44

TL-186

NEW MODEL UHF-110 TRANSISTOR ANTENNA AMPLIFIER



2344

- Covers All UHF Channels (14-83)
- Adds Miles to Reception Distance
- Works on Any UHF Antenna

Uses a unique, new transistor to amplify weak signals on all UHF channels. Improves overall signal-to-noise ratio as much as 12 db. Makes pictures easier to watch by drastically lowering snow level. Works equally as well on color or black and white. Impedance 300 ohms, input and output. Includes AC power supply. Circuit is lightning protected. Shpg. wt., 1 lb. TL-182

Net 23.44

MODEL A-400 DISTRIBUTION AMPLIFIER

47⁹⁷

- For Up to 30 Sets
- Minimum of 26 db Gain
- Ideal for Color as well as Black and White

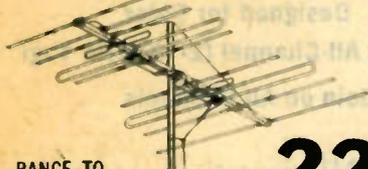
For use in small master antenna systems (30 TV/FM sets or less), such as small motels, apartment buildings, schools or homes. Gain: low TV band, FM band, high TV band—26 db min. Frequency Response: flat, ± .25 db over any 6 MC channel. Input: 300-ohm twin lead, 75-ohm coaxial. Output: 2 75-ohm coax connectors for RG-59/U or RG-11/U, 1 no-strip 300-ohm disconnect plug. Tubes: 4-6Y5. Requires 117 volts, 60 cps AC. TL-187 Shpg. wt., 8 lbs. Net 47.97





The World's Finest - TV and FM ANTENNAS

MODEL B-8 TWIN-DRIVEN



RANGE TO
150 MILES

22⁹³

MODEL B-8, TWIN DRIVEN—Absolute maximum front-to-back ratio for the elimination of venetian blinds, back ghosts, etc. with no sacrifice of gain on either low-band or high-band. Accomplished by twin-driving of two fidelity phased elements "Quad-Tri-Quad" drive—true quadrature twin-drive on low-band and tri-quadrature twin-drive on high-band; and "Interleaved Elements." These are added to Fidelity Phasing—combining the proved superiority of driven folded dipole impedance matching on low-band with the acknowledged extra high gain of three-element collinear operation on high-band. Oversize, extra-heavy gauge square aluminum tube boom. Shpg. wt., 9½ lbs. AN-110WX Net 22.93

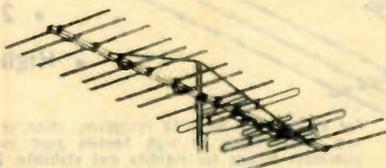
MODEL B-7. Range up to 150 miles. Similar to B-8 but with eight elements, one reflector. Shpg. wt., 6½ lbs. AN-111WX Net 15.23

MODEL B-6. Range up to 100 miles. Similar to B-8 but with six elements, one reflector, one director. Shpg. wt., 5½ lbs. AN-126WX Net 11.55

MODEL "A" STACKING KIT favors high-band. Shpg. wt., ¾ lb. AN-120W Net 1.23

MODEL "C" STACKING KIT favors low-band. Shpg. wt., ½ lb. AN-122W Net 1.82

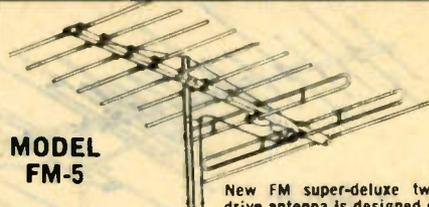
MODEL A420G DUO-TWIN-DRIVE



RANGE UP TO 200 MILES

33⁸¹

This super-powered, 33-element antenna provides fine TV reception even in deep fringe areas. Duo-Twin-Drive gives performance equal to 6 half-wave driven elements. Features total of 6 elements working on low band channels (2-6) and 27 elements on high band channels (7-13). Boom suspension rods afford much greater boom support and eliminate sagging. Triple tapered elements have 3-wall thickness at bracket end where stress is greatest. All-aluminum construction. Less mast and 300-ohm lead-in. Shpg. wt., 15 lbs. AN-131WX Net 33.81



MODEL FM-5

21³⁷

New FM super-deluxe twin drive antenna is designed on Finco ultra high geometric TV antenna principles, using a specially engineered twin drive element having impedance control "T" match stubs. Allows maximum gain to be realized over the full 88 to 108 m.c. band. Superior front-to-back ratio is made possible through Finco patented fidelity phasing. Designed for maximum protection against weather deterioration and short-out due to corrosion—with all brackets and complete elements double corroded. Heavy duty square aluminum boom, exclusive "Lock-Tite-No-Tilt" saddle mounting, and "box girder" snap out self-aligning bracket are completely pre-assembled. Shpg. wt., 8½ lbs. AN-124WX Net 21.37

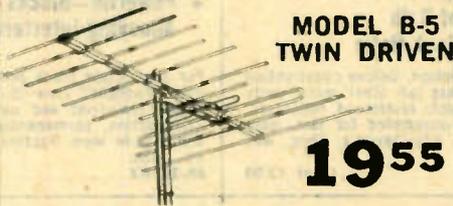


MODEL FM-4

14⁶⁴

FINCO FM SUPER DELUXE ANTENNA—Geometrically designed for ultra-high gain, this antenna uses a twin drive element with impedance control stubs. Extra wide spacing of elements gives substantially greater signal than standard 8 to 10 element designs. Strong square aluminum boom for extra rigidity. Exclusive "lock-tite-no-tilt" saddle mounting. "Box girder" snap-out self-aligning brackets. Antenna is pre-assembled with all aluminum reinforced elements. Shpg. wt., 6½ lbs. AN-119WX Net 14.64

MODEL FMS STACKING KIT to stack 2 Model FM-4. Shpg. wt., ½ lb. AN-123W Net 1.97



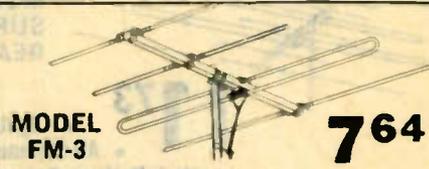
MODEL B-5 TWIN DRIVEN

19⁵⁵

MODEL B-5, MAXIMUM FRINGE AREA—Oversize extra heavy gauge square aluminum tube boom. All element brackets are of "Box Girder" aluminum construction. Exclusive "FIDELITY PHASING" combines the proved superiority of driven folded dipole impedance matching on low band together with the acknowledged extra high gain of three element collinear operation on high band. Multiple low band reflectors and directors, high band collinear reflectors and directors, as well as combination elements. Ultra High Gain and sensitive directivity previously found only in twelve (12) element Yagis cut to single channel. This makes possible reception and picture clarity heretofore considered impossible in maximum fringe areas up to 200 miles. Shpg. wt., 9½ lbs. AN-112WX Net 19.55

MODEL "A" STACKING KIT favors high-band. AN-120W Shpg. wt., ¾ lb. Net 1.23

MODEL "B" STACKING KIT favors low band. AN-121W Shpg. wt., ¾ lb. Net 1.53



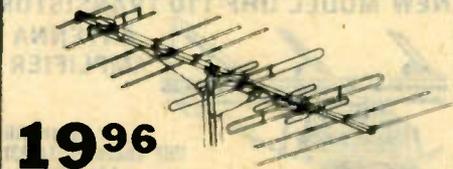
MODEL FM-3

7⁶⁴

FINCO 4-ELEMENT BROAD BAND FM YAGI—A broad banded 4-element Yagi for high gain on FM band, 88 to 108 MC. All-aluminum construction with square boom; special "Lock-Tite-No-Tilt" saddle bracket for permanent horizontal alignment. Reinforced elements are pre-assembled with snap-out brackets: "Impedance step-up" design for maximum energy transfer. Shpg. wt., 5 lbs. AN-118WX Net 7.64

MODEL FMS STACKING KIT to stack Model FM-3. Shpg. wt., ½ lb. AN-123W Net 1.97

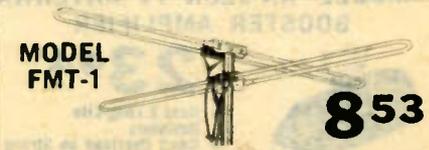
FRINGE COMBINE #3 TV/FM ANTENNA



19⁹⁶

Top response for black and white, color TV and FM or FM multiplex reception. Fringe area combination high gain TV and FM antenna on one 100' boom. Uses two separate transmission lines for maximum efficiency. 5 elements for low band, 15 elements on high band in twin-driven yagi arrangement. Special twin phased FM driver element, with 2 parasitics produce full 3-element gain across FM band. Sturdy 1" dia. boom. Pre-assembled, aluminum snap-out construction. AN-128WX Shpg. wt., 9½ lbs. Net 19.96

AN-129WX Gold Corroded Net 22.05



MODEL FMT-1

8⁵³

An all-direction FM antenna kit, designed for reception over the full FM band, 88 to 108 MC, without necessity of rotation. The two-folded dipoles are matched with a special quarter wave phasing stub for optimum gain and approximate circular, all-direction radiation pickup pattern. Supplied with 50 ft. of 300 ohm twin line, 5 ft. mast, mounting base, two mast stand-off insulators, three wood screw eye stand-off insulators. AN-116WX Shpg. wt., 6 lbs. Net 8.53

MODEL FMT-A. Same as above but with double mast mount, "side-arm" mast. Shpg. wt., 3½ lbs. AN-125W Net 8.53

MODEL B-4

10⁷⁰

FOR DEEP FRINGE AREA OF 150 MILES OR MORE—Where extra high gain and sharp directivity are a necessity. Includes low-band reflector 3-element high-band reflector, low-band full ½-wave director, and two 3-element collinear high-band directors. (CM. 2-13). Shpg. wt., 6 lbs. AN-113WX Net 10.70

MODEL "A" STACKING KIT to stack Model B-4. Shpg. wt., ¾ lb. AN-120W Net 1.23

MODEL B-3. Same as above but fewer elements for range of 75 miles or more. Uses model A stacking kit listed above. Shpg. wt., 5 lbs. AN-114WX Net 8.23

LAFAYETTE HAS MORE UHF ANTENNAS—More Values

POWERSCOPE UHF ANTENNA

True Parabolic Focal Design—The Most Powerful UHF Fringe Antenna

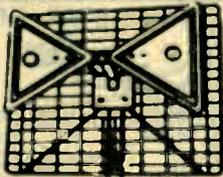
- Single Dipole Eliminates Need for Inefficient Phasing Harnesses
- Positive Big Screen Ghost Rejection
- 18 db Gain at Translator Frequencies
- 13 db Gain over UHF Spectrum
- Quick, Strong Installation

12⁹⁹

The most powerful UHF fringe antenna—proven by performance in the toughest fringe and translator UHF areas. Unique parabolic design exceeds the capture area of 12 and 16 bay car's whisker type arrays. Single dipole provides maximum signal without phasing harness. All metal construction reduces signal loss due to weather deterioration. Pre-assembled screen and dipole are installed in minutes for maximum performance and reliability. Shpg. wt., 10 lbs.
AN-251WX Net 12.99

BOW FLECTOR UHF ANTENNA

3¹⁸



Provides very high gain in primary signal areas. One array averages 6.5 db gain across the entire UHF band. When stacked, 9 db gain can be achieved. Its large rigid grid reflector, bowtie and hardware are all specially treated to be corrosion resistant. Shpg. wt., 2½ lbs.
AN-172 Net 3.18

UHF-VHF ANTENNA COUPLER

- For 2-Set UHF/VHF
- No Wire Stripping



An efficient 2-set coupler for UHF/VHF Channels 2-83. Features a straight forward resistive circuit and provides a full 15 db insert isolation. Insertion loss less than ½ db. Stripless screws are used for rapid secure installation with 300-ohm twin lead. Input has low VSWR over channels 2-13. Sturdy non-breakable, weather-proof plastic case. For wall, ceiling or TV mast mounting. Hardware supplied. Shpg. wt., ½ lb.
TS-373 Net 2.89

SELECTRONIC ANTENNA SWITCH

- For Multiple Antenna Installation



When more than one antenna is required several down-leads to the receiver become a problem. With the Selectronic Antenna Switch instant antenna selection is possible and only one down-lead is necessary. 3-positions. Low loss. With instructions. Shpg. wt., 6 oz.
TS-374 Net 2.32

"TRAP EASE" TUNEABLE TV ANTENNA TRAPS

- Eliminates Adjacent Channel Interference
- Easy to Install on Any TV Set

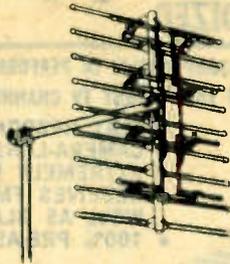


Tuneable antenna trap suppresses adjacent sound carrier by more than 50 db leaving a strong clear picture. Permits good reception from weak distant stations normally blocked out by adjacent channel interference. Does not affect reception of local stations. Works with any TV receiver and any antenna that would normally bring in pictures from the distant stations if the interfering adjacent channel was not on the air. Simple to install and operate. Just turn end cap until interference is eliminated. 300 ohm input and output impedance. Shpg. wt., 2 lbs.
TS-371 For Channels 2-6 Net 11.97
TS-370 For Channels 7-13 Net 11.97

COLINEAR UHF ANTENNA

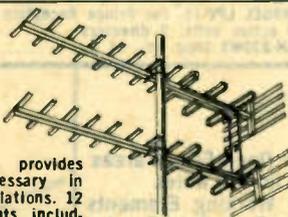
- For All UHF TV Reception Areas

6⁴¹



An outstanding Ultra-High Frequency antenna operative on the entire band. Single bay with colinear design has more gain than 4-bay bow tie type. When two are stacked horizontally you get a 40% power gain. 13 antenna elements constructed of sturdy aluminum tubing. Factory pre-assembled with heavy duty construction throughout. Giant wing nuts can be tightened by hand. Rigid one-inch off-set mounting boom keeps antenna away from mast to eliminate detuning effect. Shpg. wt., 4 lbs.
AN-164 Net 6.41

TRIPLE DRIVEN UHF YAGI



Advanced design provides high gain necessary in fringe area installations. 12 aluminum elements including a screen reflector. Each model covers the portion of the UHF spectrum. High-front to back ratio gives excellent directivity. Can be stacked. Electronically welded construction insures stability and long life. Ready to install, fully factory assembled. Be sure to order model which includes UHF channels available in your area.

AN-240 Channels 14 to 46	Net ea. 5.39
AN-241 Channels 16 to 73	Net ea. 5.59
AN-242 Translator Ch. 47 to 83	Net ea. 5.59
AN-243 Stacked Ch. 14 to 86	Net ea. 10.52
AN-244 Stacked Ch. 16 to 73	Net ea. 10.52
AN-245 Stacked Ch. 47 to 83	Net ea. 10.52

UHF/VHF MIXER-SPLITTER NETWORK

- Mix or Separate VHF and UHF Signals
- Low Insertion Loss

3⁵⁰



Precision engineered bandpass filters with low insertion loss and a high degree of isolation between channels. Can be used individually or in combination to mix or separate VHF and UHF signals. Low VSWR characteristics. Eliminates need for rotators and switches. Enclosed in weatherproof polystyrene case for indoor or outdoor use. Complete with all hardware. Shpg. wt., 6 oz.
TS-372 Net 3.50

TV LINE VOLTAGE REGULATOR

A protective unit designed to keep line surges from damaging TV or radios. Surges reduced from max. 140 V. down to 110 V. Saves tubes, fuses, etc. Plug into outlet and receiver into unit. Shpg. wt., 1 lb.



VO-382 200 to 300 watts Net 2.05
VO-383 300 to 375 watts Net 2.35

ACME T8394M VARIABLE VOLTAGE ADJUSTER

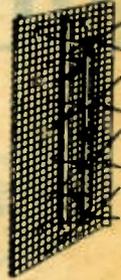


300 W. continuous duty variable transformer. Adjusted by rotary tap sw. Used as step up or step down. Voltmeter shows sec. voltage. Pri. 95/100/105/110/115/120/125 volts at 50/60 cps. Sec. out 115 V. 8' cord and plug. Size 4¼x4½". Shpg. wt., 9 lbs.
TR-14 Net 11.37

ECONOMY UHF ANTENNA

- Highest Gain on 70 UHF Channels
- Completely Preassembled
- Excellent Directivity
- Flat Response Across Each Channel

4⁷⁹



Four bay, UHF bowtie antenna. Exceptionally high (12db) gain — relatively flat across the entire spectrum. Fully factory assembled. Quickest and easiest to install. High efficiency screen grid reflector boosts front to back ratio. Unique "cross-over" phasing bars—open V elements. Rugged—rigid—corrosion resistant construction. Shpg. wt., 5 lbs.
AN-200WX Net 4.79

UHF "TRANSLATOR" 4-BAY ANTENNA

Four bay bow-tie and screen reflector—tuned to the UHF translator frequencies. Average 16db gain on channels 70-83. Completely pre-assembled.
AN-201WX Shpg. wt., 5 lbs. Net 4.79

UHF CORNER REFLECTOR MODEL CRB

4²⁶



For quality UHF reception even in fringe areas. High gain, sharp horizontal and vertical directivity eliminates "ghosts" and "snow." Rugged construction, large reflector screen made of highest grade aluminum tubing. "Fold-open" assembly. Lightweight.
AN-130 Shpg. wt., 5 lbs. Net 4.26

TACO UHF/VHF MAGI MIX COUPLER

2⁴¹



A mast-mounted, weatherproof unit which combines the signals from separate VHF and UHF antennas into a single UHF transmission line. Bifilar coil circuit is engineered to provide maximum signal transference and extremely low insertion loss. Shpg. wt., ½ lb.
TS-375 Net 2.41

AUTOMATIC TV VOLTAGE REGULATOR



- RETURNS FULL HEIGHT AND WIDTH OF PICTURE WHEN LOW LINE VOLTAGE CAUSES DISTORTION OF PICTURE
- ELIMINATES INTERMITTENT SYNC AND OSCILLATOR DRIFT
- AUTOMATICALLY BOOSTS 10 VOLTS

Returns full height and width of TV picture affected by low line voltage. This 300 watt model will handle most requirements from 90 to 135 volts. Boosts 10 volts automatically when line is below 110 volts. Increases set sensitivity. Reduces low line hazards. Simple plug-in installation. Turns on and off with the TV set. Shpg. wt., 2½ lbs.
TR-108 PERMA-POWER MODEL D-200 Net ea. 5.85
PERMA-POWER MODEL D-101—Manual model, can also be switched for high line voltage adjustments. Net 4.09
TR-20

JFO VOLTAGE REGULATOR



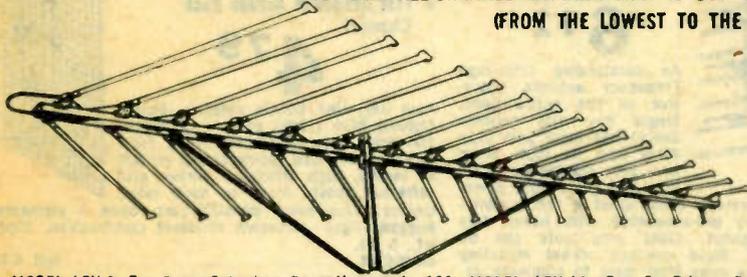
Maintains steady TV Pix by keeping AC/DC line voltage constant. Automatic regulating protects TV set. Plug TV into regulator, and regulator into outlet. Shpg. wt., 1 lb.

TS-115 200 watts	Net 2.35
TS-116 250 watts	Net 2.35
TS-117 300 watts	Net 2.35
TS-118 375 watts	Net 2.35

JFD LOG-PERIODIC LPV $\frac{L(n+1)}{L_n} = \tau$ TV ANTENNAS

GOLD BOND ALODIZED

A NEW HIGH-GAIN ALL-CHANNEL ANTENNA THAT IS COMPARABLE IN PERFORMANCE TO A TUNED YAGI CUT TO THAT CHANNEL (FROM THE LOWEST TO THE HIGHEST TV CHANNEL AND INCLUDING THE FM BAND).



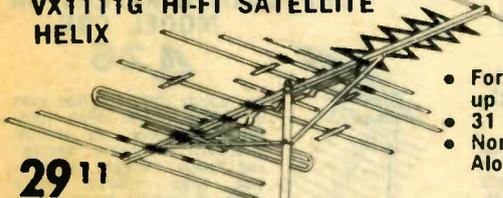
- FLAT RESPONSE ACROSS BOTH VHF BANDS
- CAMERA-LENS SHARPNESS IN ANY LOCATION
- EXTREMELY HIGH GAIN AND FRONT-TO-BACK RATIO
- RECEIVES FM AND MULTIPLEX STEREO AS WELL AS BLACK AND WHITE, COLOR TV
- 100% PRE-ASSEMBLED FLIP-QUICK CONSTRUCTION

MODEL LPV-8. For Super-Suburban Reception up to 100 miles. 7 active cells, 1 director.
AN-233WX Shpg. wt., 8 lbs. Net 17.81
MODEL LPV-6. For Suburban Reception up to 75 miles. 6 active cells.
AN-234WX Shpg. wt., 6 lbs. Net 12.91

MODEL LPV-14. For Far-Fringe Reception up to 150 miles. 13 active cells, 1 director.
AN-231WX Shpg. wt., 13 lbs. Net 29.37
MODEL LPV-11. For Fringe Reception up to 125 miles. 9 active cells, 2 directors.
AN-232WX Shpg. wt., 11 lbs. Net 23.49

MODEL LPV-17. For Super-Fringe Reception up to 175 miles. Has 15 active cells, 2 directors. Extra rugged construction—1" square aluminum crossarm, solid aluminum rod harness, sleeve-reinforced elements. Offers least wind resistance of any antenna. Gold Bond Alodized Finish for corrosion resistance and good looks. Shpg. wt., 16 lbs.
AN-230WX Net 35.25
MODEL LPV-4. For Local Reception up to 50 miles. 4 active cells.
AN-235WX Shpg. wt., 4 lbs. Net 8.79

VX1111G HI-FI SATELLITE HELIX

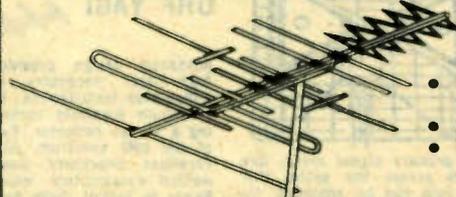


29¹¹

- For Deep Fringe areas up to 150 Miles
- 31 Working Elements
- Non-Rust Gold Bond Alodized

Delivers high definition reception—black and white or color—in deep fringe locations. Pinpoints distant TV stations. Supersensitive helical high band section, plus famous Satellite sleeve dipole low band provide exceptional front-to-back ratios for movie-clear pictures on channels 2 to 13. Improves ghost and interference rejection. 1" tubular braces support entire boom length against sag. 100% pre-assembled for "Flip" installation. Less mast and 300-ohm twin line. Shpg. wt., 15 lbs.
AN-106WX Gold Bond Alodized Net 29.11

SX711G HI-FI STAR HELIX

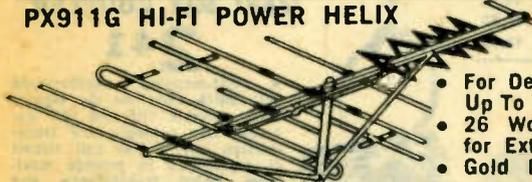


17⁹⁴

- For Fringe Areas Up to 100 Miles
- 23 Working Elements
- Lustrous Gold Bond Alodized Aluminum

Triple-driven collector system joins powerful Satellite folded and straight dipole sections for Yagi-quality performance. Front-to-back ratios of up to 22 db on channels 2 to 6 and 28 db on channels 7 to 13 reject noise and signals from rear and side. Rugged aluminum construction, elements lock into new "Perma-Lok" brackets. Less mast and 300-ohm twin line. Shpg. wt., 8 lbs.
AN-71WX Gold Bond Alodized Net 17.94

PX911G HI-FI POWER HELIX

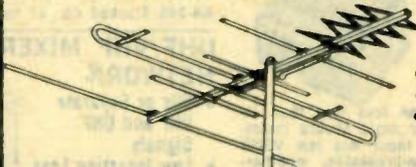


22⁰⁵

- For Deep Fringe Areas Up To 125 Miles
- 26 Working Elements for Extra Sensitivity
- Gold Bond Alodized

Extra-high sensitivity for crisp, clear, snow-free picture in B/W or color, out in deep fringes. Triple-driven collector system combines famous Satellite straight and folded dipole sections into single co-active antenna for Yagi-quality performance. High front-to-back ratios of up to 22 db on low band and up to 28 db on high band screen out ghosts. Entire 1" square boom rigidized by two 1" tubular supports. Less mast and 300-ohm twin line. Shpg. wt., 10 lbs.
AN-75WX Gold Bond Alodized Net 22.05

JX311G HI-FI JUNIOR-HELIX

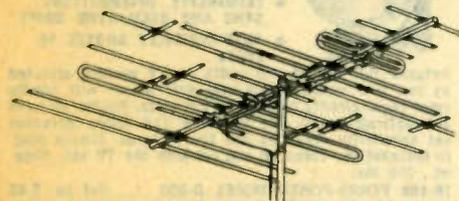


11⁰²

- 15 Working Elements
- Range to 50 Miles
- Out-performs Stacked Conicals

The perfect answer to all VHF B/W, and color reception problems in metropolitan and suburban areas. Outperforms and outlasts the finest 2-bay conical. Utilizes the basic fringe-proved Satellite-Helix design of expensive fringe antennas. Completely preassembled all-aluminum construction. 1" square crossarm with capped ends. Less mast and 300-ohm twin line. Shpg. wt., 5 lbs.
AN-93WX Gold Bond Alodized Net 11.02

FB520G HI-FI TRIPLE DRIVEN FIREBALL

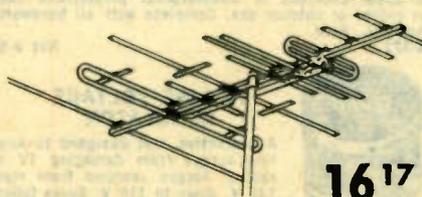


22⁰⁵

- For Fringe Areas Up to 125 Miles
- 24 Working Elements
- Gold Bond Alodized

Charge weak deep-fringe VHF signals with brilliant picture detail. Individual reverse phase twin-driven low band and high band collectors, reflectors, and directors. Extremely high signal-to-noise level. Sharpened directivity, interference-free pictures, rich, deep contrast. Ultra-modern inline construction. Completely pre-assembled. Less mast and 300-ohm twin line. Shpg. wt., 10 lbs.
AN-100WX Gold Bond Alodized Net 22.05

FB510G HI-FI TWIN DRIVEN FIREBALL

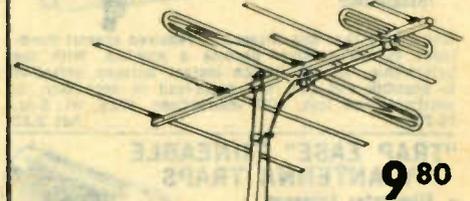


16¹⁷

- Fringe Reception Up To 100 Miles
- 14 Working Elements
- Gold Bond Alodized to look better and work better

14 working elements for higher gain and sensitivity. Combined Satellite and Fireball designs, with broad-band cut directors and reflectors develop exceptional directivity and power on all VHF channels. High front-to-back ratio tunes out ghosts, snow and interference. Trim inline design, reinforced construction for storm-proof performance. Less mast and 300-ohm twin line. Shpg. wt., 8 lbs.
AN-102WX Gold Bond Alodized Net 16.17

FB500G HI-FI FIREBALL



9⁸⁰

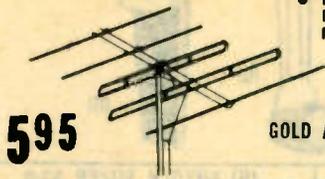
- For Local and Suburban Areas Up To 75 Miles
- 9 Multi-Purpose Elements
- Gold Bond Alodized

Offers flat, uniform response and acute directivity on channels 2 to 13 in town and country. Twin-driven low band and high band dipoles working with phased reflectors and directors step-up sensitivity, and suppress ghosts and undesirable signals. All-aluminum throughout. 100% "Quick-Rig" factory-preassembled for fast set-up. 1" square crossarm, reinforced elements. Less mast and 300-ohm twin line. Shpg. wt., 6 lbs.
AN-79WX Gold Bond Alodized Net 9.80

OUTSTANDING FM ANTENNA VALUES

NEW "HI-5 FM YAGI"

- DESIGNED EXPRESSLY FOR FM



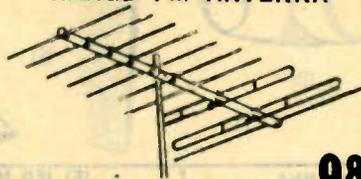
595

GOLD ANODIZED

High gain antenna designed for the audiophile who seeks perfection in FM reception. Extra elements on this antenna serve to pull in stations where others fail. Trouble-free operation even under severe weather conditions. The fully automatic snap-lock brackets insure easy, rapid and secure installation.

AN-49WX Shpg. wt., 3 lbs. Net ea. 5.95

"MULTIPLEX 10" EXTENDED RANGE FM ANTENNA

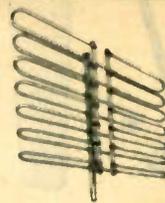


GOLD ANODIZED

988

Ideally suited to Multiplex FM reception. Stereo (Multiplex) FM signals, for the average tuner, have a range of approximately half that of ordinary (monaural) FM signals. This 10-element, double-driven, yagi array has the necessary added gain, sensitivity and directivity to compensate for the lack of signal strength. Assures full-fidelity reception and highest signal/noise ratio. All-aluminum gold anodized construction. Fiberglass insulators. Torsion lock hardware, sure-lock mast clamp. Board banded to cover the entire 88 to 108 MC band. Shpg. wt., 7 lbs.

AN-250WX Net 9.88



825

FM

STEREO-PLEX ANTENNA

The Model FM-88 Seven-Element Stereo-Plex FM antenna is the first antenna designed specifically for Multiplex Stereo FM. An omni-directional antenna with triple the power of crossed dipoles . . . and four times the power of "S" shaped FM antennas. All-aluminum construction. Receives from any direction at distances up to 40 miles from the station. Shpg. wt., 4 lbs.

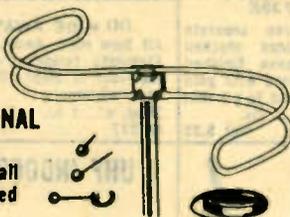
AN-216W Net 8.25

NEW! FM ANTENNA KIT

398

ALL-DIRECTIONAL

- Ready To Install
- Fully Assembled



Provides excellent gain for areas up to 35 miles from the station. Use on existing masts—new installation—or as an attic installation. Gold anodized aluminum for years of trouble free operation. Exceptionally light—sturdy design. Capable of receiving FM signals from practically all directions with equal efficiency. Complete with 50 ft. of 300-ohm twin lead, mast standoff, screw eye standoffs, mast mount.

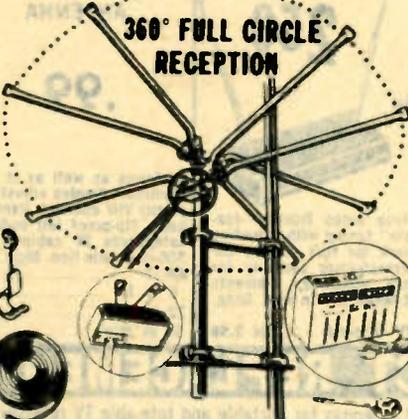
AK-53 Shpg. wt., 5 lbs. Net 3.98

FM ANTENNA ONLY. Shpg. wt., 3 lbs. Net 2.85

AN-66 Net 2.85



HI-FI FM ANTENNAS



360° FULL CIRCLE RECEPTION

- 100 Mile Range In All Directions
- Transistorized Multiplexed Stereo Hi-Fi FM Performance
- AAA Gold Bond Alodized
- Complete Kit for Attachment to any TV Mast

Eliminates need for rotator yet delivers long range yagi—quality reception in every direction. Features transistorized high gain, low-noise amplification of stereo FM signals. Unique omni-directional stereo cone dipole design. Provides so much signal strength it can feed even 2, 3 or 4 FM sets with brilliant sound. Pre-assembled gold alodized aluminum construction. Kit includes mast, brackets, twin lead, standoffs and hardware—plus transistorized amplifier and AC power supply. Shpg. wt., 8 lbs.

AN-109WX Net 32.13

Same kit as AN-109 less transistorized amplifier and AC power supply. Shpg. wt., 6 lbs.

AN-87WX Net 8.20

Same as kit AN-109 less transistorized amplifier, power supply, twin lead and stand-offs.

AN-86WX Net 7.03

FOR SELF-SUPPORTING INSTALLATION

One preassembled Gold Alodized Stereo Cone FM antenna. One 5 ft. Gold Alodized aluminum mast. One universal base mount for wall or roof installation. Galvanized steel guy wire, guy ring, stand-offs and mounting hardware. 50 ft. 80 mil. polyethylene 300-ohm transmission line. Less transistorized amplifier and AC power supply. Shpg. wt., 6 lbs.

AN-85WX Net 9.38

REMBRANDT FM INDOOR ANTENNA



6.95

- UP TO 10 TIMES MORE EFFECTIVE THAN BUILT-IN ANTENNAS

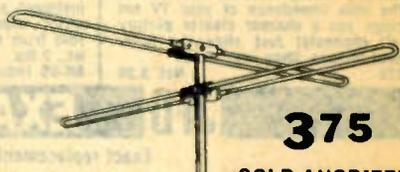
The Model FM1000 features 1/4-wave 4-section precision arms; 3/4-wave induction coil; 12-position station direction control and a special noise filtering circuit for extremely effective performance. Weak stations are strengthened and reflected signals and background noise are blocked out. Low silhouette slim-line styling. Shpg. wt., 3 lbs.

AN-224 Mahogany Net 6.95

AN-225 Ivory Net 6.95

AN-226 Walnut Net 6.95

OMNI-DIRECTIONAL FM TURNSTILE ANTENNA



375

GOLD ANODIZED

Eliminates the need for two masts on your roof. All direction reception—no rotators needed. Double mast mount—rugged, rigid parallel mounting. For use on all masts. Shpg. wt., 3 lbs.

AN-249W Net 3.75

FM TURNSTYLE KIT: Antenna above plus angle roof mount-lightning arrester—75 feet of 300 ohm twin lead—screws eyes—mast standoffs and 5 ft. 1/4" O.D. steel mast. Shpg. wt., 10 lbs.

AK-64WW Net 6.69

BLONDER-TONGUE MODEL FMB STEREOBOOSTER

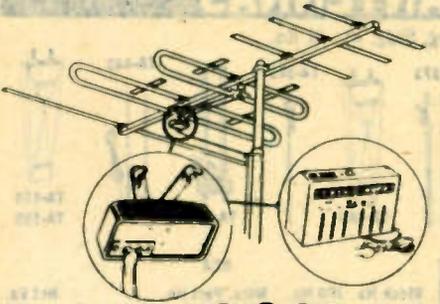


14.45

A broad-band, low-noise FM amplifier designed to increase strength of all FM signals before they enter your tuner or radio. Will not overload on strong local signals while making it possible to receive weak distant stations. Overall Gain: 18 db average. Impedance: 300 ohms balanced, input and output. For 17 volts, 60 cps AC. Size: 6 1/2 x 3 3/4 x 2 1/2". Shpg. wt., 2 lbs.

TL-164 Net 14.45

TWIN DRIVEN ELECTRONIC JFD Transis-tenna FM YAGI



36.81

- 200 Mile Range
- Deep-Fringe Multiplexed Stereo Hi-Fi FM
- AAA Gold Bond Alodized

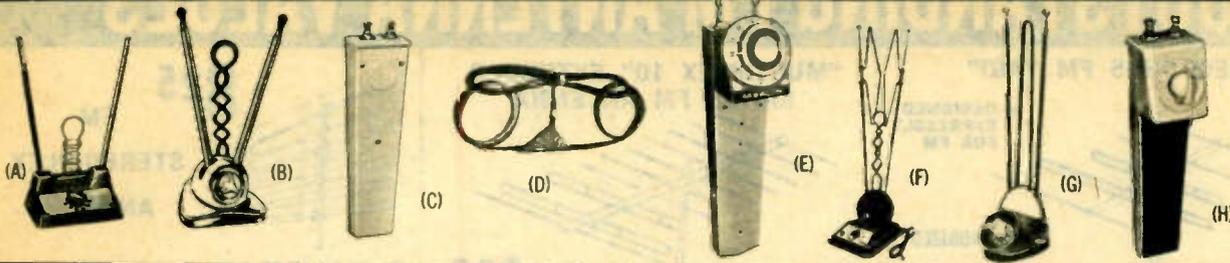
Combines the power and sensitivity of transistorized amplification with a powerful twin-driven wide-spaced 6 element FM yagi. Offers so much power it can drive 2, 3 or 4 FM sets anywhere in the home. One inch square aluminum cross arm and 1/2 inch o. d. dipoles. Beautifully gold alodized. Completely preassembled.

AN-171WX Net 36.81

Same antenna as above, less transistorized amplifier and power supply.

AN-88WX Gold Bond Alodized Net 15.75

FAMOUS INDOOR TV ANTENNAS



(A) UHF/VHF INDOOR ANTENNA
New, modernistically styled, ebony and gold. 4-section all brass elements. Receives all 82 UHF channels when tilted in horizontal position. Shpg. wt., 3 lbs. AN-218 Net 2.99

(B) SWITCH-TYPE INDOOR ANTENNA
● 4-Section Dipoles—Brass
● 6-position switch
Features fine-tuning electronic switch for maximum brightness and sharpness on desired VHF channel. Brass dipoles adjust easily for best picture and sound. Tip-proof felt padded base prevents tipping. Finely styled and crafted to match any decor. Complete with 300-ohm twin line. Shpg. wt., 2 lbs. AN-39 Net 1.99

(C) PORTA-TENNA
A universal antenna for portable and stationary TV sets. When not in use dipoles disappear. Can be placed on back of any TV set. 4 section, plated, telescoping dipoles. Complete with instructions, mounting hardware and lead-in. Shpg. wt., 2 lbs. AN-35 Net 1.99

(D) FM TWIN LINE ANTENNA
Folded dipole type for indoor use. Has six foot lead-in equipped with spade lugs which permits it to be installed behind cabinet, under rug, or any out of the way place. Antenna designed to the center of the FM Band. Shpg. wt., 1½ lbs. AN-50 Net .99

(E) JFD MERLIN
Efficient indoor TV antenna. Mounts on the back of any TV set. Ball swivel mount permits placement at best reception angle. Gold numbered station selector dial utilizes best of 12 electronic circuits. Includes 300-ohm twin lead with spade lugs. Shpg. wt., 1 lb. AN-90 L10 Ivory Net 4.95
AN-91 L20 Mahogany Net 4.95

(F) RMS FOCUS F38K
Produces the gain of three separate switch type indoor antennas stacked together. Low silhouette base finished in a rich mahogany crackle tone with gold face plate and felt bottom pad to prevent marring furniture. Shpg. wt., 4 lbs. AN-155 Net 5.95

(G) SNYDER SUPER S3-D
Features the new Directonac 12-position beam selector switch. Triangular phasing element gives a great selection of circuit arrangements. Has patented 4-section gold tone brass shafts molded into a bakelite ball housing which sits on an extra heavy duty topple proof base. Shpg. wt., 3 lbs. AN-160 Net 3.66

(H) HIDE AWAY ANTENNA
All New Hide Away, back-of-set antenna. Elements telescope completely into housing—out of sight. Deluxe brass tarnish proof elements. Shpg. wt., 1 lb. AN-217 Net 2.99

526



SPICD SUPER 6 INDOOR TV ANTENNA
Selectronic tuning matches the antenna to the ohm impedance of your TV set—brings you a sharper clearer picture on all channels! Just slide the tuner for best picture. Shpg. wt., 2 lbs. AN-219 Net 5.26

AMPHENOL INDOOR TV ANTENNA

- Slide Rule Tuning
- Modern Design

Designed for True video fidelity—featuring "slide rule" tuning with inductive reactance network for fine picture adjustment and transformer coupling for strict impedance matching. Elements fold from sight when not in use. Shpg. wt., 2 lbs. AN-65 Indoor TV Antenna Net 2.59

259



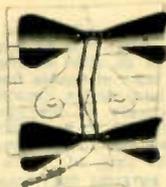
INDOOR 4-SECTION DIPOLE ANTENNA

.99

Performs as well as it looks. 4-section aluminum dipoles adjust for best picture on any VHF channel. Handsome mahogany base. Tip-proof felt padded base design safeguards TV cabinet. Complete with 300-ohm twin line. Shpg. wt., 2 lbs. AN-12 Net ea. .99
6 to 11 Net ea. .85
12 to 49 Net ea. .77
50 or more Net ea. .65

UHF INDOOR ANTENNA

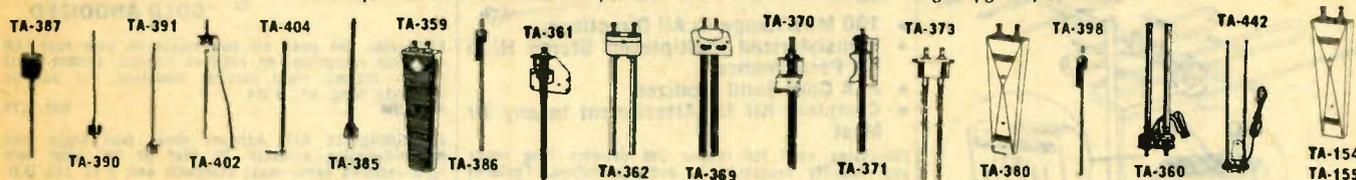
325



Decorator designed to blend perfectly with any interior. Black "bow ties" are sharply set off by the attractive golden grid. Provides excellent UHF reception; minimizes snow and ghosts; attaches to the back of any TV set; uses 300-ohm lead-in wire. Shpg. wt., 2 lbs. AN-220 Net 3.25

JFD EXACT REPLACEMENT ANTENNAS

Exact replacement TV antennas for portable and tote-able TV receivers. Avg. Shpg. wt., ¾ lbs.



ADMIRAL			
Stock No.	JFD No.	Mfrs. Part No.	Net Ea.
AN-177	TA-361	69C-220-1, 69C-220-5	3.23
AN-181	TA-370	69C-238-1	3.67
AN-187	TA-371	69C-234-1	3.67
AN-189	TA-154	AN-301	2.32
AN-175	TA-155	ALL 1956 & 1957 Sets	2.71
DU MONT			
AN-89	TA-359	All 1959 17" Sheffield	2.65
AN-188	TA-442	22002521	2.32
EMERSON			
AN-176	TA-360	471090	4.50
AN-188	TA-442	471003, 471069, 471076, 471146	2.32
GENERAL ELECTRIC			
AN-178	TA-362	P125J590-2, WT8 3X9, 10, 14	5.73
AN-176	TA-360	P125J438-1, RL001, WT83X5	4.50
AN-188	TA-442	All '56 & '57 14" & 17" sets sold less Antenna	2.32
AN-190	TA-387	WT83X16, 19, 29	4.50

HOT POINT			
Stock No.	JFD No.	Mfrs. Part No.	Net Ea.
AN-178	TA-362	WT231X3, 5	5.73
AN-190	TA-387	WT231X7	4.50
AN-188	TA-442	All '56 & '57 14" & 17" sets sold less Antenna	2.32
MAGNAVOX			
AN-89	TA-359	All '57, '58 and '59 17" and 21" sets	2.65
AN-195	TA-404	700854-.7	2.50
MOTOROLA			
AN-89	TA-359	TK-76, 1V746989	2.65
PHILCO			
AN-191	TA-390	76-10734-1,-4	4.09
AN-186	TA-385	76-10734-2,-3,-5	3.67
AN-187	TA-386	76-11538-1	3.23
AN-192	TA-391	76-10734-6	4.09
AN-89	TA-359	'57 14" Sets sold less Antenna	2.65

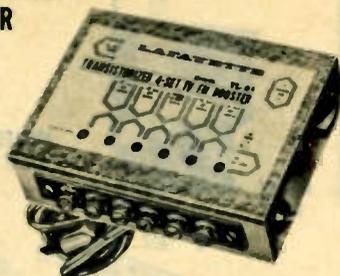
RCA			
Stock No.	JFD No.	Mfrs. Part No.	Net Ea.
AN-180	TA-369	962344-1 thru 10, 107260	4.85
AN-89	TA-359	973447, 104341, 104366, 104457, 104634	2.65
AN-193	TA-398	1470138-001-G0, 109139	2.91
SILVERTONE SEARS			
AN-195	TA-404	580-0012, 13	2.50
AN-89	TA-359	82-116-0	2.65
AN-176	TA-360	82-127-0, 82-139-0	4.50
TRAV-LER			
AN-191	TA-390	L-148	4.09
AN-186	TA-385	L168	3.67
AN-188	TA-442	'58 1730-1 17"	2.32
WESTINGHOUSE			
AN-175	TA-155	H977	2.71
ZENITH			
AN-183	TA-373	S46769	4.05
AN-184	TA-380	S43260, S43280	3.67
AN-194	TA-402	S50123	4.09

TV BOOSTERS-FM BOOSTERS-UHF CONVERTERS

NEW! LAFAYETTE TRANSISTORIZED 4-SET TV/FM BOOSTER

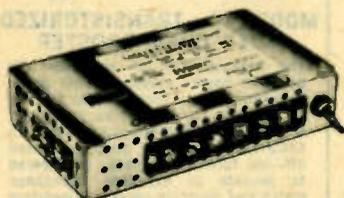
- Amplifies Signals for Top Reception on Up to 4 Sets
- Easy to Connect and Economical to Operate
- Can Be Mounted in any Location, in any Position

14⁹⁸



If your antenna isn't pulling in signals of sufficient strength then the Lafayette TL-85 Booster Amplifier is just what you need. Screw-on terminals make wire connections easy, no cutting is necessary. Transistor circuit runs cool, draws little current. Signal strength is boosted 3 to 5 times. Will operate up to 4 TV and or FM sets on the same antenna. Input impedance is matched to antenna impedance. Needs no adjustment. Isolated outputs insure maximum set separation. Can be mounted in any convenient location where adequate ventilation is provided. Size 4 3/4" x 1 1/4" x 3 1/2" D. For 117 volts, 60 cps AC. Shpg. wt., 1 lb.

TL-85 Imported Net 14.98



LAFAYETTE TV/FM 4-SET POWER BOOSTER

- Boost Signal For Up To 4 TV Sets
- Ideal for Master "Home" Installation
- Equally Useful In Primary and Fringe Areas
- Electro-Matched to Lafayette TV-FM Antennas
- Updates and improves any TV/FM Antenna installation

Provides a stronger TV or FM signal for up to 4 sets anywhere in the home. Low-Noise, High-Output amplifier boosts and distributes the signal over ordinary twin lead. Special isolation circuitry prevents interaction and interference between sets. Provides as much as 7 to 10 db gain on all channels 2 through 13 when used with one TV set. From 2.5 to 5 db when used with 2 sets. Will often supply more gain when used with an indoor antenna than elaborate, unboosted outdoor antenna supply. Requires no tuning. Installs with just a screwdriver. Uses ordinary twin lead to "antenna-matched" terminals. Mounts behind set—or in any convenient location. Measures 5 3/4" x 3 3/4" x 1 1/4" D. For 117 volts, 60 cps AC.

TL-75 Shpg. wt., 2 lbs. Imported Net 9.95

GAVIN MODEL G-4d UHF CONVERTER

- Powerful Dual Nuvistor Circuit
- Vernier Channel Selector
- AC Outlet for TV Set
- Meets FCC Requirements



Adds all 70 UHF channels to your TV set. For use in difficult signal and translator areas. Operates thru either Channel 5 or 6, whichever one is not used in your area. Features include powerful 2-Nuvistor circuit, new low-noise diode, no-drift tuner section: Shock hazard is eliminated by use of isolation transformer to provide "cold" AC chassis. TV set can be plugged into AC outlet in Back of chassis. Meets FCC radiation requirements. Channel selector dial is illuminated for easy reading. Housed in brown metal case with attractive walnut finished front panel. For 110-125 volts, 50/60 cps AC. Size: 7 1/2" x 2 1/4" x 4 1/2" D. Shpg. wt., 2 3/4 lbs.

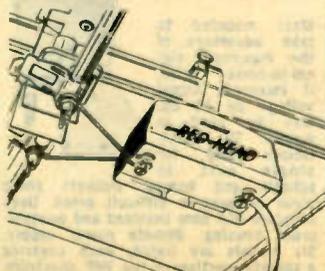
TL-180 Net 26.90

MODEL G-3c. Similar to Model G-4d except single Nuvistor circuit and no AC outlet. TL-181 Net 18.95

Winegard

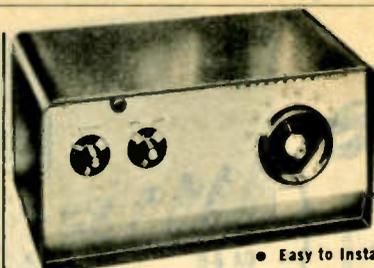
MODEL RD-300 "RED-HEAD" TV/FM ANTENNA BOOSTER AMPLIFIER

- Uses Low-Noise, High-Gain Transistor Circuit
- For Use With Any Non-Electronic VHF TV or FM Antenna
- AC Isolation Transformer—No Shock Hazard



A reliable "add-on" type amplifier which boosts signals an average of 18 db on the low VHF TV and FM bands; an average of 14 db on the high VHF TV band. Fully protected against damage due to lightning flashes, static discharges or power line surges. For use in areas receiving up to 20,000 microvolts of signal input. Has built-in high-pass interference filter, mounts easily and is weather-proof and trouble-free. Supplied with AC power supply with built-in 2-set coupler. Shpg. wt., 3 lbs.

TL-188 Net 17.61



LAFAYETTE ALL-CHANNEL UHF CONVERTER

17⁹⁸

- Makes Your TV Set a Modern 82-Channel Receiver
- For Use with Any VHF Set
- Easy to Install—Easier to Operate
- Vernier Tuning

The compact Lafayette low-noise UHF converter will add all UHF channels 14-83 to channel 5 or 6 of your present TV set. Precise tuning with dual-knob Vernier selector. UHF/OFF knob for instant selection of UHF or VHF reception. Pilot light indicator shows when UHF is on. Maximum signal power with precise 300-ohm input and output impedance. Uses 60Z4 oscillator, mixer diode, selenium rectifier. Highly styled, durable metal cabinet matches every home decor. Overall size: 8Wx4Hx4 1/2"D. For 110-120 volts, 60 cps AC. Shpg. wt., 6 lbs.

TL-176 Net 17.98

SPECIAL HIGH-GAIN UHF RECEPTION PACKAGE

Consists of Lafayette Converter; completely pre-assembled, 4-bay UHF antenna; UHF/VHF antenna coupler. Shpg. wt., 11 lbs.

SP-293WXM Net 23.99

standard kollisman MODEL "A" UHF CONVERTER



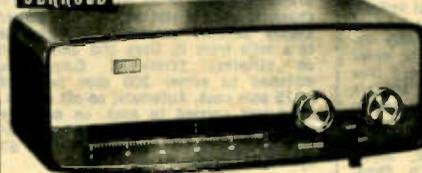
- 2-Speed Planetary Vernier Tuning
- Nuvistor IF Amplifier
- Covers All UHF Channels (14-83)
- Built-in 110V AC Outlet for TV Plug

A deluxe UHF to VHF TV converter featuring more picture power (Nuvistor amplifier), reliability and safety. Only a screwdriver is needed for fast, easy hook-up. Easy tuning is accomplished by use of 2-speed planetary drive (not a string drive). Ideal for fringe area reception because of high sensitivity and signal-to-noise ratio. Isolation transformer provides safe "cold" chassis—no shock hazard. Conforms to FCC radiation specs. Attractively styled low silhouette plastic/metal cabinet measures 11 1/4" x 3" x 5 3/4" D. For 110-125 volts, 50/60 cps AC. Shpg. wt., 6 lbs.

TL-195 Net 27.03

MODEL "B". Similar to Model "A" less Nuvistor IF amplifier and AC outlet. TL-196 Net 21.96

JERROLD MODEL SVC-560 "SUPER-VISTA" UHF CONVERTER



- No-Drift Nuvistor Oscillator, Transistor Amplifier
- High-Gain, Low-Noise Performance
- 12-Second Warm-Up
- Slide-Rule Dial for Easy Tuning

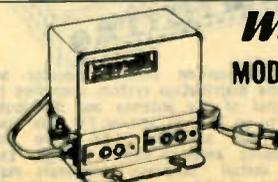
Provides excellent reception on all UHF channels (14-83), from metropolitan to fringe areas, through Channel 5 or 6 of TV set. Features a built-in oscillator and diode test point plus an AC convenience outlet. Exact 300-ohm output and input impedance match assures full signal conversion. The 10 to 1 ratio slide rule dial makes selecting another UHF channel as easy as tuning an AM radio. Power supply is isolated to eliminate possible shock hazard. Housed in an attractive, low silhouette, high-impact plastic cabinet. For 117 volts, 60 cps AC. Size: 11Wx4Hx6"D. Shpg. wt., 6 lbs.

TL-88 Net 29.95

MODEL VC-100 "VISTA". Similar to "Super-Vista" less transistor amplifier and AC outlet. TL-89 Net 20.95

Winegard

MODEL WBC4-X "BOOSTER-COUPLER"



- Incorporates Low-Noise, Frame-Grid Tube Circuitry
- Can Operate Up To Four TV/FM Sets at a time
- Cuts Snow and Interference, Increases Contrast

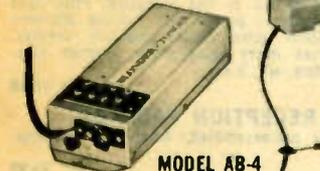
Boosts signal up to 12 db when used as an amplifier for one TV or FM set; up to 6 db on each of four TV/FM sets when used as an amplifier coupler. Linear frequency response is flat ± 25 db on any 6 MC channel (ideal for color TV reception). Has one 300-ohm input with disconnect plug and four 300-ohm outputs with no-strip terminals. Shock hazard is eliminated by use of AC isolation transformer in power supply. Easy to install. Shpg. wt., 2 lbs.

TL-189 Net 16.17

BLONDER TONGUE TV ACCESSORIES



MODEL HAB



MODEL AB-4



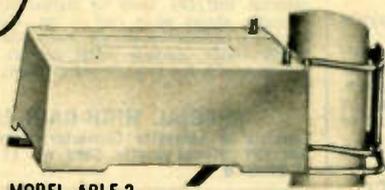
DA 8-B



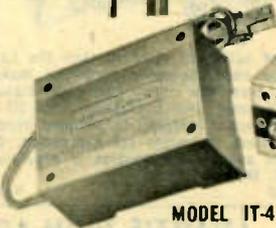
MODEL AB-3



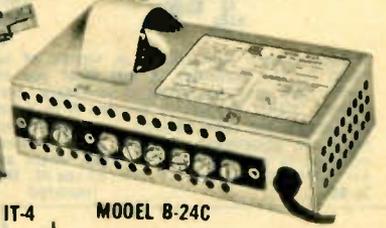
MODEL AB-2



MODEL ABLE-2



MODEL IT-4



MODEL B-24C

MODEL HAB TV/FM AMPLIFIER

The HAB provides high gain on channels 2 to 13, including the FM band. Can be used as an amplifier for small distribution systems, or as a preamplifier for larger master TV systems. FEATURES: Premium Frame-Grid Circuitry for low noise and high gain; Low cost operation; Separate high and low band amplification for wide-band response; Easy installation highlighted by solderless 75 and 300 ohm terminals; GAIN—23 ± 1db; Noise figure—54-108 mc . . . ± 1db, 174-216 mc . . . ± 1.3 db; Input and output impedances 75 or 300 ohms; Cross modulation, 1%; TUBES—1—6DJ8/ECC88, 2—6EW6. Size: 6x4 3/4 x 5 3/4". For 117 volts, 60 cps. AC. Shpg. wt., 5 lbs. U.L. APPROVED Net 42.78 TL-105

MODEL ABLE-2 TV/FM BOOSTER

Powerful mast-mounted 2-transistor booster amplifies weak antenna signals. Delivers sharp, clear reception to as many as 3 TV or FM sets. Signal voltage from antenna is increased up to 8 times for one set. Remote power supply assures isolation between sets and exact impedance match for interference free reception. Ideal for Stereo FM. "Miracle mount" snaps on any antenna mount in seconds—no bolts or straps. Stripless 300 ohm terminals assure simple positive connection. For 105-130V, 50/60 cycles AC. Size: 2 7/8 x 4 1/8 x 1 1/2". Shpg. wt., 1 1/4 lbs. Net 28.42 TL-163

MODEL AB-2 VHF/TV BOOSTER

Enjoy brilliant, clear TV reception in even the most difficult 'weak' signal or fringe areas. Powerful broadband amplifier provides more than 10 db gain on all VHF (2-13) channels. The amplifier, housed in a weatherproof case with mast mounting brackets, may be located up to 500 feet from the remote control unit. No separate power line is required. Automatic operation—booster turns off and on at remote control. Uses 300-ohm stripless terminals. The remote control unit may be located at any place convenient to the set. Shpg. wt., 2 lbs. Net 34.25 TL-103

AB-3 BROADBAND TV/FM AMPLIFIER

• CAN BE USED UP TO A MILE AWAY FROM AC POWER SOURCE

A deluxe mast mounted amplifier which provides a gain of 22 db on all VHF-TV channels and FM stations. Remote power supply permits amplifier location up to a mile from it. Uses 300 ohm input on stripless terminals. Output is matched to either 300 ohm twinlead or 75 ohm coax. Automatic on-off switch. AC power carried to Amp. on ordinary twin lead. Size: 7 1/2 x 5 1/4 x 5 1/4"; power supply 6 1/2 x 3 3/4 x 4 1/4". For 117 VAC, 60 cycles. Shpg. wt., 7 lbs. Net 64.68 TL-169

No Money Down Net 64.68 TL-169

NEW! MODEL AB-4 MAST MOUNTED TRANSISTORIZED TV/FM BOOSTER

A complete, compact amplifier—distribution system for up to 4 TV or FM sets. Reliable transistor circuit provides low noise and high gain. Stripless 300-ohm terminals on booster, and remote power supply for fast, positive installation. Requires four 1.5 volts flashlight batteries for power. Noise Figure: 4 db avg. High TV gain from 2-17 db and FM 12 db avg. depending on number of sets connected. Shpg. wt., 1 1/2 lbs. Size: AB-4 2 1/4 x 3 1/4 x 1 1/4". H. RP-3 (power supply included.) 3Wx7 1/4 x 1 1/4". H. TL-165 Net 19.55 BA-157 1.5 volt Battery (4 required) Shpg. wt., 15 oz. Net .13 MODEL AB-4AC. As above, with AC power supply. Shpg. wt., 1.5 lbs. Net 22.34 TL-168

DA8-B DISTRIBUTION SYSTEM

Powerful all-channel amplifier provides 8 isolated TV outlets with 10db gain to each on all VHF channels from one antenna. 75 or 300 ohm inputs—All triode circuitry assures low noise performance. Overload prevented by use of a 10:1 gain control range. Over 22db isolation between outlets. Requires no tuning or special accessories. Uses 4-6J6 Tubes. Comes complete for easy installation, including power supply, grounding clamps, solder lugs and terminating load resistors. For 117 volts, 60 cps AC. Size: 9x5x5 1/2". 6 lbs. TL-108 U.L. APPROVED Net 61.74

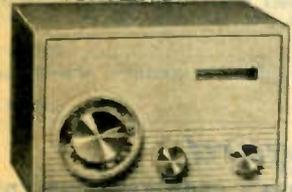
MODEL IT-4 TRANSISTORIZED 4-SET TV/FM BOOSTER

The highest gain of any home TV booster. Boosts antenna signal up to five times. More power for up to 4 TV or FM sets. The perfect basic unit for a home master TV-FM system. Draws so little current it need never be turned off—no tubes to replace. Engineered to provide an excellent impedance match and maintain necessary isolation between sets. Can also be used to boost amplifier from most mounted boosters or in master systems. Solid electrical contact with the turn of a screw. Size: 2 7/8 x 4 1/8 x 1 1/2". For 117 volts, 60 cy. A.C., .01 amp. Shpg. wt., 1 lb. Net 19.60 TL-166

MODEL B-24C 4-SET TV/FM POWER BOOSTER

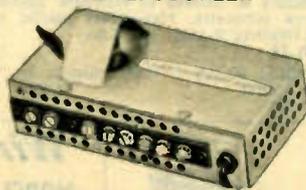
Positive improvement in picture and sound quality, even in deep fringe areas, enjoy new channels and new programs in many cases. The B-24 puts new life into older sets. A B-24 with an indoor antenna will often outperform elaborate outdoor antennas. SPECIFICATIONS—GAIN: For one set ("straight-thru"): 11 db on low TV band; high TV band: 8 db. For two set ("couple-two"): 6 db on low TV band and 3.5db on high TV band. BANDWIDTH: 54-103 mc and 174-216 mc, flat within 1/2 db. NOISE FIGURE: 4 db on low TV band and 7 db on high TV band. INPUT: For 300 ohm balanced antenna. ISOLATION: 60 db between sets. POWER REQUIREMENTS: 117 v. 60 cycles; 0.1 amp. SIZE: 6 1/4 x 3 3/4 x 2 1/2". Shpg. wt., 2 lbs. Net 18.32 TL-102

MODEL BTC-99S UHF CONVERTER



Offers drift and distortion free performance within 20 miles of the TV station. Dual speed channel selector makes it easy to pinpoint any UHF channel from 14-83. Precise impedance match gives maximum signal conversion—no ghosts—no picture smear. 300 ohm stripless terminals make installation a cinch. Output on channels 5 or 6. Handsome decorator-styled cabinet in beige enhances the appearance in any room. Size: 6 1/4 x 5 1/4 x 4 1/4". For 117V 60 cycles AC. Shpg. wt., 3 1/2 lbs. Complete with instructions U.L. approved. Net 18.03 TL-100

MODEL B-33 3-SET AMPLI-COUPLER



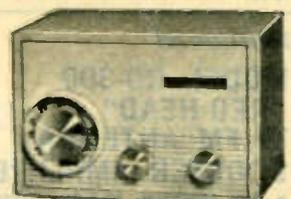
A combination antenna booster and home distribution system. Amplifies the signal of any antenna and distributes it to up to 3 TV and/or FM sets. Used on one set the B-33 more than doubles antenna signal voltage. Easy to install "stripless" terminals make solid electrical connection with the turn of a screw. No soldering is necessary—SPECS: Average gain 7db for one set; input and output impedances match standard 300 ohm twin lead; Power 117V, 60 cycles AC., 6 W. Size: 6 1/4 x 3 3/4 x 2 1/2". Shpg. wt., 2 lbs. Net 13.33 TL-167

MODEL UB UHF BOOSTER

Mast mounted to take advantage of the maximum signal-to-noise ratio, it increases signal voltage by 14 db. May be used in master TV installations and for single sets in schools and homes. Delivers sharp clear pictures in difficult areas. Uses standard 300 ohm twinlead and weather-proof housing. Remote power supply. Six models are listed, each covering a specific portion of the VHF spectrum. For 117 volts, 60 CPS AC. Size: 7x5 1/4 x 4 1/2". H. Shpg. wt., 5 lbs. Net 60.76 TL-170 (14-29 MC) Net 60.78 TL-171 (25-40 MC) Net 60.76 TL-172 (41-55 MC) Net 60.78 TL-173 (56-69 MC) Net 60.76 TL-174 (70-83 MC) Net 60.76 TL-175 (72-76 MC) Net 60.76



MODEL BTU-2T DELUXE UHF-TV CONVERTER

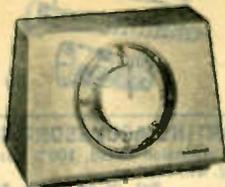


Adds all UHF channels (primary, satellite, and translator) to standard TV sets. Insures finest picture even in weak areas. Features dual-speed channel selection with direct and fine tuning controls; stable, shielded oscillator. Max. signal transfer to channel 5 or 6 of TV; Precise 300 ohm match and triode amplification; Improved tuner design meets new FCC standards; U.L. approved; Tunes channels 14-83 (470-890 mc); Tubes: 6AF4A and 6ER5; Power: 117 volts at 60 cps AC, 20 w. Size 6 1/4 x 5 1/4 x 4 1/4". Shpg. wt., 4 lbs. Net 26.66 TL-101 U.L. approved.

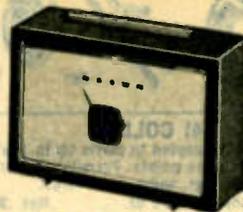
ROTATORS — RANGE EXTENDERS



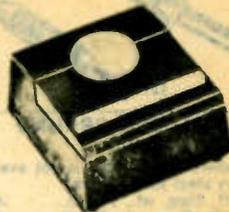
1



2



3



4

ALLIANCE ANTENNA ROTATORS

Rotator redesigned and restyled to provide faster, smoother, better efficiency. Rotation speed is 1 R.P.M. and thus has the fastest change from station to station. Magnetic brake affords instantaneous stop without drift. There is full 360° rotation. Factory lubricated for life. Contacts are self wiping thus preventing arcing, loss of contact or interference in pix. A reinforced zinc die cast housing affords all weather protection.

Model U-100(1 & 2)—Fully automatic, just set control knob and antenna rotates to desired position and stops automatically. Indicator shows position of antenna. Has positive mechanical stop at the end of rotation. Size: Rotator 7 $\frac{3}{4}$ " x 5 $\frac{1}{4}$ " x 8" Control Case 7x4 $\frac{1}{2}$ x4". 110V, 60 cps AC at 65 watts. Shpg. wt., 12 lbs. TL-71W Net 28.20

T-20 (1 & 3)—Manually operated with direction indicator. Needle indicates position of antenna on control panel. Has clockwise and counterclockwise revolution. Highly styled decorator case. Size: Rotator 7 $\frac{3}{4}$ " x 5 $\frac{1}{4}$ " x 8". Control Case 6 $\frac{1}{2}$ " x 2 $\frac{1}{2}$ " x 4 $\frac{1}{2}$ ". Operates on 110V 60 cps AC at 30 watts. Shpg. wt., 12 lbs. TL-72W Net 23.55

Model K-22 (1 & 4)—Economy model—Provides positive instant finger tip control of rotation. Push on an end of bar and antenna turns clockwise. Push down on other end and antenna turns counterclockwise. Center disc automatic signal light indicates when limit of travel in either direction has been reached. Size: Rotator 7 $\frac{3}{4}$ " x 5 $\frac{1}{4}$ " x 8". Case 5" x 5" x 4". Shpg. wt., 12 lbs. TL-73W Net 18.98

TBB THRUST BEARING BRACKET increases stress capacity of Tenna-Rotors up to 300 lbs. Withstands winds up to 90 M.P.H. Prevents buckling and bending. Shpg. wt. 3 lbs. Net 2.91

TL-74 WRC-104 4 conductor flat cable for above—per ft. .03; WR-151 per C ft. 2.50

CDR ROTOR W/COMPASS CONTROL UNIT



- Controlled Directional Reception for color TV-FM Multiplex—UMF
 - Illuminated Compass Pattern Dial
- Press the bar lever on the TR-2A compass-type control unit and you start the antenna rotating, reverse the direction or stop. As antenna rotates, one of the letters on the dial will light up to show the direction the antenna is facing—

N.E.S. or W. 110-120V 50-60 cycle AC.

Rotor handles loads to 150 lbs. Weather-proof construction, life-time lubrication. 12 heavy-duty bearings in two 6 $\frac{1}{2}$ " ball-bearings races. Motor reverses instantly. Clamps handle masts of 7 $\frac{3}{8}$ " to 2". Heavy-duty precision gears; magnetically released mechanical brake; 3 guy-wire lugs; mounts on mast, tower or platform. TL-160 Shpg. wt., 16 lbs. Net 26.41
8-CONDUCTOR CABLE. For use with TR-2A Rotor above. Shpg. wt., per 100-ft., 4 lbs. WR-446 Per 100-ft. length Net 4.20

CDR AR-22 AUTOMATIC ROTOR

- Controlled Directional Reception For Color TV-FM Multiplex—UMF

This heavy-duty rotor unit will handle antennas up to 150 lbs. Simply set the control unit pointer to the desired direction, and the antenna will automatically rotate to this position and stop. Perfect for TV, Ham or Citizen Band application. Rotor unit employs 12 heavy duty ball bearings in two 6 $\frac{1}{2}$ " races. Weather-proof motor reverses instantly and is factory lubricated for life. Reversible clamps on rotor will take masts from 7 $\frac{3}{8}$ " to 2". O.D. Control unit is marked in compass points. N.S.E.W. NW, NE, SW, and SE. Housed in attractive brown plastic cabinet with rubber feet. Complete with rotor, control unit and instructions. For 110-120 volts, 50-60 cps AC. Requires 4 conductor cable. NE-476WX Net 31.31

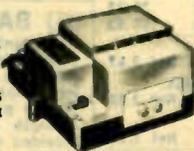


3131

WRC-104 4 conductor flat cable for above—per ft. .03; WR-151 per C ft. 2.39

JERROLD "FMX" FM RANGE EXTENDER

- Improves Sound of Inexpensive FM Tuners and Receivers
- Brings in More FM Stations
- Ideally Suited for Multiplex Reception



A high gain (20 db) signal preamp complete with built-in power supply and on-off switch. Novel 6DJ8 frame grid tube eliminates unwanted background noise. Printed circuitry for stable performance. Designed for quick, easy mounting anywhere in the home, between antenna and receiver. Light-alloy cabinet with "no-strip" trim lead connectors. Input and output impedance: 300 ohms; signal input: 1.2 microvolts; power requirements: 10W at 117V AC, 60 cps. 4 $\frac{1}{2}$ x4 $\frac{1}{2}$ x3". TL-96 Shpg. wt., 1 $\frac{1}{4}$ lbs. Net 18.95

JERROLD TX-FM SPECIAL TV-FM COUPLER

- No Signal Loss



The new TV-FM coupler splits TV and FM signals frequency-wise and without loss to either signal from a common antenna. Gives complete isolation between TV and FM sets. Equipped with "No-Strip" serrated washers. Indoor mounting on baseboard, in attic or basement; bracket supplied for outdoor mounting to antenna mast. Shpg. wt., 1/4 lb. TS-352 Net 3.87

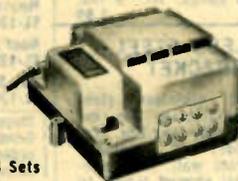
MILLER HI PASS FILTER

Reduce interference from industrial, commercial and medical equipment. Also "Ham" signals below 40 Mc. No practical attenuation of TV signals above 40 Mc. Simple installation. Connect to TV set antenna terminals. Size 1 $\frac{1}{2}$ x1 $\frac{1}{2}$ x3 $\frac{1}{2}$ ". Shpg. wt., 1/2 lb. TS-321 300 Ohm Line Ea. 3.23



JERROLD HSA-44 4-SET AMPLIFIED COUPLER

18⁹⁵



- Operates 4 TV/FM Sets from One Antenna

This new amplified coupler allows the use of up to 4 FM or TV sets, in any combination, from a single antenna with a minimum of 1/2 db gain at each output. Operates on an input as low as 100 microvolts and has an excellent noise figure. Input and output impedance of 300 ohms permit use of twin-lead in installation without stripping. Uses 6DJ8 tube. 4 $\frac{1}{2}$ x4 $\frac{1}{2}$ x3". For 117V AC, 60 cycles. Shpg. wt., 3 lbs. TL-97 Net 18.95

JERROLD TV-FM HOME SYSTEM ACCESSORIES



HS-135. Surface mounting outlet assembly with press-on male plug. Shpg. wt., 2 oz. TS-353 Net .88



HS-140. Flush mounting outlet; mounting ring; ivory cover plate; press-on plug. Shpg. wt., 1/4 lb. TS-354 Net 1.13



HS-24. Press-on male plug. No soldering required. Shpg. wt., 1 oz. TS-355 Net .30

ALL CHANNEL UHF-TV CONVERTER

- For Clear Sparkling Pictures
- Class A Signal Areas
- Adds UHF Channels 14-83 to Your TV Set



Enjoy all the new programs on UHF channels 14-83 on your present TV set with this UHF converter. Simple one-knob tuning with single on-off knob. Easy to install to terminals of your TV set and is easily attached to rear or side of cabinet. Gold, unbreakable metal housing. Power: 117V AC, 60 cycles. Size: 5x3 $\frac{3}{4}$ x2 $\frac{1}{2}$ ". TL-98 Shpg. wt., 3 lbs. Net 13.44

B-T CABLEMATCH



- Matches 75-Ohm Coax to 300-Ohm TV Sets
- No Grounding Problem with Hot Chassis
- Easy to Use and Economical

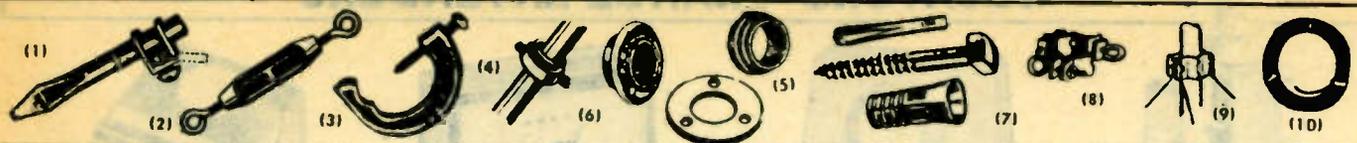
For use in Master TV or Community TV system installations. Every TV set in such systems requires one matching transformer. The Cablematch is the easiest, safest and most economical method of matching 75-ohm coaxial cable to the 300-ohm input of a TV set. Input: 75-ohm solderless Autoplug. Output: heavy-duty leads with spade lugs. Transmission Loss: 1.5 db maximum. High impact polystyrene case. Size: 2 $\frac{1}{2}$ Lx1 $\frac{1}{2}$ Wx1 $\frac{1}{4}$ "H. Shpg. wt., 6 oz. TS-337 Net 1.85

FINE TUNING SHAFT



- For Standard Coil Tuners
- Replaces Standard Coil part number 31T-243-180. The most often needed replacement shaft for tuners. Extra long, all aluminum shaft. Full 10" length easily cut to size. Continuous tuning type — no bumper strap to break off. Fits all models. Shpg. wt., 3 ozs. TS-343 Net 1.88

TV TOWERS - MASTS - ACCESSORIES



(1) 3/8" PLATED GROUND ROOS
 For use where pipe ground is not available. Heavy steel yoke for head.
 TL-15W 4 ft. Shpg. wt., 1 1/2 lb. .49
 TL-16WX 6 ft. Shpg. wt., 2 1/4 lb. .68

(2) STEEL TURNBUCKLES
 Takes up guy-wire slack. Rustproof galvanized steel. Size: 7/8" open, 5/2" closed. Shpg. wt., 8 oz.
 TS-72 .13
 10 for 1.17

(3) "GRIP" GROUND CLAMP
 Makes vise-like grip on pipe. Sharp pointed screw makes perfect contact.
 TS-81 Shpg. wt., 4 oz. .15

(4) COLLAR
 Universally adapted to masts up to 1 3/4". Hardened cone points. Permits most orientation when using guy wires.
 TS-78 Shpg. wt., 2 oz. Net .30

(5) GUY WIRE RING & COLLAR
 Cast aluminum floating guy wire ring and collar permits complete orientation of the mast. Will fit masts up to 1 3/4".
 Shpg. wt., 1 lb.
 TS-79 .106
 TS-80 Same as above but will take masts up to 1 3/4" 1.12

(6) FLOATING GUY RING
 Free-Floating. Will not bind. Retains guy wire securely. Galvanized steel. Shpg. wt., per pkg. 5 ozs.
 TS-66 For 1 1/4" mast. Pkg. of 2 .15
 TS-67 For 1 1/2" mast. Pkg. of 2 .15

(7) MOUNTING ACCESSORIES
 Lag screw expansion shield. 100% rust proof. Shpg. wt., 10, 2 oz.
 TS-50 Net .09 ea. 10 for .81
 Lag bolts, 1/4" diam. shank 1 1/2" long.
 TS-51 Net .04 ea. 10 for .36

(8) 3-WAY GUY WIRE CLAMP
 Fits masts up to 2 1/2" diameter. Made of heavy gauge steel. Shpg. wt., 3 oz.
 TS-89 Net .29

(9) MAST GUY CLAMP
 Has 6 guying points. A handy thing to keep in the tool kit. Will accommodate masts up to one and one-half inches in diameter. Shpg. wt., 1/2 lb.
 TS-76 .21

(10) STEEL GUY WIRE
 Six strands of No. 20 high tensile strength galvanized steel wire.
 WR-28 50 ft. roll. Wt., 1 1/2 lbs. .30
 WR-29 100 ft. roll. Wt., 2 lbs. .54
 WR-30 500 ft. roll. Wt., 12 lbs. 2.65

ALUMINUM GUY WIRE
 7-18 gauge stranded wires. Breaking strength 500 lbs.
 WR-33 100 ft. roll. Wt., 2 lbs. 1.98
 Lots of 5 ea. 1.00

ALUMINUM GROUND WIRE
 WR-27 50 ft. coil. Wt., 1 1/2 lb. .85
 WR-31 100 ft. coil. Wt., 2 1/4 lb. 1.20
 WR-32 500 ft. coil. Wt., 13 lb. 5.90

GUY WIRE FASTENER

.69
 Simply draw guy wire through the "grip-tite"; loop wire back, and twist once. Used extensively in armed service communication installations.
 TS-320 Shpg. wt., 4 oz. Net .69

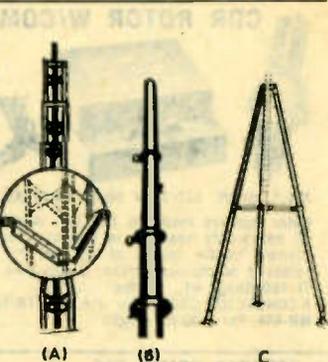
GOLD ANODIZED ALUMINUM MAST

 This Golden Anodized aluminum mast will outlast any antenna. Made of a tough, extra strong, drawn aluminum alloy. Two or more masts may be telescoped together.
 TL-115W 5 ft. Wt., 1 1/2 lbs. Net 1.25
 TL-116WX 10 ft. Wt., 2 1/2 lbs. Net 2.39

TOWERS - MAST SECTIONS

(A) SPAULDING "STRATO-TOWERS"
 High quality beaded channel construction. All riveted, no welds to rust. Rugged, zinc plated steel. More strength—less wind resistance at tower top. Top sections accept any rotator. All sections factory assembled. Each tower consists of one or more 8' sections plus an 8' mast, base plate and mast kit assembly. May be "house" bracketed or roof mounted. Free standing installations require guying every 16". Roof mount, "house" bracket and guy stations are extra.

No.	Hgt.	Secs.	Wgt.	Net
TL-122X	8'	1	25	15.78
TL-124X	16'	2	41	23.22
TL-125X	24'	3	56	29.22
TL-126X	32'	4	72	36.52
TL-127X	40'	5	88	43.83



UNDER-EAVE MOUNT

 For Modern Overhanging Eaves
347
 Permits mounting antenna to the underside of over-hanging eave. Can also be used as a sturdy self supporting flat roof mount. Heavy gauge steel and Hot-Dip galvanized for maximum corrosion resistance. One piece mounting of welded construction with a heavy gauge embossed steel diagonal support. Complete with installation hardware. Shpg. wt., 6 lbs.
 TL-135 Net 3.47

ALUMINUM MASTS. 19 gauge-heavy wall-high tensile strength. Rust and corrosion proof. Swaged for slacking.
 TL-66W 5 ft. Wt., 1 1/2 lbs. .89
 TL-17WX 10 ft. Wt., 2 1/2 lbs. 1.69
 10 Ft. Mast shipped via express only.
STEEL MASTS. New corrosion-resistant 5 ft. steel mast made to fit all antennas. One end is tapered. "Jam Fit" construction with locking key. 1 1/4" O.D.
 TL-12W 5 ft. Wt., 2 1/2 lbs. .68
 TL-13WX 10 ft. Wt., 4 1/2 lbs. 1.25
 TL-14WX 10 ft., 16 gauge. Wt., 8 lbs. 1.89

Stock
 TL-122X 8' 1 25 15.78
 TL-124X 16' 2 41 23.22
 TL-125X 24' 3 56 29.22
 TL-126X 32' 4 72 36.52
 TL-127X 40' 5 88 43.83
 House Bracket, Shpg. wt., 5 lbs.
 TL-128X Net 3.87
 Roof Mount Base, Shpg. wt., 2 lbs.
 TL-129X Net 2.88
 Guy Station, Shpg. wt., 4 lbs.
 TL-130X Net 3.25
 Shipped F.D.B. Frankfort, Ind. No C.D.D. Send full remittance to Lafayette with order. Shipping charges collected on delivery.

(C) BANTAM TV TOWERS
 New Bantam TV towers designed for convenient mounting on all peak or flat roof tops. Eliminates cumbersome guy wires. Antenna tower is self supporting. Hot-dip galvanized steel tubing insures strength and corrosion-proof service. Provided with special, hardened, screw nuts for strong and rigid fastening. Adjustable feet. Completely pre-assembled. Less mast.
 7 Foot Installation. Use with 1 1/4" O.D. x 5" mast. Net 3.24
 TL-64WX Wt., 5 1/2 lbs. Net 3.24
 9 Foot Installation. Use with 1 1/4" O.D. x 5" mast. For 13 Foot Installations, use with 1 1/4 O.D. x 10" mast.
 TL-65WX Wt., 7 lbs. Net 5.05

NO-GUY ROOF MOUNT

 For Flat or Slanted Roof
 Steel and Cast-iron Base
247
 Legs adjust to the angle of roof for mounting on flat or peaked roof. Steel and cast iron base will support average antenna on a mast up to 10-feet, up to 1 1/2" diam. No guy wires needed. All-weather finish. Shpg. wt., 5 lbs.
 TS-356 Net 2.47

4" STAINLESS STEEL WALL BRACKET

 All stainless steel construction for extremely long life. Provides 4" clearance from wall. With special shaped U-bolt to hold masts up to 1 1/2"
 D.O. Shpg. wt., 2 lbs. Net 1.35
 TS-367

(B) TELESCOPING TV MASTS
 Heavy-duty telescoping masts, ideal for any TV antenna array. Hot-dip zinc galvanizing inside and outside provides unusual ruggedness and impenetrable corrosion resistance. Designed for easy installation and assembly. Husky bolts. Lock sections automatically. No slipping, no twisting. Precision fitting assures lasting service. 18 and 20 gauge walls. Supplied complete with all guy rings, clamps and necessary hardware. Total 5 10-ft. sections for height up to 50 ft. O.D. ±1 (1 1/4"), ±2 (1 1/2"), #3 (1 3/4"), #4 (2"), #5 (2 1/4") Shipping express only.
 50-FT. MAST—Consists of all 5 sections listed above: Nos. 1, 2, 3, 4 and 5. Height 50 feet. Shpg. wt., 39 lbs.
 TL-63WX Net 12.99
 40-FT. MAST. Consists of 4 sections; Nos. 1, 2, 3 and 4. Height 40 feet. Shpg. wt. 28 lbs.
 TL-62WX Net 9.49
 30-FT. MAST. Consists of 3 sections. Nos. 1, 2 and 3. Height 30 feet. Shpg. wt., 21 lbs.
 TL-61WX Net 6.98
 20-FT. MAST. Consists of 2 sections. Nos. 1 and 2. Height 20 feet. Shpg. wt., 14 lbs.
 TL-60WX Net 4.29

NEW "BI-MOUNT" ANTENNA MOUNTING KIT
 Does not use guy wires — is strong, easy to install.

182
 "BI-MOUNT" kit used to mount and support any 5 ft. 1 1/4" mast. Includes collar, support legs, base mount and screws. Shpg. wt., 1 1/2 lbs.
 TL-136 Net 1.82
 SUPER "BI-MOUNT" kit used to mount and support any 10 ft. 1 1/4" mast. Includes 1" dia. support legs, collar, adjustable mast mount and all screws. Shpg. wt., 2 1/2 lbs.
 TL-137 Net 3.44

ALL ANGLE BASE and ROOF MOUNT

 All Angle Base and Roof Mount. Most popular swivel base mount in use today. Works on any surface—flat, slant, peak or wall. Heavy gauge weatherproofed steel. Takes any mast up to 2 1/4" O.D. Complete with hardware. Wt., 2 lbs.
 TS-37 Net .99

3 LB. DRILLING HAMMER

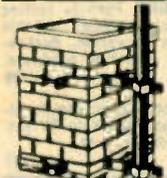
 ALL STEEL Double Faced
 One piece, all steel construction. Double faced drilling hammer, well balanced, polished finish. Heavy rubber cushion grip. Non-slip, comfortable, full size handle. Forged steel for rugged use—shaped to reduce shock. Shpg. wt., 4 lbs. Imported.
 HO-930 Net 2.29

POPULAR PRICED TV ACCESSORIES

SOUTH RIVER SUPER MOUNT

A super-heavy pair of chimney mounts made of aluminum alloy. Extra strong and durable. Will withstand the most severe weather conditions. Two 12 ft. stainless steel straps and stainless steel seals. Six aluminum corner brackets to protect chimney bricks. The most ideal and permanent installation for those who want quality and durability. Will hold masts up to 2" O.D. Shpg. wt., 5 lbs.

Each 5.88
Lots of 3 Each 5.29



ECONOMY MOUNT 99¢

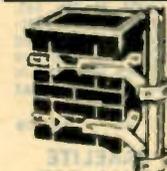
Can be erected in minutes, without special tools or drilling. Adjustable, two-section design permits unlimited spacing between brackets for maximum support of masts 1/2" to 1 1/2" O.D. Complete with two 12-ft. lengths of 3/4" galvanized steel bands and hardware. Shpg. wt., 3 lbs.

TS-82 Net Each .99

ALL STAINLESS STEEL CHIMNEY MOUNT

Made entirely of stainless steel! The mount — rivets — screws — nuts — clips — every piece is stainless steel. Everlasting — rust proof — non corrosive. Will take masts from 3/8" to 1 1/2" O.D. Never needs replacing — do it once and forget it! Complete with 2—12 ft. stainless steel straps and all hardware. Shpg. wt., 4 lbs.

TS-245 Net 4.73
Lots of 3 Each 4.13

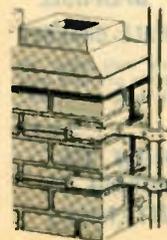


NO RUST BARGAIN MOUNT

Singly Each 1.98

The ideal chimney mount for life-long satisfactory service under the most severe conditions. Hot dip galvanized steel "Y" mount. Two 10 ft. stainless steel straps and stainless steel seals. And at Lafayette's bargain prices. Shpg. wt., 4 lbs.

TS-90 Net Each 1.98
Lots of 3 Each 1.80



STRAPLESS CHIMNEY MOUNT

Can be installed in seconds with hammer and wrench on brick, stone or cement block chimneys of any size, or on the corner of almost any building. Mount is capable of up to 1500 lbs. clamping pressure and cannot rust away. Shpg. wt., 2 lbs.

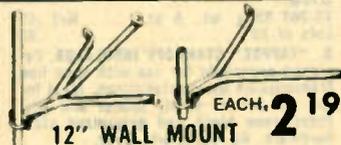
125

TS-351 Net 1.25

RATCHET TYPE CHIMNEY MOUNT

Designed for easy, rapid installation. Simply pull the banding around the chimney, thread the single loose end through the slotted shaft and tighten the ratchet. Ideally suited for cold weather installations. Constructed of heavy-gauge steel and embossed for extra strength. Zinc plated, with a gold Iridite finish for rust protection. Special serrated "U" bolts prevent mast from turning. Two 12-ft. lengths of galvanized banding.

TS-357 Shpg. wt., 5 lbs. Net 5.29



12" WALL MOUNT EACH 2.19

Completely constructed of steel, using extra heavy gauge steel tubing which will not bind. Protected against corrosion by the ALCOATE finish. Special "sure grip" U-bolts. Holds mast up to 1 1/2" O.D. Tripod leg for one section. Shpg. wt., 3 lbs.

TS-250 Singly Each 2.19

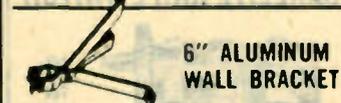
ADJUSTABLE 18" WALL MOUNT
TS-88 Net Each 3.37
Lots of 3 Each 3.06



3 1/2" WALL BRACKET EACH .49

One of the most popular and practical antenna mounts. Securely grips all masts from 1" to 1 1/2" O.D. Made of rust resistant steel. Supplied with hardware. Shpg. wt., 2 lbs.

TS-13 Singly ea. .49
Lots of 6 ea. .39



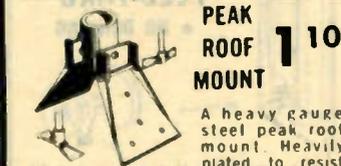
6" ALUMINUM WALL BRACKET

Heavy gauge aluminum. Carriage bolts throughout. Full thread hex head lag screws. Masts just "snap-in" for easy handling. Tripod legs. Shpg. wt., 3 lbs.

TS-156 Per Pair 1.62

3 1/2" ALUMINUM BRACKET
Similar to above. Takes masts up to 1 1/2" Shpg. wt., 1 lb.

TS-288 Net each 1.15
Lots of 3, each 1.05



PEAK ROOF MOUNT 1.10

A heavy gauge steel peak roof mount. Heavily plated to resist corrosion. Will accommodate mast, up to 2" in diameter. Fully adjustable can be easily rotated. Complete with all necessary hardware. Shpg. wt., 5 lbs.

TS-41 Net 1.10

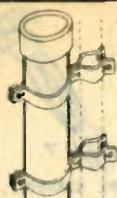


STAINLESS STEEL STRAP KIT

Singly, each 1.49

Replacement kit. Consists of 2 12-ft. stainless steel straps, stainless steel seals, triangular eyebolts, forkwashers, hexnuts. Puts an end to rust and corrosion. Shpg. wt., 2 lbs.

TS-53 Net each 1.49
Lots of 3 each 1.34



4" SNAP-IN VENT PIPE MOUNT 1.39

Mast snaps into bracket. Snap in feature eliminates holding of mast while applying hardware. Single front locking carriage bolt for easy one hand tightening. Sturdier, mast held close to vent pipe. Heavy gauge steel—bright zinc finish. Shpg. wt., 2 lbs.

TS-289 Net Each 1.39



UHF-VHF LIGHTNING ARRESTER

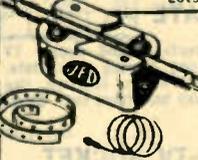
Special saw-tooth washers grip transmission line securely without stripping or cutting wire. Designed for flat, tubular, oval or open types. Constructed of low-loss material that assures less capacity and inductance, resulting in less line loading on UHF. With mounting screw and steel strap. U/L approved. Shpg. wt., 10 oz.

TS-11 Each .35
Singly Lots of 10, Each .29



JFD "LITTLE GIANT" TWIN LEAD LIGHTNING ARRESTER

For Regular or Oval Jumbo Twin Lead. Underwriters Laboratories Approved. No wire stripping or spreading of line necessary. Small size permits easy mounting anywhere — inside or outside. Complete with ground lug and screws for wall or window sill mounting. Special high dielectric, flame-retarding plastic construction does not vary line impedance. Insures maximum signal transfer. TS-58 Singly Shpg. wt., 9 oz. Each .73
Lots of 6 Each .66



UHF-VHF JFD AT103 LIGHTNING ARRESTER

AT103. For tubular and oval Jumbo twin-lead. Underwriters Laboratories Approved. Waterproof porcelain with 4" aluminum ground wire and stainless steel strap. Shpg. wt., 9 oz.

TS-27 Net 1.32



JFD 3-IN-1 LIGHTNING ARRESTER UHF VHF

3 ways better! Special compensating coils for maximum signal transmission—exclusive strain-relief lips — mounts on mast, wall or window sill. Discharges antenna and lead-in static. Nickel-plated brass hardware never corrodes. AT1105 has stainless steel strap. 9 oz.

TS-16 Screw Type Net .88
TS-17 for pipe mounting Net 1.03



4-WIRE ARRESTER

Chisel point contact eliminates stripping; tightening ring nut completes installation. Low-loss polystyrene case. Also usable with standard TV-FM ribbon. Shpg. wt., 1 lb.

TS-59 Singly Each 1.32
Lots of 6 Each 1.19



AMPHENOL UNIVERSAL ARRESTERS

Takes flat, tubular or open wire line. For UHF, VHF or FM. Guards both the set and the signal. Lowest measurable loss—only 1/2 db at 825 MC. Shpg. wt., 6 oz.

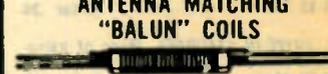
CM-187 Net .90



RCA LIGHTNING ARRESTER

Especially designed for the protection of TV and FM receivers. Attaches to the 300-ohm twin lead without cutting or stripping. Easily mounted on any mast or pipe from 1/2" to 2" diameter. Shpg. wt., 5 oz.

TS-335 Net .65
TS-336 Screw Type Net .73



ANTENNA MATCHING "BALUN" COILS

Automatically match antenna to input circuit impedance. Impedance ratio 4:1 — replacement for RCA, Phico, Motorola, etc. Used to construct the finest set couplers and matching transformers. Set of 2 complete with instructions. Shpg. wt., 6 oz.

TS-269 Net per pair .86



SIGNAL ATTENUATOR

May be used with all TV sets troubled with excessive signal. Eliminates poor sync., multiple images, buzz, beats in picture, etc., when caused by signal overloading. Produces 1000 to 1 change in signal reaching set. Reduces most cross-modulation effects. Adjustable for all signal areas. Simple to mount—simple to install. Shpg. wt., 8 oz.

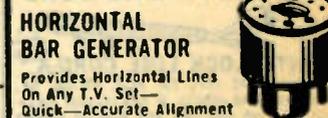
TS-218 Singly, each 1.94
Net each in lots of 3 1.75



CRL TV ATTENUATOR

Permits proper attenuation required for best TV reception through use of H pads. Eliminates tearing of image due to nearby, high-powered stations. Six switching positions from regular antenna to 60 db loss. Complete with knob, leads, dial plate, container. Shpg. wt., 1 lb.

VD-296 Net 5.88



HORIZONTAL BAR GENERATOR

Provides Horizontal Lines On Any T.V. Set—Quick—Accurate Alignment. Generates a series of equally spaced horizontal lines to indicate picture linearity. Simplifies precise setting of yoke. Makes possible accurate positioning of focus coil or magnet. Quick adjustment of vertical linearity, height and centering. No bulky, expensive equipment needed. Plugs onto picture tube. Completely self-contained.

TS-129 Shpg. wt., 8 oz. Net 1.12

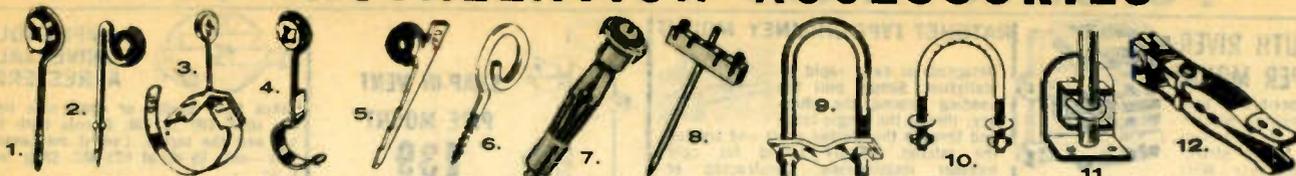


MILLER ADJUSTABLE ION TRAP

Adjustable between 32 and 55 gauss. Takes the place of most single-magnet ion traps in use. Thumb-screw adjustment permits selection of any strength within its range. Reduces serviceman's inventory. Permits easy replacement where original value is unknown or incorrect. Shpg. wt., 8 oz.

CO-71 Net .88

TV INSTALLATION ACCESSORIES



UNIVERSAL STANDOFF INSULATORS

Latest polyethylene insert will accommodate twin-lead, open line, hollow and tubular lines, round lines, oval lines, double lines, etc.

- 1. SCREW-EYE STANDOFF.** First choice for fast secure anchoring. Av. shpg. wt., 10 oz.
- TI-10 3 1/2" 5 for .13
 - TI-11 5" 5 for .20
 - TI-12 7 1/2" 5 for .24

- 2. DRIVE-IN STANDOFF.** Made of galvanized steel. Av. shpg. wt., 3 oz.
- TI-20 3 1/2" 2 for .13

- 3. ADJUSTABLE STRAP-TYPE STANDOFF.** Fits any size mast. Av. shpg. wt., 10 oz.
- TI-17 7 1/2" Stainless Steel 2 for .23
 - TI-25 Stainless Steel, 3 1/2" 2 for .17

- 4. "CLIP-ON" STANDOFF.** Attach to mast instantly—"Click" and they're on. 3 1/2" long. Av. shpg. wt., 6 oz.
- TI-22 For 1 1/4" mast 2 for .15

- 5. SUPER NAIL INSULATOR.** Takes flat twin-lead or coaxial cables. Easily drives in brick, mortar, wood and even most concrete. Secure connection. Av. shpg. wt., 4 oz.
- TS-36 3 3/4" long 2 for .17

- 6. GUY WIRE HOOK EYE.** Strong and permanent anchoring. Made of galvanized steel.
- TS-71 4 oz. 3 for .13

- 7. HOLLOW WALL SCREW ANCHORS 2 1/2" long 3/8" body. 7/8" sleeve.** With 10-24 screw.
- TS-207 Shpg. wt., 6 oz. Net .12
 - Lots of 1095

- 8. "TAPPEE" STANDOFF INSULATOR.** Designed especially for use with open line transmission wire installations. Ideal for use as anchor point, spacer and etc. Polystyrene block and galvanized steel hardware. Av. shpg. wt., 5 oz.
- TS-291 5" wood screw 5 for .55
 - TS-292 7 1/2" wood screw 5 for .60
 - TS-293 5" strap type 3 for .39
 - TS-294 7 1/2" strap type 3 for .41

- 9. MAST CLAMP.** Notched retaining clamp holds 2 masts firmly in sturdy U-bolt. Galvanized steel. Wt., 3 oz.
- TS-96 Net ea. .17

- 10. U-BOLT.** Made of galvanized steel. Supplied with nuts and washers in place.
- TS-70 4 oz. (2/pkg.) 2 for .17

- 11. ALL-ANGLE MOUNT.** Permits setting of 1/2 to 1 1/4" masts at most suitable angle for maximum reception. Rust-resistant steel. With mounting hardware.
- TS-83 3 oz. ea. .39

- 12. QUICK CLIP.** For speedy, simple attachment of antenna lead-in to TV set. Can't short out. Shpg. wt., 2 oz.
- TS-10 ea. .07

SCREW-EYE INSULATORS

3 1/2" wood-screw type with genuine polyethylene universal inserts for TV line. Shpg. wt., 1 1/2 lb.

- TI-10 Box of 5098
- Box of 500. Shpg. wt., 15 lb. 7.50



OUTDOOR DUPLEX PLATE

Weatherproofs any duplex receptacle

For outdoor outlets and switches. Shields against rain, snow, ice, dirt and moisture. Individual "snap" covers. Lock in open position—"snap" shut—seal tight. Rust proof brass plate with aluminum finish, rubber gasket and rubber "undercoat" mat. Stainless steel hinge springs. Shpg. wt., 8 oz.

- EL-102 Net 1.42

"CHEATER" EXTENSION

A 6 ft. extension for RCA, Philco, G.E., Admiral and other interlock type sets. Handy for service kit and work bench.

- TS-107 Shpg. wt., 10 oz. Net .35

INTERLOCK LINE CORD

Replacement cord for RCA, Philco, GE, Admiral, and others. It has regular molded plug on one end and special rubber plug on the other to fit TV sets. Underwriter's Laboratories approved. A very handy thing to have in your service kit or on the workbench. Shpg. wt., 1 lb.

- TS-105 6 ft. brown cord25

INTERLOCK TV LINE SOCKET-B

Conventional male interlock socket. Standard type used on all television receivers. Heavily plated contact pins. 1 1/4" mounting centers. Shpg. wt., 6 oz.

- TS-10609

DELUXE TV SERVICE LITE

Keep your hands free. Spring clamp with rubber covered ends attaches anywhere in T.V. cabinet. 4 1/4" highly polished aluminum reflector uses standard 25 watt bulb. Complete with 6 ft. cord and plug, less bulb. Shpg. wt., 1 1/2 lbs.

- MS-63 Net 1.59



DUPLEX TV RECEPTACLE & WALL PLATE

Neat, convenient, efficient installation. Use for 2 TV sets or TV and FM. Fits standard outlet box. Ivory only. Shpg. wt., 4 ozs.

- TS-249 Net 1.16
- Molded 2 contact plug for 300 ohm lead. TS-247 Net 1.0

ROTOR COMBINATION PLATE. Similar to above except one outlet for 4 conductor rotor lead and one for antenna lead. Ivory only. Shpg. wt., 4 ozs.

- TS-295 Net 1.26
- Molded 4 contact plug for rotor lead. TS-296 Net .34

AC-TV RECEPTACLE AND WALL PLATE

Duplex AC receptacle and duplex TV receptacle on one 2 gang wall plate. Puts both outlets in one location. Use with standard wall box. Ivory only. Shpg. wt., 6 ozs.

- TS-246 Net 1.39

MULTI-TV SOCKET

Compact 300 ohm, low-loss socket for all applications. Constant impedance termination. Mounts on any surface. High impact polystyrene. Solderless. Ivory only. Shpg. wt., 2 oz.

- TS-298 Net ea. .46
- Lots of 3 ea. .41

TV MAGI-PLUG

Ideal for hotels, motels, homes and all multi-set installations. This new plug contains an isolator circuit that can supply TV signal to 25 or 50 TV receivers from one antenna, depending on signal strength. Shpg. wt., 2 oz.

- TS-297 Net ea. 1.26
- Lots of 3 ea. 1.13

MOSLEY ANTENNA CONNECTOR

For quick, solderless connection of lead-in to TV antenna terminal. Fits TS-330 socket. Low-loss polystyrene and non-ferrous metal. Standard 1/2" spacing. Shpg. wt., 2 oz.

- TS-35 18

UNIVERSAL TWIN-LEAD CONNECTORS

The plug with one thousand uses. Fits all transmission line sockets as well as 1/2" crystal holder and octal tube sockets. Solderless. Shpg. wt., 2 oz.

- TS-329 Net ea. .16
- Net, ea. in lots of 5, .14
- Solderless socket for above. TS-330 Shpg. wt., 2 oz. Net ea. .16
- Net, ea. in lots of 5, .14

TWIN LEAD SPLICE

Speeds splicing without need for twisting or soldering.

- TS-104 Wt., 2 oz.11 ea. 10 for .99

BAKELITE KNIFE SWITCH

Quantity limited. Excellent for TV antenna switching. Heavy metal parts mounted on bakelite base. Double pole, double throw. Shpg. wt., 4 oz.

- SW-2419

WINDOW FEED-THRU

At last a feed-thru that passes your TV signal without drilling, breaking or digging and without signal loss. Just use adhesive supplied to attach units one to each side of window pane and attach your wires. Quick, easy and effective. Shpg. wt., 6 oz.

- TS-155 per set58

UNIVERSAL BUSHING

Fits all types of coaxial or twin-lead wires. Fits walls up to 1 1/4" thick. Requires 3/4" hole.

- TS-22 Shpg. wt., 1 lb. Net ea. .87

ALL PURPOSE ANCHOR KITS

Permanent—rustproof installations. Anchors of noncorroding Territe Buterale and pulverized aluminum. Ideal for use indoors or outdoors. Hang shelves—blinds—awnings—mirrors—fixtures—fasten key board to walls—signs—pipe straps—Use in concrete—tile—plaster board—brick. Complete kit includes 36 expansion shield anchors and 36 assorted screws, #6 to #10. Shpg. wt., 6 oz.

- TS-341 Net .74
- Heavy Duty Kit: Contain 22 expansion shield anchors and 22 assorted screws, #10 to #14. Shpg. wt., 8 oz. Net 74
- TS-342 Net 74

TRIO NO STRIP CONNECTOR

SAFEST—MOST POSITIVE—LEAD IN CONNECTOR. No stripping—no exposed wire—no soldering—no broken leads at the set. Your TV set unplugs with ease—in electrical storms—for moving and cleaning—to add accessories. Safe, positive installation. Stronger than the lead in wire. Fast—easy—just insert the lead in—tighten a single knob.

- TS-339 Shpg. wt., 2 oz. Net .59

BAKELITE WALL BOX

Necessary for terminating TV lines in old or new work. Knockouts top and bottom. Studly construction with plastic ears. Black standard size: U.I. approved. Shpg. wt., 6 ozs.

- TS-365 Net .75

"OPEN-HOLE" WALL BRACKET

Permits attaching any wall plate to wall openings without the use of a wall box in up to 3/4" wall board or plaster. Shpg. wt., 4 ozs.

- TS-366 Net .39

HOW TO INSTALL TV ANTENNAS

This book describes in simple layman's language, how to install an antenna and the various factors involved. It also tells how to repair TV antennas. No technical knowledge required. 32 pages.

- 8X-1519 Net .50

BIG VALUES IN TV ACCESSORIES

FUSIBLE RESISTORS



Replacements for Motorola, Crosley, Emerson, Raytheon, Philco, Hoffman, Mallicraters, Trutone, Sears, Montgomery Ward, Sentinel, Arvin and many others. Shpg. wt., 5 oz.

- TS-253—Kit of 4. 5.6 Ohms
- TS-254—Kit of 4. 7.5 Ohms
- TS-255—Kit of 4. 9.0 Ohms
- TS-256—Kit of 4. 22 Ohms
- TS-322—Kit of 4. 4.7 Ohms
- TS-323—Kit 1 each of 5 values



2 MEG. 2 WATT 1% H.F. RESISTOR
Popular replacement in H.F. circuit of almost all TV sets. Shpg. wt., 2 oz.
TS-145 Net .35

NEW REPLACEMENT CHEMICAL FUSES



Used in primary and high voltage circuits, these fuses protect against injurious overloads but pass instantaneous surges of up to 5 times the normal current. Can be used in damper circuits to prevent failures due to tube "flash overs." Shpg. wt., 3 oz.

Replacement for RCA Part 945392-1 Stock No. 109079; Emerson 808232; Olympic FU28146 (Color Code—BLACK) TS-348 Net .44

Replacement for RCA Part 945932-2 Stock No. 109588 (Color Code—BLUE) TS-349 Net .44

Replacement for RCA Part 945932-3 Stock No. 109860 (Color Code—RED) TS-350 Net .35

EXACT REPLACEMENT SHAFTS

FIT EVERY TV SET MADE
Extends and insulates all standard control shafts. Fits half round—flattened—splined—split and full round shafts. 21 internal ribs hold any shaft securely. 19" length is easily cut to any size required. Puts the shaft where you can get at it. Shpg. wt., 2 oz.
TS-340 Net .36
Lots of 3, ea. .32

CENTERING DEVICE

Replace the yoke cap in the TV Set
The Centering Device is a mechanical means of centering the picture on any TV set. Compact in size, centering is simplified by convenient tabs—easy to hold and rotate. Made to replace the yoke cap, the centering device becomes an integral part of the receiver. Shpg. wt., 4 oz.
TS-361 For 90° Sets Net .50
TS-362 For 110° Sets Net .88

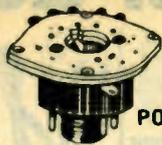
COLOR GUN KILLER

Operates Red, Green or Blue Guns Individually or in Combinations to Make Purity Adjustments

Enables each gun of the three-gun kinescope to be operated singly or in combination. Avoids cutting or disconnecting leads to make color purity adjustments
Shpg. wt., 8 oz.
TS-301 Net 3.18

COLOR KINE ADAPTER

TEST COLOR PICTURE TUBES ON BLACK AND WHITE TUBE TESTERS
Enables each gun of a three-gun color picture tube to be individually tested on tube testers designed for black and white picture tubes. Shpg. wt., 8 oz.
TS-302 Net 2.63



PICTURE TUBE TEST POINT ADAPTER

Ideal for taking measurements of voltage resistance and video from the base of the picture tube. Just insert between CR tube base and socket. All connections readily accessible. Saves time and increases servicing efficiency. Shpg. wt., MS-43 Net .94



EBV TEST POINT ADAPTERS

Designed to fit any type of miniature 7, 9 and the standard octal socket. The contact tabs are long enough for connections with test probe or alligator clip. Ideal for in-circuit measurements from top of equipment.
Shpg. wt., 8 oz.
MS-23—For 7 pin miniature Net ea. 1.32
MS-24—For 8 pin octal type socket Net ea. 1.29
MS-25—For 9 pin noval type socket Net ea. 1.47

TEST POINT ADAPTER FOR 110° AND COLOR PICTURE TUBES

For Sylvania type 110° tubes. Ideal for incircuit voltage and current tests.
MS-464 Net 1.91
For RCA type 110° tube. Ideal for incircuit voltage and current tests.
MS-463 Net 2.32
For color cathode ray tubes. Test tubes in the circuit under actual operating conditions.
TS-360 Net 5.88
Shpg. wt., 8 oz.

TV PICTURE TUBE SOCKETS

MOLDED: New all molded duo-decal socket for std. CRT's. Complete with back plate, contacts, hardware. Less leads TS-270—Shpg. wt., 6 oz. Net .18
LAMINATED: Duo-decal TV socket with plastic cover. Pins 1, 2, 10, 11 and 12 wired, 18" leads.
TS-271—Shpg. wt., 8 oz. Net .41
Same as above wired for electrostatic and magnetic tubes.
TS-272—Shpg. wt., 8 oz. Net .47
110° SYLVANIA CRT SOCKET. Wired for easy replacement, with 18 inch leads.
TS-306—Shpg. wt., 6 oz. Net .59
110° RCA CRT SOCKET. Wired for easy replacement, with 18 inch leads.
TS-305—Shpg. wt., 6 oz. Net .59

NEW! 110° CRT EXTENSION LEADS

110° CRT extension leads for general service work. 3 ft. lead with 110° socket and 110° base. Shpg. wt., 1 lb.
TS-285—SYLVANIA TYPE Extension Lead Net 1.32
TS-286—RCA TYPE Extension Lead Net 1.32

110° CRT SOCKET ADAPTER
Permits the testing of the 110° CRT on all existing tube checkers, overall length 3 ft. Shpg. wt., 1 lb.
TS-307—Sylvania Type Net 1.47
TS-308—RCA Type Net 1.47



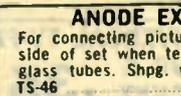
UNIVERSAL TV & CRT EXTENSION CORD

Permits testing of picture tube outside of chassis. Fits any duodecal based tube. 5 color coded leads. 36" long Male and Female bakelite sections with full socket and 6 leads for electrostatic as well as magnetic tubes.
TS-138—Shpg. wt., 1 lb. Net 1.26



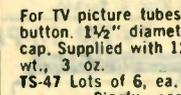
UNIVERSAL YOKE EXTENSION HARNESS

Used in conjunction with the tube harness and the anode harness to facilitate servicing. Provides extension from yoke and coil Assembly to chassis. For any make or model using octal plug and sockets as extension. Shpg. wt., 8 oz.
TS-137 Net 1.32



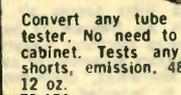
ANODE EXTENSION

For connecting picture tube while outside of set when testing. 30" long for glass tubes. Shpg. wt., 3 oz.
TS-46 Net .79



TV SECOND ANODE CONNECTOR

For TV picture tubes. Silver plated snap button. 1 1/2" diameter rubber protected cap. Supplied with 12" wire leads. Shpg. wt., 3 oz.
TS-47 Lots of 6, ea. .26
Singly, each .29



TUBE TESTER CRT ADAPTER

Convert any tube tester into a CRT tester. No need to remove tube from cabinet. Tests any picture tube for shorts, emission. 48" lead. Shpg. wt., 12 oz.
TS-158 Net 3.38



UNIVERSAL TV TESTING KIT

Makes possible testing sets with picture tube electrically connected in circuit, but removed from chassis. Reduces danger of contact with high voltage terminals and tube breakage. Consists of anode extension harness, yoke extension harness, tube socket extension harness and sturdy plastic carrying case. CRT extension is for both electrostatic and electromagnetic tubes.
TS-141 Shpg. wt., 2 lbs. Net 3.18



TUNER CLEANER

- Injector Type
- Cleans & Lubricates
- Eliminates Noise
- Long Lasting Protection

New, wax-free lubricant Contains no carbon tet Non-toxic, non-inflammatory. Hypo-style injector needle prevents drift and drip. Retards Corrosion—keeps tuners cleaner longer. Easily reaches hard-to-get at spots. Does not affect electrical properties—harmless to insulation and soldered joints. Easy-to-use—long lasting. Shpg. wt., 12 oz. With Injector Net .90
TS-324

TUNER LUBRICANT
A new, detergent-action lubricant with silicone oil added. Re-cleans and re-lubricates with each rotation of tuner or control. Easy to use, just apply, and rotate shaft. With free injector. Shpg. wt., 12 oz.
TS-325 Net 1.19



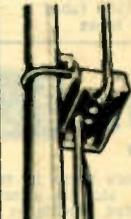
JFD ANTENNA COUPLERS

Join any combination of VHF, or VHF-UHF antennas to use one transmission line. Stable circuits separate all channels automatically and assure almost 100% signal transfer. Highest isolation between separate inputs eliminates interaction. Weatherproof. Complete with mast clamp. Shpg. wt., 1 lb.

Stock No.	To Couple Antennas	Net
TS-159	VHF(2-6) and VHF(7-13)	2.32
TS-160	VHF(2-13), UHF(14-83)	2.50

JFD OUTDOOR SET COUPLERS

- NO MESSY INDOOR WIRING
- NO LONG "LOSSY" LEADS



New outdoor set couplers—encapsulated in col-plast for maximum weather proofing. Minimum insertion loss due to network of bifilar coils. Optimum isolation and impedance match between sets. All elements sealed in air tight case mounted in a burlate housing. Shpg. wt., 1/2 lb.

Stock No.	Net
TS-232 AC-40 2 set 300 ohm	2.40
TS-233 AC-60 3 set 300 ohm	2.70
TS-234 AC-70 4 set 300 ohm	3.09

3-SET TELEVISION COUPLER



Divides television signal from one antenna equally to feed three separate receivers. Eliminates the need for a separate antenna for the second or third television set. Simple installation is effected using only a screwdriver. Long trouble free performance is assured by using special coil forms and wide spacing of all wiring connections. Isolation between set terminals is in excess of 30 db. Shpg. wt., 8 oz.
TS-345 Net 1.92
2-Set Coupler. Features the same quality engineering, however, designed for use with one antenna and 2 sets. Shpg. wt., 8 oz.
TS-344 Net 1.71

RCA 240A1 TV SET COUPLER

Operates two or more sets from a single antenna. Easy to install—self-contained wood screw. There's no need to cut or splice the lead because connections are automatically made when the screw caps are tightened. Shpg. wt., 8 oz.
TS-334 Net 1.15

JFD MATCHING TRANSFORMER



Matches any 72 ohm TV set to any 300 ohm antenna. Permits use of noise free 72 ohm coax line with 300 ohm antenna. Quick, sure U-bolt mast mounting. Transfers highest possible signal strength. Shpg. wt., 1/2 lb.
TS-236 Net Ea. 2.37

TV ACCESSORY SPECIALS



UNIVERSAL TV TUBE
1.29 "BRITENER"
 In lots of 6

Restores brightness to dim TV picture tubes. Operates on all types—magnetic or electrostatic—and in all circuits—parallel or series. Shpg. wt., 10 oz. Ea.
 TS-170 In lots of 6 each 1.29
 Singly each 1.39

TWO SET COUPLER

.39 In lots of 3



Uses one antenna for two sets. Compact electronic set coupler assures performance of two TV sets on one installation. Easy to connect. Nothing to go wrong. Shpg. wt., 1 lb. Imported
 TS-326 Each 1.43
 In lots of 3, Each .39



TV PICTURE TUBE SHORT ELIMINATOR

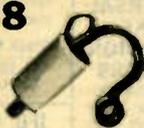
.99

- Burns off Picture Tube shorts
- Lengthens Picture Tube Life

Eliminates expensive picture tube repairs. No elaborate equipment needed. Repairs grid and cathode shorts in two minutes—without pulling the chassis! Easy to use—decontaminates cathodes—restores operation of brightness control. Can be used as often as needed. Simple "plug in, switch-on" operation. Works with any TV picture tube. Shpg. wt., 1/2 lb.
 TS-282 In lots of 6, each .75 Net .99

UNIVERSAL 110° CRT REJUVENATOR

1.98

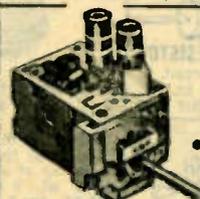


A single heavy-duty unit which performs four ways. A simple adjustment adapts it for either series or parallel wired filaments and it can be used on electromagnetic or electrostatic focus tubes. Shpg. wt., 1 lb.
 TS-283 For Sylvania Type 110° Tubes Net 1.98
 TS-284 For RCA Type 110° Tubes Net 1.98

TRI-SET COUPLER

2.29

Highly efficient 3 set coupler. For coupling 2 or 3 TV or FM sets to one antenna of any type. No interaction—less than 6 db insertion loss. 40 to 50 db rejection ratio. Shpg. wt., 1 lb.
 TS-332 Net 2.29



STANDARD COIL "GUIDED GRID" TUNERS

• Replacements for over 1500 different tuners.

Latest, neutralized—triode, circuit provides more gain—better signal to noise ratio—overall improved performance. Factory preset IF, adjustable to fit particular set. Replaces virtually all older tuners. Universal shaft—easily cut to needed size. Uses 6ER5 or 2ER5 amplifier tube and 6CG8A or 5CG8 oscillator mixer. Improved shielding and filter circuits. Complete with tubes and instructions. Shpg. wt., 3 lbs.
Stock

No.	Heater	I.F.	Detent	Net
TL-119	Parallel, 6.3V.	21mc	13 pos.	21.07
TL-120	Parallel, 6.3V.	41mc	13 pos.	21.07
TL-121	Series, 600ma.	21mc	13 Pos.	21.07
TL-122	Series, 600ma.	41mc	13 Pos.	21.07
TL-140	Parallel, 6.3V.	21mc	12 Pos.	21.07
TL-141	Parallel, 6.3V.	41mc	12 Pos.	21.07
TL-142	Series, 600ma.	21mc	12 Pos.	21.07
TL-143	Series, 600ma.	41mc	12 Pos.	21.07

SOUND TAKE-OFF COIL—for older sets which require coil connected to tuner converter plate. Standard Coil No. XM752. Shpg. wt., 2 oz.
 TS-309 Net 1.28

JFD INTERFERENCE ELIMINATOR

2.65



Gets rid of all interference below 50 megs ham diathermy industrial, etc. No effect on signal strength. No ground needed. Mounts on back of set. For 300 ohm lines. Shpg. wt., 1/2 lb.
 TS-235 MP-50 Net Ea. 2.65

UNIVERSAL TV-FM PLUG & SOCKET

.35

Compact-low loss—300 ohm plug and socket. Surface mounting socket—low loss polystyrene plug. Solderless screw terminals. Includes hardware and instructions. Shpg. wt., 2 oz. Imported
 TS-328 Plug & Socket Net .35

TV-FM HI-PASS FILTER



• Eliminates Interference antenna circuits

2.39

Hi-pass filter passes all frequencies above 40 mc. Rejects all frequencies below 40 mc. Automatically eliminates electrical disturbances in the antenna circuit. Clears disturbances caused by neon, X-Ray, ignition, appliances, diathermy, short wave, etc. Shpg. wt., 1 lb. Imported
 TS-331 Net 2.39

WUERTH TUBE SAVER



LENGTHENS TUBE LIFE—INCLUDING PICTURE TUBE!
PROTECTS T.V.—HI-FI—P.A.
Any Electronic Equipment Up to 450 Watts!

Protects components and tubes from destructive initial surge currents by "Thermal Cushion Action." Completely automatic. No complicated installation needed, just plug the "Tube Saver" into the wall, and appliances into it. Protects T.V.—Hi Fi Home equipment, etc. RATED: 300 watts, 110-120V AC/DC. Measures only 2 1/2 x 1 3/4". Shpg. wt., 8 oz.
 TS-315 (Type 150) Net 2.91
 Same as above except for electronic equipment drawing up to 450 watts. Suitable for color television. Shpg. wt., 8 oz.
 TS-316 Net 3.50

WUERTH SURGISTOR COMBINES FUNCTIONS OF RESISTOR AND RELAY

A Surgistor is connected directly into the power line circuit of any electrical device. It's function is to limit the inrush current until the tube heaters are warmed sufficiently to accept the full voltage without damage. Starting resistance 100 ohms, circuit resistance 0.2 ohms. Power range 320 watts maximum. Self mounting. Shpg. wt., 6 oz.
 TS-317 (4100-2) Net ea. .95
 In lots of 10, Net ea. .85

FOR COLOR TV

Same as above, but for Color TV, handles up to 400 watts. 117 volts AC-DC.
 TS-318 (8050-4) Net 1.09

LO-PASS LINE FILTER



• Dual Ferrite Core Coils

2.49

Exceptionally efficient line noise eliminator. Utilizing dual ferrite core coils, heavily wound. Eliminates line noises caused by motors, industrial RF, neons, appliances, etc. Particularly useful on TV and FM sets, radios, tuners, record players. Automatic attenuation of unwanted disturbances. Shpg. wt., 1 1/4 lbs. Imported
 TS-327 Line Filter Net 2.49

NEW! TRANSCREPTOR TV/FM SET COUPLER



1.79

- Adds More TV and/or FM to Your Present Antenna
- Automatically Matches Impedance
- Snaps-on in Seconds Without Tools

Now you can run any combination of TV and FM sets—two or more, one at a time or all at once—from one antenna without amplification in normal signal areas. Easy-to-install, slides on wire without use of tools. No wires need be cut—uses electromagnetic pick-up principle which cuts signal losses and results in better set-to-set isolation. Shpg. wt., 4 oz.
 TS-363 Net 1.79



TV TUBE RESTORER

- The Most Versatile "Booster" Made
- 120 Different Combinations
- Corrects Open Cathode—Meater to Cathode Short—Open Control Grid—Control Grid to Cathode Short—Low Emission

One simple unit provides the cure for most ailing picture tubes. Latest model features slide switches—no pin plugs as older units do. Rugged, well made socket—compact, single unit design. Works on electrostatic or electromagnetic focusing tubes, in series or parallel circuits. Includes instructions.
 TS-333 Shpg. wt., 1 lb., 4 ozs. Net 3.23
 TS-358 For RCA Type 110° Tubes Net 4.88
 TS-359 For Sylvania Type 110° Tubes Net 4.88

TV TUBE GUARD

• ADDS LIFE TO RADIO AND TV TUBES

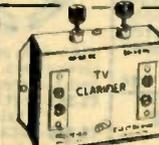
The "Tube Guard" will pay for itself many times over by greatly reducing costly vacuum tube replacements. The Tube Guard checks surge of current, reduces filament damages and increases tube life. Just plug "Tube Guard" into outlet, and appliance into it. Shpg. wt., 8 oz.
 TS-319 Net .83

TV TUBE 'BRITENER' .59

You simply attach two plugs as directed on the instructions. For magnetic tubes and PARALLEL CIRCUITS only. Renews brightness contrast. Wt., 8 oz. Ea.
 TS-12 Net .59

LIGHT AND TELEVISION CLOCK

Placed on top of TV cabinet the #700 Lite Clock provides proper amount of background light for tele-viewing. Accurate, rotating numerical type clock. Walnut finish plastic case. For 110V 60 cycle AC only. Size, 5x5 1/2 x 3 3/4". Shpg. wt., 2 1/2 lbs.
 ML-11 incl. excise tax 8.14



PRECISION CLARIFIER

4.41

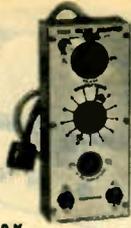
Easily adjusted to remove any antenna-fed interference causing picture distortion: FM, diathermy, SW ignition, amateur, adjacent channel, etc. Does not attenuate signal. Actually tunes out unwanted signal. Matches any antenna. Metal case, finished in brown enamel. Easily installed. With instructions. Size, 4x3 1/4 x 1 1/2". Shpg. wt., 7 oz.
 TS-123 Net 4.41



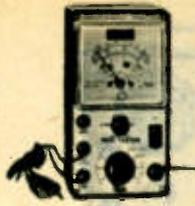
KITS AND WIRED TEST EQUIPMENT



667K



810K



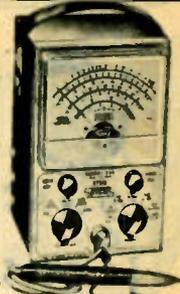
540K



566K



536K



232K



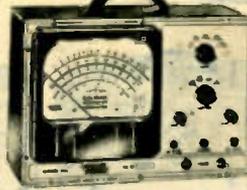
628K



632K



249K



214K



250K



255K

MODEL 667K DYNAMIC CONDUCTANCE TUBE AND TRANSISTOR TESTER KIT

The new 667K kit combines a mutual conductance test with a peak emission test to give a single reading of tube quality. Also checks transistors for leakage and beta. Read directly off the meter. Also checks 5 and 7-pin novistor; 9-pin novars; 12-pin compactrons; 7, 9 and new 10-pin miniatures; 5, 6, 7, and 8-pin sub-miniatures, octals and loctals... almost every domestic or foreign tube made. It will also check many low-power transmitting and special purpose tubes, voltage regulators, cold-cathode regulators, electron-ray indicators ballast tubes and CRTS with optional adapter. Good-Bad test of pilot lamps. Extensive roll chart revised periodically. Multi-circuit level switch check individual tube sections and 13 push-button switches test leakage rapidly. Sensitive 4 1/2" 200-ma D' Arsonval meter able to read low cathode current. For 105-130V AC, 60 cycles. Fused. Steel case. 12x15x4 1/2". Shpg. wt., 20 lbs.

TE-757WX Model 667 Kit Net 79.95
TE-758WX Model 667 Wired Net 129.95

NEW! MODEL 628K TUBE TESTER KIT

Cathode conductance type of tube tester features 13 individual lever switches for complete flexibility. Tests 7, 9 and 10 pin miniatures, octal, loctal, 5 and 7 pin novistors, novars and compactrons. Pilot light test socket, and VR'S and "eye" tubes. Tests for short and open elements. Also tests all color and black and white CRT's with optional adaptor. Protective overload lamp shows transformer overloads and acts as fuse. 3-column roll chart frequently revised for up-to-date data. 4 1/2" meter. With all parts and instructions. For 105-125V 60 cycles AC. Size: 12 1/2 x 9 3/4 x 4 1/2" D. Shpg. wt., 11 lbs.

TE-759 Model 628 Kit Net 44.95
TE-760 Model 628 Wired Net 59.95

NEW! MODEL 632K CRT TESTER AND REJUVENATOR KIT

A CRT tester and rejuvenator in a portable carrying case containing line cord and a universal multi-socket cable that accommodates any black and white or color CRT. Use a transformer-operated 1000 volt d.c. supply, a 150 volt negative d.c. supply plus a 25-watt rheostat and 3-range filament voltage selector (0-5, 5-10, 10-15 volt). Grid cut-off voltage and filament voltage read on 4 1/2" meter, also beam current on a 3-color BAD-?-GOOD scale. Neon-lamp circuit used for short-open testing. 6 push-buttons enable instantaneous measurement without danger of CRT damage. Spring-return repair push-button is used to apply 1000V d.c. for rejuvenate process. For 105-130 Volts AC, 60 cps. Fused. Size: 12w x 9 3/4 H x 5" D. Shpg. wt., 8 lbs.

TE-762 Model 632 Kit Net 54.95
TE-763 Model 632 Wired Net 79.95

NEW! MODEL CRU UNIVERSAL CRT TEST ADAPTER

For EICO models 667 and 628 tube and transistor testers. Permits testing of all color and black and white CRT'S. Wt. 1 lb. (Not Illustrated).

TE-761 Wired only Net 9.95

MODEL 232K PEAK-TO-PEAK VACUUM TUBE VOLTMETER KIT

A precision unit with advanced engineering features. 11 megs input impedance. 1% precision ceramic multiplier resistors used. Measures directly peak-to-peak voltage 0-4, 14, 42, 140, 420, 1400, 4200. DC/RMS sine volts: 0-1.5, 5, 15, 50, 150, 500, 1500 (up to 30,000 volts with HVP probe, and 250 mc with PRF probe). Ohms: 0.2 ohms to 1000 megs in 7 ranges. Easy calibration. 4 1/2" meter, can't-burn-out circuit. Zero center. With new AC/DC Uni-Probe—half turn to select DC or AC/ohms. Exceptional stability and accuracy. All components and instructions supplied. For operation of 105-125 50/60 cps AC. Size: 8 1/2 x 5 x 5". Shpg. wt., 7 lbs.

TE-176 Kit Net 29.95
Model 232. As above, but factory wired and tested.
TE-177 Net 49.95

MODEL 249K DELUXE P-P VTVM KIT

Same as Model 232 except it uses 7 1/2" meter. 8 1/2 x 13 x 5". Shpg. wt., 9 lbs.

TE-178 Kit Net 39.95
Model 249. As above, but factory wired and tested.
TE-179 Net 59.95

MODEL 250K AC VTVM & AMPLIFIER KIT

A highly sensitive, wide-band AC VTVM & Amplifier for laboratory accuracy and quality. It measures AC voltage from 100 microvolts to 300 volts in 12 ranges. A front panel function selection switch converts the instrument to a wide-band amplifier with a gain of 60 db on the 1 mv range, and a maximum output of 5 volts RMS. The 0-1, 0-3 voltage scales are linear, on decibel scale, 0 db = 1 mw in 600 ohms, with 10 db interval between ranges. Amplifier Freq. response: +0, -3 db 8C to 800 KC. 10 meg input impedance on both VTVM and Amplifier. Includes all parts and instructions. 105-125v., 50/60c, 8 1/2 H x 5 3/4 W x 7" D. Shpg. wt., 7 lbs.

TE-256 Kit Net 49.95
Model 250. As above, but factory wired and tested.
TE-257 Net 79.95

MODEL 255 AC VTVM KIT

A precision AC VTVM: Same as model 250 without the amplifier. 105-125 V. AC 50/60C. Shpg. wt., 7 lbs.

TE-258 Kit Net 44.95
TE-258 Wired Net 72.95

OTHER EICO VTVM'S

TE-180 221K VTVM Kit with 4 1/2" Meter Net 25.95
TE-181 221 As above, but factory wired Net 36.95
TE-182 214K Same as 221 with 7 1/2" Meter Net 34.95
TE-183 214 As above, but factory wired Net 54.95
TE-260WX—261K AC Volt-Watt Meter Net 49.95
TE-261WX—261 as above, but factory wired Net 79.95

MODEL 610 TUBE TESTER ADAPTER KIT

A tube tester adapter kit to be used with EICO Model 625 and Model 666 Tube Testers. Tests novistors, 5 pin and 7 pin; novars; 10 pin miniature and 12 pin compactrons. Simply plugs into 9-pin socket of tube tester. Roll chart supplements for both the 625 and 666 tube testers are included covering the new tubes listed above. Size: 1 1/4 H x 2 1/2 W x 6" D.

TE-739 610 Kit. Shpg. wt., 1.5 lbs. Net 5.95
TE-740 610 Wired Net 11.95

MODEL 540K UTILITY TESTER KIT

An all-in-one Multi-Range ac/dc voltmeter, ammeter, ohmmeter, wattmeter and leakage checker. Indispensable in home repairs of electrical appliances, and in automotive trouble-shooting of batteries, generators, distributors, etc. 3 1/2" meter, ranges: Volts AC/DC 0-7.5-15-50-300. AC/DC current: 0-15 amps. Ohms 0-100 ohms. Capacitor leakage test. All components and instructions supplied. 3 1/4 x 6 1/2 x 3 1/2" Shpg. wt., 3 lbs.

TE-173 Kit Net 12.95
Model 540. As above, but factory wired and tested. Net 15.95
TE-174 Net 19.95

MODEL 566K MULTIMETER KIT

Large 4 1/2" meter features: AC/DC sensitivity of 1K ohm/v. totals 38 ranges; AC/DC/ohms: 0-1.5-10-100-500-5000 AC/DC. Current: 0-1-10 m.a. 0-0.1-1 amps. Ohms: 0-5K-100K-1 meg. DB —20 +49 in 6 ranges. All components and instructions supplied. 6 1/4 x 5 1/4 x 3". Shpg. wt., 4 lbs.

TE-165 Kit Net 16.95
Model 566. As above, but factory wired and tested. Net 19.95
TE-166 Model 566K. Same as 566K but with 1% resistors Net 22.95
TE-167 Model 556. As above, but factory wired and tested Net 18.95
TE-168 Net 25.95

MODEL 536K MULTIMETER KIT

Outstanding value. 3" meter features AC/DC sensitivity of 1K ohm/v. 31 ranges—AC/DC volts: 0-1.5-10-50-100-500-5000. AC/DC current: 0-1-10 ma., 0-0.1-1 amp. Ohms: 0-5K100K-1 meg. DB —20 +49 in 6 ranges. All components and instructions supplied. 6 1/2 x 3 3/4 x 2 3/4" Shpg. wt., 2 lbs.

TE-169 Kit Net 14.95
Model 536. As above, but factory wired and tested Net 18.95
TE-170 Model 526K. Same as 536, but with 1% resistors. Net 15.95
TE-171 Model 526. As above, but factory wired and tested Net 19.95
TE-172 Net 19.95

OTHER EICO MULTIMETER KITS

TE-161 565K Multimeter Kit with 4 1/2" Meter Net 24.95
TE-162 565 As above, but factory wired Net 29.95
TE-163 555K Same as 565K, but with 1% Resistors Net 29.95
TE-164 555 As above, but factory wired Net 34.95

VTVM PROBE-KITS

FOR 11 MEGOHM VTVM

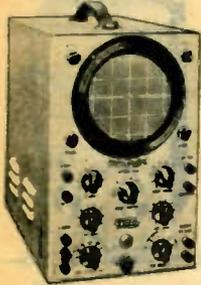
TE-184 PTP11K. p-p probe kit Net 4.95
TE-185 PTP11. As above, but factory wired Net 6.95
TE-186 PRF11K. RF probe kit Net 3.95
TE-187 PRF11. As above, but factory wired Net 4.95

FOR 25 MEGOHM VTVM

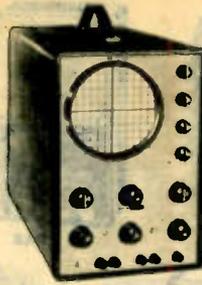
TE-188 PTP25K. p-p probe kit Net 4.95
TE-189 PTP25. As above, but factory wired Net 6.95
TE-190 PRF25K. RF probe kit Net 3.95
TE-191 PRF25. As above, but factory wired Net 4.95
HVP2 740 megohm. High Voltage Probe DC for 221K and 214K VTVM'S wired and tested. Net 4.95
TE-192 HVP2 1090 megohm High Voltage Probe wired and tested for 232K and 249K VTVM Net 4.95
TE-268 Average Shpg. wt. for the above units—1 lb.



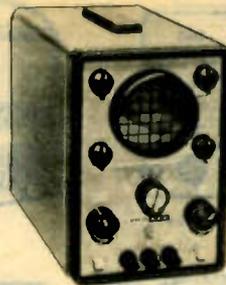
KITS AND WIRED TEST EQUIPMENT



460K



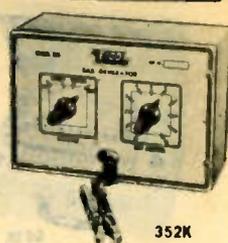
427K



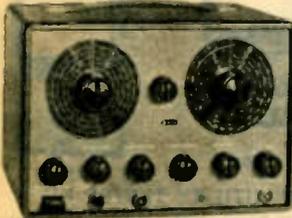
430K



315K



352K



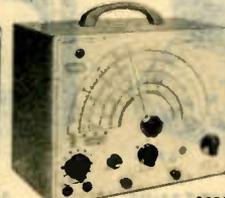
369K



377K



488K



360K



324K

MODEL 460K WIDE BAND SCOPE KIT

• 5" Screen

Excellent Lab precision scope featuring Push-pull direct coupled vertical amplifier with high sensitivity: 25 mv/in. Response flat from DC to 4.5 MC. useful to 10 MC, ideal for reproduction of 3.58 MC color TV sync. burst. 4-step freq.-compensated attenuator in both AC, DC positions. Also internal voltage calibration. Automatic sync. limiter and amplifier. 2X-full screen horizontal positioning. Sweep-freq: 10 to 100K cps with external capacitor for lo-freq. sweeps. Preset TV V & H sweep positions (30 and 7875 cps). Variably lit graphed 5" screen. Very hi-input impedance. Complete with all components and instructions for easy assembly. 13x8 1/2 x 16". For 105-125 VAC, 50-60 cycles. Shpg. wt., 30 lbs.
TE-222WX Kit Net 89.95
Model 460. As above, but factory wired and tested.
TE-223WX Net 129.50

MODEL 427K GENERAL PURPOSE 5" OSCILLOSCOPE KIT

A general purpose oscilloscope employing advanced circuitry. Features direct-coupled, push-pull vertical amplifier. Response flat from DC to 500 KC, -6 db @ 1 MC. 4-step plus CAL vertical attenuator. Sensitivity 10 mv p-p or 3.5 mv rms per cm. Horizontal amplifier response flat from 2 cps to 450 KC. Sensitivity 0.5v p-p or 0.18v rms per cm. Intensity, Focus and Astigmatism controls on the front panel. Voltage calibrator for peak-to-peak measurements. Sweeps 10 cps to 100 KC; minimum ratio of forward sweep time to retrace time 15:1. Gun of CRT is mumetal shielded. With tubes. For 105-125V, 60 cps AC. Size: 8 1/2 x 12 1/2 x 16 1/4". Shpg. wt., 30 lbs.
TE-305WX Kit Net 69.95
Model 427. As above, but factory wired and tested.
TE-306WX Net 109.95

MODEL 430K GENERAL PURPOSE 3" OSCILLOSCOPE KIT

Compact and lightweight 3" oscilloscope with mumetal CRT neck shield. Features direct connection to vertical deflection plates—no shorting links or wires to remove or replace. Vertical amplifier response is flat from 2 cps to 500 MC. 2-position (Lo-Hi) vertical attenuator. Sensitivity 25 mv/cm. Cathode follower input. Horizontal amplifier response flat from 2 cps to 300 KC. Sensitivity .25v rms/cm. Cathode follower input with fine attenuator in output. Sweeps 10 cps to 100 KC in four overlapping ranges; synchronization is fully automatic on all ranges. With tubes. For 105-125V, 60 cps AC. Size: 5 3/4 x 8 1/2 x 11 1/4". Shpg. wt., 11 lbs.
TE-755WX Kit Net 65.95
Model 430. As above, but factory wired and tested.
TE-756WX Net 98.95

MODEL 324K RF SIGNAL GENERATOR KIT

For IF-RF alignment, signal tracing and trouble-shooting of TV, FM, AM sets all on fundamentals; marker generator for alignment of new h-f and older i-f TV IF's. Range: 150 kc-145 MC on fundamental: 111-435 MC on calibrated harmonics — ± 1.5% frequency accuracy. Internal 400 cps sine-wave modulation variable from 0-50%. Colpitts oscillator. Variable gain external modulation amplifier; Turret-mounted, slug-tuned coils. RF output 100,000 microvolts. AF output up to 10 volts. Output impedance is 50 ohms. For 105-125V. AC 50/60 cps. Size: 8x10x4 3/4". Shpg. wt., 10 lbs.
TE-242 Kit Net 28.95
Model 324. As above, but factory wired and tested.
TE-243 Net 39.95

NEW MODEL 369K NEW TV-FM SWEEP MARKER GENERATOR KIT

Features post injection marker and inductor sweep circuit. Sweep gen. is independent of marker gen. and feeds sweep signal only to IF strip being aligned. 5 ranges, from 3.5 MC to 216 MC. Output Impedance: 50 ohms. Variable Frequency Marker: 4 ranges, 2-225 MC—2-75 MC in Fundamentals, to 225 MC in Harmonics. Fixed Frequency Marker: 4.5 MC crystal included with kit. Other crystals can be used. With tubes. For 105-125V, 60 cps AC. Size: 12 1/2 x 8 1/2 x 7 1/4". Shpg. wt., 16 lbs.
TE-742WX Kit Net 89.95
Model 369. As above, but factory wired and tested.
TE-743WX Net 139.95

MODEL 488K ELECTRONIC SWITCH KIT

Simultaneous observation of 2 patterns on a single scope screen. Amplitudes of the 2 patterns are individually adjustable. Control for variable phase relation between the 2 patterns. Switching rate: continuously variable 10-2000 cps. Frequency response (sinusoidal); DC to 30,000 cps (-2 db); Useful to 300,000 cps. Maximum gain: 10 times (continuously variable gain control); Input Impedance: 100,000 ohms; Output Impedance 50,000 ohms. All components and instructions supplied. For 105-125V, 50-60 cps AC. Size: 6x8x6". Shpg. wt., 7 lbs.
TE-206 Kit Net 23.95
Model 488. As above, but factory wired and tested.
TE-207 Net 39.95

SCOPE ACCESSORY PROBES

Features: fully shielded rugged terminal board mounting of all parts. Shock-mounted floating construction, with swivel action and color-coded for easy identification. Shpg. wt., 5 oz.
TE-228 PSD-K.—Demodulator Probe Kit Net 3.95
TE-229 PSD.—As above, but factory wired Net 5.95
TE-230 PD-K.—Direct Probe Kit Net 2.95
TE-231 PD.—As above, but factory wired Net 3.95
TE-232 PLC-K.—Low Capacity Probe Kit Net 3.95
TE-233 PLC.—As above, but factory wired Net 5.95

MODEL 352K BAR GENERATOR KIT

Reliable, accurate, portable, easy-to-use; a wonderful time-saver! Operates on channels 3, 4, 5, when connected to the antenna terminals. It produces 16 vertical bars to check HOR linearity. 12 horizontal bars to check VERT linearity. Shows picture size and V & H sync. circuit stability. Output: 100,000 μv. Very useful for TV service work when all stations are off the air. Size: 7 1/2 x 5 x 4 1/2". Shpg. wt., 6 lbs.
TE-244 Kit Net 19.95
Model 352. As above, but factory wired and tested.
TE-245 Net 29.95

MODEL 360K TV-FM SWEEP SIGNAL GENERATOR KIT

Complete, accurate alignment of VHF-UHF TV and FM receivers. Frequency Range: 500 KC to 228 MC on fundamentals. Sweep width variable from 0-30 MC Crystal marker oscillator with variable amplitude. Provision for external marker. Phasing control included: 8 1/4" vernier dial calibrated in frequencies. TV channels marked on front panel. Tubes: 1-6X5GT, 1-12AU7, 2-6C4. For 110-120V., 60 cycles AC. Size: 10x8x6 3/4". Complete with tubes; steel case, etched panels, parts, schematic and pictorial diagrams. Less crystal. Shpg. wt., 12 lbs.
TE-246 Kit Net 39.95
Model 360. As above, but factory wired and tested.
TE-247 Net 59.95

MODEL 315K DELUXE SIGNAL GENERATOR KIT

Range 75 KC to 150 MC on 7 calibrated bands. Accuracy better than 1%, stabilized by VR power supply circuit. Provision for external modulation or internal 400-cycle sine-wave modulation. Output 100,000 μv. Attenuator provided. Bandspeed vernier tuning. Tubes: 6C4, 7F7, 6X5, VR-150. For 105-130V 60 cycles. Size: 12x13x7". All components and instructions supplied. Shpg. wt., 20 lbs.
TE-248WX Kit Net 49.95
Model 315. As above, but factory wired and tested.
TE-249WX Net 69.95

MODEL 377K AUDIO GENERATOR KIT

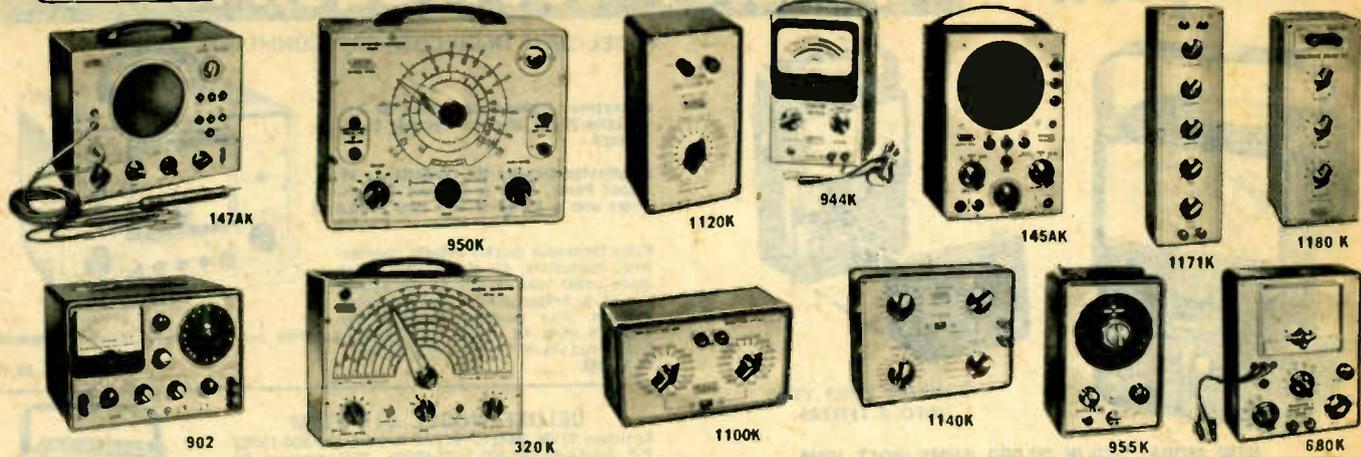
Wien Bridge-type oscillator providing both sine and square wave: 1% resistors and 4-gang condenser used. Frequency range: Sine wave, 20-20,000 cps; square wave, 60-50,000 cps. Response ± 1.5 db, 60-150,000 cps. Distortion less than 1%. Hum less than 0.4%. Accuracy ± 3%. K-follower output of 10V across 1000 ohms rated load (100mw). Size: 7 1/4 x 11 1/4 x 7 3/8". Shpg. wt., 14 lbs.
TE-250 Kit Net 37.95
Model 377. As above, but factory wired and tested.
TE-251 Net 54.95

5MC AND 4.5 MC CRYSTALS

Precision crystals, fit std. socket (including EICO #360). Shpg. wt., 5 oz.
TE-252 C-5, 5 MC Crystal Net 3.95
TE-253 C-4.5, 4.5 MC Crystal Net 3.95



KITS AND WIRED TEST EQUIPMENT



MODEL 147AK DELUXE SIGNAL TRACER KIT

A deluxe instrument with unsurpassed testing facilities, engineered for high sensitivity as well as good audio quality. Features high gain RF and low gain audio channels. Both visual and aural monitors. With shielded RF crystal demodulator, valuable noise locator circuit, built in calibrated wattmeter, substitute test speaker, amplifier and output transformer. Output for VTVM or scope. Triode input circuit for extreme low noise. Hum free operation. Complete with all components and instructions with probes. For 105-125 vac 50/60 cycles. 8 x 10 x 4 3/4". Shpg. wt., 11 lbs.

TE-216 Kit Net 29.95
Model 147A. As above, but factory wired and tested.
TE-217 Net 44.95

NEW! MODEL 902 DELUXE AUDIO ANALYZER

A complete audio tool combining IM and harmonic distortion meter, sensitive AC VTVM and db meter in one compact instrument. Constructed to rigid lab standards, it offers extreme stability and accuracy for critical measurements in audio design and development. 4 1/2" meter provides full-scale pointer deflection at 1% distortion a 10 mv AC rms voltage. Highly legible linear scale permits precise distortion readings to as low as .01% and to low as 1 mv AC. 6 full-scale IM ranges to 30% distortion, 7 for harmonic distortion to 100%, and 10 for AC voltage to 300 v rms, with $\pm 5\%$ accuracy on distortion and $\pm 4\%$ on AC voltage. Incorporates low and high frequency test signal sources for IM distortion measurements, and permits selection of either 4:1 or 1:1 LF to HF ratios. 105-130V AC, 50/60 cps. Size: 12 1/2 x 8 1/2 x 10 1/4". Shpg. wt. 21 lbs.

TE-741WX Wired Net 250.00

MODEL 320K SIGNAL GENERATOR KIT

Highly stable Hartley oscillator has range of 150 kc to 102 mc with fundamentals to 34 mc. 400-cycle AM modulation bands. Vernier tuning condenser complete with all components and instructions for easy assembly. Size: 10 x 8 x 4 3/4". For 110-120V. 60 cycles AC. Shpg. wt., 10 lbs.

TE-238 Kit Net 24.95
Model 320. As above, but factory wired and tested.
TE-239 Net 33.95
Model 322K. Similar kit to Model 320K except with individual calibration of each of the 5 bands.
TE-240 Net 27.95
Model 322. As above, but factory wired and tested.
TE-241 Net 38.95

MODEL 944K FLYBACK TRANSFORMER & YOKE TESTER KIT

Positive check of all type flybacks and yokes, in or out of set — in just seconds! Operates on the extremely sensitive grid-dip principle — shows up even 1 shorted turn! Exclusive separate calibration for air core and iron core flybacks for accurate testing of all types. Checks any inductance when impedance is not too low. Large 4 1/2" meter. 3 separate colored scales. Tests continuity of yokes, coils, speakers, switches, etc. New compact sizes for extra-easy portability — Kit comes complete with instructions. Tube complement 1—6K6. Size 7 x 5 x 4". For 105-125 volts AC 50/60 cps. Shpg. wt., 5 lbs.

TE-202 Kit Net 23.95
Model 944. As above, but factory wired and tested.
TE-203 Net 34.95

MODEL 1171K RESISTANCE DECADE KIT

Ideal for general design and development work. Exceptionally accurate wide-range versatile instrument. 0-99,999 ohms in 1-ohm steps with 5 decades. Comparator position permits instant substitution of actual equivalent component of the resistance value indicated on the box. All 1/2% accurate 1 watt resistors. Quality switches. Rugged, trouble-free constructions. Smart professional styling — satin finish deep-etched aluminum panel, grey wrinkled steel case. Size 12" L, 3 1/2" W, 3" D. Shpg. wt., 3 lbs.

TE-204 Kit Net 24.95
Model 1171. As above, but factory wired and tested.
TE-205 Net 29.95

MODEL 1180 CAPACITANCE DECADE KIT

Precision silver-mica capacitors ($\pm 1\%$ accuracy, rated 350 VDC continuous, 500 VDC intermittent, 1000 VDC test) arranged in 3 decades for extremely wide range of 100 MMF to 0.111 MF in steps of 100 MMF. With all switches at zero, approximately 7 uF. Insulation resistance of capacitors used, none under 50,000 megohms, most well over 250,000 megohms. Satin-finish deep-etched aluminum panel, gray wrinkled steel case. Size: 9Lx3 1/2Wx3 1/2"D. Shpg. wt., 3 lbs.

TE-220 Kit Net 17.95
Model 1180. As above, but factory wired and tested.
TE-221 Net 24.95

MODEL 1100K RETMA RESISTANCE SUBSTITUTION BOX KIT

A time-saving instrument with wide variety of applications. Ideal for general design or development, also service work. Enables rapid substitution of wide range of RETMA resistance values from 15 ohms to 10 megohms in decade multiples of 15, 22, 33, 47, 68, 100 ohms. Uses standard 1 watt, $\pm 10\%$ RETMA resistors. Handy 5-way jack-top binding posts. Satin aluminum front panel. Size: 3 3/4 x 6 1/2 x 3 1/2". Shpg. wt., 2 lbs.

TE-208 Kit Net 7.95
Model 1100. As above, but factory wired and tested.
TE-209 Net 12.95

MODEL 1120K RETMA CAPACITANCE SUBSTITUTION BOX KIT

Ideal equipment for development, designing, servicing work. Enables rapid substitution of wide range of RETMA capacitance values from 0.0001 to 0.22 MFD in an operating circuit to determine value needed for best performance and to find value of badly damaged or illegible capacitors. Minimum accuracy $\pm 10\%$. Uses silver-mica and molded plastic (or sealed in plastic) capacitors, rated approx. 600 volts. Size: 3 3/4 x 6 1/2 x 3 1/2". Shpg. wt., 2 lbs.

TE-218 Kit Net 6.95
Model 1120. As above, but factory wired and tested.
TE-219 Net 10.95

MODEL 1140K SERIES-PARALLEL RC COMBINATIONS BOX KIT

An extremely valuable combination of the model 1100K Resistance Box and the Model 1120K capacitance Box with additional switching facilities that permit selection of any resistance alone, any capacitance alone, or any combination of resistance and capacitance in either series or parallel. Also open circuit and short circuit positions. Same specs as ± 1100 and ± 1120 . With convenient jack-top binding posts. Shpg. wt., 4 lbs.

TE-212 Kit Net 14.95
Model 1140. As above, but factory wired and tested.
TE-213 Net 19.95

MODEL 950K R.C. BRIDGE & R-C-L COMPARATOR KIT

Latest bridge-type professional instrument featuring the valuable Comparator Range for measuring unknown capacitance, resistance and inductance with a complementary component as a standard. Transformer operated assures safe operation. Direct scale on panel reads 0.5 ohms — 500 megs resistance (4 ranges), 10 mmfd — 5000 mfd capacitance (4 ranges), and power factor. Kit includes precision calibrating resistor. Unique comparator range has ratio from 0.05 to 20 (400 to 1). Leakage testing of all capacitors at rated dc working voltage with internal (variable) 0-500 vdc source. Electron-ray tube as both bridge balance and capacitor indicator. Attractive, durable case, neat easy-to-read characters. Size: 8" x 10" x 4 3/4". Shpg. wt., 8 lbs.

TE-214 Kit Net 23.95
Model 950. As above, but factory wired and tested.
TE-215 Net 29.95

MODEL 680K TRANSISTOR and CIRCUIT TESTER KIT

Provides accurate measurements of diodes and ICBO and ICED. The VOM includes 5 DC current ranges. 2 DC volts ranges at 20,000 ohm/volt, and 3 resistance ranges. 3 1/2" D'Arsonval meter has 2% accuracy. Self-powered, uses 4-size AA and 1 "C" battery. Includes 3 permanently connected clip-on test leads on a panel socket for transistor connections; 2 banana jacks. Housed in a sturdy bakelite case. Size: 6 1/4 x 5 1/4 x 3 1/4". Shpg. wt., 3 lbs.

TE-735 680K Kit Net 25.95
TE-736 680K Factory wired and tested Net 39.95

MODEL 955K IN-CIRCUIT CAPACITOR TESTOR KIT

Checks for shorts (even in the presence of as little as 1 ohm shunt resistance). Checks for opens: capacitors as small as 15 mmf, in or out of circuit: Wien bridge circuit measures capacitance with $\pm 10\%$ accuracy between 0.1 mf and 50 mf, at any point on the 4" lucite dial-product, convertible into dissipation or power factor-indications visible on electron ray tube. Includes line adjust control. For 105-130 VAC. Size: 8 1/2 x 5 3/4 x 6 3/4". Shpg. wt., 4 lbs.

TE-737 955 Kit Net 19.95
TE-738 955 Wired Net 39.95

MODEL 584K BATTERY TESTER KIT

Accurately tests all A and B portable radio batteries in or out of receiver. Tests lantern batteries and may be adapted to other types. Provides true dynamic tests by checking battery terminal voltage, simulating conditions of actual operation. Test positions: volts — 1.5, 4.5, 6.0, 7.5, 9.0, 27.5, 45, 67.5, 75, 90, plus spare position. Test leads provided. 6 1/4 x 3 3/4 x 2". Shpg. wt., 2 lbs.

TE-200 Kit (NOT ILLUSTRATED) Net 9.95
Model 584. As above, but factory wired and tested.
TE-201 Net 12.95

OTHER EICO TEST EQUIPMENT

TE-236 495K Voltage Calibrator Kit (Not illus.) Net 19.95
TE-237 495 Same as above, but factory wired Net 24.95
TE-210 145AK Signal Tracer Kit Net 23.95
TE-211 145A Same as above, but factory wired Net 32.95

Simpson

QUALITY TEST EQUIPMENT



CONVERT YOUR VOM INTO 9 TESTERS

NEW MODEL 260-IV 20,000 OHMS/VOLT VOM

6 NEW FEATURES:

- New Self-Shielded Movement
- New Higher Accuracy: 2% DC, 3% AC
- New Ruggedness From Spring-Backed Jewels
- Greater Repeatability
- Increased Linearity and Stability
- *Mirror Scale (optional for 260, Series 4M)

Now the famous 260 volt-ohm milliammeter has 6 new features to make it better than ever. Sensitivity—20,000 ohms/V.D.C., 5,000 ohms/V.A.C. Ranges: DC: 0-25V, 2.5V, 10V, 50V, 250V, 1000V, 5000V; AC: 0-25V, 10V, 50V, 250V, 1000V, 5000V; A.F.: 0-2.5V, 10V, 50V, 250V; DB: 20 to +10 db; —8 to +22 db; +6 to 36 db; —20 to +50 db. DC current ranges from 0-50 μ amps, 0-1, —10, —100, —500 ma; 0-10 amps. DC resistance from 0-2000 ohms, 0-200,000 ohms, 0-20 megohms. Accuracies: DC volts \pm 2% F.S.; AC volts \pm 3% F.S. Meter housed in Bakelite case, measures 5 1/4 x 7 3/4". Comes with battery and test leads. Shpg. wt., 6 lbs.

TE-310 Net 47.97

MODEL 260 RT. As above, but in "roll top" safety case. Shpg. wt., 9 lbs. Net 53.85

TE-311 Net 53.85

MODEL 260-IV M—same as model 260-IV but with mirrored scale. Shpg. wt., 6 lbs. Net 49.85

TE-688 Net 49.85

MODEL 270 VOM. Includes all of the features of the 260 (above) plus a mirror scale knife edge pointer, extra high voltage stability and 1 1/2% accuracy. Size: 5 1/4 x 7 3/4". Furnished complete with case, batteries and instructions. Shpg. wt., 5 lbs.

TE-353 No Money Down Net 58.75

TE-354 MODEL 270RT same as 270 but with safety roll-top case. Net 64.63

9x6 3/4 x 4 3/4". Shpg. wt., 9 lbs.

ACCESSORIES FOR MODELS 260 and 270

Stock No	Simp. No	Description	Lbs.	Net
TE-313	1818	Leather carrying case	2	8.37
TE-689	7500	Leads, banana plugs & alligator clip	1	2.06
TE-690	0509	HV Probe-50KV range	1	12.24
TE-691	0508	HV Probe-25KV range	1	11.26

PLUG-IN ADAPTERS FOR 260 and 270

Now add unlimited versatility to your present 260 VOM. Simpson "Add-a-tester" adaptors (units listed below) literally turn your 260 into a whole array of testers. Each adaptor fits easily into any 260 or 270 meter produced since 1947. Simpson 260 Adaptors provide for normal 260 usage without disconnecting the adaptor.

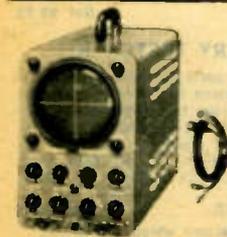
TE-314 MODEL 650 Transistor Tester.	Shpg. wt., 2 lbs.	Net 26.41
TE-315 MODEL 651 DC VTVM.	Shpg. wt., 2 lbs.	Net 32.29
TE-316 MODEL 652 Temperature Tester.	Shpg. wt., 2 lbs.	Net 38.17
TE-317 MODEL 653 AC Ammeter.	Shpg. wt., 2 lbs.	Net 18.57
TE-318 MODEL 654 Audio Wattmeter.	Shpg. wt., 2 lbs.	Net 18.57
TE-319 MODEL 655 Microvolt Attenuator.	Shpg. wt., 2 lbs.	Net 18.57
TE-320 MODEL 656 Battery Tester.	Shpg. wt., 2 lbs.	Net 19.55
TE-681 NEW MODEL 657 Milliohmmeter.	Shpg. wt., 2 lbs.	Net 39.15
TE-680 NEW MODEL 661 DC Ammeter.	Shpg. wt., 2 lbs.	Net 17.59

MODEL 466 HANOISCOPE

• Portable Oscilloscope with 5" Screen

Rugged, compact 5" general-purpose oscilloscope. For TV, FM or AM servicing. Vertical amplifier frequency response: \pm 1 db from 15 CPS to 100 KC; 6 db down at 250 KC; usable to 1 MC Max. vertical deflection sensitivity: 30mv rms/inch. Horizontal Frequency response: \pm 1 db from 15 CPS to 20 KC; 6 db down at 100 KC. Horizontal deflection sensitivity: 0.7 volt rms/inch, max. sawtooth sweep range: 15 CPS to 80 KC. Max. input voltage: 400 volts peak. Operates on 100-120 V. AC 60 cycles. Size: 12 3/4 x 8 1/2 x 16 1/4" D. Complete with test leads and operators manual.

TE-348WX Shpg. wt., 24 lbs. Net 146.95



MODEL 458 7" COLORSCOPE. Dual bandwidth for Blk. & Wh. Color TV. Freq. response Flat \pm 1.0 to 4.5 MC. Size: 11x16 1/2 x 14 1/2. For 105/125 V 50/60 CPS. AC. Shpg. wt., 38 lbs. Net 244.95

MODEL 458 (Not Illustrated)

MODEL 383A IN-CIRCUIT CAPACOHMETER

- Measures leakage Resistance of Defective Paper, Mica, or Ceramic Capacitors
- Indicates Directly the capacitance of Good Paper, Mica or Ceramic Capacitors over a Range of 10.0 mmf to 10.0 mf



Pulse technique quickly detects "border-line" capacitors. All measurements are made under load conditions. No adjusting of a bridge circuit and balancing controls. Also measures leakage. For 105/125 volts 60 cycles only. Complete with test leads and operators manual. Size: 8 3/4 x 11 3/8 x 8 1/2". Shpg. wt., 12 lbs. Net 88.15

DELUXE MODEL 311 VTVM

Sensitive VTVM. Ranges: DC/AC V. 0-1.5-150-500-1500V; P-P 0-4-14-40-140-400-1400-4000V. Will measure RF Voltages at frequencies from 50 CPS. Resistance: X1, X10, X100, X1K, X10K, X1M. Zero center D.C.: —75, 0, +75. With D.C./A.C./Ohms probe; Shpg. wt. 6 1/2 lbs.

TE-321 No Money Down Net 68.55

NO. 0731 RF PROBE. For 311 VTVM Shpg. wt., 1 lb.

TE-322 Net 11.27

NO. 0732 HV PROBE. For 311 VTVM Shpg. wt., 1 lb.

TE-323 Net 11.51

Shpg. wt., 1 lb.



DELUXE 7" SCALE VOLT-OHM MILLIAMMETERS



268



269

MODEL 268 MILLIAMMETER VOM

Specifications: 20,000 ohm/volt multitester with large 7" dial. Ranges AC/DC volts: 0-3-12-60-600-1200. DC Microamps: 0-60. DC milliamps: 0-1.2-12-120, and 0-12 amps. Output volts: to 300 VAC, DB scale. Ohms: RX1, X100, X10K. Size: 6x7 1/4 x 3 1/4". Complete with test leads. Shpg. wt., 5 lbs.

TE-685 Net 53.85

Model 267 — Similar to 268 except: AC voltage ranges to 250V. Ampere ranges for 0-50 ua, 0-500MA and 0-10A.

TE-684 Net 53.85

No. 5262 Carrying Case For 268 & 267 VOM's. Shpg. wt., 2 lbs.

TE-687 Net 9.75

No. 7538 Test Prods. Elbow Banana Plugs, For 268 and 267 VOM's. Shpg. wt., 1 lb.

TE-686 Net 2.45

MODEL 269 V-O-MICROAMMETER

100,000 ohms/volt multitester with 7" dial. 33 ranges: DC current 0-16-160 μ a; 0-160 ma; 0-16 amps. DC volts: 0-1.6-8-40-160-400-1600-4000. AC: 3-8-40-160-800V. AF: 0-160V; Ohms: 0-200K, Megs: 0-200. Size: 7 1/4 x 6 2 3/4". With batteries, leads, probe. Wt., 6 lbs.

TE-324 No Money Down Net 88.15

NO. D181 HI-VOLTAGE PROBE. 40KV range. For 269 Shpg. wt., 2 lbs.

TE-325 Net 13.23

MODEL 715 AC VTVM

High input impedance, multi-voltage ranges plus wide frequency response combine to make the 715 an ideal general purpose instrument. Meter scale provides DB markings on both voltage range positions. Employs \pm 1% precision resistors. Sensitivity is 10 millivolts full scale on lowest range. Accuracy: \pm 5% of full scale. Frequency Response: 10 cps to 400 KC \pm 1DB. Ranges: Volts: 0 to 300 rms; Decible Range: —52 to +52 DBM; Scale Markings: —12 to +2 DB. Supplied with test leads and instructions. Operates on 110-125V 50/60 cps. Shpg. wt., 4 lbs.

TE-358 Net 68.55



MODEL 430 COLOR BAR GENERATOR

100% saturated NTSC signals. Exceptionally wide range of control. Includes G-Y at 90°. Outputs pictured on a Single Master Control. Color bar display pattern, left to right: red, yellow, green, cyan, white, magenta, blue, black. Complete with leads and manual. 105/125V, 60 cycles. Size: 19 1/4 x 17 1/2 x 14". Shpg. wt., 26 lbs.

TE-692WX Net 387.10



OTHER SELECTED SIMPSON TEST EQUIPMENT

TE-327 MODEL 355 Midjetester	2 lbs.	Net 34.25
TE-333 MODEL 240 AC/DC VOM Hammeter	2 lbs.	Net 31.31
TE-336 MODEL 372 Ohmmeter	3 lbs.	Net 29.35

TOP QUALITY TEST EQUIPMENT BY TRIPLET

POPULAR 630 SERIES PORTABLE VOMS

200,000
OHMS PER VOLT
MODEL
630-NS



9751 No Money Down



MODEL 630



MODEL 630-PL



MODEL 630A



MODEL 630-APL

- 5µa SUSPENSION METER MOVEMENT
- 62 RANGES

Highly accurate. Temperature compensated. 1200V DC @ 100,000 ohms/V, to 600V DC @ 200,000 ohms/V. 20,000 ohm/volt on AC. Features: DB: -20 to +77. DC Micro amps: 0-600 @ 150 MV; 0-120 @ 300 MV. DC milliamperes: 0-600 @ 150 MV; 0-1200 @ 300 MV. DC amps: 0-6 @ 150 MV; 0-12 @ 300 M.V.; Ohms: 0-100K, 0-100 Megohms. Mirror Scale. With leads, batteries. 3 1/2" x 5 1/2" x 7 1/2".
TE-410WX Shpg. wt., 6 lbs. Net 97.51

MODEL 630 VOM

A popular VOM with a large 5 1/2" meter for easy visibility and greater accuracy. Sensitivity 20,000 ohms per volt DC, 5,000 ohms per volt AC. Ranges: 0-3-12-60-300-1200-6000 volts. Ohms: 0-1K-10K-1 meg-100 meg, DC milliamperes: 0-.06-1.2-12-120 at 250 millivolts. DC amperes: 0-12. DB: -20 to +70 (0 DB = 1 mw. in 600 ohms.) Meter has a molded, fully insulated case, measures 3 1/2" x 5 1/2" x 7 1/2". Complete with leads, clips, batteries and instruction book. Shpg. wt., 6 lbs. TE-368 Net 48.51

MODEL 630A VOM — Laboratory type VOM similar to 630 but features 1/2% resistors and more accurate movement for greater accuracy — complete with leads, clips, batteries and instruction book. Shpg. wt., 6 lbs. TE-369 Net 58.31

MODEL 630-PL VOM

A compact VOM of modern design. Features streamlined design. AC frequency response 5-500,000 cycles per second, DC Polarity reversing switch. High sensitivity: 5000 ohms per volt AC, 20,000 ohms per volt DC. DC Volts: 0-2.5-10-50-250-1,000-5,000. AC Volts: 0-3-10-50-250-1000-5000. Decibels: -20 to +75. DC milliamperes: 0-1-10-100-1000 at 250 millivolts. DC Amperes: 0-10 Ohms: 0-1K-10K-1 meg.-100 meg. Molded, fully insulated case, 3 1/2" x 5 1/2" x 7 1/2". Complete with leads, alligator clips, batteries and instruction manual. TE-370 Shpg. wt., 6 lbs. Net 48.51

MODEL 630 APL VOM Laboratory type VOM featuring 1/2% resistors and more accurate movement for greater accuracy—RANGES and other features same as Model 630 PL Shpg. wt., 7 lbs. TE-374 No Money Down Net 58.31



MODEL 310 VOM
MINIATURE VOM. DC volts: 0-3-12-60-300-1200 @ 20K ohms/v. AC volts: 0-3-12-60-300-1200 @ 5K ohms/v. DC µa: 0-600; MA, 0-600; ohms to 200K. With batteries, leads. Size: 4 1/4" x 2 3/4" x 1 3/4".
TE-360 Shpg. wt., 1 lb. Net 36.75

666-R POCKET VOM
DC/AC V.-0 to 5000 ohms per volt. Ohms 0-300,000; Megs: 0-3. DC MA 0-100; AMPS: 0-1. Output volts 0-1,000. Battery, leads. 3 1/4" x 5 7/8" x 2 1/4".
TE-389 Shpg. wt., 4 lbs. No Money Down Net 33.81

MODEL 10 CLAMP ON AC AMMETER
Clamp on type ammeter, plugs into 310 VOM. Jaws clamp around single conductor to measure 0-6-12-30-60-120-300 amps AC. Shpg. wt., 3 1/2 lbs.
TE-361 Net 15.19

- MODEL 379—Black leather case for model 10. Net 5.88
- MODEL 363 Shpg. wt., 8 oz.
- MODEL 101 LINE SEPARATOR — Divides two conductor cords, increases sensitivity 10X and 20X. Net 5.88
- TE-364 Shpg. wt., 2 lbs.
- MODEL 100. Complete set includes Models 310 and 10, 101, 379, 311. Shpg. wt., 5 lbs. Net 63.21
- TE-365 No. 611. Leads adapt model 10 for use with any VOM having 3 volt AC scale at 5000 ohms per volt, such as Triplett 630, 631 series. Net 2.06
- TE-366 Shpg. wt., 1 lb.
- No. 311 leads separate model 310 from model 10 in cramped locations. Net 2.06
- TE-367 Shpg. wt., 1 lb.
- MODEL 369 black leather case for model 310. Net 3.14
- TE-362 Shpg. wt., 8 oz.

NEW MODEL 630-L VOM

- Low Milliwatt Ohmmeter
- 2 Low Power Ohms Ranges
- Ideal For Checking Semiconductor Circuitry

A new VOM featuring special low power ohmmeter circuit for safe semiconductor testing. Large 5 1/2" meter has exclusive shielded Bar-Ring movement. Sensitivity: 20,000 ohms per volt DC; 5,000 ohms per volt AC. Accuracy: ±3% on DC; ±4% on AC. Color-coded range switch and dial. Polarity reversing switch. Uses Mercury batteries for stable voltage and long life. Ranges: 0-2.5-10-50-250-1000-5000 DC Volts; 0-3-10-50-250-1000-5000 AC Volts; -20 to +11, 21, +35, +49, +61, ±75 DB; 0-100 DC Microamps; 0-10-100-1000 DC Milliamps; 0-10 DC Amps; 0-1000-10,000 Ohms; 0-100 Megohms; 0-3-10-50-250-1000 AC Output Volts. Black molded case is fully insulated. Size: 3 1/2" x 5 1/2" x 7 1/2". Complete with leads, alligator clips, rubber feet, batteries and instruction manual. Shpg. wt., 5 lbs. TE-412 Net 53.41

NEW MODEL 310-C MINIATURE VOM

- Hand Size And Lightweight, But With Features Of Full Size VOM
- 20,000 Ohms Per Volt DC; 15,000 Ohms Per Volt AC



Complete miniature VOM featuring polarity reversing switch for DC measurements and single selector switch—one switch selects any range. Self-shielded Bar-Ring meter movement. Ranges: 0-3-12-60-300-600 DC & AC Volts; 0-600 DC Microamps; 0-6-60-600 DC Milliamps. Fully insulated black molded case measures 2 3/4" x 4 1/4" x 1 3/4". Complete with leads, battery and instruction manual. Shpg. wt., 1 1/4 lbs. TE-413 Net 43.61

MODEL 2590 TRANSISTOR TESTER

5831

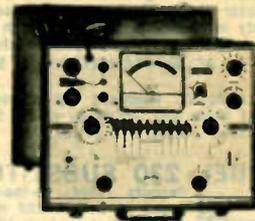
NO MONEY DOWN



Tests shorts, leakage, BETA, ICBO, ICBO, ICEO for both power and signal type transistors. Also checks leakage and forward currents on diodes. Operation is simple—roll charts or special technical data are eliminated. The only information needed to make a test is the transistor type. Finished in durable gray leatherette with luggage style handle and attractive aluminum panel. Size: 11 3/8" x 8 3/8" x 5 1/8". TE-398 Shpg. wt., 9 lbs. Net 58.31

MODEL 3414 TUBE TESTER

Portable and for Counter



10731
NO MONEY DOWN

A fast, a versatile, easy-to-use test instrument. Burned out tubes are rejected instantly upon insertion of tube. The neon indicator detects shorts quickly and accurately. Filament voltage of 0.65 to 117 volts is provided. Roll chart lists all popular radio, TV and Hi-Fi tubes. Large, three-color meter. Counter — Portable dark grey leatherette covered case is included. 15 7/8" x 11 1/2" x 6 1/2". Shpg. wt., 10 lbs. TE-378WX Net 107.31

TV PICTURE TUBE ADAPTER

Check picture tubes right in set or carton. Can be used with Triplett models 3413-B, 3423 and 3441. TE-376 BV Adapter. Shpg. wt., 3 lbs. Net 7.06



631



850

MODEL 631 VTVM-VOM

VTVM sensitivity 9 meg/volt. DC: 0-120V; VOM: 0-3-12-30-300-12K @ 20K ohms/V; AC: 0-3-12-60-300-12K @ 5K ohms/V. DC µa: 0-60 @ 250MV; DC MA: 0-1.2-12-120-1200 @ 250 mv; DC amps: 0-12 @ 250 mv; DB: -20 +63; ohms 0-1500-15K; Megs: 0-1.5-150. Molded case with batteries and leads. Size: 3 1/2" x 5 1/2" x 7 1/2". Shpg. wt., 6 lbs. TE-372 No Money Down Net 68.11

MODEL 850 ELECTRONIC VOLT-OHMMMETER

Large 7" scale plus protection against burnout are featured. Single probe. 11 Meg. input impedance, DC. Ohms to 1000 Meg., P-P voltage to 4000V. Size: 7 3/8" x 6 3/4" x 3 3/4". Shpg. wt., 7 lbs. TE-407 Net 77.91

MODEL 800 VOM Mirrored scale. 20,000 ohms/volt DC. 70 ranges. Size: 7 1/2" x 6 1/4" x 3 7/8". TE-404WX Shpg. wt., 6 lbs. Net 87.71

VOM AND VTVM ACCESSORIES

- No. T-79 A-145 R-F. probe for model 631 to extend measurements up to 250mc. Shpg. wt., 1 lb. TE-373 Net 7.65
- Model 639-N. Carrying case for testers 630, 630-A, 630-PL, 630APL, 630-NA, 631, 630L. Cover flap snaps back allowing full access to meter without removing case. Black Cowhide. TE-377 Shpg. wt., 2 lbs. Net 9.70
- Model 639-P. Same as 639-N Leather Case with sponge rubber lining. TE-399 Shpg. wt., 2 lbs. Net 14.60
- No. T-79-70 0-30,000V DC Hi-Volt Probe for 630 and 631 Series. Shpg. wt., 8 oz. TE-400 Net 14.21
- No. T-79-127 Replacement leads for 630 Series VOM's. TE-405 Shpg. wt., 1 lb. Net 2.06
- No. T-225-A33 stand for 630, 631. Shpg. wt., 1 lb. TE-402 Net 98
- Model 788-196—High Volt Probe DC to 50KV. For 850. TE-408 Shpg. wt., 1 lb. Net 19.59
- Model 859-OP Black Leather carrying case with sponge rubber padding for Model 850. TE-409 Shpg. wt., 2 lbs. Net 19.11

B&K PROFESSIONAL TEST EQUIPMENT

ACCURATE AND RELIABLE INSTRUMENTS FOR SERVICEMEN OR ENGINEERS

DELUXE MODEL 1076 TELEVISION ANALYST



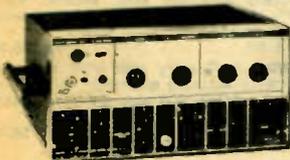
- A Complete TV Signal-Generating Source
- Checks All Circuits with Ease—Cuts Servicing Time in Half

A miniature T.V. Transmitter for TV troubleshooting. Injects RF, IF, video, or audio signal into TV set for rapid and easy isolation of defective stages. Supplied with slide transparencies which provide standard Test patterns for adjustment of Linearity, Sensitivity, AGC, Bandwidth, Resolution, Size, and Aspect Ratio; White-Dot and Crosshatch patterns for adjustment of color convergence, color demodulator. RF & IF signals are video and audio-modulated. Separate

horiz. and vert. drive pulses, 4.5 MC sound channel, 400 cycle tone generator. IF range 25-45 MC. Injects horiz. and vert. sync pulses, grid and plate drive signals directly into output transformers. Checks Fly-Backs, yokes for opens, leakage, and shorted turns. Automatic B+ Boost and HV indicators. Vert. Yoke test signal. Many other features. For 110-120 volts, 60 cycles AC. 17x10 1/4 x 10. Shpg. wt., 34 lbs.

TE-645WX Net 323.55

NEW MODEL 1074 TELEVISION ANALYST



A new and versatile TV Signal/Color Generating Device which simplifies any servicing or installing job. Injects RF, IF, Video, Audio signal directly into any stage of black and white or color TV sets. Also provides high-level test signal for direct picture tube modulating. Generates dot pattern, crosshatch, vertical lines, horizontal lines, burst signal, individual colors (one at a time, switch-selected). Produces Green, Blue, B-Y, R-Y, Red. All colors are crystal-

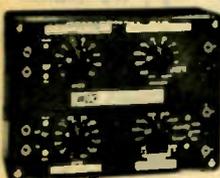
controlled. Burst output and high-level Chroma output are adjustable. Provides 15,750 cps demodulator signal. Checks for shorted turns, leakage, opens, short circuits and continuity in fly-backs and yokes. High voltage indicator lights reveal hard-to-find troubles in the horizontal output transformer or high voltage network. For 117 volts, 50/60 cps AC. Size: 14 1/2 x 7 x 11" D. Shpg. wt., 15 lbs.

TE-698WX Net 244.95

MODEL 850 COLOR ANALYST. Produces dot pattern, cross-hatch, vertical lines, horizontal lines, burst pulse and individual colors for accurate color TV servicing. AC only. Size: 9x12 1/4 x 8 1/2". Shpg. wt., 14 lbs.

TE-695WX Net 195.96

NEW MODEL 230 SUBSTITUTION MASTER



Permits rapid, on-the-spot substitution of complete range of carbon and wire-wound resistors, capacitors, electrolytics and rectifiers. Contains: CARBON RESISTORS—12 resistors, 1-watt from 10 ohms to 5600 ohms. POWER RESISTORS—20 wire-wound, 20-watt from 2.5 ohms to 15,000 ohms. CAPACITORS—10 at 600 volts from 100 mmfd to .5 mfd. RECTIFIERS—Universal Selenium; 5 amps, 800 PIV. Universal Silicon; 5 amps, 800 PIV. ELECTROLYTICS—20 combinations, all at 450 volts DC. Complete with four test leads. Size: 8 1/2 x 6 1/4 x 3 1/2". TE-694 Shpg. wt., 3 1/2 lbs. Net 44.05

VOMATIC 360 AUTOMATIC VOLT-OHM-MILLIAMMETER



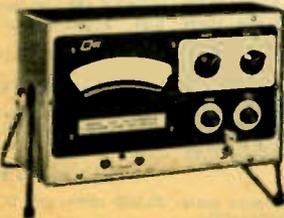
First real VOM advance in 20 years, the Model 360 speeds testing in a great variety of measurement applications. Features Burn-out proof meter and individual direct reading, full-size scales. Only one scale is visible at any one time, automatically. Once the range switch is set, it is impossible to read the wrong scale. Mirrored scale and knife-edge pointer further facilitate precise readings. DC volts in 6 ranges at 20,000 ohms per volt. Sensitivity and AC volts in 6 ranges at 5,000 ohms per volt sensitivity. Polar-

ity reversing switch. Accuracy $\pm 3\%$ DC $\pm 5\%$ AC (full scale). Also measures capacitance in 3 ranges, watts in 7 ranges and DBM in 5 ranges. Complete with batteries and test leads. Size: 6 1/2 x 8 3/4 x 4 1/4". Shpg. wt., 5 lbs.

TE-648 Net 58.75

TE-649 LG-8 leather carrying case for above Net 11.71

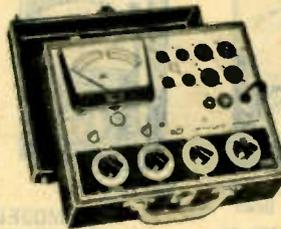
DYNAMATIC 375 AUTOMATIC VACUUM-TUBE VOLTMETER



This professional automatic VTVM simplifies true reading of peak-to-peak voltage of complex wave forms. All scales are direct reading and only one scale is visible at any one time. It utilizes a single DC-AC ohms probe and anti-parallax mirror. Range: 0-1500 DC volts, AC volts (rms) and AC volts (peak-to-peak). DC current: 0-500 ma. Ohms: 0-1000 meg. $\pm 3\%$ Accuracy Full scale AC and DC. Includes 1 1/2 V battery and sturdy metal case with combination swivel stand and handle. 117 volts AC 50/60 cps. Size: 10 3/4 x 6 3/4 x 4" D. Shpg. wt., 12 lbs.

TE-651WX Net 87.15

MODEL 600 TUBE TESTER

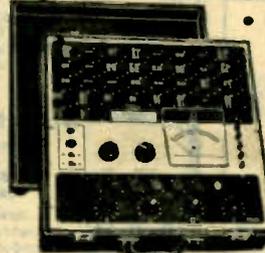


- Tests the Nuvistors, the new 10-pin tubes and 12-pin Compactrons
- Tests voltage regulators, thyratrons auto radio hybrid tubes, European hi fi tubes, and most industrial types.

A B & K professional quality tube tester at a low cost. In addition to all standard TV and radio tube types, the model 600 tests Nuvistors, the new 10-pin tubes and 12-pin compactrons. The Model 600 also tests voltage regulators, thyratrons, many industrial types and European # HiFi tubes. Checks for all shorts, grid emission, leakage and gas and tube quality under dynamic

load conditions. Tests each section of multi-section tubes separately. Provides exclusive adjustable grid emission test. Sensitivity to over 100 megohms. Phosphor-bronze socket contacts. Complete tube listing in handy reference index. Extremely compact in handsome, sturdy leatherette-covered carrying case. Size 8 1/2 x 11 x 4 1/2". TE-647 Shpg. wt., 7 lbs. Net 73.35

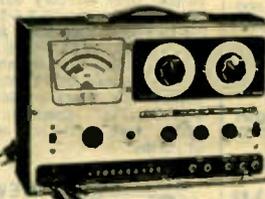
MODEL 700 DYNAMIC MUTUAL CONDUCTANCE TUBE TESTER



- Multiple-Socket Speed with 6m Accuracy Plus Obsolescence Protection

The "700" measures true dynamic mutual conductance in seconds. Tests all new type tubes and provides for future new sockets. Checks for all shorts, grid emission, leakage and gas. Large 4 1/2" meter with easy-to-read "Replace-Good" scale for quick life tests. Lists commonly used tube types on panel with complete listing on cover reference chart. Includes 7, 9, and 10 pin tube straighteners and handsome leatherette-covered carrying case. 117V 50/60 cps AC. Size: 16 1/2 x 15 3/4 x 5 7/8". Shpg. wt., 21 lbs. TE-652WX Net 166.55

MODEL 960 TRANSISTOR RADIO ANALYST



The Analyst gives you a complete signal generating source for point-to-point signal injection to troubleshoot any transistor radio. Signal trace all circuits stage-by-stage in minutes. Built-in metered power supply provides from 1 to 12 volts in 1 1/2 volt steps. Unique single point probe needs only one contact to transistor under test. Includes built-in VTVM and ohmmeter. Also tests all transistors out of circuit. Meter has direct reading Beta scale, Automatically determines NPN or PNP transistors. For 110-120 V 50/60 cps AC. Size: 12 1/2 x 7 3/4 x 4 7/8". Shpg. wt., 7 lbs. TE-697WX No Money Down Net 97.96

NEW AND IMPROVED MODEL 445 CRT TESTER



The new deluxe 445 is completely self-contained and simple to use. Quickly checks and corrects black and white, color TV picture tube troubles in a few minutes without removing tube from set. Tests and rejuvenates all picture tubes at correct filament voltages from 1 to 12 volts, including new 110" tubes. Checks and corrects each gun of color tube separately. Includes socket to test new 23E622—new 90" 23" color tube. Restores emission and brightness. Grid cut-off reading indicates the picture quality. Uses DC on all tests—for more accurate check on control and capabilities. Has large 4 1/2-inch plastic meter. Easily portable in leatherette-covered carrying case. For 105-125 volts, 50/60 cps AC. Size: 14 x 8 x 4 1/4". Shpg. wt., 12 lbs. TE-699 Net 73.45

MODEL 1070 DYNA-SWEEP CIRCUIT ANALYZER



Circuit analyzer for trouble shooting horizontal, vertical sync and high voltage sections of TV sets. Provides horiz. plate driving signal to drive TV output transformer circuit; checks for shorted turns, leakage, opens, shorts and continuity. Tests for yoke troubles. Provides unique high voltage indicator. Completely self-contained. Operates in 110-120V, 50/60 cycle AC. Size 9 1/2 x 7 x 5. Shpg. wt., 10 lbs. TE-576 No Money Down Net 73.45

World Famous Test Equipment by



JUNIOR VOLTOHMYST KIT RCA MODEL WV-77EK

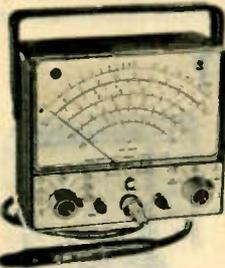


2995

KIT
43.95 WIRED

This kit makes possible substantial savings in a high quality vacuum-tube voltmeter. Its 28 ranges include 7 DC voltages: 0-1.5, 5, 15, 50, 150, 500, 1500, with $\pm 3\%$ of full scale accuracy and input resistance of 11 megohms; 7rms AC voltages: 0-1.5, 5, 15, 50, 150, 500, 1500, with $\pm 5\%$ of full scale accuracy; 7 peak-to-peak AC voltages: 0-4, 14, 40, 140, 400, 1400, 4000 volts, with 5% accuracy; 7 overlapping ohms ranges from 0.2 ohms to 1000 megohms with center-scale values of 10, 100, 1000, 10K, 100K, 1 meg. and 10 meg. ohms. Other important features include zero-center for discriminator alignment; frequency response of 40 cps to 5mc. flat to within $\pm 5\%$ on the 1.5 to 15 volt rms and 4 to 40 volt p-to-p ranges; 1% deposited-carbon resistors; meter electrically protected against burnout. Power requirement is 5 watts at 105-125 v., 50-60 cps AC and VS035 battery. Supplied complete with DC and AC/ohms probes and cables and ground leads, battery, and instruction book. TE-141 Shpg. wt., 5 1/2 lbs. Net 29.95 WV-77E Same, completely wired and factory-calibrated. TE-142 Net 43.95

SENIOR VOLTOHMYST KIT RCA MODEL WV-986K



5795

KIT
NO MONEY DOWN

79.50 WIRED

The famous VoltOhmyst has now added a DC voltage range of 0.5-volts DC for accurate low voltage transistor measurement. Check these deluxe features: Big 6 1/2" scale: $\pm 3\%$ accuracy full scale on both AC and DC measurements ($\pm 5\%$ in 1.5 and 5.0 volt AC ranges); 1% precision resistors; burnout proof; sturdy single-unit probe with built-in DC/AC-OHMS switch. Measures peak-to-peak values of complex waveforms. For 105-125 volts. Size: 7Wx6 1/2Hx3 3/4"D. Shpg. wt., 6 lbs. TE-148 No Money Down Net 57.95 TE-147WX WV-98C Factory Wired Net 79.50

RCA ACCESSORIES

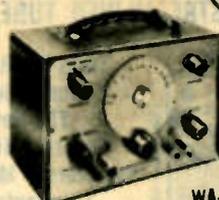
- WG-299D, DC/AC—OHMS Probe with shielded cable and coaxial connector for use with Volt-Ohmysts. Shipping wt., 1 lb. TE-126 Net 7.95
- WG-300B. Direct/Lo-Cap Probe & Cable for use with oscilloscopes. Shipping wt., 1 lb. TE-127 Net 9.95
- WG-301A. CRYSTAL DIODE PROBE to extend range of Volt-Ohmysts to 250 Mc. Slip-on type. Shipping wt., 8 oz. TE-128 Net 7.75
- WG-302A. RF/IF/AF/SIGNAL TRACING PROBE for use with WO-91A probe. Shipping wt., 8 oz. TE-129 Net 8.50
- WG-289. HIGH VOLTAGE PROBE extends VTVM's & VOM's range to 50,000 volts. Shipping wt., 1 lb. TE-135 Net 11.95
- WG-206. 1090 MEGOHM MULTIPLIER for WG-289. Shipping wt., 2 oz. TE-136 Net 3.50
- WG-270A CARRYING CASE for WV-38A (K) Shpg. wt., 2 lbs. TE-144 Net 4.95



WV-38A



WO-33A



WA-44C

WV-38A (K) VOLT-OHM-MILLIAMETER KIT

Here is a VOM by RCA that you can get either as a kit or as a factory wired instrument. A must for any kind of electronic servicing. DC voltage has 8 ranges: 0-0.25, 1.0, 2.5, 10, 50, 250, 1000, 5000 volts, with $\pm 3\%$ of full scale accuracy. DC input resistance is 20,000 ohms per volt. AC voltage has 6 ranges: 2.5, 10, 50, 250, 1000, 5000 volts, with $\pm 5\%$ full scale accuracy. Input resistance is 5000 ohms-per-volt. Frequency response, measured with reference at 1000 cps is flat within 1/2 db from 10 cps to 50KC

for 2.5, 10, 50-volt ranges. Resistance from 0-2,000—200,000—20,000,000 ohms in three ranges. DC current has 6 ranges: 0-1-10-100-500 milliamperes, and 0-10 amps, with full scale accuracy of $\pm 3\%$. Complete with batteries, ground lead and instruction booklet. Size 5 1/4x3 1/4x6 7/8".

TE-139 Shpg. wt., 4 lbs. Net 29.95
WV-38A Completely wired and factory tested.
TE-140 Net 43.95

WO-33A (K) 3" SCOPE KIT

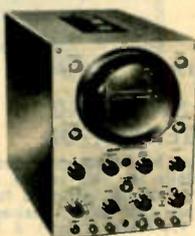
The new, extremely portable and compact WO-33A 3-inch Oscilloscope is available as a kit or as a factory-wired instrument. It will handle any black-and-white or color-TV servicing job. Lots of gain and bandwidth. Vertical amplifier has two positions. On wide band position, sensitivity is 100 rms mv/in. and bandwidth within 3 db from 5.5 cps to 5.5 Mc. On narrow band position, sensitivity is 3 rms mv/in. and bandwidth within 3 db from 20 cps to 150KC. Has external and \pm internal sync. Sync range to 4.5 Mc. Sawtooth range from 15 cps to

75 Kc. Line sweep can be adjusted 160° phase. Vertical circuit input impedance at lo-cap cable input is 10 megohms and 10 microfarads approximately. Complete with direct/lo-cap probe and cable, and instruction booklet. Assembly instruction sheet provided with the kit. Power requirement is 50 watt at 105-125 volts. 50/60 cps. Size 6 1/2x 10 1/4x8 3/4". TE-137WX Shpg. wt., 15 lbs. Net 79.95
WO-33A Completely wired and factory tested.
TE-138WX Net 129.95

WA-44C SINE SQUARE WAVE AUDIO GENERATOR

An Audio Generator, engineered for hi-fi servicemen. With the WA-44C, you can quickly locate defects in public address systems, hi-fi systems, and in the audio stages of radio and TV receivers. Features an extra-wide frequency range of 20-200,000 CPS. Simple one-scale dial for easy operation. Squarewaves are clean with less than 5% tilt. Separate 60 cps. output for intermodulation distortion measurements. Output voltage (at 100 K ohm

and 75 μ f. load). Sine Wave, up to 8 volts RMS; Square wave, 10 volts P-P. Amplitude variation of output voltage at 30 cps to 100 Kcs: ± 1.5 db. Frequency stability: $\pm 2\%$. Dial calibration accuracy: $\pm 5\%$. Maximum total harmonic distortion: 0.25% from 30 cps to 15 Kcs. Maximum hum less than 0.1%. Case: 10 1/4x6 1/4x7". Shpg. wt., 10 1/2 lbs. TE-143WX Net 98.50



WO-91A



WG-307B



WV-120A



WR-50A



WR-76A

WO-91A 5" OSCILLOSCOPE

5" scope for servicing color and black and white TV. Equipped with multi-scale graph screen. Dual band response: 10 cps to 4.5 MC ± 1 db or narrow band, 10 cps to 1.5 MC ± 6 db. 3-1 voltage calibrated, frequency compensated step attenuator for vert. amp. Vertical polarity reversal switch. Built-in calibration voltage. WG-300A probe supplied. For 105-125V, 50/60 cycles AC. Size: 13 1/2x9x16 1/2". Shpg. wt., 33 lbs. TE-123WX No Money Down Net 249.50

WG-307B (K) TV BIAS SUPPLY KIT

This RCA TV bias supply is designed for use in servicing and aligning both color and Black and White sets. Provides 3 separate DC output voltages. Easy to assemble kit. For 110-125 V, 60 cycles AC. Size: 6 1/2x 3 3/4x2". Shpg. wt., 1.3 lbs. TE-149 Net 11.95

WV-120A POWER LINE MONITOR

Easy to use—plugs into wall outlet. Moving-vane type meter gives accurate rms readings. Fast meter action reveals "bounces" and fluctuations in line voltage. Can be hung on wall or placed on bench. Accuracy, $\pm 2\%$ at 120 volts; $\pm 3\%$ at 100 and 140 volts. Highly legible meter scale. Size 3 1/4x5 3/4x4". TE-765 Shpg. wt., 1 1/2 lbs. Net 14.95

WR-50A RF SIGNAL GENERATOR

Designed for aligning and trouble shooting AM, FM, and Citizens Band receivers. Provides accurate CW on amplitude-modulated signals in the fundamental range of 85KC to 40MC. Dial calibration accuracy within 1%. Shielded outputs. For 110-125V, 50/60 cycles AC. Size: 7x10x5". Shpg. wt., 10 lbs. Factory wired. TE-766 Net 59.95

WV-76A AC VTVM

Ideal for Hi-Fi and other audio work. Measures AC voltages from 10 millivolts to 100 volts in 9 overlapping ranges. DB ranges: -40 db to +40 db. Amplifier response 20 cps to 500KC $\pm 1/2$ db. Includes shielded direct/low capacitance probe and cable. For 105-125V 50/60 cycles AC. Size: 7 1/4x 5 1/4x4 3/4". TE-767WX Shpg. wt., 5 lbs. Net 79.95

COLOR AND BLACK AND WHITE TV SERVICE EQUIPMENT (Not Illustrated)

- Model WD-25A TV ISOTAP—Adjustable Isolation Transformer. TE-768 Shpg. wt., 15 lbs. Net 22.00
- Model WR-64A COLOR BAR/DOT/CROSS MATCH GENERATOR—A must for servicing color TV. TE-146WX Shpg. wt., 16 lbs. Net 189.50
- Model WG-295C VIDEO MULTIMARKER—provides 7 simultaneous absorption type-markers at preset frequencies. TE-769 Shpg. wt., 1 lb. Net 32.50

SELECTED TEST EQUIPMENT VALUES

from Leading Manufacturers

ACCURATE MODEL 157 MODERN, STREAMLINED TUBE TESTER



Tests All Modern Tubes Including
The New
Novars 10 Pins
Nuvisitors Magnovals
Compactrons

Only
2782

NO MONEY DOWN

Not a Kit—Completely Wired & Calibrated

Makes all necessary tests on over 1000 tube types. Checks for shorts and leakages between all elements; tests for filament continuity; indicates the quality (emission) of all tubes. Checks all 7-pin Miniatures; Octals; Lock-Ins; 9-pin Novel Miniatures; new T-9 types; Novars; Nuvisitors; Compactrons; 10 pins; Magnovals. New single rotary-type selector switch instead of slide switches assures fast operation. Has front-panel 7 and 9-pin tube straighteners. Employs a rugged, accurate, highly damped meter movement with sealed air-damping chamber. Supplied with attractive portable carrying case. For 110-120 volts, 60 cps AC. Size: 9x10½x3½". Shpg. wt., 6 lbs.

TE-731

Net 27.82

NEW INSTRUMENTS FOR THE SERVICING OF STEREO MULTIPLEX TUNERS, RECEIVERS AND ADAPTERS



NEW FISHER MODEL 300 MULTIPLEX SIGNAL GENERATOR

- Built-In FM Signal Generator
- Completely Self-Contained and Portable

Compact, portable FM Multiplex Generator with built-in FM Signal Generator, for servicing FM Multiplex equipment in home or shop. Only oscilloscope needed for complete stereo testing and alignment. Features built-in switchable pre-emphasis network and front-panel peak-to-peak output meter. CONTROLS: 7-Position Selector Switch; Composite Output Level; Left Input Level; Right Input Level; 19 KC Amplitude Calibration; 19 KC Phase Calibration; Pre-emphasis On-Off; Power On-Off; FM Generator Carrier Freq. Adj. (in rear). OUTPUTS: 100 MC FM-MPX signal (tunable from 97 to 103 MC); MPX Composite signal; 19 KC Pilot-carrier signal; 1 KC & 4 KC Audio Oscillator output (in rear). INPUTS: External Modulation (left, right); SCA (in rear). Non-switched Auxiliary AC Outlets (in rear). For 105-125 volts, 60 cps AC. Size: 8Wx10Hx12"D. Shpg. wt., 19 lbs.

TE-747WX

Net 495.00



NEW RCA MODEL WR-51A STEREO FM SIGNAL SIMULATOR

- Generates Complete Range of FM Test Signals
- Compact, Lightweight and Portable

Generates all the signals necessary for complete servicing and maintenance of Stereo Multiplex FM receivers and adapter. CONTROLS: 8-Position Frequency Selector; 5-Position Function Selector; Center RF Freq. Adj.; RF Deviation/Sweep Width—Audio Level/Comp. Sig. Level; 19 KC Subcarrier Level/Power On-Off. OUTPUTS: Composite Stereo signal (left or right) and "Phase Test" signal (L & R in phase); Variable Level 19 KC Crystal-Controlled Subcarrier signal; 28, 38, 48 and 67 KC Sine-Wave signals; 100 MC Carrier signal, adjustable ± 0.8 MC (may be swept over adjustable range from 0 to 700 KC @ 60 cps for over-all RF/IF alignment checks); Crystal-Controlled 5.35 MC signal (provides 10.7 MC IF marker and 90.95, 96.30, 101.65, 107 MC harmonic markers for receiver RF alignment). Supplied complete with connecting cables. For 105-125 volts, 50/60 cps AC. Size: 13½x10Hx8"D. Shpg. wt., 16 lbs.

TE-770WX

Net 249.50

EMC MODEL 212 TRANSISTOR ANALYZER KIT



Battery powered, checks all transistors for beta in 3 ranges to 200; leakage on 3-color scale. Tests all transistors in circuit without removing them. Can be used to signal trace AF, IF or RF circuits. Also measures batteries voltage on 0-12 volt peak and DC current drain on 0-80 milliampere scale. Checks condition of diodes. Supplied with test leads and instructions. Size: 3¼x6¼x2"0. Shpg. wt., 2 lbs.

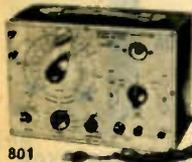
TE-831 Model 212 kit

Net 13.23

TE-832 As above, but factory wired

Net 18.13

NEW EMC TEST EQUIPMENT



801

213

EMC MODEL 801 RESISTANCE-CAPACITANCE, COMPARATOR & CAPACITY CHECKER KIT

Measures condensers for actual value, leakage, and power factor. Detects in-circuit opens above 50 mmfd, shorts, up to 20 mfd, and condensers that are intermittent in operation. Checks capacity values in 4 ranges from 10 mmfd to 5000 mmfd; resistance in 4 ranges from .5 ohms to 500 megs. Also checks capacitor, inductance or resistance ratio, or transformer windings with a ratio of 20:1 or less. Tests power factor and leakage at rated voltages between 0-500 VDC. Size: 10x7x5"D. Shpg. wt., 7 lbs.

TE-745 Model 801 Kit

Net 24.45

TE-746 Model 801 Wired

Net 38.17

MODEL 213 TUBE TESTER KIT

Checks all new Compactrons, Nuvisitors, Novars and 10-prong tubes in addition to Octals, Locals, Miniatures and 9-prong tubes. Tests for shorts, leakages, intermittents and quality. Quality is indicated directly on 3-color metal dial. Each section of multi-purpose tubes is checked separately. Also tests Magic Eye, Voltage Regulator and Hi-Fi tubes. Supplied complete with high-impact bakelite case and strap, instructions and tube charts in ring bound manual. Size: 8½x7½x4" Shpg. wt., 5½ lbs.

TE-749 Model 213 Kit

Net 18.52

TE-750 As above, but factory wired

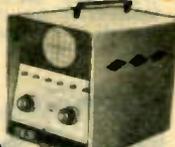
Net 28.42

SENCORE

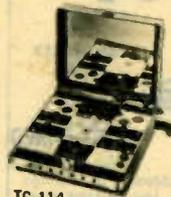
TEST EQUIPMENT



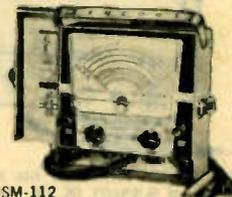
CG 126



PS 120



TC-114



SM-112

NEW CG126 STANDARD COLOR BAR GENERATOR

Small, portable standard color bar, white dot, cross-hatch generator made especially for field service on color TV. Outstanding Features: Crystal-Controlled Patterns; Simplified Operation (just dial pattern desired); Adjustable White Dot Size; Pre-Tuned Channel 4 RF Output (simple slug adjustment for other low channels); Injects Patterns Directly into Antenna Terminals; Reserved Output on Color Bars. For 105-125 volts, 50/60 cps AC. Size: 11Wx8Hx6"D. Shpg. wt., 10 lbs.

TE-748WX

Net 97.51

SM112 COMBINATION VTVM—VOM

Six AC and DC ranges from 0 to 1000 volts on both VTVM and VOM. VTVM has 6 peak-to-peak ranges and 6 resistance ranges, from 6 to 1000 meg ohms; constitutes 10-megohm load, VOM has 2 resistance ranges from 0 to 1 megohm, plus a current scale from 0 to 1000 ma DC; constitutes 15,000-ohm load on low range, 5-megohm load on high range. Size: 7½x8x3½" Shpg. wt., 8 lbs.

TE-655

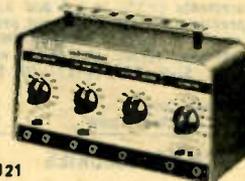
Net 78.35

PS-120 PROFESSIONAL WIDE-BAND 3" OSCILLOSCOPE

For all alignment work and a must for color TV servicing —3.58 MC Color Burst signals can be seen individually. Vertical Amplifier Frequency Response: Flat within ½ db from 20 cps to 5.5 MC. Horizontal Amplifier Frequency Response: Flat within —3 db from 45 to 330 KC. Sweep Circuit Characteristics: 4 ranges, 15 cps to 150 KC. Sync Range: 15 cps to 8 MC. 1000 volts peak-to-peak maximum AC input voltage. For 105-125 volts, 50/60 cps AC. Size: 7Wx9Hx11¼"D. Shpg. wt., 12 lbs.

TE-659WX

Net 121.91



RC 121

RC121 COMPONENT SUBSTITUTOR

Provides a complete range of carbon resistors, power resistors, capacitors, electrolytics and rectifiers for on the spot substitution. Each component can be used independently of the other. Over 25 combinations of capacitor values can be substituted by using the electrolytics as duals, singles or paralleling them to double capacity. Exclusive Surge Protector prevents any arc, spark, or heating of capacitors being bridged. Automatically discharges both electrolytics when released. Complete with four test leads. 10x5x4"

TE-658

Shpg. wt., 5 lbs. Net 39.15

TC114 "MIGHTY MITE II" TUBE TESTER

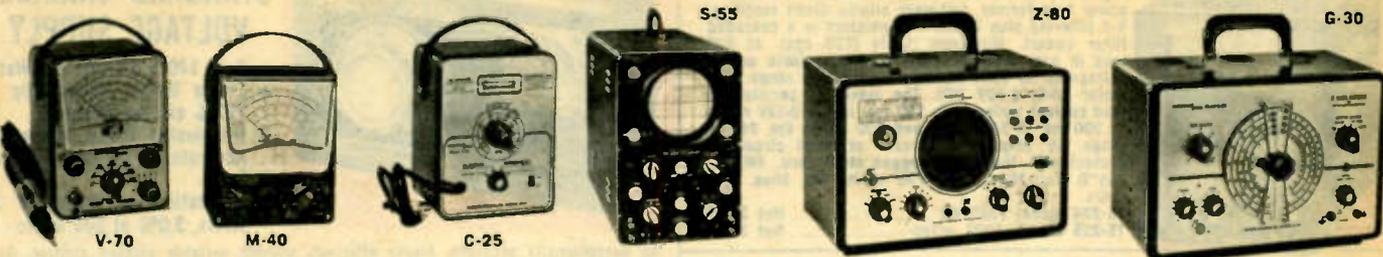
Tests all the latest tubes, including Compactrons, Sylvania Ten Pins, RCA Novars and 5 pin Nuvisitors, plus picture tubes. Checks shorts, leakage and emission for nearly all tubes on the market today. Dimensions: 10½x9½x3½". Shpg. wt., 9 lbs.

TE-568

Net 73.01

Precision/PACO - Versatile & Reliable Test Equipment

KIT SERIES - Kit & Factory Wired



MODEL V-70 VTVM KIT
 7 DC and RMS AC voltage ranges to 1500 volts. 7 peak to-peak voltage ranges to 4000 Volts. 7 ohmmeter ranges to 1000 megohms. Special PACE 5" acrylic cased meter. Attractive, easy-reading two color panel. Rugged ripple-finished steel cabinet, size 7½"x5¾"x4¼". Complete with all parts and instructions.
 TE-455 Shpg. wt., 6 lbs. Net 31.31
 Model V-70W, as above, but factory wired.
 TE-456 Shpg. wt., 8 lbs. Net 54.83
 TE-457. AV-1 HF Crystal Probe for above 1 lb Net 6.81
 AV-2 High Voltage Safety Probe. Permits reading up to 60,000 V. Shpg. wt., 1 lb.
 TE-458 Net 6.81

MODEL M-40 V. O. M. KIT
 Highly sensitive V.O.M. for the radio-TV service shop, classroom, or in communication and electronic maintenance. Accurate, reliable, long-lived performance is assured by careful selection of components and expert engineering. 1% Deposited-film and wire-wound resistors used throughout. The unit offers high sensitivity of 20k ohms/v DC, 10k ohms/v AC. Features 4¾" 50 µ amp meter with ±2% accuracy. Ranges: DC volts, 0-1.5-6-30-150-600-1500-6000; AC volts, 0-3-12-60-300-1200-3000-12000; DC Current, 60 µ amp, 0-1.5-15-150 ma, 0-1.5-15 amps; Ohms, 0-2000-200K-20 meg. In molded phenolic case. Complete with detailed instruction manual Size, 5¼"x6¾"x2¾". Shpg. wt., 4 lbs.
 TE-480 Net 31.31
 Model M-40W. As above, but factory wired.
 TE-481 Net 39.15
 AM-1 HV Probe. For M-40 Permits reading to 30,000 V.
 TE-482 Shpg. wt., 1 lb. Net 6.81

MODEL C-25 IN CIRCUIT CAPACITOR TESTER KIT
 A time saving trouble-shooting instrument for the service bench. Quickly detects open or shorted by-pass, coupling, and blocking capacitors without removing them from the circuit. The PACO Capacity Dial makes possible a direct in-circuit test of electrolytic capacitors by reading the capacitance right from the instrument dial. Tests electrolytics from 2 to 400 mfd in two ranges. Rugged ripple-finish steel cabinet with attractive two-color panel. Dimensions 7½"x5¾"x4¼". Shpg. wt., 6 lbs.
 TE-453 Kit Net 19.75
 Model C-25W, as above, but factory wired.
 TE-454 Net 32.29

MODEL S-55 WIDE BAND OSCILLOSCOPE KIT
 A deluxe, laboratory-type instrument covering the entire range between DC and 5Mc. Ideal for color TV. Vertical channel. Sensitivity 70 mv/in for DC and 25 mv RMS/in for AC. Frequency response within 3 db to 4.5 Mc for DC and AC. Horizontal channel: Sensitivity: 0.6 V RMS/in. Frequency response within 3 db to 400 Kc. Cathode follower horizontal input circuit. Linear time base, automatic positive and negative sync, built in peak-to-peak voltage calibrator. In louvred steel cabinet with two-color easy reading panel. For 117V., 50/60 cps. Size 13¾"x8¾"x17¼" Shpg. wt., 30 lbs.
 TE-478WX Net 97.95
 Model S-55W, as above, but factory wired.
 TE-479WX Net 152.75
 AS-1 Scope Probe Set. Includes 10/1 LO-Cap, crystal demodulator, shielded direct probes. Shpg. wt., 2 lbs.
 TE-477 Net 15.83

MODEL Z-80 RF-AF SIGNAL TRACER KIT
 A signal tracer kit of exceptional value. Designed for use with AM, FM, TV and audio circuitry, its extra-high gain enables direct tracing of the actual signal at the receiver antenna input terminals. Has both visual and aural indicators plus out-put terminals for use with VTVM or scope. Other features include: noise test circuit; wattmeter circuit; test amplifier; substitute speaker and output transformer; fine and coarse attenuators; also 2-way AF-RF shielded probe with built-in selector switch. Complete with detailed instruction manual for easy assembly. In attractive steel cabinet. Size: 11½"x7"x5". For 117v, 50/60 cps.
 TE-473 Shpg. wt., 10 lbs. Net 32.29
 Model Z-80W, as above, but factory wired.
 TE-474 Shpg. wt., 12 lbs. Net 58.75

MODEL G-30 RF SIGNAL GENERATOR KIT
 A deluxe unit in every respect but price. Conservative engineering and the use of high quality components throughout assure stable and accurate performance. Ideal for all TV, FM, AM, audio testing and servicing work. Frequency range: 160 kc to 240 mc in 8 bands; to 120 mc on fundamentals. Outputs—Over 100,000 µv RF; Up to 15v, 400 cps audio; Modulated RF. Front panel control for variable modulation. 2-step attenuator. Supplied with complete instruction manual for easy assembly. In attractive steel cabinet. Size 7x11½x5" For 117V, 50/60 cps. Shpg. wt., 9 lbs.
 TE-470 Net 32.29
 Model G-30-PC. Same as above, but with the entire "front end" tuned circuit pre-calibrated and pre-wired.
 TE-472 Net 39.15
 Model G-30W. As above, but factory wired.
 TE-471 Net 44.65

DELUXE WIRED SERIES



MODEL E200-C DELUXE SIGNAL MARKER GENERATOR
 A deluxe professional instrument for reliable TV, FM, AM alignment use. Covers frequency range of 88 kc to 240 mc in 9 bands. 6½" direct-reading tuning dial with 0-100 vernier drive assures accurate and easy operation. Accuracy 1% on all bands and exceptional frequency stability. 0-100% variable internal modulation. Outputs: unmodulated RF; 400-cycle modulated RF; and 400-cycle sine wave. With built-in AVC-AGC substitution voltage (variable 0-50VDC). In deluxe steel cabinet supplied with coax output cable and illustrated manual —"Servicing by Signal Substitution." 11½"x13x6¾". For 110-120 V 50-60 cps. Shpg. wt., 17 lbs.
 TE-520WX Net 107.75

MODEL 120 MULTI-RANGE TESTER
 Lab type, compact VOM provides a large 5¼" meter of 50µa sensitivity and ±2% accuracy. Ranges: AC/DC output volts 0-1.2-3-12-60-300-600-1200-6000; sensitivity —20k ohm/v on DC, 5 k ohm/v on AC; DC current, 0-60-300 µa, 0-1.2-12-120-600 ma, 0-12 amps; ohms, 0-200-2K-200K ohms, 0-2-20 meg; DB, —20 to —177 in 8 ranges. 1% multipliers. In custom-molded phenolic case. Complete with batteries, test leads and manual. Size, 5¾"x7x3¾". Shpg. wt., 5 lbs.
 TE-525 Net 46.99

MODEL E-450 COLOR BAR AND WHITE DOT GENERATOR
 A must for efficient color TV servicing. The E-450 combines the facilities to test and adjust the color phasing, matrixing, linearity and convergence circuits in all color receivers. Produces color bars, white dots, vertical bars, horizontal bars, cross hatch. Just one simple connection direct to antenna input terminals of receiver under test. RF output and sound carrier available on either channel 3 or 4. No external sync signals required. Master voltage-regulated oscillator crystal controlled. Output impedance, 300 ohms. Color bars R-Y, G-Y, B-Y, I and Q signals. For 117V 50/60 cycles A.C. Size: 13x12x8" Shpg. wt., 14 lbs.
 TE-714WX NO MONEY DDWN Net 186.15

MODEL 120M VOM
 Designed where utmost accuracy is required. Uses ½% multipliers. 1% mirror-scale meter. Has polarity reversal switch. All other physical and electrical specs are same as Model 120.
 TE-526 Net 55.81
 Accessories for 120 and 120M
 LC-3 Leather case, ever ready type. Shpg. wt., 3 lbs.
 TE-527 Net 10.29
 TV-28 HV safety probe up to 30 KVDC. Shpg. wt., 2 lbs.
 TE-529 Net 15.63

MODEL 10-60 ELECTRONAMIC TUBE AND TRANSISTOR TESTER
 An advanced industrial-type instrument that tests tubes over complete path of operation. Tests all modern tubes including sub-miniatures; filament voltages from 0.75 to 117 volts low voltage short-check circuit guards against damage to tubes; 5-window geared roll chart. Checks TV picture tubes. Transistor and crystal diode testing in accordance with leading semi-conductor manufacturers—0.5 VDC to 160 VDC in 22 steps; wide-spread Icbp ranges. 20x15x7". 110-120 VAC, 50-60 cycle.
 TE-521WX Shpg. wt., 25 lbs. Net 234.15

MODEL E-310 WIDE-RANGE SINE AND SQUARE WAVE GENERATOR
 Outstanding stability and reliability. Offers both sine and square wave coverage from 5 cps to 600 KC in 5 decimal bands; ±2% reading accuracy (or 1 cycle). Other features include: Output characteristics within ±1 db band-to-band; less than 1% distortion from 5 CPS to 600 KC; Sine wave level, 10V RMS into 600 ohms; Square wave level, 10V P-P, 0.2 microsecond rise time; 4 position step attenuator and continuous amplitude control. Front panel metering terminals for external VTVM, VOM or VU meter. 6" dia. tuning dial with 12:1 drive ratio. Heavy gauge steel case. For 117V 50/60 cycles AC. Size: 11½"x9x11¼"
 TE-724WX Shpg. wt., 24lbs. Net 195.95

POWER SUPPLIES for the LABORATORY & SERVICE BENCH



EICO MODEL 1020K TRANSISTORIZED POWER & BIAS SUPPLY KIT

Highly versatile, stable and reliable. Includes a power transformer, full-wave silicon diode rectifier, R-C filtering plus 2 power transistors in a cascaded filter circuit. Maximum ripple (120 cps) at full load is only 0.005%. Continuously variable output voltage to 30 volts monitored by a dual range voltmeter (0-6, 0-30V DC). The maximum permissible load current varies from 150 ma. in the 0-12V range to 200 ma 12-24V range and 300 ma in the 24-30V range. 1/2 amp. fuse in case of short circuit to protect unit. Housed in rugged steel case, 4Wx5Hx 5 1/2"D. For 105-120V 50/60 cycles AC. Shpg. wt., 5 lbs.

TE-224 Model 1020 Kit Net 23.95
TE-225 Model 1020 wired Net 29.95



LAFAYETTE LAB STANDARD VARIABLE VOLTAGE SUPPLY

- 0 to 140 V.A.C. at 500 Watts
- Linear Output Voltage Up to 123% of Line Voltage
- Illuminated 0-150 Voltmeter Accurate to ± 1% of Full Scale
- Regulation ± 0.6% at 75 Watts, 3.0% at 500 Watts

An exceptionally accurate, highly efficient, smooth variable voltage control. Continuously adjustable voltage from 0 to 140 Volts from A.C. power line. Ruggedly encased for front-panel, behind-panel, wall or bench mounting. Illuminated meter reads 0-150V with an accuracy of 1% of full-scale. Output under maximum load is linear up to 123% of line voltage. Regulation ± 0.6% at 75 watts, 3.0% at maximum. Ideally suited to laboratory, inspection, classroom, servicing, motor control, soldering, light dummy, any application where a source of variable voltage is required. Compact design, measures only 9 3/8"Lx4 7/8"Wx5 1/2"H. Max. output, no load, 142 V RMS. Operates from 117 V., 50-60 cycle line. Fused at 5 amps. Duplex 2 prong output receptacles. 6 ft., 2 wire line cord. Shpg. wt., 13 lbs. Imported TR-114 Net 19.75

EICO MODEL 1073K METERED VARIABLE AC BENCH SUPPLY KIT

A deluxe bench supply which is invaluable for production line testing, quality control, and service work. Adjustable linear output voltage, 0-140 VAC from 120 VAC power line input. 2 current ranges: 0-1, 0-3 amperes. Range may be switched under load. For 120 VAC 60 cps. Size: 8 1/2"Hx5 1/4"Wx7"D. TE-264 Kit Shpg. wt., 9 lbs. Net 35.95

Model 1073. As above, but factory wired and tested. TE-265 Net 47.95

EICO Model 1078 similar to Model 1073 with these added characteristics. Operates on 50/60 cps. Current range: 0-2 1/2, 0-7 1/2 amps. TE-266 Kit Net 42.95

Model 1078, as above, but factory wired & tested. TE-267 Net 54.95



ELECTRO MODEL EC-1 DC POWER SUPPLY

A versatile, compact bench-type power supply, only 4 3/4 inches wide. Features: 12V DC output (adjustable), ripple, only 0.5% RMS at 5A, regulation 1.4 volts-amp (no load to full load); Impedance, 1.4 ohms. Panel components include 3-position voltage adjust plus "off" switch, pilot light, wing nut output terminals. Steel cabinet with handle rubber feet. 2-tone finish. For 117V., 50/60 cps. Size: 4 3/4"Wx10 3/4"Hx6 1/2"D. Shpg. wt., 11 lbs. TE-672 NO MONEY DOWN Net 29.95



EC-2 EC-1

ELECTRO MODEL EC-2 POWER SUPPLY

Same as EC-1 except with 0-20V/0-10A edge-type meter and function switch. Specs: DC output 0-16V DC (adjustable). Impedance 1.8 ohms and 1.8 volts/amp (no-load to full load). On-off switch. Insulated binding posts. Size: 4 3/4"Wx10 3/4"Hx6 1/2"D. For 117V. 50/60 cps. Shpg. wt., 10 lbs. TE-673 NO MONEY DOWN Net 39.95

ELECTRO MODEL EC-3 TRANSISTOR PORTABLE RADIO RECEIVER POWER SUPPLY

An outstanding selenium rectifier type power supply for servicing all transistor portable radios. Outstanding features include: a rated output voltage of 0-20 volts, filtered and adjustable with a continuous output current of 150 milli-amperes; can deliver voltages up to 24 volts at 100 ma. A 0-6V fully adjustable bias tap permits operation and servicing of any transistor radio including center-tap (non-transformer) types. Handy edge-wide meter reads either output voltage or output current. Includes color-coded output leads for fool-proof operation; attractive enameled steel cabinet with rubber mounting feet and carrying handle. TE-752 Shpg. wt., 3 lbs. Net 19.95



DON BOSCO TEST EQUIPMENT

"MOSQUITO" SIGNAL INJECTOR



Amazing AF and RF transistorized signal injector has the size of an ordinary fountain pen. Ideal for field, bench and laboratory troubleshooting. Excellent for servicing radios, TV, hearing aids, amplifiers, telephones, ear-phones, tape recorders, cartridges, speakers, etc. Perfect for continuity checks of resistors, capacitors, etc. Provides a 2000 cps test tone and generates radio frequencies on harmonics. Has one penlight battery with average life of about 1 year. Just 6" long. Shpg. wt., 3 oz. TE-498 Net 9.95

NEW! DON BOSCO STETHOTRACER



A pen size, transistorized, self-contained signal tracer. Lightweight—weighs only 1 1/2 ounces including 1.5 volt battery. Frequency range 60 cps to 200 mc; gain 60 db; input impedance 3.5K at 0 attenuation; Harmonic distortion, 5% max.; AC, 1µv; DC volts 250V max. Output voltage 0.3V p-p across 600 ohm load. With earphone, cord, plug, 3 interchangeable attenuator probes, RF detector-demodulator crystal diode probe, ground lead and battery. Size: 5 1/4"Lx1 1/2" dia. Shpg. wt., 3 oz. TE-662 NO MONEY DOWN Net 34.95

VIBROTRACER. Detects minute mechanical vibrations with stethotracer. Frequency range: 200 cps to ultrasonic. Shpg. wt., 3 oz. TE-663 NO MONEY DOWN Net 59.95

CLAROSTAT POWER RESISTOR DECADE MODEL 240C



- Determines known or unknown resistance value by simply dialing
- Provides ohmage values from 1-999,000

A must in electronic work when dealing with known or unknown resistances. Provides a permanent source of resistors in exactly the right value. Consists of 6 resistance decades identically operated in 1 ohm increments to provide readings from 1-999,999 ohms. Determines known or unknown resistances. Tolerance 2% for all decades but No. 1—5%. Max. power dissipation: 1000V DC or 660V AC per decade. Max. current rating from 0.005 amp to 5.0 amps. Uses Clarostat GREEHOHM Wire-wound ceramic resistors supplied with 2-sets of terminals for banana-plug, spade-lug or plain wire connections. Specially designed cabinet provides adequate ventilation. Size: 13Lx8 1/2Dx5 3/8"H. Shpg. wt., 14 lbs. TE-678WX No Money Down Net 110.00

CHEK-IT ELECTRICAL CIRCUIT TESTER



Checks Appliances, Fuses, Switches, with Power Off

Here is a handy pocket size tester which is ideal for servicemen, schools, electricians and hobbyists. Completely portable and simple to use, it checks electrical continuity of line cords, switches, coils etc. A glow light indicates "opens". Its a cinch to check out buzzers, chimes and various electrical appliances with Chek-It. Uses 2 Inexpensive Penlight cells Shpg. wt., 3 oz. TE-754 Chek-It-Less Net 1.49
Battery for "Chek-It" 2 required BA-155 Net ea. .13

BENDIX RADIATION MEASUREMENT SET

Certified by Bendix to Meet or Exceed Office of Civil Defense Mobilization Specifications



- Simple To Use
- Direct Reading
- Pocket Size
- Rugged—Reliable-Portable

1995 Each

1795 Each Lots of 3

Set Includes: Write For Special Prices On Larger Quantities

Bendix CD V-736 Ratemeter (0-120 r/hr)—Indicates precisely how much radiation is present at a given moment
Bendix CD V-746 Dosimeter (0-600 r/hr)—Records total radiation exposure

BENDIX VD V-756 Charger—Charges and retests the Ratemeter and Dosimeter to zero

The Bendix Radiation Measurement Set is extremely simple to use. To read the calibrated scales just hold them up to a light source. The Charger is used to reset the hairline indicators to zero before new readings are taken. The Ratemeter measures the amount of radiation at a given moment. There are two scales: one calibrated from 0-120 r/hr for reading one minute after exposure; the second calibrated from 0-12 r/hr for reading 10 minutes after exposure should the first reading be below 10 r/hr. The Ratemeter may also be used in industry for determining protection in any isotope program. The Dosimeter records total radiation exposure and is calibrated from 0-600 roentgens. TE-666 Complete Set. Shpg. wt., 5 lbs. Net 19.95
Lots of 3, ea. 17.95

SELECTED TEST EQUIPMENT VALUES

COMBINATION SIGNAL GENERATOR AND SIGNAL TRACER

- Signal Generator: 250 KC to 120 MC
- Signal Tracer: Front Panel Output for VTVM, Scope or Probes
- Separate R.F. & Audio Signal Probes
- Uses Rugged Industrial Type Tubes



Two Instruments in One for only

27⁸³

No Money Down

A remarkable value—two service units which can be used separately or in conjunction with each other. Signal generator functions as a full service unit with a range of 250 kilocycles to 120 megacycles. Uses a stable electron coupled R.F. oscillator and has an attenuator for both RF and Audio circuits. All popular frequencies are marked in color. The Signal Tracer uses a high gain cascade preamplifier with front panel outputs for use with VTVM, scope or phones. Low distortion triode output stage with attenuator. Powerful 4 1/2 PM speaker. Separate probes for R.F. and Audio Signal Tracing. Size: 7 1/2 x 9 1/2 x 5 3/4". Shpg. wt., 9 lbs. TE-504 No Money Down Net 27.83

PARALAN IN-CIRCUIT TRANSISTOR TESTER

This amazing instrument can check all types of transistors (including power types), while they are still soldered in their respective circuits! Checks for shorts, open circuits, leakage, oscillation and comparative gain. Will test diodes and rectifiers of all types, and indicate whether a transistor is a PNP or NPN type. The in-circuit transistor checker comes complete with insulated test leads marked "emitter", "base", "collector" and is powered by two standard penlight cells (included). Ready to operate—test leads are connected to their respective transistor elements, and condition of the transistor is shown by neon indicators on front panel. Unit is extremely compact—only 6 1/2 x 3 3/4 x 2 3/4".

TE-502 Shpg. wt., 1 1/2 lbs. Net 15.95
 Replacement batteries for above (2 required) Net ea. .095
 BA-155

TUBE AND CIRCUIT TESTER

29⁹⁵ NO MONEY DOWN

- Tube Checker Checks approximately 2000 Tubes
- Handy VOM For Circuit Testing

Satisfy your every need. Checks approximately 2000 tubes for emission, shorts and leakage. Front panel function switch converts it to a handy volt-ohm meter for circuit testing.

Three voltage ranges for fast circuit testing, either AC or DC—0 to 1200 volts. Measures resistance up to 5 megohms—completely self-contained. Easy to follow set-up booklet included. Clips on back of unit. Measures 7 1/2 x 9 x 3". Shpg. wt., 5 lbs.

TE-679 Net 29.95

KINGSTON PROBEMASTER



A unique test instrument combining the features of a highly versatile probe with a neon checker. Its built-in capacitive network permits bypassing stages, checking open capacitors, isolating defective stages without external signal generator, and elimination of time consuming capacitor substitution. Shpg. wt., 1 lb.

TE-497 Net 4.95

20,000 OHMS-PER-VOLT V.O.M. GIANT 6 1/2" METER

- Giant 6 1/2" Meter
- Mirrored Scale
- Hi-Impact Styrene Case

29³⁵

NO MONEY DOWN



A V.O.M. with laboratory quality features such as a mirrored scale and use of selected resistors to assure accurate reading on all ranges. SPECS: 6 D.C. Voltage ranges 0-3000 volts @ 20,000 ohms per-volt; 6 A.C. voltage ranges, 0-3000 v @ 5,000 ohms-per-volt; 5 resistance ranges, 0-200,000 ohms, 0 to 2/20 megohms; 5 D.C. current ranges 0-7.5 amperes; 3 DB ranges: —6db to +52db. Complete. Fully wired and tested with operating instructions and test leads. Size: 4 1/2 x 6 1/2 x 7 3/4". Shpg. wt., 4 lbs. TE-503 Net 29.35

I. H. 8" TELE-CHECK

- Check TV Yokes & CRTS

44⁹⁵

No Money Down



Model CR-118 is a portable CRT substitution unit ideally suited for home or service shop use. Quickly locates and identifies CRT and Yoke troubles. Completely self-focusing: no ion trap needed. Complete with 8XP4, 90° yoke, 6-foot CRT socket extension leads and anode-yoke connecting leads. For electrostatic or electromagnetic TV receivers. Size 9 x 9 1/2 x 1 1/2". Shpg. wt., 1 1/2 lbs. TE-501 No Money Down Net 44.95

CR-168 same as CR-118 but with 8YP4 and 110° universal yoke. Shpg. wt., 12 lbs. TE-725 No Money Down Net 54.50

Model CR-168S same as CR-168 plus universal test speaker. Shpg. wt., 13 lbs. TE-726 No Money Down Net 64.50

EBY POCKET TESTER

Measures only 3x4x1 1/4", yet this amazing unit is 8 instruments in 1. Measures AC-DC volts from 0-1000 on low range. High (50KV) Range makes it ideal for measuring high voltage. Uses include: T.V. signal tracer, a condenser tester, a variable frequency audio oscillator, AGC substitute voltage supply, a visual output meter for alignment work, and continuity tester. Complete with instructions. Shpg. wt., 3 lbs. TE-626 Net 5.95

EMICO PLUG-IN LINE VOLTAGE TESTER

Pocket-sized low cost AC line voltage tester. Eliminates guesswork. Permits accurate instantaneous check of line voltage AT THE RECEPTACLE. Easy to read black-on-white scale has 5-volt graduations between 50 and 150 volts. Swivel head rotates 90° for ease of reading in any position. 2" meter has a damped movement accurate to within 5% at full scale. Rugged black steel case. Shpg. wt., 8 oz. TE-627 Net 3.37

SPRAGUE TO-5 TELOHMIKE CAPACITOR ANALYZER



A moderately priced instrument for complete analysis of all types of capacitors at a guaranteed accuracy of ± 3% for values to 200 mfd, and ± 5% from 200 mfd. up. Capacitance bridge measures capacity in five ranges from 1 mmf to 2000 mfd, with pushbutton range selection. Large meter directly indicates insulation resistance up to 20,000 megohms for paper, ceramic and mica capacitors. When bridge measures power factor of electrolytic capacitors from 0 to 55%. In three ranges, Leakage current of electrolytic capacitors measured directly on meter, with continuously variable test voltage up to 600 volts. In addition, this unit measures turns ratio of transformers. 8 7/8 x 14 1/2 x 6 1/2". With manual and test leads for 115 V AC/50-60 cycles. TE-490WX Shpg. wt., 18 lbs. Net 92.50
 TO-5X, for 115-230VAC/25-60 cycles.
 TE-491WX Shpg. wt., 18 lbs. Net 98.75
 TO-5RM, same as TO-5 for rack mounts.
 TE-492WX Shpg. wt., 18 lbs. Net 102.50



TEST EQUIPMENT



GCT-9S GRID CIRCUIT TUBE TESTER
 Easy to operate — tests for Grid Emission, leakage, shorts and gas in one operation. Checks all TV tubes. For 105-120V 60 cycle AC. Size 6 1/2 x 6 1/2 x 2 1/2" D. Shpg. wt., 4 lbs. TE-494 Net 34.25

MODEL 100 DYNAMIC TRANSISTOR CHECKER
 Tests PNP and NPN transistors in or out of circuit. Provides positive check for "opens," shorts and gain using indicator lamp. Powered by one 1.5V "C" cell. Size: 3 1/4 x 6 1/4 x 1 1/4" D. Shpg. wt., 1 1/2 lbs. TE-495 Net 19.55

MODEL HC-6 IN-CIRCUIT CURRENT CHECKER

- On The Spot Check of Horizontal Output Circuit
- Compact Size



A "must" in all TV horizontal tube, transformer, or yoke replacement jobs. Built-in 0-300 milliammeter reads cathode current of horizontal output tubes. Two adapters are supplied for testing all currently used horizontal output tubes. Front panel lists tubes that can be checked by each adapter. Prevent premature failure by quickly detecting very high cathode current due to defective components or poor drive and linearity adjustments. Compact, easy to use. Size: 5 x 5 1/2 x 2" D. TE-731 Shpg. wt., 2 lbs. Net 12.69

SECO VARI-VOLT

- Controls Speed of all AC-DC Motors up to 1/2 Horsepower
- Controls Illumination of any Light Source up to 1000 Watts



The Seco Vari-Volt has countless applications in your home or shop. Simple to operate, this voltage control is a complete self-contained unit with separate on-off switch, fuse and control dial. Controls speed of all AC-DC motors up to 1/2 horsepower. Dial controls illumination of any light source to 1000 watts for any desirable illumination. Has standard 3-wire 6-ft. cord and plug-in receptacle with ground terminal. Size: 6 1/4 x 3 3/4 x 2". TE-732 Shpg. wt., 1 1/2 lbs. Net 19.55



AMPROBE TEST INSTRUMENTS



AMPROBE RECORDERS



NEW MINIATURE AMPROBE RECORDERS

The new miniature Amprobe Recorders provide a continuous, permanent record of variations in voltage, current, power, temperature, or pressure as they happen on a pressure-sensitive paper chart. Can be used as either a portable monitoring-and-recording device, or as a built-in component of an instrument system. 2 basic types of meter movements to measure a wide range of DC and AC electrical quantities—Internal-core D'Arsonval and rectified D'Arsonval. Paper size: 2 1/2" wide by 30" long. Paper speed—12" per hour. Complete with hook-up leads, and 1 strip-chart ready for use. For 115V AC-60 cycles. Shpg. wt., 1 1/4 lbs.

Stock No.	Model	Description	Range	Net ea. 1-4 5+
3TE-780	DC100	Microammeter	1/100µa DC	74.85 67.37
3TE-781	DC500	Microammeter	0/500µa DC	69.85 62.87
3TE-782	DB1	Milliammeter	0/1ma DC	69.85 62.87
3TE-783	AA1	Ammeter with A-70	0/10/50/250/500/amp AC	94.85 85.37
3TE-784	AA2	Ammeter with A-60	0/5/25/100/250/amp AC	89.85 80.87
3TE-785	AVIX	Voltmeter	95-130-190-260VAC	84.85 76.37
3TE-786	T100	Temperature Recorder*	-50°/+100°F, +50°/+250°F	98.85 88.97
3TE-787	P600	Pyrometer**	0°/600F	79.85 71.87
3TE-788	P1000	Pyrometer**	0°/1000 F	79.85 71.87
3TE-789	P2000	Pyrometer**	0°/2000 F	79.85 71.87

*with resistance-bulb thermometer **less thermo couples

3TE-790 Model L Carrying Case for any Amprobe Recorder Net 4.50

STRIP-CHARTS FOR RECORDERS

Perforated and Printed 2 colors. Each type contains 6 strip charts

Stk. No.	Type	Description	For Use With	Net ea. 1-4 5+
3TE-795	501DC	50 Division chart paper for DC variables—.2 inches spacing between time lines	DC-100 DB-1 DC-500,	9.00 8.10
3TE-796	5012AA2	Use with recorders AA1 and AA2	AA1, AA2	9.00 8.10
3TE-797	RCV12HX	Use with Recorder AVIX	AVIX	9.00 8.10
3TE-798	2012T1	Use with T-100 on —50°/100°F range	T-100	9.00 8.10
3TE-799	2012T2	Use with T-100 on +50°/+250°F range	T-100	9.00 8.10
3TE-800	3012P600	Use with Recorder P-600	P-600	9.00 8.10
3TE-801	NP-1	Blank charts. Perforated but without printing—for use with any recorder	All Models	9.00 8.10
3TE-802	BL-12	Time Line Only — 2 inches spacing between lines	All Models	9.00 8.10

ACCESSORIES FOR RECORDERS

3TE-791	Model A-60	Current Transducer for use with Model AA-2 recorder	Net 14.50
3TE-792	Model A-70	Current Transducer for use with AA-1 recorder	Net 24.75
3TE-793	Model RBT-1	Resis. Bulb Thermometer for use with T-100	Net 6.50
3TE-794	Model ADV-220	Allows I15 AC recorder to be used on 220V AC	Net 4.81



RS-1-2-3



JUNIORS



A-45



CT-10

"SNAP-AROUND" AC VOLT-AMMETERS ROTARY SCALE AMPROBES

Amprobe meters measure AC current and AC voltage without breaking the circuit. To measure current, snap the trigger-operated jaws around single conductor. Meter instantly indicates correct reading. Use furnished safety leads for voltage measurements. Rotary scale shows only scale in use. Pointer lock "freezes" pointer for subsequent reading of indication. Recessed selector knob permits one-hand operation. Insulated jaws and insulated case provide extra protection. Accurate to ± 3%. Designed for 60 cycle circuits. Have impact-proof cases, unbreakable plastic magnifying meter window. Uses printed circuit design, self-shielded meter movement. Complete with top-grain cowhide leather carrying case and voltage test leads. Shpg. wt., 2 lbs.

AMPROBE RS-1

This meter features six ranges; AC AMPS: 0-5-15-40-100, AC Volts 0-150-600. Measures up to 1 1/2" dia. conductors, to 1 3/8" x 1/2" bars. 7 3/8" long, 2 3/8" wide, 1 1/2" thick. Scale length 2 3/4". Includes genuine top-grain cowhide leather case. TE-607 Shpg. wt., 2 lbs. Net 39.95

AMPROBE RS-2

Same as model RS-1 except has 0-150-300 volts AC range. Shpg. wt., 2 lbs. TE-608 Net 39.85

AMPROBE DELUXE RS-3

Extra versatile probe also includes 0-2000 ohm range, 25 ohms midscale. AC Volts ranges 0-150-300-600, AC AMPS 0-5-15-40-100-300. Includes case, ohmmeter, battery attachment and voltmeter leads. Shpg. wt., 2 lbs. TE-609 Net 52.50

AMPROBE JUNIORS

Lighter duty, smaller versions of standard Amprobes. Will measure up to 1/2" dia. conductors 3/4" long, 1 3/8" thick, 2 1/2" wide. 1.8" long scale. Rugged construction with ribbed, non-slip case. Shpg. wt., 1 lb. for 60 cycle AC. Net 25.50

STOCK NO.	MODEL	AC AMPS	AC VOLTS	NET PRICE
TE-613	Y10	0-10	0-125-250	19.85
TE-614	Y25	0-25	0-125-250	19.85
TE-615	Y50	0-50	0-125-250	19.85
TE-616	Y100	0-100	0-125-250	19.85
TE-617	Y2525	0-25	0-150-600	19.85
TE-618	Y550	0-50	0-150-600	19.85
TE-619	Y000	0-100	0-150-600	19.85

MOOEL A45 AMPROBE ENERGIZER

Line cord adapter for voltage readings and for direct, 5X or 10X sensitivity current reading. TE-620 Net 5.00

AMPROBE CT-10 CABLE TRACER

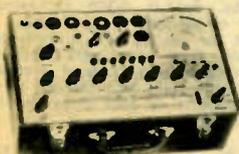
Revolutionary new cable tracer permits searching and identifying up to 10 separate circuits simultaneously (without aid). Numbered panel lights corresponding to station blocks light up to unmistakably identify conductors. Completely self-powered, there's no needless handling of wires. Accommodates all wire sizes: up to #10 directly and clip leads for larger sizes. Rugged case with ribbed sides for easy handling, 10 station markers and 3 alligator clip test leads make up this complete instrument. Battery operated, 1.5 volts. TE-637 Net 39.50

BA-230 Mercury battery for above Net .51

CARRYING CASES

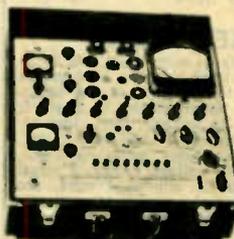
TE-611 Model P1 for all junior models. Shpg. wt., 12 oz. Net 2.85
TE-638 Model TP leather carry case for CT-10 Cable Tracer. Shpg. wt., 14 oz. Net 3.50

DELUXE *Hickok* DYNAMIC TUBE, TRANSISTOR, and DIODE CHECKER



A precision instrument featuring a new leakage and shorts test that checks leakage between tube elements up to 10 megohms. 4-5-6-7 pin octal, loctal, noval, 7 pin miniature and 2 transistor sockets are provided. Three micromhmo scales of 0-3000, 6,000, 15,000 are directly indicated on the meter dial. The large five inch meter is multi-colored, the multi-scaled dial is anti-static coated, and of the wrap-around design to increase light, and allow a wide scale which is easily readable. The meter contains a built in roll chart listing all popular tubes. The tester is quality built throughout and thoroughly engineered to provide the best tube tester value anywhere. Panel is gold anodized with red and black lettering. 16 3/4" W x 11 3/4" L x 7 1/2" D. Shpg. wt., 21 lbs. TE-272WX No Money Down Net 179.50

TUBE and TRANSISTOR TESTERS



MODEL 539C PROFESSIONAL LABORATORY TUBE TESTER

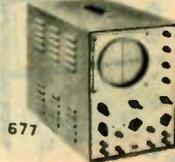
- Checks Novars, Nuvistors, Compactrons
- Six Micromhmo Ranges

Precision Laboratory portable tester for complete, dependable evaluation of electron tubes. Tests Novars, Nuvistors (5 and 7 pin), Compactrons, 10 pin-types. Also tests VR Tubes, selenium rectifiers and germanium diodes. Built-in replaceable roll charts. Features 6 µmhm ranges: 60,000-30,000-15,000-6,000-3,000-600 for accurate Gm testing. 4 AC signals 0.25, 0.5, 1, or 2.5V RMS) for the grid. Metered line voltage check. Measures and heater current in ma, and leakage to 50 megohms. Tests gas content, efficiency of cathode, tube and tube matching. For 110-125 Vac 60 cps. 16 3/4" x 18 3/4" x 7 1/2". Shpg. wt., 35 lbs. TE-302WX No Money Down Net 485.00

SELECTED TEST EQUIPMENT



BF-90



677

High quality 5" wide-band scope designed specifically for color and black-and-white TV Servicing, FM multiplex alignment. — Features include: AC response 5 cps to 4.5 mc within 3 db, pre-set Horizontal and Vertical sweep positions, sharp bright trace with full astigmatic correction built-in peak-to-peak calibrator. With detailed instruction book. Size: 9 1/2" W x 14 1/2" H x 18 1/2" D. TE-307WX Shpg. wt. 30 lbs. Net 199.50

CORNELL DUBILIER "IN CIRCUIT" CAPACITOR CHECKER MOOEL BF-90

Provides the serviceman with a rapid means to quickly determine the condition of a capacitor without removing it from the circuit. An electron ray indicator tube registers open, short, or intermittent conditions for capacitors from 30 mfd to 2000 mfd. Size 5 1/2" x 7 1/2" x 10". TE-628 Shpg. wt., 8 lbs. Net 40.91

SHURITE PANEL METERS—METER RECTIFIERS

SHURITE PANEL METERS



GLASS FRONT
Type 950

CLEAR
PLASTIC
Type 850



GLASS FRONT
Type 550

GLASS FRONT LESS ZERO ADJUST

GLASS FRONT WITH ZERO ADJUST

PLASTIC FRONT TYPE 850

Range	Type 550	Type 950	Net	Type 550	Type 950	Net	Less Zero Adjust	Net	With Zero Adjust	Net
DC MILLIAMMETERS										
0-1				MT-100	MT-114	3.68			MT-128	3.87
0-3L*				MT-101	MT-115	3.38			MT-129	3.58
0-3	MT-102	MT-116	2.79	MT-293	MT-305	3.13	MT-462	2.99	MT-463	3.33
0-5	MT-103	MT-117	2.55	MT-294	MT-306	2.89	MT-130	2.74	MT-317	3.08
0-10	MT-104	MT-118	2.30	MT-295	MT-307	2.64	MT-131	2.50	MT-318	2.84
0-15	MT-105	MT-119	2.11	MT-296	MT-308	2.45	MT-132	2.30	MT-319	2.64
0-25	MT-106	MT-120	2.11	MT-297	MT-309	2.45	MT-133	2.30	MT-320	2.64
0-50	MT-107	MT-121	2.11	MT-298	MT-310	2.45	MT-134	2.30	MT-321	2.64
0-100	MT-108	MT-122	2.11	MT-299	MT-311	2.45	MT-135	2.30	MT-322	2.64
0-150	MT-109	MT-123	2.11	MT-300	MT-312	2.45	MT-136	2.30	MT-323	2.64
0-200	MT-110	MT-124	2.11	MT-301	MT-313	2.45	MT-137	2.30	MT-324	2.64
0-300	MT-111	MT-125	2.11	MT-302	MT-314	2.45	MT-138	2.30	MT-325	2.64
0-400	MT-112	MT-126	2.11	MT-303	MT-315	2.45	MT-139	2.30	MT-326	2.64
0-500	MT-113	MT-127	2.11	MT-304	MT-316	2.45	MT-140	2.30	MT-327	2.64
DC AMMETERS										
0-1	MT-141	MT-156	2.11	MT-328	MT-343	2.45	MT-464	2.30	MT-465	2.64
0-3	MT-142	MT-157	2.11	MT-329	MT-344	2.45	MT-171	2.30	MT-358	2.64
0-5	MT-143	MT-158	2.11	MT-330	MT-345	2.45	MT-172	2.30	MT-359	2.64
0-8	MT-144	MT-159	2.11	MT-331	MT-346	2.45				
0-10	MT-145	MT-160	2.11	MT-332	MT-347	2.45	MT-173	2.30	MT-360	2.64
0-15	MT-146	MT-161	2.11	MT-333	MT-348	2.45	MT-174	2.30	MT-361	2.64
0-25	MT-147	MT-162	2.11	MT-334	MT-349	2.89	MT-175	2.74	MT-362	3.08
0-50	MT-148	MT-163	2.11	MT-335	MT-350	2.89	MT-176	2.74	MT-363	3.08
0-3-0-3	MT-149	MT-164	2.21	MT-336	MT-351	2.89				
5-0-5	MT-150	MT-165	2.21	MT-337	MT-352	2.55				
6-0-6	MT-151	MT-166	2.21	MT-338	MT-353	2.55				
10-0-10	MT-152	MT-167	2.55	MT-339	MT-354	2.89	MT-177	2.74	MT-364	3.08
20-0-20	MT-153	MT-168	2.55	MT-340	MT-355	2.89	MT-178	2.74	MT-365	3.08
30-0-30	MT-154	MT-169	2.55	MT-341	MT-356	2.89	MT-460	2.74	MT-461	3.08
50-0-50	MT-155	MT-170	2.70	MT-342	MT-357	3.04	MT-458	2.89	MT-459	3.23
DC VOLTMETERS										
0-1	MT-179	MT-200	2.11	MT-366	MT-387	2.45				
0-3	MT-180	MT-201	2.11	MT-367	MT-388	2.45	MT-221	2.30	MT-409	2.64
3-0-3	MT-181	MT-202	2.11	MT-368	MT-389	2.45				
0-5	MT-182	MT-203	2.11	MT-369	MT-390	2.45	MT-222	2.30	MT-410	2.64
0-6	MT-183	MT-204	2.11	MT-370	MT-391	2.45				
0-8	MT-184	MT-205	2.11	MT-371	MT-392	2.45	MT-223	2.30	MT-411	2.64
0-10	MT-185	MT-206	2.11	MT-372	MT-393	2.45	MT-224	2.30	MT-412	2.64
0-15	MT-186	MT-207	2.11	MT-373	MT-394	2.45	MT-225	2.30	MT-413	2.64
0-20	MT-187	MT-208	2.11	MT-374	MT-395	2.45	MT-456	2.30	MT-457	2.64
0-25	MT-188	MT-209	2.40	MT-375	MT-396	2.74	MT-226	2.60	MT-414	2.94
0-25H	MT-189	MT-210	2.79	MT-376	MT-397	3.13	MT-466	2.99	MT-471	3.33
0-50	MT-190	MT-211	2.35	MT-377	MT-398	2.89	MT-227	2.55	MT-415	2.89
0-50H	MT-191	MT-212	3.04	MT-378	MT-400	3.38	MT-467	3.23	MT-472	3.58
0-75	MT-192	MT-213	2.40	MT-379	MT-401	2.74				
0-100	MT-193	MT-214	2.40	MT-380	MT-402	2.74				
0-100H	MT-194	MT-215	2.94	MT-381	MT-403	3.28				
0-150	MT-195	MT-216	2.55	MT-382	MT-404	2.89	MT-228	2.74	MT-416	3.08
0-150H	MT-196	MT-217	3.19	MT-383	MT-405	3.53	MT-468	3.38	MT-473	3.72
0-300H	MT-197	MT-218	3.28	MT-384	MT-406	3.62	MT-469	3.48	MT-474	3.82
0-500H	MT-198	MT-219	3.53	MT-385	MT-407	3.87	MT-470	3.72	MT-99	4.07
0-750H	MT-199	MT-220	4.02	MT-386	MT-408	4.36				
RESISTANCE METERS										
10,000 ohms	MT-229	MT-230	2.70	MT-417	MT-418	3.04	MT-231	2.89	MT-419	3.23
MT-447 FLANGE ADAPTER RING FOR ROUND METERS — 2 1/4" BLACK FINISH .18										

ATTENTION INDUSTRIAL USERS!
Special Quantity Discounts on Shurite Meters on This Page
10-24 DEDUCT 10% 25-49 DEDUCT 15%

SHURITE AC METERS GLASS FRONT LESS ZERO ADJUST

RANGE	TYPE 550	TYPE 950	NET	
A.C. MILLIAMMETERS				
0-10	MT-232	MT-238	3.43	
0-25	MT-233	MT-239	3.28	
0-50	MT-244	MT-240	3.28	
0-100	MT-235	MT-241	3.28	
0-250	MT-236	MT-242	3.28	
0-500	MT-237	MT-243	3.28	
A.C. AMMETERS				
0-1	MT-248	MT-255	3.19	
0-3	MT-249	MT-256	3.19	
0-5	MT-250	MT-257	3.10	
0-10	MT-251	MT-258	3.19	
0-15	MT-252	MT-259	3.19	
0-30	MT-253	MT-260	3.28	
0-50	MT-254	MT-261	3.67	
A.C. VOLTMETERS				
0-4	MT-268	MT-278	3.33	
0-6	MT-269	MT-279	3.33	
0-10	MT-270	MT-280	3.33	
0-15	MT-271	MT-281	3.33	
0-25	MT-272	MT-282	3.33	
0-50	MT-273	MT-283	3.68	
0-150	MT-274	MT-284	3.77	
0-300	MT-275	MT-285	4.26	
0-600	MT-276	MT-286	4.80	
0-750	MT-277	MT-287	5.39	
PLASTIC FRONT TYPE 850				
LESS ZERO ADJUST		NET	WITH ZERO ADJUST	
A.C. MILLIAMMETERS				
0-10	MT-448	3.63	MT-449	3.97
0-25	MT-450	3.48	MT-451	3.81
0-50	MT-244	3.48	MT-420	3.81
0-100	MT-245	3.48	MT-421	3.81
0-250	MT-246	3.48	MT-422	3.81
0-500	MT-247	3.48	MT-423	3.81
A.C. AMMETERS				
0-1	MT-452	3.38	MT-453	3.53
0-3	MT-262	3.38	MT-424	3.53
0-5	MT-263	3.38	MT-425	3.53
0-10	MT-264	3.38	MT-426	3.53
0-15	MT-265	3.38	MT-427	3.53
0-30	MT-266	3.48	MT-428	3.81
0-50	MT-267	3.87	MT-429	4.21
A.C. VOLTMETERS				
0-10	MT-288	3.53	MT-430	3.87
0-15	MT-454	3.53	MT-455	3.87
0-25	MT-289	3.53	MT-431	3.87
0-50	MT-290	3.87	MT-432	4.21
0-100	MT-291	3.92	MT-433	4.26
0-150	MT-292	4.46	MT-434	4.21



SHURITE BATTERY TESTERS

Pocket testers with bright plated cases, metal dials, and prods. Sturdily built. Test batteries without load. Ideal for testing batteries used in transistor circuits, model railroads, hearing aids, portable radios, etc. Shpg. wt., 8 ozs.

HEARING AID BATTERY TESTER

Ideal for checking 1.5, 15, 22.5, 30, 33, and 45 volt batteries. Net 3.77

TYPE	RANGE	NET	TYPE	RANGE	NET
MT-435	0-5	2.45	MT-439	0-5-50	3.43
MT-436	0-7	2.45	MT-440	0-7.5-90	3.68
MT-437	0-50	2.94	MT-441	0-2-6	3.68
MT-438	0-2-50	3.43	MT-442	0-2-150	3.77

TYPE	RANGE	NET
MT-443	0-3	2.45
MT-444	0-15	2.45
MT-445	0-40	3.18

SUB-MINIATURE TUNING & BATTERY METER



FOR TRANSISTOR CIRCUITS ONLY 3/4" x 1/2" x 3/4" DEEP

Make your miniature transistor radio a deluxe receiver with this tuning and battery meter. Sensitive 300 μ amp. D'Arsonval movement. Easy to read clearly marked scale — red pointer. Meter has shielded case. Plastic bumpers protect pointer. With hook-up circuit. Scale marked: OFF, TUNE AND BATT. with intermediate graduations. Shpg. wt., 4 ozs. Imported. Net 2.45

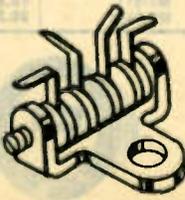
CONANT METER RECTIFIERS



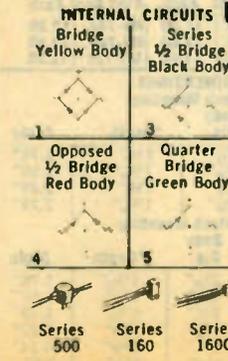
Copper oxide rectifiers for meters and relay circuits. Max. AC input 5 Volts. DC reverse voltage 2.25. Frequency response: Series 500 0-1 MC, others 0-75 MC. Mounting: series 500 6-32 stud, series 160 #2 Screw, series 160C fuse clip. All with 3" leads. Av. shpg. wt., 5 oz.

Stock No.	Conant Type	Series	Int. Circ.	No. Tms.	Forward DC	Output MA	Net DC	Av. MA	Net Ea.
RE-28	M	500	1	4	100	100	2.06		
RE-29	HS	500	3	3	100	50	1.50		
RE-30	T	500	4	3	100	100	1.50		
RE-31	H	500	5	2	100	50	1.18		
RE-32	B	160	1	4	10	10	2.06		
RE-33	BHS	160	3	3	10	5	1.50		
RE-34	BT	160	4	3	10	10	1.50		
RE-35	BH	160	5	2	10	5	1.18		
RE-36	BC	160-C	1	4	10	10	2.06		
RE-37	BHS-C	160-C	3	3	10	5	1.50		

METER RECTIFIER



A full wave, economical meter rectifier of exceptionally linear characteristics. Universal replacement for all multimeters, such as Lafayette's miniature V.O.M.'s. Single screw mount. Long terminals, 5 oz Imported. Net .45



TRIPLETT PANEL METERS

METER SPECIFICATIONS

The panel meter with the quality of distinction Accurate to within 2% of full scale. DC meters employ D'Arsonval moving coil movements; AC types use double-iron repulsion movements. Finest alloy-steel permanent magnets. Jeweled bearings and steel alloy pivots for dependable service. Cushioned ceramic bumpers protect pointer against Overtravel. Easy-to-read black scales on white enamel metal dial faces. Molded black bakelite case. Av. shpg. wt., 1 1/2 lbs.



2 1/2", 3"

GLASS-FRONT PANEL METERS

4 1/2"

LAFAYETTE CAN SUPPLY THE COMPLETE LINE OF TRIPLETT METERS. See chart at bottom of page for meter dimensions.

ATTENTION—INDUSTRIAL BUYERS!
SPECIAL QUANTITY DISCOUNTS
ON TRIPLETT METERS
LOTS OF 10-24 DEDUCT 10%
LOTS OF 25-49 DEDUCT 15%
LOTS OF 50 & UP DEDUCT 20%

DC MICROAMMETERS							
Range	221T 2 1/2" Rnd	227T 2 1/2" Rect	1 to 9 Each	321T 3 1/2" Rnd	327T 3" Rect	1 to 9 Each	420 4 1/2" Rect
0-20	MT-475	MT-476	19.40	MT-477	MT-478	20.00	MT-479
0-50	MT-480	MT-481	16.40	MT-482	MT-483	16.90	MT-484
0-100	MT-485	MT-486	14.30	MT-487	MT-488	14.90	MT-489
0-200	MT-490	MT-491	12.20	MT-492	MT-493	12.90	MT-494
0-500	MT-495	MT-496	11.70	MT-497	MT-498	12.20	MT-499
50-0-50	MT-500	MT-501	14.30	MT-502	MT-503	14.90	MT-504
100-0-100	MT-505	MT-506	12.20	MT-507	MT-508	12.90	MT-509
500-0-500	MT-510	MT-511	10.90	MT-512	MT-513	11.60	MT-514

DC MILLIAMMETERS							
Range	221T 2 1/2" Rnd	227T 2 1/2" Rect	1 to 9 Each	321T 3 1/2" Rnd	327T 3" Rect	1 to 9 Each	420 4 1/2" Rect
0-1	MT-515	MT-516	10.90	MT-517	MT-518	11.60	MT-519
0-1.5	MT-520	MT-521	10.90	MT-522	MT-523	11.60	MT-524
0-3	MT-525	MT-526	10.90	MT-527	MT-528	11.60	MT-529
0-5	MT-530	MT-531	10.90	MT-532	MT-533	11.60	MT-534
0-10	MT-535	MT-536	10.90	MT-537	MT-538	11.60	MT-539
0-15	MT-540	MT-541	10.90	MT-542	MT-543	11.60	MT-544
0-25	MT-545	MT-546	11.30	MT-547	MT-548	12.00	MT-549
0-50	MT-550	MT-551	11.30	MT-552	MT-553	12.00	MT-554
0-75	MT-555	MT-556	11.30	MT-557	MT-558	12.00	MT-559
0-100	MT-560	MT-561	11.30	MT-562	MT-563	12.00	MT-564
0-150	MT-565	MT-566	11.30	MT-567	MT-568	12.00	MT-569
0-200	MT-570	MT-571	11.30	MT-572	MT-573	12.00	MT-574
0-250	MT-575	MT-576	11.30	MT-577	MT-578	12.00	MT-579
0-300	MT-580	MT-581	11.30	MT-582	MT-583	12.00	MT-584
0-400	MT-585	MT-586	11.30	MT-587	MT-588	12.00	MT-589
0-500	MT-590	MT-591	11.30	MT-592	MT-593	12.00	MT-594
0-750	MT-595	MT-596	11.30	MT-597	MT-598	12.00	MT-599
0-1000	MT-600	MT-601	11.30	MT-602	MT-603	12.00	MT-604

DC AMMETERS							
Range	221T 2 1/2" Rnd	227T 2 1/2" Rect	1 to 9 Each	321T 3 1/2" Rnd	327T 3" Rect	1 to 9 Each	420 4 1/2" Rect
0-1	MT-605	MT-606	10.90	MT-607	MT-608	11.60	MT-609
0-3	MT-610	MT-611	10.90	MT-612	MT-613	11.60	MT-614
0-5	MT-615	MT-616	11.80	MT-617	MT-618	12.30	MT-619
0-10	MT-620	MT-621	11.80	MT-622	MT-623	12.30	MT-624
0-15	MT-625	MT-626	11.80	MT-627	MT-628	12.30	MT-629
0-25	MT-630	MT-631	11.80	MT-632	MT-633	12.30	MT-634
0-30	MT-635	MT-636	11.80	MT-637	MT-638	12.30	MT-639
0-50	MT-640	MT-641	11.80	MT-642	MT-643	12.30	MT-644

VOLUME UNIT METERS				
327T 3" Rect	1 to 9 Each	420 4 1/2" Rect	1 to 9 Each	
MT-905	21.00		MT-906*	26.40
MT-907*	23.00		MT-908*	30.00

DECIBEL METERS				
321-T 3 1/2" Round	1 to 9 Each	327T 3" Rect	1 to 9 Each	420 4 1/2" Rect
MT-909	16.80	MT-910	16.80	MT-911
MT-912*	18.00	MT-913*	19.80	MT-914*

**JBT MODEL 31-EX
ELAPSED TIME METER**

Records operating time of AC equipment. Registers in 1/10th hour steps to 9,999.9 hours, then automatically resets. Highly accurate, even where voltage or temperatures vary widely. Flange 3 1/2", mounts in 2 1/4" hole, overall depth 3 3/4". For 110-120v., 60 cycle AC. Shpg. wt., 1 1/4 lbs.

MT-950 Net 15.63

NEW! MODEL 31-EXM ELAPSED TIME METER. For short run applications or readings at closer intervals than 31-EX. Registers in 1/10 minute steps from 0-9,999.9 minutes. Size and dimensions identical with 31-EX.

MT-953 Net 15.63

**JBT AC
FREQUENCY
METERS**

Vibrating reed meters for measuring frequency of AC power sources * in 5-cycle steps; fin 1-cycle steps. ± 0.3% at 77°F. Flange 3 1/2", mounts in 2 1/4" hole, overall depth 3 3/4". For 100-130 volts. Shpg. wt., 12 oz.

MT-951. Model 34-Fx. 56-64 cycles† Net 26.70

MT-952. Model 33-Fx. 380-420 cycles* Net 33.42

AC MILLIAMMETERS							
Range	231S 2 1/2" Rnd	237S 2 1/2" Rect	1 to 9 Each	331S 3 1/2" Rnd	337S 3" Rect	1 to 9 Each	430 4 1/2" Rect
0-10	MT-755	MT-756	11.40	MT-757	MT-758	12.10	MT-759
0-15	MT-760	MT-761	11.40	MT-762	MT-763	12.10	MT-764
0-25	MT-765	MT-766	11.40	MT-767	MT-768	12.10	MT-769
0-50	MT-770	MT-771	11.40	MT-772	MT-773	12.10	MT-774
0-100	MT-775	MT-776	11.40	MT-777	MT-778	12.10	MT-779
0-200	MT-780	MT-781	11.40	MT-782	MT-783	12.10	MT-784
0-250	MT-785	MT-786	11.40	MT-787	MT-788	12.10	MT-789
0-500	MT-790	MT-791	11.40	MT-792	MT-793	12.10	MT-794

AC AMMETERS							
Range	231S 2 1/2" Rnd	237S 2 1/2" Rect	1 to 9 Each	331S 3 1/2" Rnd	337S 3" Rect	1 to 9 Each	430 4 1/2" Rect
0-1	MT-795	MT-796	11.40	MT-797	MT-798	12.10	MT-799
0-2	MT-800	MT-801	11.40	MT-802	MT-803	12.10	MT-804
0-3	MT-805	MT-806	11.40	MT-807	MT-808	12.10	MT-809
0-5	MT-810	MT-811	11.40	MT-812	MT-813	12.10	MT-814
0-10	MT-815	MT-816	11.40	MT-817	MT-818	12.10	MT-819
0-15	MT-820	MT-821	11.40	MT-822	MT-823	12.10	MT-824
0-25	MT-825	MT-826	11.40	MT-827	MT-828	12.10	MT-829
0-30	MT-830	MT-831	11.40	MT-832	MT-833	12.10	MT-834
0-50	MT-835	MT-836	11.40	MT-837	MT-838	12.10	MT-839
0-75				MT-842	MT-843	13.30	MT-844

AC VOLTMETERS							
Range	231S 2 1/2" Rnd	237S 2 1/2" Rect	1 to 9 Each	331S 3 1/2" Rnd	337S 3" Rect	1 to 9 Each	430 4 1/2" Rect
0-1.5	MT-845	MT-846	11.40	MT-847	MT-848	12.10	MT-849
0-3	MT-850	MT-851	11.40	MT-852	MT-853	12.10	MT-854
0-5	MT-855	MT-856	11.40	MT-857	MT-858	12.10	MT-859
0-10	MT-860	MT-861	11.40	MT-862	MT-863	12.10	MT-864
0-15	MT-865	MT-866	11.40	MT-867	MT-868	12.10	MT-869
0-25	MT-870	MT-871	11.40	MT-872	MT-873	12.10	MT-874
0-50	MT-875	MT-876	11.40	MT-877	MT-878	12.10	MT-879
0-100	MT-880	MT-881	11.40	MT-882	MT-883	12.10	MT-884
0-150	MT-885	MT-886	12.50	MT-887	MT-888	13.10	MT-889
0-250	MT-890	MT-891	13.10	MT-892	MT-893	13.80	MT-894
0-300	MT-895	MT-896	13.80	MT-897	MT-898	14.30	MT-899
0-500	MT-900	MT-901	17.80	MT-902	MT-903	18.50	MT-904

DC VOLTMETERS							
Range	221T 2 1/2" Rnd	227T 2 1/2" Rect	1 to 9 Each	321T 3 1/2" Rnd	327T 3" Rect	1 to 9 Each	420 4 1/2" Rect
0-1*	MT-645	MT-646	11.80	MT-647	MT-648	12.30	MT-649
0-3*	MT-650	MT-651	11.80	MT-652	MT-653	12.30	MT-654
0-5*	MT-655	MT-656	11.80	MT-657	MT-658	12.30	MT-659
0-10	MT-660	MT-661	11.80	MT-662	MT-663	12.30	MT-664
0-15	MT-665	MT-666	11.80	MT-667	MT-668	12.30	MT-669
0-25	MT-670	MT-671	11.80	MT-672	MT-673	12.30	MT-674
0-50	MT-675	MT-676	11.80	MT-677	MT-678	12.30	MT-679
0-100	MT-680	MT-681	11.80	MT-682	MT-683	12.30	MT-684
0-150	MT-685	MT-686	11.80	MT-687	MT-688	12.30	MT-689
0-200	MT-690	MT-691	11.80	MT-692	MT-693	12.30	MT-694
0-250	MT-695	MT-696	11.80	MT-697	MT-698	12.30	MT-699
0-300	MT-700	MT-701	11.80	MT-702	MT-703	12.30	MT-704
0-500	MT-705†	MT-706†	14.80	MT-707	MT-708	13.00	MT-709
0-750	MT-710†	MT-711†	17.20	MT-712	MT-713	13.00	MT-714
0-1000+	MT-715	MT-716	14.90	MT-717	MT-718	15.50	MT-719
0-2000+	MT-720	MT-721	15.50	MT-722	MT-723	16.20	MT-724
0-3000+	MT-725	MT-726	16.20	MT-727	MT-728	16.80	MT-729
0-4000+	MT-730	MT-731	16.50	MT-732	MT-733	17.20	MT-734
0-5000+	MT-735	MT-736	16.80	MT-737	MT-738	17.50	MT-739

DC MILLIVOLTMETERS							
Range	221T 2 1/2" Rnd	227T 2 1/2" Rect	1 to 9 Each	321T 3 1/2" Rnd	327T 3" Rect	1 to 9 Each	420 4 1/2" Rect
0-50	MT-740	MT-741	10.90	MT-742	MT-743	11.80	MT-744
0-100	MT-745	MT-746	10.90	MT-747	MT-748	11.80	MT-749
0-150	MT-750	MT-751	10.90	MT-752	MT-753	11.80	MT-754

METER DIMENSIONS				
Round Flush Mounting				
Mod.	Flange	Body Dia.	*Depth	Scale
221-T	2 1/16"	2 1/2"	1 5/8"	1.76"
231-S	2 1/8"	2 3/4"	1 3/4"	1.58"
321-T	3 1/2"	2 3/4"	1 5/8"	2.49"
331-S	3 1/2"	2 3/4"	1 3/4"	2.22"
Rectangular Flush Mounting				
Mod.	Flange	Body Dia.	*Depth	Scale
227-T	2 3/8 x 2 3/8"	2 3/8"	1 1/8"	1.76"
237-S	2 3/8 x 2 3/8"	2 3/8"	1 3/8"	1.58"
327-T	3 x 3"	2 3/4"	1 1/8"	2.49"
337-S	3 x 3"	2 3/4"	1 3/8"	2.22"
420	4 5/8 x 4 1/4"	2 3/4"	1 5/8"	4.14"
430	4 5/8 x 4 1/4"	2 3/4		

TRIPLET TYPE PL PLASTIC-FRONT METERS

TRIPLET TYPE PL PLASTIC-FRONT METERS

Attractive panel meters with unbreakable plastic fronts featuring extra scale length, greatly improved visibility and maximum protection of meter face. Accuracy within 2% of full scale. DC types employ sensitive D'Arsonval movements; AC types use double-iron repulsion movements. Can withstand severe vibration. Avg. shpg. wt., 1 1/2 lbs. Include range and model no. when ordering.



THIS IS A PARTIAL LISTING. PL PANEL METERS ARE AVAILABLE IN ALL GLASS-FRONT PANEL METER RANGES.

QUANTITY PRICES
 LOTS OF 10-24 DEDUCT 10%
 LOTS OF 25-49 DEDUCT 15%
 LOTS OF 50-UP DEDUCT 20%

DC MICROAMMETERS

Range	221-PL 2 1/2" Round	227-PL 2 1/2" Rect.	1 to 9 Each	321-PL 3 1/2" Round	327-PL 3" Rect.	1 to 9 Each	420-PL 4 1/2" Rect.	1 to 9 Each
0-50	MT-915	MT-916	16.40	MT-917	MT-918	16.90	MT-919	18.20
0-100	MT-920	MT-921	14.30	MT-922	MT-923	14.90	MT-924	16.10
0-200	MT-925	MT-926	12.20	MT-927	MT-928	12.90	MT-929	14.10

DC MILLIAMMETERS

Range	MT-930	MT-931	10.90	MT-932	MT-933	11.60	MT-934	12.80
0-1	MT-930	MT-931	10.90	MT-932	MT-933	11.60	MT-934	12.80
0-25	MT-935	MT-936	11.30	MT-937	MT-938	12.00	MT-939	13.20
0-50	MT-940	MT-941	11.30	MT-942	MT-943	12.00	MT-944	13.20
0-100	MT-945	MT-946	11.30	MT-947	MT-948	12.00	MT-949	13.20
0-150	MT-955	MT-956	11.30	MT-957	MT-958	12.00	MT-959	13.20
0-200	MT-960	MT-961	11.30	MT-962	MT-963	12.00	MT-964	13.20
0-300	MT-965	MT-966	11.30	MT-967	MT-968	12.00	MT-969	13.20
0-500	MT-970	MT-971	11.30	MT-972	MT-973	12.00	MT-974	13.20

DC AMMETERS

Range	MT-975	MT-976	11.80	MT-977	MT-978	12.30	MT-979	13.50
0-5	MT-975	MT-976	11.80	MT-977	MT-978	12.30	MT-979	13.50
0-10	MT-980	MT-981	11.80	MT-982	MT-983	12.30	MT-984	13.50
0-25	MT-985	MT-986	11.80	MT-987	MT-988	12.30	MT-989	13.50
0-50	MT-990	MT-991	11.80	MT-992	MT-993	12.30		

DC VOLTMETERS

1000 ohms per volt — Film-Type Multiplier Resistors.

Range	MT-994	MT-995	11.80	MT-996	MT-997	12.30	MT-998	13.50
0-50	MT-994	MT-995	11.80	MT-996	MT-997	12.30	MT-998	13.50

AC MILLIAMMETERS

Range	231-PL 2 1/2" Round	237-PL 2 1/2" Rect.	1 to 9 Each	331-PL 3 1/2" Round	337-PL 3 1/2" Rect.	1 to 9 Each	430-PL 4 1/2" Rect.	1 to 9 Each
0-100	MT-999	MU-10	11.40	MU-11	MU-12	12.10	MU-13	12.80

AC AMMETERS

Range	MU-14	MU-15	11.40	MU-16	MU-17	12.10	MU-18	12.80
0-5	MU-14	MU-15	11.40	MU-16	MU-17	12.10	MU-18	12.80
0-10	MU-19	MU-20	11.40	MU-21	MU-22	12.10	MU-23	12.80
0-25	MU-24	MU-25	11.40	MU-26	MU-27	12.10	MU-28	12.80
0-50	MU-29	MU-30	11.40	MU-31	MU-32	12.10	MU-33	12.80

AC VOLTMETERS

Range	MU-34	MU-35	11.40	MU-36	MU-37	12.10	MU-38	12.80
0-50	MU-34	MU-35	11.40	MU-36	MU-37	12.10	MU-38	12.80
0-150	MU-39	MU-40	12.50	MU-41	MU-42	13.10	MU-43	13.80
0-300	MU-44	MU-45	13.80	MU-46	MU-47	14.30	MU-48	15.00

VOLUME UNIT METERS

3900 ohms impedance. 1 milliwatt. Ref. level for 600 ohm line.

Model No	321-PL 3 1/2" Round	1 to 9 Each	420-PL 4 1/2" Rect.	1 to 9 Each
	MU-49	21.00	MU-50	26.40

DECIBEL METERS

Range up 6 down 10db. Zero db = 1.73 volts. Reference level 6 milliwatts. Calibrated for 500 ohm line. Internal resistance 5000 ohms.

Model No	321-PL 3 1/2" Round	1 to 9 Each	420-PL 4 1/2" Rect.	1 to 9 Each
	MU-51	16.80	MU-52	18.80

PL METER DIMENSIONS

Model No	Flange	Body Dia.	Depth	Scale
221-PL*	2 1/4"	2 3/4"	1"	2.197"
227-PL+	2 1/2" x 2 3/8"	2 3/4"	1 1/8"	2.197"
231-PL*	2 1/4"	2 3/4"	1"	1.92"
237-PL+	2 1/2" x 2 3/8"	2 3/4"	1 1/8"	1.92"
321-PL*	3 1/2"	2 3/4"	1"	3.11"
327-PL+	3 3/8" x 3 1/8"	2 3/4"	1 1/8"	3.11"
331-PL*	3 1/2"	2 3/4"	1"	2.65"
337-PL+	3 3/8" x 3 1/8"	2 3/4"	1 1/8"	2.65"
420-PL+	4 5/8" x 4 1/4"	2 3/4"	1 1/4"	4.14"

* Round + Rect.

SIMPSON WIDE-VUE PANEL METERS



Extra large face. All DC meters (except 0-25 and 0-50 DC microammeters) have self-shielded Core Magnet. Is not influenced by steel or proximity to magnetic fields. Accuracy 2%, except VU meters 5%. Shpg. wt., 1 1/2 lbs.

SPECIAL QUANTITY PRICES

WRITE FOR QUOTATION IN LOTS OF 10 AND 25

AC VOLTMETERS

Range	Resistance Ohms	1257 2 1/2" MU-75	1 to 9 Each 12.05	1357 3 1/2" MU-76	1 to 9 Each 12.35	1359 4 1/2" MU-77	1 to 9 Each 14.11
0-10	133	MU-75	12.05	MU-76	12.35	MU-77	14.11
0-150	25,000	MU-78	12.79	MU-79	13.67	MU-80	14.70
0-300	50,000	MU-81	12.79	MU-82	13.67	MU-83	14.70

AC AMMETERS — SELF-CONTAINED

Range	Resistance Ohms	MU-84 <th>1 to 9 Each</th> <th>MU-85 <th>1 to 9 Each</th> <th>MU-86 <th>1 to 9 Each</th> </th></th>	1 to 9 Each	MU-85 <th>1 to 9 Each</th> <th>MU-86 <th>1 to 9 Each</th> </th>	1 to 9 Each	MU-86 <th>1 to 9 Each</th>	1 to 9 Each
0-1	.287	MU-84	12.20	MU-85	14.26	MU-86	14.26
0-5	.012	MU-86	12.20	MU-87	14.26	MU-88	14.26
0-10	.003	MU-88	12.20	MU-89	14.26	MU-90	14.26
0-15	.0015	MU-90	12.20	MU-91	14.26	MU-92	14.26
0-25	.0003	MU-92	12.64	MU-93	14.70	MU-94	14.70
0-50	.0001	MU-94	12.64	MU-95	14.70		

DC GALVANOMETER

Scale	Sensitivity Microamps	1227C 500-0-500	1 to 9 Each 12.64	1327 3 1/2" MU-97	1 to 9 Each 19.38
50-0-50		1227C	12.64	1327	19.38

DECIBEL METER REFERRED TO 6 MW 500 OHM LINE

Type	Resistance 3000 ohms	1347 3 1/2" MU-98	1 to 9 Each 19.21	1349 4 1/2" MU-99	1 to 9 Each 19.84
General Purpose		1347	19.21	1349	19.84

VU METERS REFERRED TO 1 MW, 600 OHM LINE

Type	Range	1347 3 1/2" MU-100	1 to 9 Each 22.05
A Scale	—20 + 3 VU on top arc	1347	22.05
B Scale	—20 + 3 VU on bot. arc	MU-101	22.05

DC VOLTMETERS

Range	Resistance Ohms	1227C 2 1/2" MU-102	1 to 9 Each 13.52	1327C 3 1/2" MU-103	1 to 9 Each 13.96	1329C 4 1/2" MU-104	1 to 9 Each 15.43
0-10		MU-102	13.52	MU-103	13.96	MU-104	15.43
0-15		MU-105	13.52	MU-106	13.96	MU-107	15.43
0-25		MU-108	13.52	MU-109	13.96	MU-110	15.43
0-30		MU-111	13.52	MU-112	13.96	MU-113	15.43
0-50	1000/volt	MU-114	13.52	MU-115	13.96	MU-116	15.43
0-100		MU-117	13.52	MU-118	13.96	MU-119	15.43
0-150		MU-120	13.52	MU-121	13.96	MU-122	15.43
0-300		MU-123	13.52	MU-124	13.96	MU-125	15.43
0-500	2000/volt	MU-126	13.96	MU-127	14.70	MU-128	15.87

DC AMMETERS — SELF-CONTAINED SHUNTS

Range	Resistance Ohms	MU-129 <th>1 to 9 Each</th> <th>MU-130 <th>1 to 9 Each</th> </th>	1 to 9 Each	MU-130 <th>1 to 9 Each</th>	1 to 9 Each
0-1	.050	MU-129	13.38	MU-130	14.70
0-2	.025	MU-131	13.38	MU-132	14.70
0-3	.0166	MU-133	13.38	MU-134	14.70
0-5	.010	MU-135	12.79	MU-136	13.38
0-10	.005	MU-138	12.79	MU-139	13.38
0-15	.0033	MU-141	13.38	MU-142	14.70
0-25	.002	MU-143	13.38	MU-144	14.70
0-50	.001	MU-145	13.38	MU-146	14.70

DC MICROAMMETERS

Range	Resistance Ohms	1227C 2 1/2" MU-147	1 to 9 Each 18.81	1327C 3 1/2" MU-148	1 to 9 Each 19.64	1329C 4 1/2" MU-149	1 to 9 Each 21.75
0-25	2200	MU-147	18.81	MU-148	19.64	MU-149	21.75
0-50	2000	MU-150	16.32	MU-151	16.76	MU-152	18.06
0-100	2000	MU-153	14.70	MU-154	15.29	MU-155	17.05
0-200	1000	MU-156	13.38	MU-157	13.96	MU-158	15.43
0-300	200	MU-159	13.23	MU-160	13.67	MU-161	14.85
0-500	2000	MU-162	14.85	MU-163	15.43	MU-164	17.20

DC MILLIAMMETERS

Range	Resistance Ohms	MU-165 <th>1 to 9 Each</th> <th>MU-166 <th>1 to 9 Each</th> <th>MU-167 <th>1 to 9 Each</th> </th></th>	1 to 9 Each	MU-166 <th>1 to 9 Each</th> <th>MU-167 <th>1 to 9 Each</th> </th>	1 to 9 Each	MU-167 <th>1 to 9 Each</th>	1 to 9 Each
0-1	46	MU-165	12.64	MU-166	13.23	MU-167	13.96
0-5	23	MU-168	12.64	MU-169	13.23	MU-170	13.96
0-10	7	MU-171	12.64	MU-172	13.23	MU-173	13.96
0-25	2	MU-174	12.98	MU-175	13.52	MU-176	14.70
0-50	1	MU-177	12.93	MU-178	13.52	MU-179	14.70
0-100	1.5	MU-180	12.93	MU-181	13.52	MU-182	14.70
0-150	1	MU-183	12.93	MU-184	13.52	MU-185	14.70
0-200	.75	MU-186	12.93	MU-187	13.52	MU-188	14.70
0-250	.60	MU-189	12.93	MU-190	13.52	MU-191	14.70

LAFAYETTE QUALITY PANEL METERS

SQUARE PANEL METERS



FIG. A

- High Quality D'Arsonval Movements
- Accuracy 2% of Full Scale
- 3/8" sq., only 1 3/16" Overall Behind Panel
- Bakelite Cases
- Jewelled Bearings



FIG. B

GENERAL SPECIFICATIONS

High quality, precision built meters with better than 2% of full scale accuracy. 3/8" square, 2 1/4 x 1 3/16" dial faces, 1 1/4" overall depth, 1 1/4" behind panel including terminals. Require 2 1/4" diameter mounting hole, 1/4" screw terminals plus solder lugs, 4 threaded mounting studs in corners. Zero adjust screw. Shpg. wt., 1 lb. Imported.

ILLUMINATED SCALE VU METER (FIG. A)

CLEAR PLASTIC FRONT METER — Standard 3900 ohm "A" scale volume indicator calibrated and damped in accordance with standard VU meter practical lower scale reads 0-100% modulation, upper scale reads —20 to +3 VU (0 VU corresponds to 100%) Accurate to ±0.2 VU from 35-10,000 cps, ±0.5 VU from 30-15,000 cps. With suddenly applied sine wave signal, meter will reach 99% of correct reading within 0.3 seconds; overshoot beyond correct reading is 1 to 1 1/2%. A root-mean-square instrument with full wave bridge rectifier, includes built-in 6-8 volt bulb. Complete with instructions. Imported.

Net 6.75

0-50 DC MICROAMMETER (FIG. B)

0-50 DC MICROAMMETER — Highly damped, sensitive movement, calibrated in 50 one-microamp linear scale divisions. Cushioned ceramic bumpers protect pointer against overtravel and damage with moderate overloads. Red pointer. Black Bakelite Front. Imported.

Net 5.95

0-1 DC MILLIAMMETER (FIG. B)

0-1 DC MILLIAMMETER — Sensitive, quick-acting basic movement. Linear calibrations in .02 ma. divisions. Black scale, red pointer. Black, Bakelite Front. Imported

Net 3.25

0-150 AC VOLTMETER (FIG. B)

0-150 AC VOLTMETER — Full-wave bridge rectifier type. 1000 ohms per volt. With precision carbon-film multiplier resistor. 5 volts per division, linear scale. Black Bakelite Front. Imported.

Net 3.55

ULTRA-MINIATURE TUNING AND BATTERY METER



ONLY 3/16" IN DIA., 3/4" IN LENGTH

195

This ultra-miniature meter can be installed easily in a 3/4" diameter hole. Its total length (front to back, including lugs for connections) is 3/4" and its reading face is circular, 1/2" in diameter (taking up an area of less than 1/2 square inch!) Current sensitivity: 200 Ma. Internal resistance: 320 ohms ± 10%. Shpg. wt., 3 oz. Imported.

TM-27

Net 1.95

EDGE-WISE PANEL METERS



VU METER



0-150 AC



0-1 DC

- 2% FULL SCALE ACCURACY
- PRECISION D'ARSONVAL MOVEMENTS
- FRONT PANEL AREA ONLY 3/4x1"

For use where panel space is limited. Requires about 1/2 the panel area of conventional 2 1/2" meters. Lightweight; only 10 ozs. Has precision D'Arsonval meters with 2% or better full scale accuracy. Front panel dimension is 3/4x1". Overall depth is 3/2" behind panel including terminals. Has stud-type solder terminals and zero adjustment screw. Shpg. wt., 3/4 lbs. Imported

VU METER

VU METER—Calibrated and damped in accordance with standard VU meter practice. Upper scale reads —20 to +3 VU. Lower scale reads 0-100% modulation. Accurate to ±0.5 VU from 30-15,000 cps. Imported

TM-23

Net 5.95

0-150 AC VOLTMETER

0-150 AC VOLTMETER—Full-wave bridge rectifier type. 1000 ohms per volt. 5 volts per division, linear scale. Imported.

TM-22

Net 4.75

0-1 DC MILLIAMMETER

0-1 DC MILLIAMMETER—CALIBRATED from 0-1 ma in 0.02 ma. divisions. Black scale, red pointer. Imported

TM-21

Net 4.75

Miniature PANEL METERS

- D'ARSONVAL MOVEMENTS
- BAKELITE CASES • JEWELLED BEARINGS
- 1 1/4" AND 1 3/8" SQ. FACES, 1 1/4" OVERALL BEHIND PANEL • ACCURACY 2% OF FULL SCALE

Ruggedly built miniature panel meters with excellent accuracy. Silvered dials and black numerals and pointers. Accuracy 2% of full scale, 1 1/4" square fronts, 1 1/2" overall front-to-back, with 1 1/4" behind panel including 1/4" terminals. Require 1 1/4" diameter round hole in panel, 4 corner holes with 1 1/4" center. Terminal polarity on DC models clearly marked. Zero adjustment screw on front of panel. Screw terminals. All have clear plastic front except which have black Bakelite. Clear plastic meters have 1 3/8" dial faces, supplied with mounted screws. Black Bakelite have 1 1/4" faces. Shpg. wt., 8 oz. Imported

ILLUMINATED VU METER

VU METER — Illuminated dial for easy, wide-angle readability at all times. Volume level indicator, calibrated in standard —20 to +3 VU and 0-100% ranges. Uses precision carbon film multiplier resistor and full wave rectifier. Damped in accordance with standard VU meter requirements. Reference level 1 mw in 600 ohm line. 3,900 ohms internal resistance. "0" VU is 1.228 volts sine wave AC across meter connected to 600 ohm source with 600 ohm load. May be used with T-pad attenuator. 0-100% scale used to indicate percent use of transmitter output. Imported

TM-10

Net 3.95

DC MILLIAMMETERS

TM-400	0-1 DC	MILLIAMPERES	Net 2.95
TM-401	0-5 DC	MILLIAMPERES	Net 2.95
TM-402	0-50 DC	MILLIAMPERES	Net 2.95
TM-403	0-100 DC	MILLIAMPERES	Net 2.95

DC MICROAMMETER

TM-200	0-50 DC	MICROAMPERES	Net 4.45
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AMMETERS

TM-510	50-0-50 DC	AMPERES	Net 3.45
TM-511	0-10 DC	AMPERES	Net 2.75

VOLTMETERS

TM-100	0-15 DC	VOLTS	Net 2.75
TM-101*	0-200 DC	VOLTS	Net 2.75
TM-300	0-150 AC	VOLTS	Net 2.75
TM-301	0-300 AC	VOLTS	Net 2.75

MINIATURE FM & AM TUNING METERS

TM-24 EDGEWISE

BALANCE & TUNING METER

- Mounts Anywhere—2 3/8" Wx1 3/8" Dx1 3/8" H Overall.

Use these precision moving coil DC Ammeter meter movements as stereo balance indicators or as tuning indicators for FM tuners. Pointer at center of the scale indicates zero or null position. Current Sensitivity: ± 100µa. Complete with installation schematics. Shpg. wt., 1 lb. Imported

TM-24

Net 2.50

- GALVANOMETER MOVEMENT
- 50 µA SENSITIVITY
- FRONT PANEL AREA ONLY 7/8x3/4"

Miniature FM and AM tuning meters can be easily installed on any tuners. The remarkable sensitivity enables you to tune in stations with surprising ease. Galvanometer movement of the indicator assures complete accuracy. Despite its miniature size, the tuning meter is ruggedly built. Insulation resistance between case and terminals: 20 megohms/500 V. Solder lugs are provided at the back. Plastic case cover. Complete with instruction sheets. Size: 7/8x3/4x1". Shpg. wt., 4 ozs.

FM TUNING METER

FM TUNING METER. Can be connected between radio detector and AF amplifier. The indicator will rest in the center when station is tuned in. Current sensitivity ±50 microamps DC. Internal resistance about 430 ohms. Imported

TM-13

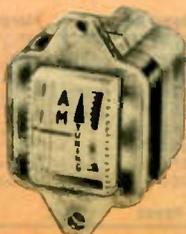
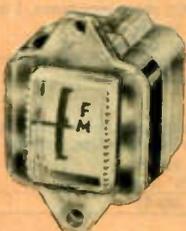
Net 2.50

AM TUNING METER

AM TUNING METER. Can be connected into the second IF stage of AM radio. Graduated scale with maximum deflection of pointer indicating station being tuned in. Imported

TM-12

Net 2.50



LAFAYETTE Factory wired and calibrated TEST INSTRUMENTS for dependable electronic servicing.

Perfect for Engineers, Servicemen, Students and Experimenters



SINE SQUARE WAVE AUDIO GENERATOR

32⁵⁰
NO MONEY DOWN

- FACTORY CALIBRATED AND TESTED • LOW DISTORTION • FREQUENCY RANGE - SINE: 20 cps—200 KC IN 4 BANDS; SQUARE WAVE RANGE: 20-25 KC (Vernier Tuned) • ETCHED CIRCULAR DIAL • FREQUENCY RESPONSE - $\pm 1.5\text{DB}$, 60CPS - 150KC $4\frac{1}{2}$ " VERNIER DIAL

The Lafayette TE-22 is especially designed for radio-TV servicemen, HI-Fi fans and students who require a dependable sine and square wave generator at low prices. An outstanding instrument . . . factory wired, tested and calibrated. Among its many applications are square wave testing of audio amplifiers, determining the frequency and transient response of loudspeakers, TV audio circuit testing and many other uses. Quality features and specifications consist of a frequency range of 20 cps to 200,000 cycles in 4 bands. A large easy-to-read and set etched dial (vernier tuned) adds a professional quality touch. Variable attenuator adjusts amplitude of output signal. A full wave power supply is incorporated to provide low distortion and constant output. Factory wiring and calibration insure accuracy of $\pm 3\%$. Output voltage is 7 volts across a 1 megohm load. Rugged steel cabinet and shock-proof mountings protect components. Complete with instructions and test leads. For 117 V 50/60 cps AC. Size: $10\frac{1}{2}\text{Wx}7\frac{1}{2}\text{Hx}5\frac{3}{8}\text{D}$. Shpg. wt., 10 lbs. Imported.

TE-22

Net 32.50

SPECIFICATIONS

- Frequency range: Sine wave: 20-200,000 cps in 4 bands.
Square wave—60-30,000 cps.
Output Voltage—Sine: 7V RMS; Square 7V P-P.
Output Impedance—0-5000 Ohms. Frequency Accuracy: $\pm 3\%$.
Distortion: Less than 2%.
Tube Complement: 1-6BM8, 1-12AT7, 1-6X4.
Power requirements: 117V 50/60 cps, 19W.
Gray wrinkle steel case with leather carrying handle.
Complete with a pair of test leads.
Size: $7\text{Hx}10\frac{1}{2}\text{Wx}5\frac{3}{8}\text{D}$. Shpg. wt., 10 lbs.



RF SIGNAL GENERATOR

27⁹⁵
FOR BUDGET TERMS
SEE PAGE 412

- FACTORY CALIBRATED AND TESTED • SIX BANDS: 120 KC - 260 MC
- DUAL OUTPUT RF TERMINALS • SEPARATE VARIABLE AUDIO OUTPUT
- DIAL CALIBRATION $\pm 2\%$ • ETCHED CIRCULAR DIAL - (Vernier Tuned)

An outstanding instrument . . . factory wired, tested and calibrated. The TE-20 is a stable, wide-range signal generator engineered to fill the need for an accurate low cost service instrument. The delicate oscillator coils and tuning assembly are factory mounted and adjusted for optimum performance. This top-flight unit can be used for IF-RF alignment, audio signal tracing of TV, FM and AM sets, TV linearity checks and 400 cycle audio testing. In addition, it can serve as a marker generator when used with a suitable sweep generator. Incorporates a large $4\frac{1}{4}$ " etched circular dial for easy, accurate frequency adjustments. Provides a fundamental frequency output of 120 KC to 130 MC in 6 bands plus a calibrated harmonic output of 120 mc to 260 MC. The built-in audio oscillator operates at 400 KC with adjustable output to 8 volts. Continuously variable RF attenuator for proper signal attenuation and two plug-in RF output terminals provide a choice of high and low outputs for maximum flexibility. High output and tuning dial calibration of $\pm 2\%$. Imported

TE-20

Net 27.95

SPECIFICATIONS

- Full frequency range: 6 Fundamental bands—120-320 Kc 320-1000 Kc.
1-3.4 MC, 3.2-11 MC, 11-38 MC, 36-130 MC; One harmonic band 120-260 MC.
Frequency Accuracy: $\pm 2\%$. Audio Output: to 8 volts.
Large $4\frac{1}{4}$ " Etched Circular Dial (Vernier tuned)
High-Low RF Output Terminals.
Tube Complement: 12BH7A, 6AR5, Selenium Rectifier.
Power Requirements: 105-125VAC 50/60 Cps., 12 Watts.
Attractive gray wrinkle steel case with leather carrying handle.
Complete with test leads. Size: $7\text{Hx}10\frac{1}{2}\text{Wx}5\frac{3}{8}\text{D}$. Shpg. wt., 9 lbs.



Famous LAFAYETTE TEST EQUIPMENT KITS

LAFAYETTE COMBINATION SIGNAL GENERATOR AND SIGNAL TRACER KIT

Another Outstanding Achievement by Lafayette Test Equipment Engineers

SEMI-KIT CONSTRUCTION!!! This unit uses proven semi-kit construction with all major components premounted and tested at the factory.



MADE IN U.S.A.

KT-208

ONLY

22⁹⁵

NO MONEY DOWN
\$5 monthly

SIGNAL GENERATOR

- Covers From 250 KC to 120 MC in 5 Bands
- High Stability Electron Coupled Oscillator
- Attenuator For Both RF and Audio Circuits
- Most Used Frequencies Marked on Panel in Color
- Utilizes New Ruggedized Industrial Types Tubes

Two test instruments in one! And available in easy-to-build kit form. The Signal Generator will serve as a full service instrument and the Signal Tracer will follow any signal whether generated by a broadcasting station or injected by the Signal Generator section of the Model KT-208. When used in combination, with no dependence on outside signals, the compatibility of Model KT-208 provides ideal service, for unlike any standard signal tracer, it first injects its own signal then traces that controllable signal to locate the source by standard signal tracing technique. Designed for use with AM, FM, TV and audio circuitry. Features 5 frequency ranges and an attenuator switch to control both the R.F. signal (either modulated or unmodulated) and the 400 cycle audio tone. Front panel output jacks which can be used for oscilloscope, VTVM or earphone connections.

SIGNAL TRACER

- Hi-gain Cascode Pre-amplifier
- Front Panel Output For VTVM, Scope or Phones
- Low Distortion Triode Output Stage
- Separate R.F. and Audio Signal Probes

Famous Lafayette kit building manual with large pictorials will make it a pleasure to build. Housed in a beautiful crackle finish steel cabinet with a deep etched aluminum panel. Dimensions: 7½x9½x5¾". Complete with 2 probes. Shpg. wt., 9 lbs. This unit uses proven semi-kit construction with all major components premounted and tested at the factory. All you have to do is wire it up!
KT-208 Kit Net 22.95

SPECIFICATIONS

RANGE: Band A: 250KC to 850KC; B: 850KC-3000KC; C: 3.0MC to 11MC; D: 11MC to 45MC; E: 35MC to 120MC; 400cps audio signal; modulation slide switch, RF/AF attenuator and power switch; Signal output jack; AF input jack; 2 Preamp. output jacks. 4½" alnico 5 speaker. Tubes: 3965, 5687, 6350, 6AG5.

LAFAYETTE MODEL KT-223 TRANSISTOR ANALYZER KIT



MADE IN U.S.A.

KT-223

- IN-CIRCUIT AND OUT-OF-CIRCUIT TRANSISTOR CHECKER (INCLUDING POWER TYPES)
- DIODE AND RECTIFIER CHECKER
- SIGNAL GENERATOR
- BATTERY TESTER
- VOLTMETER
- MILLIAMMETER

6-IN-1 VALUE

ONLY **13⁵⁰**

Lafayette's 6-in-1 Transistor Analyzer KT-223 is a highly useful tester capable of testing transistors of all types including power types. The in-circuit test couples the transistor to an oscillator circuit within the tester for an actual performance check. Externally the transistor is checked for leakage on a multi-colored scale and for beta gain in 3 ranges up to 200. The KT-223 terminals makes trouble shooting transistor radios easy by supplying a 5kc test signal with harmonics for checking the RF, IF, and AF circuits. This signal can also be coupled to an oscilloscope for a visual circuit function test. This analyzer also checks the condition of diodes and rectifiers.

The KT-223 features a voltmeter which can check up to 12 volts DC and is excellent for testing transistor radio batteries. In addition, this analyzer is capable of checking current drain up to 80 milliamperes.

Complete with test leads and step-by-step illustrated instructions to make building this kit a pleasure. Attractive black case with anodized aluminum front panel. 6½x5½x2½". Shpg. wt., 3½ lbs.

KT-223 Complete Kit Net 13.50
BA-156 Extra Batteries 1½ volt Battery (2 required) Net ea. .13

20,000 OHMS PER VOLT SEMI-KIT MULTITESTER



This unit uses proven semi-kit construction with all major components premounted and tested at the factory.

- 20,000 ohms Per Volt DC—10,000 ohms Per Volt AC
- 40-Microampere 3" D'Arsonval Meter Movement
- Most Parts Already Mounted



EXCEPTIONAL
VALUE

8⁹⁵

The semi-kit is a new concept in test equipment kits. All the important or difficult parts are already mounted. All that remains to be done is to mount and wire in a few small parts—a job so simple you'll finish before you realize it, and best of all, you'll have one of the finest high sensitivity multitesters on the market. When used in a circuit, the high input resistance on all DC and AC ranges does away with the highly inaccurate readings common to low resistance testers which load the circuit. Ranges: DC Volts, 0-10-50-250-500-1000; AC Volts, 0-10-50-250-500-1000; DC CURRENT, 0-500 µa, 0-10-250 ma; OHMS, 0-10K-100K-1 meg; DECIBELS, —20 to +36; PLUS 0-5000 henries and 250 mmf. to .02 mfd. Black case 5½x3¾x1½". Complete with test leads, all parts, and instructions and battery. Shpg. wt., 3 lbs. Imported.

TK-10 KIT

Net 8.95

LAFAYETTE MODEL TE-19



- Checks and Corrects Each Gun of Color Tube Separately
- Rejuvenates All TV Picture Tubes Including Color and 110° Types
- Factory Wired & Tested
- Locates TV Tube Defects

The fabulous TE-19 is a "must" for every TV service shop. It will quickly pay for itself in time saved and money earned. Light in weight, completely portable, The TE-19 is ideal for "in the home" service calls. Solves most picture tube problems usually encountered without any fuss. Cuts service operating costs, makes your home visits more profitable. This quality factory wired and tested instrument rapidly checks and corrects black and white and color TV picture tubes including 110° types without removing them from the set. All controls are functional and clearly marked. Factory assembled, hand wired circuit assures long, trouble-free service. Needs only seconds to warm up and short test may be made without warm-up. Restores brightness and emission to old CRTs. Rejuvenates all cathode ray tubes. Lens type neon lamp lights when tube filaments are shorted. Nothing could be simpler. Determines quality of CRTs by means of an emission test. Large 4½" meter gives legible readings at a glance with colored Good-Bad scale. Neon tube provides positive leakage indication. Selector switch provides a choice of dual filament voltages of 6.3 V and 12.6 V. Checks and corrects each gun of color tube separately. Repairs inter-element shorts and open circuits. Includes 3 additional tube socket adaptors for 110° deflection type tubes. Operates on 105-125V 60 cycle AC. Handsome portable leatherette covered gray case with detachable top. Size: 4¾x7½x13½". Shpg. wt., 9 lbs. Imported.

TE-19 Net 39.50
 Adapter for new 23EP4 picture tube. Shpg. wt., ½ lb. Imported. Net 1.50

Deluxe CRT REJUVENATOR TESTER



FOR BUDGET
TERMS
SEE PAGE
412

39⁵⁰
NO MONEY
DOWN

LAFAYETTE MODEL TE-46

CAPACITANCE-RESISTANCE ANALYZER

Laboratory-Quality

39⁵⁰
NO MONEY
DOWN

SUPERB-
PERFORMANCE

See Budget
Plan Page 412

- Factory Wired and Tested
- Capacitance Bridge Circuit
- Direct Reading Scales for Capacitance and Resistance
- "Magic-Eye" Null Indicator and Meter
- Checks Opens, Shorts, Leakage and Intermittents
- Determines Power Factor of Electrolytics
- 2 Turns Ratio Scales • Measures Impedance



A real service value which has a number of time saving applications in your shop or lab. The TE-46 tests capacitors of all types for value, leakage, shorts and power factor and also measures resistance from 2 ohms to 200 megohms in four ranges. Measures capacity in 4 ranges from 20 muf to 2000 mf. All readings are made directly without complex time wasting calculations on a large etched circular metal scale. You will find it an invaluable tool to test for the following: capacity of paper, mica, ceramic and electrolytic capacitors; resistance; power factor of electrolytics from 0-55%; shorts opens and leaky capacitors. Wide range leakage test (0-600V) permit leakage tests of capacitors at their rated voltage. You can also determine the turns and impedance

ratio of audio and power transformers and read insulation resistance of paper, mica and ceramic capacitors directly on the meter to 300 megohms. Eliminates guessing with neon lamps. The impedance and turns ratio scales have 2 ranges: 10:1 and 200:1. "Magic-eye" tube indicates capacitance "null" clearly and opens shorts for electrolytics. A calibrated power factor control is provided to check overall capacitor efficiency. No service shop or lab should be without one. Complete with instructions and test leads. For 117V 50/60 cycles, AC. Grey wrinkle finish steel case with leather carrying handle. 10½Wx7Hx5¼"D. Shpg. wt., 12 lbs. Imported.

TE-46 Net 38.50

LAFAYETTE TE-50 TUBE TESTER

for HOME, SHOP BENCH or LABORATORY
 An Unbelievable Value—Compare With Any Similar Tube Tester—
 We Have Never Offered So Many Features At Such a Low, Low Price.

Superb Low Cost

SO MANY DELUXE
 FEATURES AT SUCH
 A LOW, LOW PRICE
1995

- Checks New Compactrons, Nuvistors, New T-9 Types 7-Pin Miniatures, Octals, Lock-in's, and 9-Pin Miniatures
- 12 Fast-Setting Slide Switches Covering All Elements of 12-Pin Compactron Tubes
- Accurately Checks Over 1600 Different Tubes
- Tests for Cathode Emission, Leakage and Shorts plus Filament Continuity
- Completely Portable—Weights Only 3 lbs.
- Highly Accurate Easy-to-Read Meter with Replace—Good Scale
- Slide-Out Tube Chart



FULL
 SIZE
 9¼"Wx8⅞"Dx2½"H

NOT A KIT —
 COMPLETELY WIRED

A modern, dependable tube checker equipped to test most of the tube types employed in Radio, Hi-Fi, Monochrome, Color TV, including the new 12-pin compactrons, nuvistors, T-9's and 7 and 9-pin miniatures. A special alligator clip lead is furnished for testing tubes with top caps. Slide switches are employed to connect the various tube elements to their respective test circuits. A 3-position tube slide switch adjust for checking shorted elements, cathode emission and filament continuity. A leakage indicator light glows when an inter-element short or leakage is present in a tube. A power switch turns the unit on and additionally serves to adjust for various AC line voltages. Large easy-to-read meter calibrated 0-100 has a red-green "Replace—Good" scale, plus a special scale for checking diodes.

A handy slide out metal tray contains tube charts which facilitate rapid selection of test settings. Metal case is attractively finished in cream and steel gray. Completely portable—weights only 6 lbs. and measures 8¼Dx9¾Wx2½"H. Supplied with carrying case. For 105-125 volts, 60 cycle AC. Shpg. wt., 7 lbs. Imported.

Net 19.95

An accurate, versatile, precision instrument that actually tests over 1600 different tubes. The low cost and superior performance of the Lafayette TE-50 Tube Tester combine to make it the outstanding test instrument value today. The ideal tube tester for any radio-TV serviceman, experimenter, technician, etc.

Deluxe LAFAYETTE TE-55 TUBE TESTER

- Same as our Famous TE-50 Tube Tester, but housed in portable wood case with grey vinyl trim.

A very handy tube tester for the radio/TV serviceman on-the-go. Lightweight, portable carrying case, has removable cover, rubber feet. Shpg. wt., 6 lbs. Imported.

TE-55

Net 23.95

ONLY
2395

No Money Down



LAFAYETTE TE-10 10,000 OHMS PER VOLT MULTITESTER ON BOTH AC AND DC

LOOK AT LAFAYETTE'S FINE VALUE AT SUCH A LOW, LOW PRICE

- EXTRA LARGE 3½" METER FACE
- COMPLETELY WIRED (NOT A KIT)
- ALL ACCESSORIES INCLUDED

FULL SCALE RANGES

DC VOLTS: 0-6; 0-30; 0-120; 0-600; 0-1200; AC VOLTS: 0-6; 0-30; 0-120; 0-600; 0-1200; DC CURRENT: 0-120µA; 0-3M; 0-300M RESISTANCE: 0-30K; 0-3 MEG DECIBELS —20 to +63 in 5 scales; Capacity 50 µµF to .01µF; and .001µF to .15U; OUTPUT RANGES 0-6; 0-30; 0-120; 0-600; 0-1200.



859

EXCEPTIONAL
 VALUE

Unbelievable value. Lafayette's new multitester is a complete factory wired and tested instrument (not a kit). It can be conveniently carried in the pocket, and features unusually sensitive 10,000 ohms-per-volt AC-DC meter, 1% precision resistors, and the largest meter ever placed on an instrument of this size. Single easy-to-use range selector switch can be appreciated by the novice and the engineer alike. Case and panel are made of durable bakelite. First capacity range requires 120 volts AC, second range requires 6 volts AC. Probes and flexible leads are plastic coated and color coded. Size 4½x3½x1½. Complete with leads and battery. Shpg. wt., 1½ lbs. Imported.

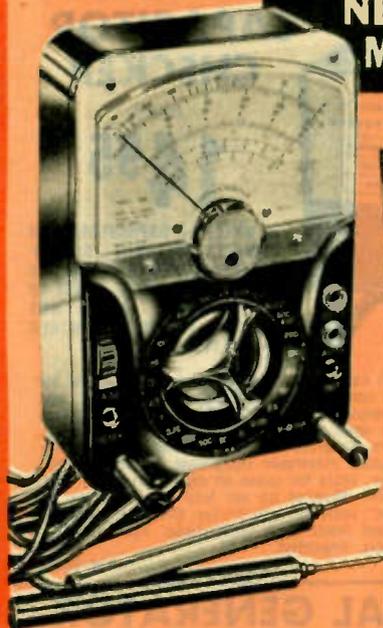
TE-10Net 8.59

Plgskin carrying case for TE-10. Shpg. wt., 8 ozs.

TE-14Net 1.95

SENSATIONAL VALUES IN MULTITESTERS

NEW! LAFAYETTE TE-60 30,000 OHMS PER VOLT MULTITESTER FOR PRECISION MEASUREMENTS



Only **1795**
Factory Wired

SPECIFICATIONS

Sensitivity: 30,000 ohms/volt DC, 15,000 ohms/volt AC. **Range:** DC volts: 0-.25, 1, 2.5, 10, 25, 100, 250, 500, 1000; AC volts: 0-2.5, 10, 25, 100, 250, 500, 1000. **Direct Current:** 0-0.05, 5, 50, 500 ma; 0-12 amp Ohmmeter: 0-60K, 6M, 60 Megohms, Decibels: -20 to +56 db. **Short Test:** Internal Buzzer. **Audio Output Jack.** Controls: Range Switch, Ohms Adjust. **Batteries:** 1 type Z cell, 1 15-volt.

- SENSITIVE 33 MICROAMPERE 4" METER
- 1% PRECISION RESISTORS FOR HIGH ACCURACY
- UNIQUE "BUZZER" FOR FAST SHORT TESTS
- 27 METER RANGES ON 2-COLOR SCALE
- RUGGED MOLDED CASE, MODERN STYLING
- COMPLETE WITH TEST LEADS AND BATTERIES

The Lafayette TE-60 is a deluxe portable Volt-Ohm-Millammeter with a high order of accuracy. Completely wired and portable, it provides wide voltage, current, resistance and db ranges clearly visible on a big 4" meter with 2 color calibrations. Sensitivity is 30,000 ohms-per-volt DC and 15,000 ohms-per-volt AC. All multipliers used are 1% precision resistors for maximum accuracy and years of dependable service. Sensitive 33-microamp meter provides full scale readings down to 1/4 volt on DC and 0.05 milliamps. Features a unique self-contained buzzer to give you fast in-circuit checks on opens, shorts. Audio output jack with DC blocking capacitor. DB scale range of -20 to +56 db referred to 1-milliwatt on a 600 ohm line. Handsome, dust proof black plastic case. Complete with leads, batteries. Size: 3 3/4" x 6 3/4" x 2 3/4" D. Shpg. wt., 2 lbs. Imported.

Net 17.95

TE-60

NEW! LAFAYETTE TE-58 20,000 OHMS PER VOLT MULTITESTER



- 20,000 OHMS PER VOLT DC—10,000 OHMS PER VOLT AC
- RESISTANCE RANGE 0-10 MEGOHMS
- 40- μ A MOVEMENT
- 3 1/2" METER
- MEASURES CAPACITY TO 0.2 MF

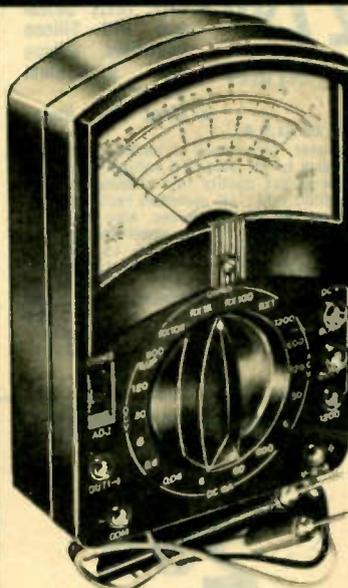
Only **1250**

This new multitester has extra-quality features, desirable in a compact test instrument. Easy visibility is provided by the large 3 1/2" meter with large two color scales. The 40-microampere D'Arsonval meter movement permits a high input resistance on all ranges: 20,000 ohms per volt on DC; 10,000 ohms per volt on AC. This, plus 1% tolerance resistors permits the measuring of voltages without unduly loading the circuit, thus preserving accuracy of readings. In addition the extreme sensitivity and superior versatility of this instrument, it features a capacitance measurement range. Measures 0-0.6, 6, 30, 120, 600, 1200 DC volts, 1-6, 30, 120, 600, 1200 AC volts, 0-10K, 100K, 1M, 10 Megohms. 0-60 microamperes, 0-6, 60, 600 milliamperes, -20 to +63 decibels. PLUS one special range, 200 mmf to 0.2 mfd capacity. Employs 2 standard 1 1/2 v penlight batteries. Complete with batteries, test leads and operating instructions. Size 5 1/2 x 3 3/4 x 1 7/8" D. Shpg. wt., 1 1/2 lbs. Imported

TE-58 Multitester

Net 12.50

LAFAYETTE TE-12 20,000 OHMS PER VOLT HIGH SENSITIVITY MULTITESTER



- 20,000 OHMS PER VOLT DC
- 10,000 OHMS PER VOLT AC
- RESISTANCE RANGE 0-60 MEGOHMS
- 40- μ A MOVEMENT
- 1% RESISTORS
- 0-0.6 VOLT DC RANGE FOR AUDIO AND TRANSISTOR WORK
- COMPLETELY WIRED
- 28 RANGES

SO MANY OUTSTANDING FEATURES AT ONLY **1495**

A new high-quality, low-priced multitester. Its light weight makes it a perfect portable instrument for technicians, servicemen, etc. Rugged design withstands hard use. Features large easy-to-read meter and sensitive 40 microamp meter movement. 1% tolerance resistors provide extreme accuracy of measurements. Housed in rugged bakelite case. Single knob selector and clearly marked positions permit easy operation. Recessed zero-ohms knob adjustment provided. Features sensitivity of 20,000 ohms volt DC, and 10,000 ohms/volt AC. Ranges—DC volts: 0-0.6, 0-6, 0-30, 0-120, 0-600, 0-1200, 0-3000, 0-6000 volts. AC volts: 0-6, 0-30, 0-120, 0-600, 0-1200 volts. Resistance: 0-6K, 0-60K, 0-6M, 0-60M. DC current: 0-0.06, 0-6, 0-60, 0-600 ma. Decibels: -20 to +17 (0 db - 0.774 V). Capacity: .0001-01, .005-20 mfd. Output ranges: 0-6, 0-30, 0-120, 0-600, 0-1200 volts.

Complete with heavy duty test probes and battery. Size 6 x 3 1/2 x 1 3/4". Imported

TE-12 Shpg. wt., 1 1/4 lbs. Net 14.95

TE-37 Felt-lined carrying case for above instrument. Imported Net 2.95

LAFAYETTE OFFERS OUTSTANDING VALUES IN TEST EQUIPMENT



SENIOR V.T.V.M. With GIANT 6 1/2" METER

2935 NO MONEY DOWN

- ACCURACY—±3% OF FULL SCALE
- GIANT 6 1/2" METER FACE
- DIRECT READING DB SCALE
- 11 MEGOHM INPUT RESISTANCE

Not A Kit—Fully Wired!

MADE IN U.S.A.

A modern, streamlined, accurate VTVM, featuring a giant 6 1/2" meter completely wired and calibrated. D.C. VOLTMETER. Ranges: 0 to 3, 30, 150, 300, 1500 volts. ±3% accuracy of full scale. Input resistance, 11 megohms. ZERO CENTER VOLTMETER (for discriminator alignment). Ranges: 0-1.5, 15, 75, 150, 750 volts. Accuracy ±3% of full scale. Input resistance, 11 megohms. AC VOLTMETER, rms ranges—0 to 3, 30, 150, 300, 1500 volts. Peak-to-peak ranges: 0 to 8, 80, 400, 800 volts. Accuracy ±3% of full scale. OHMMETER: ranges, 0 to 1000 megohms in 5 overlapping ranges. Center scale values—10, 100, 1000, 100,000 ohms, 10 megohms, DECIBAL METER (for all audio measurements). Ranges: —10 to +5, +6 to +25, +26 to +45 decibels. All bases on zero db at 1.73 volts on 500 ohm line. Pilot light indicates when unit is "on". Complete with D.C. V.T.V.M. probe and cable, pair of standard test leads for all other services and detailed instructions. Housed in a rugged high-impact case, with color matched etched aluminum panel and portable handle. Size: 5x6 1/2 x 7 1/2". Shpg. wt., 6 lbs. TE-500 Net 29.35



MODEL TE-44 IN-CIRCUIT CAPACITOR CHECKER

ONLY **1495**

- CHECKS CAPACITORS IN CIRCUITS WITHOUT DISCONNECTING LEADS
- MAGIC-EYE INDICATOR
- WIDE RANGE-10 MMF TO 2000 MF
- NOT A KIT — COMPLETELY WIRED AND TESTED

The TE-44 allows you to check most capacitors from 10 mmf to 2000 mmf for open or shorted conditions without unsoldering—no leads to disconnect. Just connect the test leads across the component you wish to test, press the switch and note the eye tube's face for an open or short condition. Checks coupling, by-pass, filter and blocking capacitors. Accurate readings are made in seconds—an important factor in today's complex electronic equipment. In addition the TE-44 also indicates capacitor leakage. Tests for opens on capacitors of 10 mmf. or more; for shorts up to 2,000 mf. Shunted by not less than 10 ohms. If capacitor is intermittent, "magic eye" indicator will flicker. Contains a Hartley oscillator circuit. Complete with test leads and instructions. For 117 VAC. Size: 7 3/8 x 5 1/4 x 4 3/8" D. Shpg. wt., 5 lbs. Imported. TE-44 Net 14.95

SUPERTESTER

- COMBINATION VOLT-OHM-MILLIAMMETER



ONLY **2783**

No Money Down

MADE IN U.S.A.

A versatile and reliable VOM for the engineer, serviceman or technician featuring a giant 6 1/2 inch meter which in addition to the standard volt-ohm readings provides 2 separate BAD-GOOD scales for direct quality test readings on: all electrolytic condensers from 1 mfd. to 1000 mfd.; all selenium rectifiers; all silicon diodes; all germanium diodes and all silicon diodes. Also measures capacity, reactance, inductance and decibels. Look at these specifications and you'll see why you need one for your bench. D.C. volts: 0 to 7.5, 15, 75, 150, 750, 1,500. A.C. volts: 0 to 15, 30, 150, 300, 1,500, 3000. D.C. Current: 0 to 1.5, 15, 150 MA, 0 to 1.5, 15 amperes. Resistance: 0 to 2,000 ohms, 200,000 ohms; 0 to 20 megohms. Capacity: .001 to 1 mfd.; 1 to 20 mfd. Reactance: 130 to 2,600 ohms; 2,600 ohms to 2.6 megohms. Inductance: .35 to 7 Henries; 7 to 7,000 henries. Decibels: —10 to +18, +10 to +38, +30 to +58 db. This superb instrument comes complete with instructions and test leads. Size: 6 1/4 x 7 1/2 x 4 3/4" D. Shpg. wt., 5 lbs. TE-711 Net 27.83

- Accurate Measurements of capacity, Reactance, Inductance Decibels
- Also Tests Selenium and Silicon Rectifiers, Silicon and Germanium Diodes
- Giant 6 1/2" Meter

DELUXE SIGNAL GENERATOR

- Genometer—7 Signal Generators in one
- RF Signal Generator for AM
- RF Signal Generator for FM
- Audio Frequency Generator
- Bar Generator
- Cross Hatch Generator
- Color Dot Pattern Generator
- Marker Generator



ONLY **3773** NO MONEY DOWN

MADE IN U.S.A.

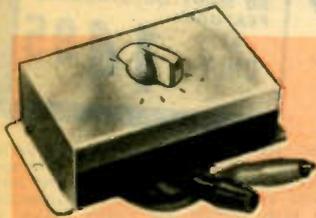
A versatile all-inclusive Generator which provides all the outputs for servicing: AM Radio, FM Radio, Amplifiers, Black and White TV, Color TV. SPECIFICATIONS: RF Signal Generator—Provides complete coverage for AM and FM alignment. Generates radio frequencies from 250 KC to 45 MC on fundamentals and from 35 MC to 120 MC on powerful harmonics. Cross Hatch Generator—Will project a cross-hatch pattern on any TV picture tube. The pattern will consist of non-shifting, horizontal and vertical lines interlaced to provide a stable cross-hatch effect. Variable AF Generator—Provides a fixed 400 cycle sine-wave or a variable 300-20,000 cycle peaked wave audio signal. Dot Pattern Generator—The dot pattern projected on any Color TV picture tube enables you to adjust for proper color convergence. Bar Generator—Projects an actual bar pattern of 4-16 horizontal bars or 7-20 vertical bars on any TV receiver screen. Marker Generator—Provides 9 most frequently needed marker points (262 KC, 456 KC, 600 KC, 1000 KC, 1600 KC, 2500 KC, 3,579 MC, 4.5 MC, 10.7 MC). Complete with shielded leads and operating instructions. Size: 10Wx7Hx5 3/4" D. Shpg. wt., 7 lbs. TE-710 Net 37.73

CAPACITANCE SUBSTITUTION BOX

ONLY **295**

BOX ONLY

- 36" Color Coded Test Leads & Clips
- 9 Ranges from .0001 to .22 MFD



A must for the serviceman, experimenter or student. Fast accurate selection of any one of 9 capacitor values from .0001 to .22MFD. Condensers are porcelain cased tubular type impervious to moisture and are rated at 600 volts working capacity. 9 capacitance ranges are .0001, .0010, .0022, .0047, .01, .022, .047, .1 plus .22 MFD. Complete with 36" red and black test leads and alligator clips. Size: 4 3/4 x 2 1/2 x 1 3/8". Shpg. wt., 1 1/2 lbs. Imported TE-16 Net 2.95

RESISTANCE SUBSTITUTION BOX

ONLY **395**

BOX

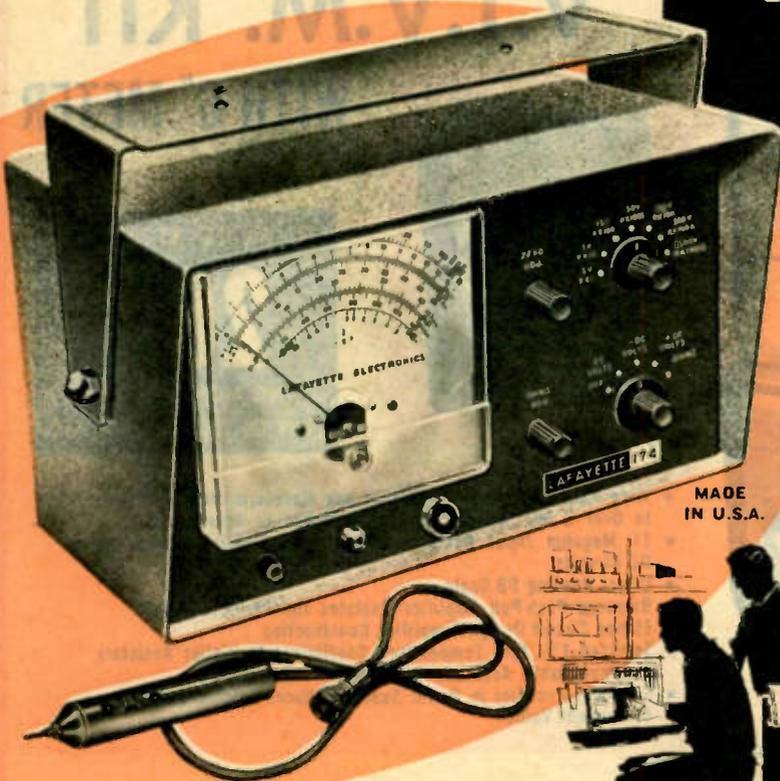
- 24 Resistance Ratings
- Two Ranges—Low 15-10K Ohms. High 15K-10 Meg-ohms.
- 36" Red & Black Test Leads with Alligator Clips



Ideal for laboratory or service application. Substitute resistance values fast and accurately in trouble shooting circuits where values may have changed. Easy to find bias resistance in experimental vacuum tube or transistor circuits. Slide switch selects two ranges—Low: 15 ohm — 10K ohm (1 watt resistors) High: 15 K ohm — 10 Megohms (1/2 watt resistors). Two rotary switches (12 steps each) selects 24 separate resistances. Size 4 3/4 x 2 1/2 x 1 3/8". Shpg. wt., 1 1/2 lbs. Imported TE-17 Net 3.95

**DELUXE LABORATORY
TEST EQUIPMENT
IN EASY-TO-BUILD KIT FORM**

LAFAYETTE KT-174 PEAK-TO-PEAK V.T.V.M. KIT



MADE
IN U.S.A.



**AN OUTSTANDING INSTRUMENT
WITH THESE QUALITY FEATURES**

- 10 AC Ranges—Measures as Low as 1 MV
- Regulated Power Supply Ensures Accuracy From 105-125 AC Line Voltage
- Scope Monitor Terminals
- 13 Megohms Input Impedance on 1500V AC Range
- 2% Accuracy On DC—3% Accuracy on AC
- Separate DC+ and DC- Calibration Controls
- Deposited Metal Film 1% Resistors For Precision & Stability
- Easily Calibrated Without Removing Cover
- Printed Circuit Construction
- Modern Styling with Etched Front Panel

LABORATORY PERFORMANCE — LAFAYETTE VALUE!

In Every Respect A Professional Test Instrument—Engineered to meet and exceed the rugged standards, accuracy plus required sensitivity demanded in laboratory, industrial and service applications. The KT-174 offers in this remarkably easy-to-build kit form, a Vacuum Tube Volt Meter that achieves a level of performance and versatility when completed rivaling quality factory wired and tested equipment.

Construction, Circuitry and Components utilized in this kit are of the finest quality—extreme accuracy is furnished by the 200 micro-ampere meter movement with balanced-bridge push-pull circuitry. Heart of this circuit is a 12AU7 twin triode tube, utilized as a DC amplifier and bridge, with inverse cross-coupled feedback applied to each section. Since the meter movement is extremely sensitive, the tube is not required to perform outside of its linear capabilities. Operating conditions are regulated to insure accuracy with respect to changes in line voltage—a circuit design feature found only in the most costly laboratory instruments. In addition, a high input impedance of 11 megohms is incorporated, preventing the KT-174 from loading down the circuit being tested. Further accuracy is assured by use of precision deposited carbon film 1% multiplier resistors plus the finest low-leakage type switches.

Versatility Plus ease of operation and construction were the guiding principles in the design of the KT-174... the 4½" meter is calibrated in an easy-to-read, two color scale incorporating a direct decibel scale plus a zero-center scale—ideal for TV-FM discriminator alignment. Scope terminals are provided at the rear panel for simultaneous wave form observation while making AC measurements; these same monitor terminals also allow the KT-174 to monitor the output of a signal generator while utilizing the VTVM probe as a signal injector, (a prime example of the versatility designed into the KT-174). Unlike other VTVM's—Calibration Controls (AC, Low

FOR BUDGET TERMS
SEE PAGE 412

KT-174 44⁵⁰ IN KIT FORM	TE-31 57⁰⁰ COMPLETELY WIRED AND TESTED
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AC, DC—, DC+ and AC Bal) are readily accessible at the rear panel without removing the cover. Front panel controls include Function switch (Off, AC, DC—, DC+, Ohms); Range Switch (.05v, .15v, .5v, 1.5v-RX1, 5v-RX10, 15v-RX100, 50v-RX1000, 150v-RX10K, 500v-RX100K, 1500v-RX1M); Zero Adjust and Ohms Adjust. The meter movement is shorted in the OFF position to prevent possible damage to the pointer during transit. In addition to utilizing the KT-174 as an Electronic Ohmmeter, DC Voltmeter and AC Voltmeter, special Low AC ranges are incorporated providing noise and gain measurements as low as 1mv for audio and high-fidelity applications—previously these measurements would normally have required a separate instrument. A specially designed Lafayette Omni-Probe with shielded low loss cable performs all functions—fast trouble free push-button selection for AC or DC ohms.

Unquestionably The Finest VTVM we have ever offered, the KT-174 is an even greater value because you save by building it yourself. Utilizing a printed circuit board, this is an amazingly simple kit to build, with most of the wiring completed for you. Lafayette's famous step-by-step instructions and huge pictorial diagrams assure ease of assembly. Attractive dark grey front panel is set in a contrasting textured light grey metal case. Complete with tubes, battery and special Lafayette Omni-Probe. An RF probe in easy-to-build kit form (KT-205), designed for the KT-174 or any 11 meg ohm impedance V.T.V.M. is available at additional cost. Size 8½x6Wx 5"D. For 105-125 volts, 60 cycles AC. Shpg. wt., 8 lbs.

KT-174 Kit Form	Net 44.50
TE-31 Same as above, wired and tested	Net 57.00
KT-205 RF Probe Kit For KT-174 and any other 11 megohm Impedance VTVM	Net 3.74

COMPARE THESE SPECIFICATIONS

Input Impedance: 1 megohm at 1 KC
 Freq. Response: ± 1 db from 20 to 300,000 cps from 600-ohm source
 Regular AC Ranges: RMS—0-1.5, 5, 15, 50, 150, 500, 1500 volts
 Peak-To-Peak: 0-4.2, 14.0, 42, 140, 420, 1400, 4200 V
 Accuracy: 3% on all ranges except 5% on 0 to 5V
 Ohcbels: —10 to +5
 Freq. Response: ± 1 db 20 cps to 4 mc from 600-ohm source
 Input Impedance at 1KC: 0-1.5v, 5v, 15, 50-83 Meg. 0-150v, 1.3 meg.—0-500v, 1500v—1.5 meg.

OHMMETER

7 RANGES: 0-1000 RX1, RX10, RX100, RX1000, RX10K, RX100K, RX1M using precision 1% dividing resistors. Meter Movement: 200-µa for full scale deflection

TUBES:

1—6BN8 AC full-wave peak rectifier and low AC amplifier; 1—12AU7 twin triode meter DC amplifier and balanced bridge, incorporates Half Wave Selenium Rectifier and Well Filtered Fused Power Supply.

DC VOLTMETER
 Ranges: 0-1.5, 5, 15, 50, 150, 500, 1500V
 Input Resistance: All ranges—11 Megohms
 Sensitivity—1.5V Range: 7.3 Megohms/Volt
 Accuracy: ± 2% of full scale at 117VAC—deviation due to line voltage variation between 105-125 volts is negligible

AC VOLTMETER
 Low AC
 Ranges: RMS-0 to 50 mv, 0-150 mv, 0-500 mv
 Peak-To-Peak:—0-140 mv, 0-420 mv, 0-1400 mv
 Accuracy: ± 5% of full scale

KT-202 LAFAYETTE V.T.V.M. KIT WITH 6" METER



MODEL KT-202

26⁹⁵

NO MONEY DOWN

BUY ON TIME SEE PAGE 412

- Wide Band—AC Measurements on any Waveform from 30 Cycles to Over 5 MC. Without Additional Probes or Accessories
- 11 Megohm Input Resistance—Negligible Loading Effects on DC Circuits
- Direct Reading DB Scale
- Balanced Push-Pull Amplifier—Isolates and Protects Meter
- Etched Circuit Design Simplifies Construction
- Selected 1% Zero Temperature Coefficient Multiplier Resistors for Dependable, Accurate Readings
- Selenium Rectifier in Power Supply Reduces Effects of Heat on Component Values

- ACCURATELY MEASURES AC PEAK-TO-PEAK VOLTAGE, AC RMS VOLTAGE, DC VOLTAGE AND RESISTANCE
- GIANT 6" FULL-VIEW METER WITH EASY-TO-READ TWO-COLOR SCALES

An indispensable test instrument for the service technician, experimenter or hobbyist. The KT-202 is a high quality V.T.V.M. in easy-to-build kit form, which offers features unusual at this low price. It is a highly accurate DC voltmeter, AC voltmeter and ohmmeter employing a giant 6", 400 μ a meter with clear black and red scales.

With a high input impedance of 11 megohms, this V.T.V.M. can accurately measure DC voltages up to 1500 volts while presenting a negligible load to the circuit under test. This is especially important in circuits involving high resistances (such as audio circuits) since any appreciable current drawn by the meter would cause voltage drops which would invalidate the readings obtained. As a wide band AC voltmeter, this unit is one of the most versatile test instruments the technician or hobbyist can own. It will measure AC peak-to-peak voltages up to 2,000 volts on any waveform, be it sinusoidal, sawtooth, square or of other complex form; all this from 30 cycles to above 5 Mc—without any accessory probes! AC RMS voltages may be read directly up to 1,500 volts if the waveform is sinusoidal. The wide frequency response makes this meter ideal in audio, radio and TV applications. Resistances can be read directly on the Ohms scale from 0.2 ohms to 1,000 megohms. A direct reading decibel scale is calibrated from -10 to +18 db (reference 1.73 volts, 6 mw into 500 ohm line). Can be used to obtain

readings up to +58 db. In addition, zero center measurements can be made, for the alignment of FM and TV detector circuits.

The KT-202 utilizes a 12AU7 balanced push-pull DC amplifier and two 9006 tubes as peak-to-peak voltage rectifiers. The meter is isolated from the measuring circuits by the DC amplifier, making it virtually impossible to burn it out. Multiplier resistors are 1% zero temperature coefficient types, to assure maximum accuracy and minimum variation due to heat. Front panel controls: Function Selector—selects Pwr. Off, A.C.V./P-P.V., D.C.V. Neg., D.C.V. Pos., Ohms; Range Selector—for 7 voltage and resistance ranges; Ohms Adjustment; Balance (zero) Adjustment. There are 3 probes: Common, A.C.V.—Ohms, and a shielded D.C.V. probe with 1 megohm isolating resistor.

Printed circuitry makes construction of this kit easy. Selenium rectifier transformer—operated power supply for 110-120 VAC, 60 cps. Dimensions: 7½Hx6½W x5"D overall. Kit comes with ½ volt battery for ohmmeter circuit and complete instructions. Shpg. wt., 7 lbs.

KT-202	Net 26.95
Accessory RF probe for KT-202 or other 11 megohm V.T.V.M.	
KT-205	Net 3.75
Carrying case for KT-202, complete with handle.	
KT-203 Shpg. wt., 1 lb.	Net 2.95

SPECIFICATIONS

DC VOLTMETER RANGES: 0-3, 15, 75, 150, 300, 750, 1500 volts. Input resistance: 11 megohms (1 megohm in probe) on all ranges.

AC VOLTMETER RMS RANGES: 0-3, 15, 75, 150, 300, 750, 1500 volts. **PEAK-TO-PEAK RANGES:** 0-8, 40, 200, 400, 800, 2000 volts.

DECIBEL RANGES: -10 to +18db, +10 to +38db, +30 to +58db. Response: 30 cycles to above 5 Mc.

OHMMETER RANGES: 0-1000, 10,000, 100,000 ohms; 0-1, 10, 100, 1000, megohms. **CENTER SCALES:** 10, 100, 1000, 10,000, 100,000 ohms, 1 megohm, 10 megohms.

TUBES: 1—12AU7 twin triode balanced meter bridge, 2—9006 peak-to-peak rectifiers, 1 power supply selenium rectifier.

POWER: 110-120 VAC, 60 cycles.



Built-in "S" Meter

HE-40 Factory Wired and Assembled

Lafayette Deluxe HE-40 4-Band Shortwave Broadcast Receiver

4-BAND Power Packed Superheterodyne Circuit Covering the Broadcast Band (550-1600KC) and Shortwave From 1600KC to 30MC (1.6-4.4MC, 4.5-11MC, 11-30MC).

- Improved Sensitivity • Electrical Bandsread • Built-in "S" Meter
- AVC — Noise Limiter • BFO • Phone Jack • Big 5" Speaker

SMARTLY STYLED DURABLE METAL CABINET

Now, you can tune in the world with the fabulous Lafayette HE-40 BC-SW receiver. Keep up to date with on the spot news coverage. Power packed superheterodyne circuit covers the broadcast band (550-1600KC) and shortwave from 1600 KC to 30 MC in four bands. The perfect radio for shortwave listeners. Features a precision electrical bandsread with slide rule bandsread dial, 0-100 logging scale for easy self-calibration. Separate bandsread tuning condenser and calibrated "S" meter for accurate tuning. Meter can be electrically adjusted by rear panel control. Sensitive circuit features AVC (Automatic Volume Control) to minimize blasting and/or fade out; Automatic noise limiter to reduce annoying interference. Includes convenient front panel B.F.O./selectivity control to allow for reception of CW (telegraphy). Also has convenient front panel headphone jack which automatically disconnects speaker. Jack can be used to drive an external speaker. Built-in 5" PM speaker provides big, clear sound on all stations. Useful tone switch is included to vary sound to suit conditions, or taste. Three antennas (ferrite loop for broadcast band, adjustable 58" whipl for short wave and wire antenna) provide high sensitivity and flexibility for best reception. Low impedance phones are recommended for use with this unit. Attractively styled steel cabinet with silver trim. Powered by 4 tubes plus a selenium rectifier. 1—12BE6; Converter, 1—12BA6; IF Amplifier, B.F.O., 1—12AV6; Audio Amplifier AVC detector; 1—50C5; Audio output. Operates on 105-125; 50/60 cycle AC/DC. Size 13½Wx5¾Hx8¾"D. Shpg. wt., 12 lbs. Imp.

Lafayette Deluxe HE-40 4-Band Shortwave Receiver plus free Headset & Phone Plug. HE-78M Net 49.95

**FREE
BONUS**



**HEADSET
and
PHONE
PLUG**

- Absolutely Free with purchase of HE-40 Receiver

49.95

NO MONEY DOWN
\$5 monthly

Full details, Pg. 412

Made in U.S.A.



Model HB-75WX 30-50 MC

New Lafayette Deluxe FM Communications Receivers

59.95

NO MONEY DOWN
\$5 monthly

For State, County and Municipal Police—Fire Departments, Trucking, Railroads, Highway Maintenance, Forestry Conservation, Petroleum and Industrial Activities.

Lafayette presents a truly unbeatable value in these two deluxe tuneable police receivers. Choose the model with the band you are most interested in monitoring . . . the 30-50 or the 152-174 MC bands — whatever you want to monitor in the way of emergency, commercial or industrial communications. Powerful 8-tube performance with a 3-gang tuned rf stage really pulls in stations. Other quality features are: transformer type power supply, excellent sensitivity, (4µv or less for 20db of quieting), reliable, built-in all-electronic squelch for absolute quieting (adjustable from the front panel), built-in 5" speaker for clear voice projection, and as an added convenience, an illuminated slide rule dial for night operation. An external speaker may be added if desired. Housed in an attractive metal cabinet . . . makes a handsome addition to any home or office. Requires 105-125 volts, 60 cycles AC only. Size: 11¼Wx7¾Hx6¼"D.

HB-75WX 30-50 MC Shpg. wt., 14 lbs. Net 59.95
HB-76WX 152-174 MC Net 59.95



Model HB-76WX 152-174 MC

- Fully Tuned RF Stage for Better Image Rejection
- Reliable Built-in All-Electronic Squelch for Absolute Quieting (Adjustable from Front Panel)
- Illuminated Slide Rule Dial for Night Operation
- Built-in 5" Speaker
- 8 Tubes

ANTENNAS FOR LAFAYETTE FM COMMUNICATIONS RECEIVERS

Window Mount Antenna, 30-50 MC. Shpg. wt., 3 lbs. HE-95W	Ground Plane Antenna, 152-174 MC. Shpg. wt., 2 lbs. HE-960
Net 7.35	Net 5.39

LAFAYETTE Professional-Quality 8-TUBE AMATEUR COMMUNICATIONS RECEIVER

4 BANDS

• 550 kc-1600 kc • 4.8 mc-14.5-mc
• 1.6 mc-4.8 mc • 10.5 mc-30 mc



HE-30 WIRED

79⁹⁵

NO MONEY DOWN

KT-320 KIT

64⁹⁵

NO MONEY DOWN

SPECIAL BONUS!

FOR

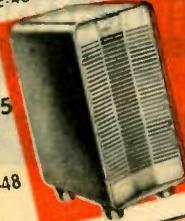
1¢

with purchase of
HE-30 or KT-320
Receive HE-48 Matching Speaker

reg.
Resale

7⁹⁵

HE-48



SUPERHETERODYNE CIRCUIT

Designed for Today's Crowded Amateur Bands

- 8 TUBES PLUS RECTIFIER TUBE • 1 RF + 2 IF STAGES FOR HIGH GAIN RECEPTION • EASY-TO-READ, ILLUMINATED, SLIDE RULE DIAL • BUILT-IN Q-MULTIPLIER FOR CROWDED PHONE OPERATION • ANTENNA TRIMMER FOR OPTIMUM PERFORMANCE ON ALL BANDS • CALIBRATED ELECTRICAL BANDSPREAD ON AMATEUR BANDS 80 THRU 10 METERS • 0-100 LOGGING SCALE FOR SWL'S • EFFECTIVE AUTOMATIC NOISE LIMITER • AVC-MVC SELECTOR ON FRONT PANEL • STABLE OSCILLATOR AND BFO FOR CLEAR CW AND SSB RECEPTION • BUILT-IN EDGWISE S-METER



Outstanding Bandspread, Selectivity with a built-in Q-multiplier, and sensitivity combine to make the HE-30 one of the "hottest" general coverage bandspread receivers we have ever offered. For the crowded amateur bands—illuminated Slide Rule Dial, bandspread with markings every 5 KCS on 80 and 40 meters (IT TAKES 16 REVOLUTIONS OF THE BAND-SPREAD DIAL TO COVER EACH OF THESE BANDS), every 20 KCS on 20 and 15 meters, and every 50 KCS on 10 meters, plus an edgewise S-meter. For the SWL—a 0-100 logging scale for "instant reset" to a desired station plus a husky 5Y3 Rectifier circuit provides an RF stage with an antenna trimmer for peak performance PLUS 2 IF stages for improved selectivity. The HE-30 utilizes a 5Y3 tube in a transformer Full Wave rectifier power supply for performance with a minimum of hum. Receiver sensitivity—1.0 microvolts for 10 db Signal-to-Noise Ratio. The Built-in BFO can be used to separate CW stations by means of the pitch control, while the Q-multiplier adds the selectivity needed for crowded phone band operation. Front panel controls: FUNCTION SWITCH, AUDIO GAIN, SELECTIVITY (Q-Multiplier), FREQUENCY (BFO), BAND SELECTOR, IF GAIN, TRIMMER, AVC-MVC SWITCH, ANL SWITCH, MAIN TUNING BANDSPREAD TUNING, and headphone Jack. Selectivity—60 db at 10KC, 0.8 KC @ 6db (with Q-multiplier), IF — 455KCS, Speaker—External PM type (not supplied), 4 or 8 ohms Impedance, Audio Output—1.5 Watts. Tubes—6BA6—RF Amplifier, 6BE6 Mixer, 6BE6—Oscillator, 6AV6 — Q-Multiplier-BFO, 2-6BA6 — IF Amplifier, 6AV6 —

Detector, AF Amplifier, ANL, 6AQ5—Audio Output, 5Y3—Rectifier. Size—7Hx15Wx10"D. For 105-120, 60 cps AC, 50 watts. Imported.
HE-30WX Shpg. wt., 25 lbs. Net 79.95
Lafayette Professional—Quality 8-tube Communications Receiver HE-30, Wired, plus Matching HE-48 Speaker. HE-79WXM Net 79.95

KT-320 SEMI-KIT

This receiver is also available in kit form with all major components and front end premounted and pre-calibrated. All other components supplied for easy mounting. Imported.
KT-320 Semi-Kit Net 64.55
Lafayette professional quality Communications Receiver, semi-kit KT-320, plus HE-48 matched speaker. KT-321WXM Net 64.95

RECEIVER SPEAKER MATE

MATCHING 3x5 speaker in handsomely styled cabinet to match HE-30. Gives clean audio response. 8 ohm impedance. Size: 7¼Hx3½Wx5"D. Shpg. wt., 4 lbs. Imported. Net 7.95

New! DELUXE LAFAYETTE PROFESSIONAL-QUALITY 14-TUBE AMATEUR COMMUNICATIONS RECEIVER



550-1600 Kc
5 BANDS 1.6-4.8 Mc 10.5-30 Mc
 4.8-14.5 Mc 48-54 Mc

129⁵⁰
 NO MONEY DOWN

Dual Conversion on 6 Meters

- 14-Tube Superheterodyne Circuit
- Extra RF Stage, Mixer/Osc For Dual Conversion On 6 Meters
- 1 RF Plus 2 IF Stages For High Gain Reception On All Other Bands
- New Product Detector Circuit For Improved SSB Reception
- Separate BFO And Q-Multiplier Circuits (Can Be Used Simultaneously)
- Crystal Calibrator For Checking Receiver Calibration Markings
- Improved Automatic Noise Limiter
- Voltage Regulated Power Supply

LAFAYETTE BONUS!

Receive HE-48 matching Speaker, Reg. Resale **7.95**, with purchase of HE-80WX.

FOR 1¢



Designed for Today's Congested Amateur Bands



Lafayette's Newest Professional-Type Communications Receiver, the HE-80 features outstanding sensitivity, Q-Multiplier selectivity and electrical bandspread. Sensitivity is 1.0 Microvolt for 10 db s/n ratio. Selectivity is variable from 60 db to 93 db in Q-Multiplier operation with ± 10 KC detuning. Calibrated electrical bandspread on amateur bands 80 thru 10 meters (6 meters is tuned with main tuning control). Dual conversion on 6 meters provides average of 50 db image rejection. Other features include 0-100 logging scale for "Instant Reset" to desired station, antenna trimmer for optimum performance on all bands, built-in edgewise "S" meter, special recording jack in rear permits easy connection to tape recorder, remote control socket on the back allows simultaneous control of HE-80 with a transmitter. Front Panel Controls: AF Gain, RF Gain, 5-Position Function Switch, BFO Frequency, Band Selector, Q-Multiplier Selectivity, Q-Multiplier Frequency, Band Spread Tuning, Main Tuning, Antenna

Trimmer, Power On-Off Switch, MV_C-AVC Switch, Rec-Send Switch and Headphone Jack. IF — 455 KC. Audio Output — 1.5 Watts. Output Impedance — 8 and 500 ohms (speaker not supplied). Tubes: 4-6AQ8, 3-6BA6, 2-6BE6, 1-6BL8, 1-6AL5, 1-6AQ5, 1-6CA4, 1-0A2. Size: 17Wx7½Hx10"D. Shpg. wt., 28 lbs. Imported
 HE-80WX Less Calibrator Crystal Net 129.50
 HE-81L Optional Calibrator Crystal, 100KC, Type HC/13U Net 3.95
 HE-195WXM Lafayette Professional-Quality Communications Receiver HE-80 plus Matching HE-48 Speaker Net 129.51
RECEIVER SPEAKER MATE
 MATCHING 3x5" speaker in handsomely styled cabinet to match HE-80. Gives clean audio response. 8-ohm impedance. Size: 7¾Hx3½Wx5"D. Imported. Shpg. wt., 4 lbs. Net 7.95
 HE-48 Net 7.95

LAFAYETTE MODEL TE-18 GRID DIP METER

COMPLETE WITH ALL COILS FOR ALL FREQUENCY RANGES FROM 360 KC TO 220 MC

- Compact—True One-Hand Operation
- Covers 360 Kc to 220 Mc
- Functions as a Grid Dip Oscillator, Absorption Wave-meter and Oscillating Detector
- Completely Wired — Not A Kit

29⁵⁰
 NO MONEY DOWN



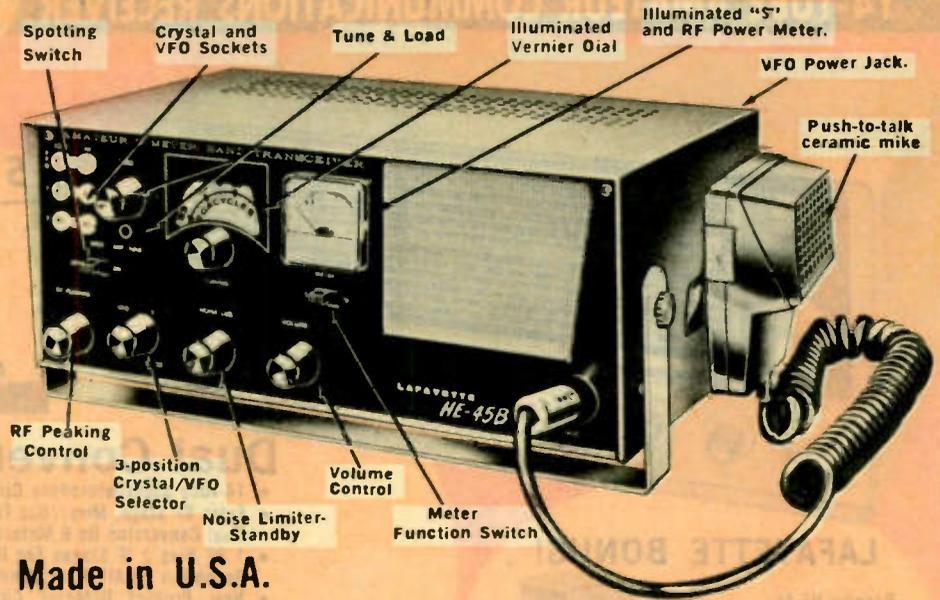
The most versatile and indispensable piece of test equipment an amateur can own. Used as a grid dip oscillator, the TE-18 can determine the resonant frequencies of tuned circuits, detect stray resonances in transmitters, check neutralization, etc. If coils are being wound for home-built equipment, the TE-18 can check their frequencies in tuned circuits. As an absorption wavemeter, the unit will determine the frequencies that are being radiated by the transmitter; will detect harmonics, parasitic oscillations and their

frequencies, etc. Frequency range 360 Kc to 220 Mc, in 8 accurately calibrated ranges. Coils are color-coded and marked in Mc by frequency range, for easy identification. Smooth planetary drive tuning mechanism with 4:1 reduction. Grid current meter has a 500 μ a movement. Uses a 6AF4A tube, powered by a built-in, transformer-operated power supply with selenium rectifier. For 117 V. AC, 50-60 cps. Dimensions: 7¾Hx 2¾Wx2"D. Shpg. wt., 3 lbs. Imported
 TE-18 Net 29.50

LAFAYETTE Deluxe 6-Meter TRANSCEIVER HE-45-B

HIGH EFFICIENCY—UP TO 100% MODULATION!
NEW MODULATION and POWER TRANSFORMERS plus 7868 POWER PENTODE!
NEW HEAVY-DUTY COMMUNICATIONS VIBRATOR!
FRONT PANEL ANTENNA LOADING CONTROLS!
NEW! STANDBY SWITCH. VFO POWER JACK!

This deluxe Lafayette 6-meter transceiver provides maximum convenience and flexibility in either mobile or fixed operation. The superheterodyne receiver section employs an RF stage with peaking control located on the front panel, and two I.F. stages at 1650 KC for 1 μ v sensitivity and 45db image rejection. A calibrated illuminated vernier tuning dial tunes the entire 6 meter band from 50 to 54 Mc. Features high efficiency 100% modulation; adjustable series gate noise limiter; built-in speaker; illuminated panel meter which serves as an "S" meter, or as direct relative power output meter. Transmitter section employs a 6U8 oscillator and buffer/multiplier, driving a 2E26 final with a plate input of approximately 14 watts on AM. Has Pi-network coaxial output, and front panel antenna loading controls; sockets for 8 Mc fundamental crystals plus an input for external VFO on the front panel selected by 3-position selector switch. A spotting switch is provided for zero-beating or for locating receiver frequency. VFO power jack on the rear of unit accepts Lafayette HE-61A VFO. Pull-out Standby switch for added frequency stability. A built-in dual supply for 117 VAC and 12 VDC with a heavy-duty communications vibrator makes the HE-45B excellent for mobile as well as for fixed station operation. Tube Complement: 12BA6 RF amplifier, 6U8/6EA8 osc/mixer, 12BA6 1st IF amp, 6U8/EA8 2nd IF amp./1st audio, 6CN7 detector/noise limiter, 7868 audio output and transmitter modulator, 6U8/6EA8 transmitter oscillator and buffer/multiplier, and 2E26 transmitter final amplifier. Housed in a rugged, low-silhouetted case with attractive front metal panel, the HE-45B comes complete with a dependable push-to-talk ceramic microphone, crystal for 50.12 Mc, detachable mounting bracket, and all power cables. Only 12x5x8 1/2"D. Shpg. wt., 15 lbs. For 117 VAC/12 VDC. HE-45-BWX Net 119.95



Made in U.S.A.

- Highly Sensitive Superheterodyne Receiver Section for 50-54 Mc • Minimum Drift Circuitry • 3-Stage, 14-Watt Transmitter with 2E26 Final
- Spotting Switch for Zero-Beating and for Positive Receiver Frequency Location • Pi-Network Transmitter Output • Illuminated Panel Meter for "S" Readings and Direct Indicator of Relative RF Power Output • Effective Series Gate Noise Limiter • Built-in 117 VAC and 12 VDC Power Supplies

119⁹⁵
 NO MONEY DOWN
 \$6 monthly



Made in U.S.A.

NEW! LAFAYETTE 6-METER VFO MODEL HE-61A Now... with Shield and Ceramic Coil Forms for Minimum Drift

- NOT A KIT—FULLY WIRED
- HIGHLY STABLE OSCILLATOR CIRCUIT

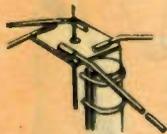
A deluxe 6-meter Frequency Oscillator designed for high stability and versatility. A High-Q Clapp oscillator circuit assures maximum performance. An OA2 VR tube further eliminates any effects due to line voltage variation. Operating in the 4 to 4 1/2 Megacycle range, the output frequency is 8 MC. Ferrite tuned coil output is approximately 10 volts. The HE-61A can be used with any transceiver which has a standard 8 MC crystal. Cable with 5-prong power plug. Instructions supplied for units not equipped with 5-prong VFO jack. Also supplied with

standard crystal plug for VFO input. The dial is calibrated from 50-54 megacycles and is illuminated for your tuning convenience. Precision planetary drive mechanism with single knob control of 180° rotation. Tube complement consists of one 12BA6 oscillator and an OA2 Voltage regulator. Furnished complete with cable and instructions. Size: 3 3/4" x 4 1/4" x 1 1/4" D. Shpg. wt., 3 lbs. HE-61A Net 19.95

19⁹⁵

DELUXE LAFAYETTE 6-METER GROUND PLANE ANTENNA

- The Ideal Antenna for Your 6-Meter Base Station
- Solid Aluminum Radials
- 3/8" Diameter, 58" Long
- Accepts PL-259 Connector



9⁹⁵

An outstanding deluxe 6 meter base station antenna covering the 50-54 MC Band. Solid aluminum radial & radiator with 3/8" diameter — radials are 58" long — radiator is 55 1/2" long. Radials have a 45° droop. Accepts 1 1/4" tubing. RG-58/U cable and PL-259 Connector. Shpg. wt., 4 lbs. HE-987WX Net 9.95

LAFAYETTE NEW UNIVERSAL 6-METER AND BROADCAST MOBILE ANTENNA



Low Price of **4⁷⁵**

Here is a highly efficient 6 meter antenna that replaces your Auto radio antenna for operation on both 6 meters and for regular AM broadcast reception. 59" stainless steel mast, all chrome ball type base adjustable to 180° for front rear or side mount. Complete with 54" lead. Highly versatile and durable. Shpg. wt., 4 lbs. Imported HE-801WX Net 4.75

LAFAYETTE ALL STAINLESS STEEL 6-METER MOBILE ANTENNA



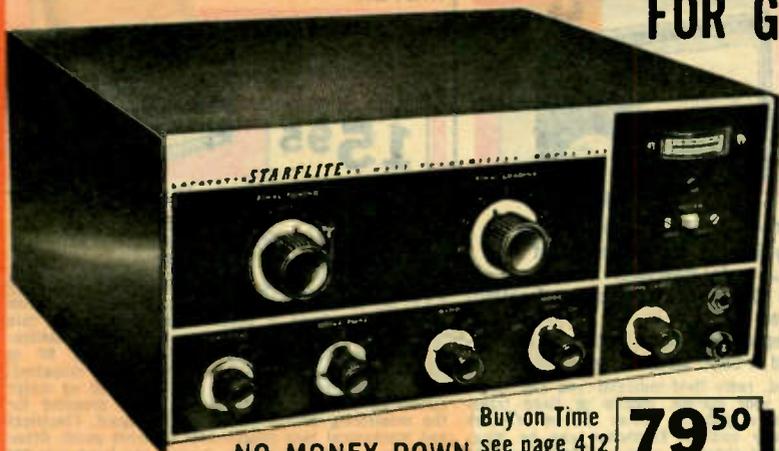
- 58 in. Stainless Steel Whip For Optimum 6-Meter Performance
- Heavy-Duty Chrome Plated Stainless Steel Spring and Swivel Ball Jointed Mount Base

6⁹⁵

Chrome swivel ball mount base designed to be mounted on any surface. Stainless steel spring holds rod in properly adjusted position and prevents rod damage from shocks and blows. Stainless steel whip for maximum resiliency and strength. Shpg. wt., 4 lbs. Imported HE-49W Net 6.95

SUPERB LAFAYETTE STARFLITE™ 90-WATT TRANSMITTER KIT

FOR GENERAL AM PHONE OR CW



SPECIFICATIONS

POWER INPUT: 90 watts peak; OPERATION: CW, AM phone—crystal or VFO control; BAND COVERAGE: 80 thru 10 meters; ANTENNA COUPLING: Pi-network into low-pass filter; TUBES: 6146, (2) 6CL6, 12AX7, 6DE7, POWER REQUIREMENTS: 105-125 volts, 50-60 cps AC @ 225 watts.

The new Lafayette Starflite Transmitter Kit was designed to meet the needs of the greatest number of amateurs—General AM Phone or CW. Easy to build, its many quality design features offer superior engineering and premium quality components.

The Starflite operates on a power input of 90 watts. Single-knob band-switching provides instant coverage of 80 through 10 meters. Front Panel Controls include: Final Tuning; Final Leading; 6-Position Crystal/VFO Selector Switch; 5-Position Mode Switch; Drive Level; Grid/Plate Meter Switch. Controlled-carrier modulator permits almost 100% of the CW input to be used on AM peaks. Grid-block keying provides chirp-free operation; a rugged, efficient full-wave silicon diode power supply effects extremely low output ripple for cleaner CW transmission. Other quality features include an electron-coupled Pierce oscillator, capacitance bridge neutralization of the 6146 final and a three-stage low-pass filter. An illuminated edgewise D'Arsonval panel meter indicates final grid or plate current for easy tune-up. Pi-network output provides the proper impedance match between the plate circuit and any 50-72 ohm coaxial antenna. When VFO operation is desired, the output of any external VFO may be connected to the VFO input jack in the rear. Tube Complement: 1-6CL6 Crystal Oscillator; 1-6CL6 Driver; 1-12AX7/ECC83 Speech amplifier; 1-6DE7 Modulator; 1-6146 Final Amplifier. Clearly written, profusely illustrated instruction manual simplifies assembly. Size: 13 1/4" W x 6 1/4" H x 12" D. Net 79.50
KT-390WX Shpg. wt., 28 lbs. NE-194WXM Lafayette Starflite 90-Watt Transmitter Kit plus Wen "100K" Soldering Gun Kit Net 79.51

Buy on Time
NO MONEY DOWN see page 412 **79⁵⁰**

MADE IN U.S.A.

SPECIAL BONUS FOR 1c

With purchase of KT-390WX receive a Wen "100K" Soldering Gun Kit including 100-watt gun plus extra plastic tile cutting tip and 5 feet of rosin core solder, Reg. Cat. Price 5.83



"On the air tests proved this little transmitter to be extremely satisfactory."

"It makes a swell rig for the ham who'll want to keep it around as a standby rig, or who'll use it portable on Field Day or vacation."

"Eighty dollars, ninety watts, Phone and CW. Those are the things that make the new Lafayette Starflite KT-390 Transmitter a really desirable piece of gear for the ham shack."

73 MAGAZINE, NOVEMBER 1962

NEW! LAFAYETTE "PRECON" AMATEUR PRESELECTION CONVERTER



ONLY **49⁵⁰**

NEW! LAFAYETTE "STARARCHIEF" VFO

ONLY **44⁵⁰**

NO MONEY DOWN

Buy on Time see page 412



- Highly Stable
- Uses Clapp Oscillator
- Self-Powered
- Calibrated 80 thru 6 Meters
- Completely Wired and Tested
- Attractive Styling

NO MONEY DOWN

Converts Your Receiver to Dual Conversion Operation

- Crystal-Controlled • For 80-40-20-15-10 Meter Bands • As a Converter—Converts Your Receiver to Dual Conversion Operation • Improves Selectivity
- Widens Band Spread • High Signal-to-Noise Ratio • Improved Image Rejection • Self-Powered • Modern Styling

SPECIFICATIONS

80, 40 meters preselector only. 20, 15, 10 meters preselector and converter. GAIN: Preselector, 36 db @ 80 meters; Converter, 22 db @ 20 meters. OUTPUT FREQUENCY: 3.50-3.85MC on 20 M band, 3.50-3.95MC on 15 M band, 3.50-5.20MC on 10 M band. TUBES: 2-6BA6, 1-6BL8. CONTROLS: Antenna Trim Function, Band Switch and Gain.

Now Lafayette offers you an opportunity to improve your receiver at little additional cost. The "Precon" is a crystal-controlled dual function unit for the price of one. As a preselector, it can be used ahead of any receiver to greatly improve gain, image rejection, and sensitivity. Covers the often used 80, 40, 20, 15 and 10-meter amateur bands. Tuned interstage circuits and 2 stages of RF amplification assures a high signal-to-noise ratio... pulls in weak stations like they were around the corner! A signal boost of several S-units will be immediately noticed. As a converter, your receiver's range can be extended to 30 MC. Complete band coverage is available with simple bandswitch. Sensitivity and stability are excellent. Antenna trimmer on front panel. 3 crystals are included for 20, 15 and 10 meter bands. Installation is simple. 52-ohm antenna co-axial connector is built-in. PL-259 connector required for output cable. Attractive, modern steel cabinet with 4 rubber feet. Operates on 117 V 50/60 cycles. AC. Size: 10Wx6Hx8"D. Net 49.50
NE-73 Shpg. wt., 10 lbs. Imported

SPECIFICATIONS

FREQUENCY COVERAGE: 80m (3.5MC-4.0MC), 40m (7.0MC-7.3MC), 20m (14.0MC-14.35MC), 15m (21.0MC-21.45MC), 10m (28.0MC-29.7MC), 6m (50.0MC-54.0MC). OUTPUT FREQUENCY: 3.5MC and 7MC for 80-10 Meters, 8.5MC for 6 Meters. OUTPUT POWER: 2.5W max.

A rugged, high quality variable frequency oscillator which is exceptionally stable. The "Starchief" VFO features a Clapp oscillator noted for its drift-free characteristics. All heat producing components are mounted away from the oscillator which is also completely shielded. Frequency stability after a short warmup is insured by quality temperature compensated oscillator components. Precision dial drive gives you precise tuning control over the 6 amateur bands... 80, 40, 20, 15, 10 and 6 meters. The crystal oscillator may be calibrated with a 3.5 MC calibrating crystal from the front panel. This front panel crystal socket allows instant crystal selection without changing transmitter connections. The built-in power supply with an OA2 voltage regulator tube further assures the excellent low-drift performance. Output voltage to 20 volts on 80 meters makes this unit adaptable to many transmitters. Tube complement: 6BA6 oscillator, 6BA6 buffer, 6AQ5 power amplifier, OA2 voltage stabilizer. Housed in an attractive steel cabinet for maximum mechanical stability. For 117 volts 50/60 cycles AC. Size: 8 1/4" W x 7 3/4" H x 10" D. Net 44.50
NE-74 Shpg. wt., 13 1/4 lbs. Imported

LAFAYETTE RADIO for OUTSTANDING

LAFAYETTE TM-59'er "S" METER



895

LAFAYETTE RADIO FIELD INDICATOR



695

LAFAYETTE TRANSISTORIZED FIELD STRENGTH METER



1595

- Now For Hams, SWL's and CB'ers—A Signal Strength Meter Using VTVM Principles
- Easy To Install and Operate
- Magnetic Feet For Mobile Dashboard Mounting
- Sensitivity and Zero Adjust Controls

Designed for use with any superheterodyne receiver employing AVC. The TM-59'er utilizes a impedance high input circuit which produces no detrimental loading effect upon the receiver. Meter is calibrated in "S" units from 1 to 9, and in db up to 30db over S9. Includes zero adjust and sensitivity controls. Partial peak clipping is provided for noise limiting. Installation is simple—only 5 leads to connect for input, B+, filament and ground. The use of a 12AU7 tube makes the TM-59'er adaptable to either 6 or 12 volt equipment, and to receivers using 150 ma or 300 ma series string filament systems. Requires 150-200 VDC for B+ which can be "stolen" from most receiver power supplies. Complete with 12AU7 and installation instructions. Imported. TM-59A Shpg. wt., 2 lbs. Net 8.95

A MUST FOR ALL HAM AND CB OPERATORS

- Continuously indicates transmitter output
- Rugged 200 μ a meter movement
- Requires no Electricity, Batteries, or Transmitter Connection
- Powerful Magnet on Bottom Plate for Mounting on Dashboard or Other Metal Surface

With this rugged, radio field indicator you can check performance of your marine, mobile or fixed transmitter. Features a 200 μ a meter movement with variable sensitivity control. Earphones can be plugged in for an aural check of output. Antenna extends from 3/4" to 10 3/4". Powerful magnet on bottom plate allows easy mounting on car dashboard or metal surfaces. Use anywhere . . . requires no electricity or batteries. Dimensions: (less antenna) 3 1/2"Wx2 1/4"Hx 2"D. Imported. TM-14 Shpg. wt., 7 oz. Net 6.95 High output crystal earpiece for use with TM-14. Net 1.09 MS-949

- Permits Easy Tune-Up For Maximum Transmitter Output
- Earphone Jack to Monitor Audio
- Tuned Input from 2.53 to 57 MC

A transistorized, tuned field strength meter covering 2.530 Mc to 57.000 Mc in 3 bands. Ideal for use with ham, Citizens Band or other transmitters within this frequency range. Enables user to tune his transmitter and antenna for maximum RF output. The RF is sampled by a plug-in telescoping antenna (supplied) and relative field strength is read on a 200 μ a meter calibrated from 0 to 10. Earphone jack provided for the monitoring of any audio on the signal. Electrical and mechanical zero adjustments on front panel. Other controls: gain/on-off switch, tuning, and band selector switch. Powered by single small 1 1/2 volt battery with lifetime approaching "shelf-life"—can be operated anywhere. In attractive metal cabinet with telescoping antenna and battery. Imported. TM-16A Shpg. wt., 2 lbs. Net 15.95 High output earpiece for use with TM-16A. Net 1.09 MS-439 BA-155 Replacement battery for above Net 1.13

LAFAYETTE HE-28 ONE KILOWATT RF WATTMETER AND SWR BRIDGE

- Measures SWR and Relative Power Output Up to One Kilowatt • Built-in Dummy Load for Direct Power Readings Up to 150 Watts • For Use With 52 and 75 Ohm Transmission Lines



3595

BUY ON TIME SEE PAGE 412

A combined SWR and power output indicator which will handle up to a full kilowatt of RF. Measures standing wave ratios from 1:1 to 4:1 on either 52 or 75 ohm lines. Actual transmitter power output into a self-contained 52 ohm dummy load can be read directly on the 4 1/2" meter in 2 ranges: 0-15 and 0-150 watts full scale. Relative power may be read up to one kilowatt. SWR readings within 10% from 1.5 to 30 Mc; RF power readings within 5% full scale from 0.1 to 50 Mc. The HE-28 may be left permanently in the transmission line for continuous monitoring of relative output or SWR, so that any abnormal variations in the source or antenna system will immediately be shown up. Indicator consumes negligible power. The transmitter output and antenna are connected to the meter by means of standard VHF coaxial connectors. Two line impedance slide switches in rear are set to match either a 52 or a 75 ohm transmission line. Three-position function switch on front panel is set to POWER for direct power readings up to 150 watts to SWR SET for adjusting the bridge, and to SWR for SWR reading. Readings and relative power measurements up to 1 kilowatt. Size: 4 3/4"Wx4 1/2"Dx7 1/2"H. In an attractive grey crackle finish, with rubber feet. Complete with carrying handle and instructions. Imported. HE-28 Shpg. wt., 7 lbs. Net 35.95

NEW! LAFAYETTE HE-72 SWR and FIELD STRENGTH METER



AT LAFAYETTE'S
REMARKABLE
LOW, LOW
PRICE

1295

- Measures SWR, Relative Forward and Reflected Power to 1 KW
- Reads Field Strength

SPECIFICATIONS

• SWR: 1:1 to 3:1; Accuracy: ± 5 db, 2 to 30 MC; Impedance: 52 Ohms; Antenna: 5-section, collapsible

The Model HE-72 is a handy 2-in-1 meter for use in the amateur radio station to check transmitters for SWR measurements. The HE-72 uses the bridge method of comparing the power supplied to and reflected from the antenna system. Can be left continuously in the circuit for monitoring transmitter outputs. The HE-72 has been designed so that comparative RF field strengths can be determined. By fastening the collapsible pickup antenna to the instrument and extending it full length, you have a quality meter to check performances of marine, mobile or fixed transmitters. Sensitive 100 microammeter movement with easy to read 2-color dial. Impedance matches 52 Ohm coaxial lines. Attractive grey hammertone aluminum case. Size: 1 3/4"Wx5 1/4"Hx2 1/4". Imported. HE-72 Shpg. wt., 1 lb. Net 12.95

LAFAYETTE MINIATURE ILLUMINATED "S" METER

- Jeweled Bearings • Clear Plastic Front
- Accuracy 2% of Full Scale
- High Quality D'Arsonval Movement



295

A quality S meter for compact installations. Durable wrap-around plastic front panel provides wide-angle readability. Zero adjustment screw on front panel; jeweled bearing movement. Calibrated in "S" units from 0-9 with the scale terminating in +10 and +30 calibrations. Additional full scale calibrations of 0-5 and 0-10 in linear scale divisions. White dials; black numerals and pointers. Illuminating lamp for either 6 or 12 volt operation. 1 3/4" dial face; 1 1/4" overall behind panel. Supplied with mounting screws. Imported. Shpg. wt., 8 oz. Net 2.95 TM-11

LAFAYETTE TM-26 ILLUMINATED COMMUNICATIONS 2 3/8" "S" METER

- Replaces Many Communications Receiver "S" Meters
- 2-Jewel Movement • Clear Plastic Front
- Calibrated to S9 + 40 db
- BIG BROTHER TO THE LAFAYETTE TM-11



395

An ideal signal strength meter (basic 1 ma, 2 jewel movement) designed to replace many "S" meters used in communications receivers. Clear plastic front measures 2 3/8" square and meter fits standard 2 1/4" round hole. Perfect for the experimenter and amateur. Complete with mounting screws, instructions for installation and use. For 6 volt or 12 volt operation. Zero adjustment control on front panel. Imported. Shpg. wt., 1 lb. Net 3.95 TM-26

VALUES in AMATEUR and SHORTWAVE EQUIPMENT

LAFAYETTE 2 AND 6 METER CONVERTERS



AS LOW AS
29⁹⁵

HE-56 LAFAYETTE 6-METER CONVERTER
• SELF-POWERED • PRINTED CIRCUIT
• 7-11 MC OUTPUT

A deluxe 6-meter converter designed to respond to the weakest signals with very low noise. The HE-56 will convert any shortwave receiver that tunes 7-11 Mc. to cover 50-54 Mc. Easy to install between main antenna and receiver's antenna terminals. When the converter's control switch is in the OFF position, signals from the main antenna will be fed around the converter circuit into the receiver thus the receiver will receive both the original frequencies and the 6-meter band. Rugged printed circuit and heavy gauge steel chassis make this unit as durable as the receiver it's connected to. SPECS: Freq. range—50-54 Mc. Crystal freq.—43 Mc. Sensitivity—better than 1 microvolt for 10 db s/n ratio. Image Rejection—in excess of 40 db. Antenna input impedance—52 ohms. Tubes: 6AQ8, 6BL8. For 117VAC. 50-60 cps. Size: 7½Hx3½Wx5½"D.

HE-56 Shpg. wt., 6 lbs. Imported Net 29.95

NEW! HE-71 LAFAYETTE 2-METER CONVERTER

Similar to HE-56 Except Covers 144-148 MC 2-Meter Band. Tubes: 2-6AQ8, 1-6AU6. Shpg. wt., 6 lbs. HE-71 Imported Net 32.95

LAFAYETTE MODEL TM-15A WAVE-METER



8⁹⁵

- For Amateur and CB Use
- Instant Readings of Transmitter RF Output
- Requires No Power
- Compact, Portable, Accurate

A miniature wavemeter for checking transmitter output. Determines relative strength of fundamental frequency and any harmonic or parasitic radiation, and in so doing aids in elimination of these unwanted emissions. Complete and self contained, the TM-15A requires no power source. Telescoping antenna is included. Merely choose proper band and turn tuning knob until meter reading is obtained. ¾" panel meter indicates the presence of RF. IF indications occur at several points within the range of the wavemeter, the transmitter is probably radiating spurious frequencies. Tunes 1.6 to 150 mc in four calibrated bands. Only 3½Wx2¼Hx1½"D. Antenna is 10¾" extended. 3¼" telescoped, is screw in type and is removable. Imported. Total shpg. wt., 8 oz.

TM-15A Net 8.95

TM-58 SWR BRIDGE AND RF POWER METER



EASY PAY PLAN
SEE PAGE 412

24⁹⁵

- Measures RF output Power Into Built-in 52 Ohm Dummy Load, Up to 15 Watts
- Measures SWR and Relative Power Up To 1 KW
- Can be Used in 52 and 75 Ohm Coaxial Lines

Here is a quality instrument which will give highly accurate SWR and direct power readings up to 50Mc. The unit may be permanently inserted in the transmission line for SWR and relative power monitoring. When the 3-position selector switch is set to POWER, the meter will indicate the RF power up to 15 watts, into a built-in 52 ohm resistive load employing quality non-inductive resistors. Full scale accuracy is 10%. The selector switch is set to SWR SET to read relative forward power up to 1 KW and to adjust the sensitivity control for SWR measurements. For direct SWR measurements from 1:1 to 4:1 with powers up to a kilowatt, the selector switch is set to SWR. Unit is inserted into the transmission line by means of two standard coax connectors, and 2 slide switches are set to 52 or 75 to correspond with line impedances of 52 or 75 ohms, respectively. Insertion loss is negligible. Meter has 50 µa movement: calibrated directly in watts from 0-15, and in SWR from 1 to 10 IF (reads infinity at full scale). Housed in an attractive grey metal cabinet, 3½x7¼x2¾". Sits on 4 rubber feet. Imported.

TM-58 Shpg. wt., 2 lbs. Net 24.95

LAFAYETTE HYBRID PHONE PATCH



EASY BUDGET PLAN
SEE PAGE 412

22⁵⁰

Enjoy the pleasure of handling phone patch traffic with this deluxe hybrid patch. Hybrid circuit permits use of AM or SSB with voice control by effectively isolating the receiver audio output from the transmitter audio input. Provides an accurate balance between 500 ohm line and station equipment—with negligible insertion loss. Four connections on rear for receiver output (voice coil, 3-4 ohms), transmitter input, Station microphone, and telephone. Easy to operate after a few preliminary adjustments, all from the front panel. Null and balance controls are adjusted, with the aid of readings on the edgewise panel VU meter, for balance and maximum receiver-transmitter isolation. Thus the receiver audio signal, which would ordinarily trip the VOX circuit, is balanced out from the transmitter audio section. The gain control is adjusted for proper transmitter and receiver audio level. VU meter continuously monitors line level. The patch can be switched in and out by means of a front panel switch, so that it may be permanently installed. Compact, sloping cabinet will fit into any station arrangement. Sits on 4 non-slip rubber feet. Size: 3½Hx5½Wx4"D. Imported.

HE-26 Shpg. wt., 3 lbs. Net 22.95

SECO MODEL 500 ALL TRANSISTORIZED 2-WAY RADIO TEST SET



29³⁵

- A Portable Crystal Checker, RF Signal and Field Strength meter in one compact unit.

Loaded with unique features, the Seco Model 500 Test Set cuts servicing and installation time on Citizen's Band and other crystal controlled two-way radio equipment; checks activity on third overtone transmitter crystals with a visual indication on output meter scale—checks fundamental types and third overtone receiver crystals at fundamental frequency. Completely self-contained and portable, the Model 500 is powered by a 1.5 volt "C" battery—use anywhere—the 15 ft. remote cable lets you check equipment in a car, boat or plane by simply placing the tester in any convenient location. Model 500 complete with 15 ft. remote cable and "C" battery.

HE-765 Net 29.35

Pesco CB TRANS

-I-CHECKS
Model
CB-52-C

18⁹⁵



The Transcheck is a test instrument to check power output and antenna efficiency of Citizens Band Transmitters. Incorporates a sensitive Indicating meter with dual scales: Upper scale indicates match or mis-match of line to antenna; lower scale indicates power output. Dim. 4¼Lx2¼Wx1½"D. Model CB-52-C. With Coax Connector. HE-190 Shpg. wt., 3 lbs. Net 19.95 Model CB-52-S With auto spade connector. HE-191 Shpg. wt., 3 lbs. Net 18.95

Pesco METER MODEL

CM52 SWR

29⁹⁵



A quality instrument for continuous measurement of standing waves on transmission lines. For continuous line insertion at powers from 25 to 1000 watts, 3 to 2000 megacycles. Requires only 10 watts output above 7 mc, 5 watts above 100 mc. SWR observed immediately at all times without adjustment of Reflectometer. Line insertion loss less than 1 db at 30 mc. Gray hammertone aluminum case measures 5¼Lx3Wx2¼"D. For 52 ohm line. HE-193 Shpg. wt., 3 lbs. Net 29.95

B & W
MODEL 600
GRID-DIP
METER

48⁶¹

NO MONEY
DOWN



Versatile test instrument for shop or ham shack. Tunes 1.75 to 260 mc. in five ranges, uses color-coded dial and plug-in coils. Used as grid-dip meter, signal generator or wave-meter. Complete with coils and rack. For 110-120 volts AC. Size 3x3x7". Shpg. wt., 3 lbs. Grid-Dip Meter. HE-300 Net 48.61

NEW!

LAFAYETTE HB-115 PUSH-TO-TALK CITIZENS BAND TRANSCEIVER



MADE IN U.S.A.

NEW CB VALUE SENSATION!

59⁹⁵
NO MONEY DOWN
\$5 monthly

- 12 Tube Functions, Plus 1 Diode, Plus 2 Silicon Rectifiers
- 8 Crystal-Controlled Transmitting Positions
- Tunable Superheterodyne Receiver Over All 23 Channels
- Electronic Push-To-Talk Switching
- Push-To-Talk Ceramic Microphone
- Pi-Network for Maximum Power Output
- External Speaker/Earphone Jack on Front Panel
- Full-Wave Variable Noise Limiter
- Separate On-Off Power Switch
- Supplied with Channel 15 Transmitting Crystal
- Attractively Styled, Ruggedly Built

Lafayette's new CB value sensation consists of an attractive compact transceiver with exceptional performance on Class "D" Citizens Band. Two or more HB-115's will supply you with reliable communications over distances of up to 20 miles or more depending on antenna height and terrain. The HB-115 features 8 crystal-controlled transmitting channels operating at the maximum legal input power of 5 watts fully modulated; a pi-network output which matches 30-100 ohm antennas for maximum output; RF stage in transmit and receive sections. The super-heterodyne receiver is tunable on all 23 channels with over 2 watts audio output, has Automatic Volume Control and a very effective full-wave variable Noise Limiter. This "hot" CB transceiver also features Electronic Switching with efficient push-to-talk Ceramic microphone; a front panel speaker/earphone jack for an extra external speaker or for an earphone or headset for quiet listening; a separate on-off power switch for trouble-free economy of operation. The HB-115 has accurate planetary vernier tuning. Controls: Tuning, Volume, Variable Noise Limiter, 8-position Crystal Selector and Power Indicator. Power receptacle in rear for 115-volt AC line cord and 6 or 12-volt external mobile power supply.

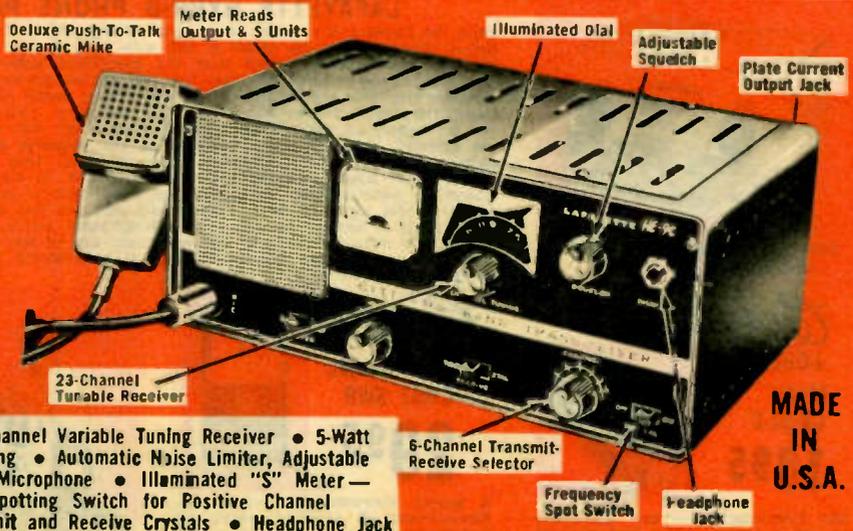
Supplied complete with Channel 15 transmitting crystal, efficient push-to-talk ceramic microphone, and mounting brackets. Tubes 2-6AU8A/6EA8, 6AL5, 6AQ5, 12AX7, 6AW8 plus 1 crystal diode and 2 silicon rectifiers. 6 or 12-volt power supply optional (see below). Size 11½x5x6¾"D. Shpg. wt., 13 lbs.
 HB-115WX Net 59.95
 POWER SUPPLY: Adapts HB-115 for mobile operation. Complete with cable and mounting flanges. Size 6Wx4Hx4¼"D; Shpg. wt., 4 lbs.
 HE-16W For 12 Volts Net 10.95
 HE-18W For 6 Volts Net 10.95
 TRANSMITTING CRYSTALS: For any of the 23 channels. Specify channel or frequency.
 HE-830C Net 2.25
 ANTENNA: Base-loaded telescoping whip antenna with PL-25E coax connector. For short distance operation. Mounts directly on rear of cabinet. Telescopes to only 15". Shpg. wt., 2 lbs.
 HE-19 Net 3.95

LAFAYETTE HE-90 CITIZENS BAND TRANSCEIVER

89⁹⁵
NO MONEY DOWN

\$5 monthly

Now—Wired to Accept Lafayette HA-100 PRIVA-COM Selective Call Unit!



MADE IN U.S.A.

- 6-Channel Crystal Controlled Transmit/Receive — 23 Channel Variable Tuning Receiver • 5-Watt Transmitter — Nuvistor RF Amplifier • Electronic Switching • Automatic Noise Limiter, Adjustable Squelch, Full AVC • Dependable Push-to-Talk Ceramic Microphone • Illuminated "S" Meter — For Direct Relative RF Power and "S" Readings • Spotting Switch for Positive Channel Location On Tunable Receive • With Channel 9 Transmit and Receive Crystals • Headphone Jack

Here it is—a deluxe CB transceiver. For 2-way mobile or base station use—All at a sensational low price. Permits up to 6 crystal-controlled transmitting and receive channels and a full 23-channel variable tuned receiver with illuminated dial and planetary tuning mechanism for accurate tuning. 3-transformer IF circuit provides razor sharp selectivity. Nuvistor RF amplifier in receiver gives 1 µv sensitivity. Other features include a sensitive adjustable squelch circuit, automatic volume control which does not reduce sensitivity, electronic push-to-talk switching and effective automatic noise limiter. Transmitter features 5-watt input power, Pi-network output matches 30-100 ohm antennas and TVI filter. Controls: On/Off Volume, Squelch, Tuning, Spot Switch, Channel Selector, Meter Switch, Tune-Fixed Selector, Headphone jack. Built-in 3" Speaker. For 117V AC. 15-tube function.

Tubes: 6DS4 (Nuvistor), (2) 6EA8/6U8A, 6AU6, 6T8, 6AQ5A, 5AW8A, IN34A silicon diode doubler. Includes set of crystals for Channel 9. Push-to-Talk highly dependable ceramic mike and coiled cord with plug. 11½x5x6¾" Shpg. wt., 14 lbs.
 HE-90WX Less Mobile Power Supply Net 89.95
 HE-91W 12-Volt Mobile Power Supply for HE-90WX. Shpg. wt., 4 lbs. Net 11.50
 HE-830C Transmit Crystal (Specify Channel or Frequency) Net 2.25
 HE-22C Receive Crystal (Specify Channel) Net 2.25

NEW! SELECTIVE CALL PACKAGE

HE-90 plus HA-100 PRIVA-COM Selective Call Unit. HE-474WX Net 121.20

LAFAYETTE HE-20C

DELUXE CITIZENS BAND TRANSCEIVER

NOW WITH...

- 8 CRYSTAL RECEIVE POSITIONS
- 8 CRYSTAL TRANSMIT POSITIONS
- SPOTTING SWITCH for Positive Frequency Location on Tuneable Receive
- NEW BUILT-IN SELECTIVE CALL CIRCUITRY AND SOCKET!

Not A Kit!
COMPLETELY WIRED!



MADE IN U.S.A.

109⁵⁰ NO MONEY
DOWN

UP TO 24 MONTHS TO PAY SEE PAGE 412

Operating within the limits prescribed by the FCC, the popular Lafayette HE-20C supplies you with a highly efficient 2-way radio-telephone communications system. Two or more will supply effective communications over a distance of up to 20 miles or more, depending on the terrain and the height of the antenna. 3 dual-function tubes, 1-Quadri-purpose tube, 3 tubes, and 2 Silicon rectifiers give 14-tube performance. The transmitter section features precision engineering to insure power-packed communications. The 5-watt input, crystal-controlled transmitter may be operated on any 8 of the 23 channels assigned by the FCC. The receiver circuits provide for 8 crystal controlled receiving channels plus a tuneable superheterodyne receiver that covers all 23 assigned channels, with a sensitivity of 1 microvolt. Effective built-in Squelch circuit quiets the receiver when no signal is being received. Series Gate Noise Limiter materially reduces ignition noise and other unwanted interference. An illuminated dial with planetary vernier tuning is clearly marked with channel numbers and lights up when tuned to any channel. New tuneable or fixed receiver switch permits selection of tuneable and fixed receive operation. The receiver terminates in 4" speaker amply supplied by over 2 watts of audio power.

The unit comes complete with a push-to-talk ceramic microphone that is conveniently mounted to the transceiver. Push-to-talk operation is accomplished by dependable relay switching. An illuminated "S" meter calibrated in S units 1-9 and to 30 db, above S-9, allows measurement of incoming signal strength. The meter is wired with a switch to enable monitoring of final amplifier relative wattage output and as indicator of transmitter efficiency. Features spotting switch for positive frequency location on tuneable receive. Incorporates Pi-network for optimum matching to 30-100 ohm antenna for high signal output. A low-loss antenna jack is mounted at the rear of the cabinet to accept the popular PL-259 connector used with dipole, ground plane, rod, and direct mounting (Lafayette HE-19) antennas. Incorporates selective call wiring plus input socket on rear of chassis for silent communications between calls when used with Lafayette HA-100 PRIVA-COM Selective Call Unit. Rugged, low silhouette case with a bracket handle for installation at any location and in any position. Tube line up 1-6AW8A, Oscillator/Amplifier; 1-6BA6, RF Amplifier; 1-6AU6A 1st IF Amplifier; 1-6EA8/6U8A, mixer/rec. osc. 1-6U8A/6EA8, 2nd IF Amplifier and 1st Audio Amplifier; 1-6AQ5A Audio Output/Modulator; 1-6T8, ANL, Detector, AGC, Squelch Clamp and 2nd Audio Amplifier. Size: 12x5x8½"D. With 115 Volts AC/12 Volts DC or 115 Volts AC/6 Volts DC Power supply.

HE-20CW 115 AC/12 Volts DC. Shpg. wt., 14 lbs. Net 109.50
HE-43CW 115 Volts AC/6 Volts DC Net 109.50
HE-830 Transmit Crystal (Specify Channel or Frequency) Net 2.25
HE-22 Receive Crystal (Specify Channel) Net 2.25
HE-19 Direct plug in antenna (for short distances) Shpg. wt., 1 lb. Net 3.95

**EXCELLENT FOR
BUSINESS, FARM,
INDUSTRY, CAR,
BOAT, PERSONAL
AND SPORTS USE**

APPROVED FOR USE IN

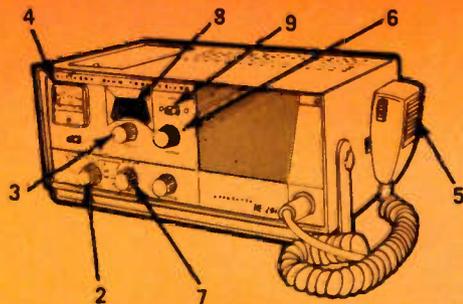


CANADA



By Canadian Dept. of Transport
Type Approval No. 169361029

**LOOK
AT
THESE
QUALITY
FEATURES**



- 1 14-Tube Performance, 2 Diodes, 3 Rectifiers
- 2 { 8 Crystal-Controlled Transmit Positions
8 Crystal-Controlled Receive Positions
- 3 Tuneable Receiver over all 23 channels
- 4 Illuminated Direct Reading "S" Meter for Relative RF Power Output, Receiver "S" Readings, and Transmitter and Antenna Efficiency
- 5 Dependable Push-To-Talk Ceramic Microphone
- 6 Adjustable Squelch Control
- 7 Receive Tuneable or Fixed Crystal Selector Switch
- 8 Illuminated Dial
- 9 Spotting Switch for Positive Frequency Location on Tuneable Receive
- 10 Highly Effective Automatic Series Gate Noise Limiter
- 11 Built-in 12 or 6-volt Power Supply for Mobile Use
- 12 Complete with channel 9 Transmit & Receive Crystals
- 13 Built-In Selective Call Circuitry For Lafayette HA-100 PRIVA-COM Selective Call Unit
- 14 Dependable Relay Switching

NEW! SELECTIVE CALL PACKAGE



HE-20C plus HA-100 PRIVA-COM™
Selective Call Unit

HE-473WXM Shpg. wt., 17½ lbs. Net 140.75
See page 272 for full description of HA-100

SEE PAGES 402 AND 403 FOR ADDITIONAL LAFAYETTE CITIZENS BAND EQUIPMENT

NEW! LAFAYETTE 23-CHANNEL CRYSTAL CONTROLLED CITIZENS BAND TRANSCEIVER Model HB-222

Lafayette's amazing new HB-222 23-Channel Crystal Controlled Citizens band Transceiver combines all the best features of crystal control transmit and receive and tuneable receive. You no longer have to worry about the accuracy of a tuneable receiver! In effect you have a tuneable receiver with crystal accuracy on every channel! The HB-222 features a 23 channel crystal controlled dual conversion superheterodyne receiver using a 1650 KC & 262 KC IF system for excellent selectivity & sensitivity, and a 23 channel crystal controlled transmitter with all necessary crystals supplied. Channel fine tuning is supplied to compensate for crystal tolerance. In addition it features a sensitive illuminated panel meter with a 3-position switch that indicates relative RF power output and modulation, and serves as an "S" meter calibrated in S units 1-9 and to 30 db above S-9 for reading strength of received signal; Push-to-talk dependable Relay Switching using an efficient noise cancelling ceramic microphone; An adjustable squelch control with automatic series gate noise limiter with on-off switch; A unique illuminated channel Selector Dial; PI-network output for optimum matching to 30 to 100 ohm antennas, Earphone jack on front panel for optional quiet listening. The transceiver has full 100% modulation. The receiver has a sensitivity of better than 1 microvolt, with an audio output of 3 watts to a high quality P.M. speaker. Its signal to noise ratio is better than 1 microvolt for a 10:1 S/N ratio. *Wired to accept HA-100 PRIVA-COM selective caller.

Tube Complement: 6A28 RF Amplifier, Low Frequency Osc.; 6A28 1st Mixer, Conversion osc.; 12AT7 2nd Conversion osc. and Audio Amplifier; 6BA6 IF Amplifier; 6B17 Detector, Limiter, and Squelch; EL84/6BQ5 Modulator, AF Power Amplifier; 6AV6 Audio Driver; 6BA6 RF Driver; 6DS5 RF Power Output; 6BE6 2nd Mixer. Complete with bracket handle for underdash mount; built-in 117 Volt AC Power Supply and 12 Volt DC mobile Transistorized Power Supply with appropriate AC & DC Power Plugs. Equipment protectively fused for AC & DC. Attractive sturdy panel and case with chrome plated bezel. Size Approx 12x5x8 1/2".

HB-222WX Shpg. wt., 15 lbs. Net 159.50
SELECTIVE CALL PACKAGE HB-222 C-3, Transceiver plus HA-100 Selective Call Unit. Net 190.75
HB-225WXM Shpg. wt., 18 1/2 lbs.



Made in U.S.A. **159⁵⁰**
DELIVERY OCTOBER 1963

- 23-Channel Crystal Controlled Receiver — All Crystals Supplied!
- 23-Channel Crystal Controlled Transmitter — All Crystals Supplied!
- A Flip of The Channel Selector Switch Gets You Any one of 23 Active Channels With Crystal Accuracy.
- Dual Conversion Superheterodyne Receiver Using 1650KC and 262KC IF's For High Selectivity and Sensitivity
- Push-to-Talk Relay Switching Using Noise Cancelling Ceramic Microphone
- 10 Tubes plus 3 Silicon Power Rectifiers For 17 Tube Performance

WITH THESE QUALITY FEATURES

1. Illuminated Meter Indicates Relative RF Output Power, "S" reading, and Modulation
2. Noise Cancelling Push-To-Talk Ceramic Microphone.
3. Adjustable Squelch Control with Automatic Noise Limiter Switching.
4. Illuminated Channel Selector Dial
5. Earphone Jack
6. Channel Fine Tuning Control
7. Built-In 117V AC Power Supply and 12 Volts DC Mobile Transistorized Power Supply.
8. Wired to Accept HA-100 PRIVA-COM



NEW! LAFAYETTE "PRIVA-COM"™ SELECTIVE CALLER MODEL HA-100

- Excellent performer with Lafayette HE-20, HE-90, HE-15, HB-111, HB-115, HB-222 as well as with any push-to-talk CB Transceiver! "PRIVA-COM" Selective Caller is truly a must for all CB and commercial stations!

The tone sounds and the signal light goes on. Your receiver's speaker is automatically activated and you can speak and listen to your calling station. The light stays on until manually reset. If you are away from vehicle or station an activated light indicates that you have been called by your base or mobile station. Each "PRIVA-COM" can transmit 6 different combinations of dual tone frequencies for even greater privacy. A simple step enables you to change frequencies. The breakthrough call signal has greater range than the speech signal alerting you for incoming calls. Both Base station and Mobile can initiate calls. By placing lever in NORMAL position, base station and mobile can monitor air at anytime. The front panel has a lever switch with STANDBY, NORMAL and CALL positions; a volume control; and an indicating light. Comes complete with bracket for mounting to transceiver; plus detailed instructions for wiring "PRIVA-COM" to Lafayette HE-20, HE-90, & Polytronic, as well as to any other set with push-to-talk operation. Size 3 3/8" x 3 3/4" x 5 1/2" D. Shpg. wt., 3 1/2 lbs.

Each Net 32.50
2 for 62.50



Not a Kit—completely wired



Made in U.S.A.

- No More Listening Fatigue and Headaches from Monitoring the air for Your Call!
- Ingenious Simultaneous Dual Tone Signalling Minimizes Possibility of Hearing Unwanted Signals!

At the Sensationally Low Price of Only **32⁵⁰** 2-for-62.50

SEE PAGES 402 AND 403 FOR ADDITIONAL LAFAYETTE CITIZENS BAND EQUIPMENT

NEW! LAFAYETTE DELUXE DUAL CONVERSION CITIZENS BAND TRANSCEIVER

Model HB-111



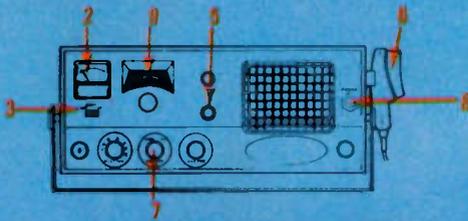
129⁵⁰

No Money Down

- Dual Conversion For Exceptional Selectivity and Gain. • 9 Tubes plus 3 Silicon Diodes plus 2 Crystal Diodes for 17 Tube Performance • 8-Crystal Receive Positions plus 8-Crystal Transmit Positions plus 23 channel Tunable Receive • Relay Switching • Spotting Switch for Exact Frequency Location on Tuneable Receive • Wired to Accept HA-100 PRIVA-COM Selective Call Unit • Built-In 117 Volt AC Power Supply and 12 Volt DC Mobile Transistorized Power Supply

MADE IN U.S.A.

LOOK AT THESE SPARKLING FEATURES!



1. 13 MC Transmit Crystal for Extra Stability
2. Illuminated Meter With 3 Position Switch Indicates "S" Readings, Relative Power Output, And Modulation.
3. Spotting Switch
4. Dual Cascade Series Gate Noise Limiter
5. Adjustable Squelch
6. Noise-Cancelling Push-To-Talk Ceramic Microphone
7. Receive Tunable or Crystal Selector Switch
8. Phone Jack For Quiet Listening
9. Illuminated Dial
10. Attractive Styling With Chrome Plated Bezel and Aluminum Knobs
11. Supplied With Pair of Transmit/Receive Crystals For Channel 15 plus Crystal For Dual Conversion
12. Hand Wired

SUPER Selectivity - Sensitivity - Stability

Lafayette advances its leadership in the Citizens Band field with this superb Dual Conversion Deluxe Citizens Band Transceiver.

The excellent selectivity and gain of its dual conversion circuitry makes the Lafayette HB-111 a natural for efficient fixed and mobile communications over distances of up to 20 miles or more, depending on the terrain and the height of the antenna.

The 5-watt input highly efficient crystal-controlled transmitter may be operated on any 8 of the 23 channels assigned by the FCC. The dual conversion receiver circuit provides for 8 crystal controlled receiving channels plus a tuneable superheterodyne receiver that covers all 23 assigned channels with a sensitivity of 1 microvolt. The receiver supplies 3 watts of audio power to a 4" speaker. 13-megacycle crystals are employed for extra stability. An adjustable squelch circuit quiets the receiver when no signal is being received. A dual cascade series gate noise limiter effectively reduces ignition and unwanted noises. The channel numbers are clearly indicated on an illuminated dial that is actuated by planetary vernier tuning. A sensitive illuminated panel meter calibrated in "S" units 1-9 and to 30 db above S-9, plus 0-10 and 0-5 is utilized with a 3-position switch to indicate incoming signal strength, relative power output and modulation. The HB-111 transceiver also features dependable relay switching; a Spotting Switch for locating exact frequency on tuneable receive, and a front panel phone Jack for quiet listening. It incorporates a PI-network for matching the output to 30-100 ohm antennas for maximum signal output; Selective call circuitry plus input socket on rear of chassis for silent communications between calls when used with Lafayette HA-100 PRIVA-COM selective call unit. A rear mounted low-loss antenna jack accepts PL-259 connector used with dipole, ground plane, rod and direct mounting (Lafayette HE-19) antennas.

Tube Complement: 6BA6-Receive RF Amplifier, 6EA8-Converter and Oscillator, 6BE6-2nd Crystal controlled Oscillator and Converter, 6EA8-IF Amplifier and Microphone Preamplifier, 6BJ7-2nd Detector and dual cascade noise limiter, 6AV6-Audio Amplifier and Squelch, Squelch Clamp; 6AQ5-Audio Power Amp and Modulator, 6C4-Crystal Oscillator and doubler, 6BQ5-Final RF Amplifier; 2 power silicon rectifiers, 1 silicon rectifier for bias supply, 1 diode for RF power measurement-to-antenna and 1 diode for modulated power. Attractively styled low silhouetted transceiver with aluminum knobs and rugged case with chrome plated bezel.

Complete with bracket handle, efficient noise-cancelling Push-to-Talk Ceramic Microphone, pair of transmit and receive Crystals for channel 15 plus crystal for dual conversion, and built-in 117-volt AC Power Supply with 12-Volt DC Mobile Transistorized Power Supply.

HB-111WX Size: 12x5x8½"D. Shpg. wt., 15 lbs.	Net 129.50
HE-96C 13 MC Transmit Crystal (Specify Channel)	Net 2.50
HE-22C Receive Crystal (Specify Channel)	Net 2.25
HE-19 Direct Plug-In Antenna for Short Distances. Shpg. wt., 1 lb	Net 3.95

SELECTIVE CALL PACKAGE	
HB-111 CB Transceiver plus HA-100 Selective Call Unit.	
HB-114WXM	Net 160.75

SEE PAGES 402 AND 403 FOR ADDITIONAL LAFAYETTE CITIZENS BAND EQUIPMENT

Lafayette 10-TRANSISTOR CITIZENS BAND

"WALKIE TALKIE" MODEL HA-60

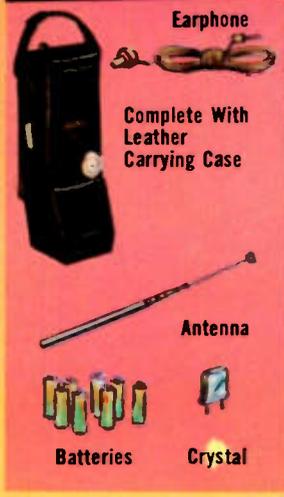
SEPARATE MICROPHONE AND SPEAKER

- Crystal Controlled Superheterodyne Receiver with RF Stage, AVC
- Separate Microphone and Speaker For Better Modulation & Increased Range
- 1 μ v Sensitivity For 10 DB S/N Ratio
- 10 Transistors, Diode, Thermistor
- Crystal Controlled Transmitter
- Uses Economical Penlight Batteries
- Range 1-3 Miles
- No License, Tests or Age Limits (FCC PT. 15)

Beautifully designed for both ease of operation and powerful performance. Ideal for use in business, industry or personal use. Features include 10-transistor circuit, crystal control highly sensitive superheterodyne receiver with RF amplifier. Automatic volume control and push-pull audio. Separate speaker and microphone provides maximum signal efficiency even under difficult conditions. Use of a separate microphone facilitates a proper impedance match for better modulation and improved transmission range. Input power to transmitter 100 milliwatts. Effective communications is possible from 1 to 3 miles depending on terrain. Simple operation is made possible with sturdy push-to-talk switch and volume control. Earphone is provided for private reception. 44" whip antenna collapses fully when not used. Power is supplied by 8 inexpensive penlight batteries. To conserve battery power, a 117V AC power converter is available as an optional plug-in accessory housed in rugged hi-impact plastic case. Complete with leather case, earphone, antenna, batteries and crystal for channel 10. Size: 3Wx9Hx2 3/4"D. Imported.

HA-60L 2 lbs.	2 for	Net 33.95
CRYSTALS FOR HA-60		62.90
Matched crystals for above. Specify frequency		
HE-892C Pair		Net 4.50
AC POWER PACK FOR HA-60		
Heavy duty 117V 60 cycle AC power supply to 9V DC. Replaces 8 "Z" cells. wt. 1 lb.		
HE-97		Net 7.45
HA-61L Same as HA-60 but specify channel other than 10 (2-23)		Net 33.95

ONLY
33⁹⁵
NO MONEY DOWN
2 for 62.90



New!



OTHER CHANNELS ARE AVAILABLE if desired with any channel other than channel 10 order HA-61 and specify channel (2-23).

New! Lafayette 4-TRANSISTOR SUPERHETERODYNE CITIZENS BAND "WALKIE TALKIE" MODEL HE-82



Operates With Built-in Batteries Or 117VAC Power Supply

19⁹⁵ NO MONEY DOWN
2 for 38.95

- Sensitive Superheterodyne Circuit
- Crystal-Controlled Receive and Transmit
- Personal Size
- Quick-Acting Push-To-Talk Switch
- Range Up to 1 Mile
- Rugged Metal Case

The fun set for the whole family. Perfect for short-range indoor or outdoor communications—sportsmen, farmers, construction work, boating, anywhere group activities are to be coordinated. Powered by built-in batteries, or it may be run on house current by simple plug-in connection to 117 VAC converter (below). Not a toy but a true Superheterodyne transceiver which provides exact crystal frequency control for both receive and transmit channels on the 27 MC Citizens Band. The sensitive circuit has a range of up to 1 mile under average conditions. High speed operation is possible with fingertip push-to-talk switch and on/off volume control. Nothing could be simpler. No license is required when used under Article 15 of FCC CB regulations. Reliable 4-transistor plus diode circuit delivers 85 milliwatts of power to a 10 section antenna 50 inches long. Complete in attractive blue and black metal case with leather carrying case, crystals, batteries, and crystals for channel 10. Size: 2 1/2 Wx6 Hx1 1/2 D. Shpg. wt., 1 lb. Imported.

HE-82L Net 19.95 Set of 2 Net 38.95
Replacement batteries for HE-82 "Walkie Talkie" 6 required.
BA-155 "Z" cells Net ea. .13

AC TO DC POWER SUPPLY CONVERTERS

- Safe Fused Circuit
- Provide Sturdy Base For HA-60 and HE-82
- Conserves and Rejuvenates Batteries



HE-82 or HA-60 walkie-talkie fits directly into slot. Permits home AC operation. Converts 117 VAC to 9 VDC. Imported 5 3/4 Wx3 1/4 Hx5 D. Shpg. wt., 2 lbs.

HE-84 For HE-82 Net 6.95
HE-97 For HA-60 Net 7.45

TRANSISTORIZED CB PORTABLE TRANSCIEVERS

NEW hallicrafters CB-6 100-MW CITIZENS BAND TRANSCIEVER

- 9 Transistors, Diode And Thermistor
- 1 Microvolt Sensitivity
- Plug-In Crystals
- Includes Leather Carrying Case

Designed to meet the need of modern business and personal communications in 27 mc class D service. No license is required to operate this unit when used according to part 15 FCC rules. Uses plug-in crystals for simple channel change-over. Contains 9 transistors, 1 diode and thermistor. Sensitivity 1 microvolt. Crystal-controlled transmit and receive. Built-in antenna extends to 55 inches. Operates on 8 penlight batteries with 50 hour battery life. Sturdy metal construction. Only 8Hx6Wx2 3/4"D. Comes complete with genuine leather carrying case, earphone for private listening, case shoulder strap and crystals for channel 11. Shpg. wt. 2 3/4 lbs. MA-166L Model CB-6 less batteries Net 59.95
BA-155 Batteries for CB-6 (8 req.) Net ea., .13

E. F. JOHNSON 1.5-WATT PERSONAL MESSENGER 2-WAY TRANSCIEVER

- 11 Transistors, 4 Diodes
- Noise Limiter, Variable Squelch
- Automatic Volume Control
- Push-Pull Audio Output

The 1.5-watt Personal Messenger doubles your effective operating range over 100 mw units. Hand held circuit features 11 transistors, 4 diodes; crystal-controlled superhet receiver with high gain RF stage, moisture-proof speaker, push-pull audio. Also has squelch control, on-off volume control, silver plated push-to-talk switch and earphone jack. Plug-in case uses 8 penlight batteries on optional rechargeable battery (below). Battery saver circuitry provides the maximum possible use from your batteries before recharge or replacement. Effective noise limiter reduces ignition and electrical noise. Rugged plastic case has elastic hand-strap for easy one hand operation. Complete with telescoping antenna and crystals for channel 11. Less batteries. Shpg. wt., 2 lbs.

ME-623L No Money Down Net 129.50
Leather Carrying Case for Personal Messengers.
ME-753L Shpg. wt., 1 lb. Net 8.50
BA-155 Type Z penlight cells (8 req.) Net ea. .13
Shpg. wt., 6 oz.
Rechargeable nickel cadmium battery mounted in sealed plug-in compartment for recharging at 115 VAC, 50-60 CPS. Shpg. wt., 8 oz. Net 19.55
ME-754L Shpg. wt., 8 oz. Net 19.55

E. F. JOHNSON 100-MILLIWATT PERSONAL MESSENGER 2-WAY TRANSCIEVER

A superbly engineered, two-way crystal-controlled transceiver which employs 11 transistors and 4 diodes and is small enough to be hand-carried. Sensitive superheterodyne receiver with tuned RF stage features automatic noise limiter, AVC, squelch, push-pull audio output. Powerful, efficient two-stage transmitter. Other highlights include: battery saver circuitry, silver-plated push-to-talk switch, moisture resistant speaker/microphone and rugged hi-impact plastic case. Includes penlight cell battery compartment. Battery compartment with rechargeable nickel-cadmium batteries — can be plugged into 115 VAC line to charge batteries — available as an accessory. Built-in telescoping antenna. Supplied with crystals for CB channel 11.

ME-752L Shpg. wt., 2 lbs. Net 109.50
Leather Carrying Case for Personal Messengers.
ME-753L Shpg. wt., 1 lb. Net 8.50
BA-155 Type Z penlight cells (8 req.) Net ea. .13
Shpg. wt., 6 oz.
Rechargeable nickel cadmium battery mounted in sealed plug-in compartment for recharging at 115 VAC, 50-60 CPS. Shpg. wt., 8 oz. Net 19.55
ME-754L Net 19.55



NEW RCA PERSONAL-COM 300 90-MW CITIZEN BAND TRANSCIEVER

- Built-In Rechargeable Battery
- Compact Size—Lightweight
- Quality 2" Speaker
- With Leather Case and Strap

Light weight and completely transistorized, the Personal-Com 300 operates from a self-contained heavy-duty rechargeable battery. No license is required when operated with similar units—(Part 15 FCC rules). Under normal use, the 300 will operate continuously for approximately 14 hours before the battery must be recharged. Crystal-controlled transmit and receive. Power input 90 mw. Sensitivity, 1 μ v for 10 db signal-to-noise ratio. 2" speaker provides excellent voice reproduction. Comes complete with 40 1/2" telescoping antenna, battery, battery charger, leather carrying case with strap, earphone jack and crystals for channel 7. High impact plastic case only 7 1/2 Hx2 1/2 Wx1 7/8 D. Shpg. wt., 1 1/2 lbs. HE-634L No Money Down Net 99.50

OSBORNE DUO-COM 120 TRANSCIEVER

Here is a portable, pocket sized Citizens Band transceiver with 10 times the power of more conventional units (requires easy to obtain license). Powered by a rechargeable battery with life of over 18 hours before recharge, this transceiver employs 11 transistors plus 2 diodes to offer deluxe features unusual in pocket size equipment. Transmitter is composed of a crystal oscillator driving a high efficiency, power modulated RF amplifier, with a full 1 watt minimum input as compared to the 100 mw maximum input of unlicensed transceivers. Range is 1 mile under adverse conditions, up to 5 miles under average conditions and up to 25 miles under optimum conditions. The receiver is a double conversion superheterodyne, with both local oscillators crystal-controlled. Sensitivity better than 1 microvolt for 10 db S/N ratio. Built in squelch control. Audio amplifier operates class B push-pull at 750 milli-watts. Sealed speaker/mike transducer. Jacks provided for external antenna and earphones. Plug-in crystals supplied for channel 10. Less battery. 1 1/2 Hx4 1/4 Wx 3/4 D. Shpg. wt., 2 1/2 lbs. HE-839L Net 149.50
Model BR0 rechargeable battery for above Net 12.50
HE-835L Net 12.50
MODEL 900 Battery Charger For Duo-Com 120 Net 19.50
HE-785



MODEL 740 CITIZENS BAND TRANSCIEVER

- Available in Kit or Wired Form
- 9 Transistors, 1 Diode
- Built-In Rechargeable Battery
- Volume Control



Lightweight and pocket-sized, this transceiver requires no technical skill in its operation. Simply press button to talk, release to listen; volume control adjusts listening level. Employs 9 transistors and 1 diode, powered by a nickel-cadmium rechargeable battery. Includes charger which operates from any 115 volt outlet. One battery charge provides 10-12 hours of intermittent use and battery can be recharged 300-500 times! Transmitter input is 100 mw (FCC limit for unlicensed CB units)—range up to 10 miles under optimum conditions, 1 1/2 miles under average conditions. Superhet receiver with crystal-controlled local oscillator has sensitivity of 1-2 microvolts for 10 db signal/noise ratio. A 2 1/4" PM speaker serves as both speaker and microphone. Built-in 41" telescoping antenna. In aluminum case, 7 1/2 Hx2 3/8 Wx 1 1/2 D. With crystals for channel 16. Shpg. wt., 1 1/2 lbs. HE-335L Kit With nickel cadmium battery Net 54.95
HE-336L Wired With nickel cadmium battery Net 79.95

NEW CADRE MODEL C-75 CB TRANSCIEVER

- 1.5 Watt-2 Channel Crystal-Controlled For Receive And Transmit
- Automatic Gain Control and Noise Limiter
- Built-in Rechargeable Battery
- Adjustable Squelch
- High Impact Plastic Case

Superbly engineered—ideal for business or personal communications. Completely portable and reliable over a range of more than five miles. Transmitter power exceeds 1.5 watts in full compliance with FCC license regulations parts 15 and 19. It uses twelve hour rechargeable nickel-cadmium batteries. Advanced plug-in modular construction utilizes 11 transistors and 2 diodes. Other deluxe features include: switch selection of 2 crystal controlled channels; adjustable squelch and variable volume control; automatic gain control and automatic noise limiting. Efficient retractable whip antenna. Jacks for external speaker, antenna and microphone. Sensitivity 1 μ v for 10 db S/N ratio. High impact plastic case. Supplied with 1 pair of matched crystals for channel 11. Shpg. wt., 2 lbs. Net 109.50
HE-897L Model C-75

ACCESSORIES FOR C-75

HE-918 Extra 6-volt rechargeable nik-cad batt. 2 req. Net ea 10.95
HE-898 C-75-101 Battery charger Net 9.95
HE-899 C-75-3 Shoulder Strap Net 1.95
HE-893 Extra Matched Receive/Transmit crystals (Specify Channel). Net 5.95



EICO DELUXE 770 SERIES CITIZENS BAND TRANSCIEVER KITS



Deluxe versions of the 760 series transceiver kits. Each has 4-channel crystal-controlled transmitting; crystal-controlled receiving is available with one transmit channel. Continuous tuning over all 23 channels. 5 watts input power to final RF amplifier. Push-to-talk ceramic microphone with built-in transmitting relay. Superheterodyne receiver has adjustable squelch control. Sensitivity: 1 microvolt for 10 db signal-to-noise ratio. All models include appropriate built-in power supply, line cord(s) one transmitting crystal, microphone cord and connector. Mounting bracket permits 360° rotation. Size: 6x8 1/2x9". Shpg. wt., 13 lbs.
HE-329WX 770 Kit, 117 VAC, 60 cps Net 79.95
HE-330WX 770 Factory Wired Net 109.95
HE-331WX 771 Kit, 117 VAC/6VDC Net 89.95
HE-332WX 771 Factory Wired Net 119.95
HE-333WX 772 Kit, 117 VAC/12VDC Net 89.95
HE-334WX 772 Factory Wired Net 119.95

EXTRA CRYSTALS FOR EICO 770 SERIES
HE-830 Transmit crystal (specify channel) Net 2.25
HE-943L Receive crystal (specify channel) Net 2.25

SELECTED FAMOUS NAME CB TRANSCEIVERS

E.C.I. COURIER MODEL 1M DELUXE CITIZENS BAND TRANSCEIVER



Easy to use—anyone can operate the Courier 1M. RE-CEIVER is triple conversion superhet with better than .25 μ v sensitivity, super efficient series gate noise limiter, "S" meter and frequency spotter, adjustable squelch and AVC. Audio output is 4½ watts max. to 3.2-ohm heavy-duty speaker. TRANSMITTER has power output of 3.4 watts with 100% high level plate modulation (5 watts input), frequency stability of $\pm .005\%$ 0° to 125° F, output impedance 50 to 75 ohms. Utilizes 10 Tubes, 1 Nuvistor and 1 Diode. Heavy-duty power supply uses silicon rectifiers. Supplied with 1 Channel 8 transmit crystal, high impedance ceramic mike and 110 VAC power cable. Size: 14½" Wx4¾" Hx7¾" D. Shpg. wt., 18 lbs.

HE-983WX	Net	299.50
HE-986 Chrome Plated Mobile Mounting Bracket for 1M	Net	5.95
HE-979 12 VDC Power Cable for 1M	Net	3.75
HE-984C Extra Transmit Crystal for 1M (Specify Channel)	Net	2.95

FREE!

Select 1 of the 2 famous Antenna Specialist antennas and receive this antenna free with the purchase of any CB transceiver listed on this page.

ANTENNA SPECIALISTS

MAGNUM 27 MB-24



World Famous Base Station Antenna
HE-487WX 24.37

World Famous Mobile Double Bumper Mount Antenna

HB-153WX 19.05

JOHNSON "MESSENGER TWO" CB TRANSCEIVER



A superbly engineered 10-tube (including rectifier) crystal-controlled transceiver. Features include a highly selective and sensitive superheterodyne receiver, automatic volume control, improved high-efficiency noise limiter, and direct plug-in provisions for Tone Alert selective calling system. Complete with push-to-talk microphone and cord, crystals for one channel and necessary power cords. Size: 7Wx5½Hx 11¾"D. Shpg. wt., 17 lbs.

HB-100WX Model 242-162 115VAC/6VDC	Net	169.95
HB-101WX Model 242-163 115VAC/12VDC	Net	169.95
HE-830C Transmit Xtal for the "111"	Net	2.25
HE-833C Receive Xtal for the "111" (specify channel)	Net	2.25
HE-407 Universal Dash Mtg. Kit for "111"	Net	2.50

NEW Regency RANGE GAIN CB TRANSCEIVER



The Regency Range Gain transceiver can give you up to 4 times more coverage with exclusive double sideband reduced carrier modulation. This system increases sideband power and is compatible with all existing CB transmitters and receivers without the use of any auxiliary equipment. Other features include 23 channels crystal controlled on both receive & transmit (no additional crystals are required); delta tuning ± 3.5 KC of center channel frequency; 0.5 microvolt sensitivity; primary image rejection, more than 90 db: noise limiter and squelch. Easy-to-read "S" meter glows red on transmit. 9 watts audio output. Includes push-to-talk mike and coil cord, for 117V AC and 12V DC. 11½" Wx5¼" Hx9¾" D. Shpg. wt., 15 lbs.

HE-493WX Range Gain CB Transceiver Net 269.95
HE-494 Mobile Mounting Bracket for above Net 9.95

NEW HAMMARLUND CB-23 CRYSTAL-CONTROLLED CB TRANSCEIVER



Featuring crystal-controlled 23 channel transmit and receive operation, the CB-23 utilizes a special crystal synthesizer circuit which provides crystal control on all channels. All necessary crystals are supplied for operation on 23 channels. Can be used for mobile and base station use with built-in power supplies for 115 VAC or 12 VDC. Other features include 1 μ v sensitivity, noise limiter, squelch, ± 3 Kc vernier tuning control on receive. 10 tubes plus 2 silicon rectifiers and vibrator for 12 VDC supply. Complete with push-to-talk microphone, "S" meter, cables and easy-mount bracket for under dash installation. Size: 8¼" Wx5½" Hx10" D. Shpg. wt., 14 lbs.

MB-102WX No Money Down Net 249.50

NEW POLY-COMM PC-8 CB TRANSCEIVER



Nuvisor front end, provides sensitivity of better than 0.1

μ v for 6 db S/N. Equipped with all-electronic transmit/receive switching and 8 crystal-controlled transmit/receive channels. Dual conversion superheterodyne receiver with adjustable squelch circuit and floating series gate type noise limiter, built-in carrier and modulation indicator, 4 full watts audio output. Adjustable antenna matching for 52 or 72 ohms. Weather-proof 4" PM speaker, 11 tubes. Complete with crystals for one channel, push-to-talk Mic. and mtg. brackets. 11x7½x5". Shpg. wt., 18 lbs.
HE-288WX 115VAC/12VDC Net 199.50
HE-289WX 115VAC/6VDC Net 199.50
Extra matched crystals (Receive/Transmit) for Poly-Comm PC-8.
HE-297C Net 4.50

CADRE 510 A PORTABLE TRANSISTORIZED CB TRANSCEIVER



A compact all-transistor transceiver and optional portable pack that is ideal for base station, mobile or portable use. Operates up to 8 hours on its own rechargeable batteries, or from 110-120 VAC. Advanced dual conversion superheterodyne receiver circuit has 0.5 μ v sensitivity. Has adjustable squelch, automatic noise limiter, pi-network output, automatic speech clipping, jack for earphones or external speaker. Transceiver supplied with crystals for channel 11, push-to-talk dynamic mike, mtg. bracket and AC and DC power cords. Size: 11¾" Wx3½" Hx5¾" D. Shpg. wt., 10 lbs.
HE-916WX Cadre 510A Transceiver Net 189.95
HE-917 Cadre 500-1 portable power pack Net 29.95
HE-918 Extra 6-Volt Rechargeable Batteries (2 Req.) Net ea. 10.95
HE-919C Extra Matched Transmit/Receive Crystals (Spec. Channel) Net 4.50

JOHNSON VIKING "MESSENGER" CB TRANSCEIVER



Designed for reliability and easy installation in your home, business location, car, truck or boat. Excellent receiver sensitivity and selectivity. Features 5 crystal-controlled receiving and transmitting channels. Transceiver has 10 tubes (including rectifier). Compact modern styling—5¾" Hx7" Wx11¾" D. Shpg. wt., 15½ lbs.

HE-447WX Model 242-128 115VAC/12VDC Net 139.95
HE-448WX Model 242-127 115VAC/6VDC Net 139.95
HE-451WX Model 242-126 115VAC Net 129.95
Universal Dash Mounting Kit for HE-447WX, HE-448WX, HE-451WX.
HE-407 Model 251-828. Shpg. wt. 2 lbs. Net 2.50
Extra transmit type crystal for above. Net 2.25
HE-830C Specify Frequency) Net 2.25
Extra receiver type crystal for above. Net 2.25
HE-833C (Specify Frequency) Net 2.25

MARK VII CITIZENS BAND TRANSCEIVER



Designed to provide dependable short-range communications for business or personal use. Receiver is highly selective superhet with 0.4 μ v sensitivity, adjustable squelch, automatic noise limiter and AVC. Pi-network output assures maximum antenna coupling. Has built-in AC power supply for base station operation. Supplied with crystals for channel 7, push-to-talk ceramic microphone, AC power cord, instructions and FCC license application form 505. Size: 11¼" Wx3½" Hx8" D. Shpg. wt., 11 lbs.
HE-640WX Mark VIII—115 VAC Net 149.50
HE-642 12 VDC Power Supply for Mark VIII Net 19.95
HE-641 6 VDC Power Supply for Mark VIII Net 19.95
HE-643C Extra Matched Transmit/Receive Crystals for Mark VIII (Specify Channel) Net per pr. 4.50

SEE PAGES 402 AND 403 FOR ADDITIONAL LAFAYETTE CITIZENS BAND EQUIPMENT

OUTSTANDING LAFAYETTE CB ANTENNAS

LAFAYETTE

ALL STAINLESS STEEL CITIZENS BAND MOBILE ANTENNA

OUTSTANDING FEATURES

- 102½" Stainless Steel Whip For Optimum 11-Meter Performance
- Heavy-Duty Chrome Plated Stainless Steel Spring
- Chrome Plated Swivel Ball Jointed Mount Base

6⁹⁵

Chrome plated swivel ball mount base designed to be mounted on any surface. Stainless steel spring holds rod in properly adjusted position and prevents rod damage from shocks and blows. Stainless steel whip for maximum resiliency and strength. Shpg. wt., 4 lbs. Has lug terminals for HP-52 cable assembly. Imported HE-800WX Net 6.95



16⁹⁵

LAFAYETTE'S NEW "STAR-FIRE"TM 3-ELEMENT VERTICAL BEAM ANTENNA

- Multiplies Power 8 Times
- Completely Precision Tuned and Ready to Assemble and Install
- Steel Parts Iridite Treated to MIL Specs

New 3-element vertical beam is an exceptionally high gain, directional antenna system for Citizen's Band communications. It develops a forward gain of 8 db, works equally well for transmitting and receiving. Front-to-back ratio is 25 db; front-to-side, 40 db. Precision tuned for perfect 50 ohm feedline match for maximum efficiency. Comes with bracket for vertical or horizontal mounting. The 1¼" O.D. aluminum boom is 8 feet long. ¾" to ¾" O.D. aluminum elements are approximately 16½ ft. long. All steel hardware is iridite treated to MIL specs. Insulators are of high impact plastic. Total net weight is only 10 lbs., may be rotated by any TV rotor. Completely factory pretuned, the "Star-Fire" is furnished with complete instructions for quick and easy assembly. Shpg. wt., 11 lbs. HB-50WX Net 16.95



18⁹⁵

LAFAYETTE'S EXCLUSIVE NEW CB BASE STATION ANTENNA

Superb Performance from Omni-Directional Vertically Polarized Antenna

- Delivers Up to 8 db Gain
- Steel Parts Iridite Treated to MIL Specs

A high performance, vertically polarized, omni-directional base station antenna that develops a transmitting gain of 3.4 db through pattern compression and lowering the angle of radiation. It is voltage fed through a ¼ wave length shorted coaxial matching stub eliminating the need for loose-matching transformers and coils. The matching stub places the antenna at DC ground potential thus substantially lowering the residual noise level and delivering an actual operating gain of up to 8 db. Constructed of heavy wall aluminum tubing with a base diameter of 1¼". Radials are ¼" solid aluminum, all-steel parts of the antenna are iridite treated to MIL Specs and the entire antenna and matching coaxial stub are fully weather protected for many years of outstanding, maintenance-free performance. Shpg. wt., 10 lbs. HB-55WX Net 18.95

DELUXE LAFAYETTE GROUND PLANE ANTENNA

- The Ideal Antenna For Your CB Base Station
- High Efficiency Ground Plane Antenna
- All Aluminum Construction
- Accepts PL-259 Connector



11⁹⁵

Solid aluminum 108 inch heat-treated radials and radiator. Elements supplied in two 54 inch lengths joined by threaded coupling nuts. Radials droop for 50-ohm match. Accepts 1¼ inch tubing RG-58/U cable and PL-259 connector. Shpg. wt., 4 lbs. Imported HE-890W Net 11.95

Superb Lafayette Fiberglass CB Antenna! 48" CENTER LOADED CITIZENS BAND COWL MOUNT ANTENNA

- Rugged Fiberglass Construction
- Easily Mounts On Cowl or Rear Deck

Lafayette makes antenna news with this new center loaded fiberglass antenna — only 48" high but performs like 102" antennas. Designed for cowl mounting, this latest development in mobile antennas provides an excellent radiation pattern. Substitutes for conventional ¼ wave whips as well as base-loaded antennas in the 27 mc band. The four foot whip eliminates the possibility of striking overhead objects. A black plastic covering of whip insures against shorting. Specially designed rocker support assures 8-point grounding and permits mounting up to 35° angle on fender, cowl or rear deck—Fits any ¼" to 1¼" mounting hole. Complete with 5 ft. of RG-58/U cable HE-57W Shpg. wt., 3 lbs. Net 6.95

ANOTHER OUTSTANDING LAFAYETTE CITIZENS BAND VALUE

- Chrome Plated Bumper Mount with Stainless Steel Strap
- 102" Stainless Steel Whip, Heavy Duty Chrome Plated Stainless Steel Spring



8⁹⁵

An outstanding Lafayette antenna featuring a full size 102" stainless steel whip and a fully adjustable chrome plated mount with a stainless steel strap which will fit most cars. Heavy duty chrome plated stainless steel spring is built for rugged use. Shpg. wt., 3 lbs. Imported HE-802WX Net 8.95

LOW COST ECONOMY CITIZENS BAND GROUND PLANE ANTENNA

Lightweight Tubular Aluminum Elements



Here's rugged performance in a Citizens-Band base station antenna at a truly economical price. Incorporating a special "drooping radial" design for improved impedance characteristics, this excellent ground plane antenna utilizes a 360° polar pattern to provide complete coverage in any direction. Made-to-last construction features a rugged 1 inch diameter radiating element. A double U-bolt arrangement provides the strongest possible mount under the most severe conditions. Shpg. wt., 6 lbs. Net 8.80 HE-694WX

LAFAYETTE TELESCOPIC CITIZENS BAND WHIP ANTENNA SENSATIONAL VALUE IN A DIRECT MOUNTING CITIZENS ANTENNA

3⁹⁵

Sturdy, attractive chrome plated whip antenna that telescopes from approx. 45" fully extended to only 15" to facilitate portability and storage. Ideal for shorter distances up to several miles. Has enclosed base loading coil for proper impedance matching. Complete with removable PL-259 connector that permits direct top, side or rear mounting to transceiver. Imported HE-19 Shpg. wt., 1 lb. Net 3.95



LAFAYETTE CITIZENS BAND 27MC. COLLAPSIBLE ANTENNA .79

Ideal for mobile or fixed transceivers, miniature portable and pocket transistor radios, and a host of similar applications. The 4 section antenna is made of chrome-plated brass and plugs into a jack. Measures 48" fully extended and retracted is 11" to facilitate carrying in pocket. Complete with a flexible plastic case and slip-under protecting flap. Shpg. wt., 8 oz. Imported F-440 Net .79



LAFAYETTE 27MC WALKIE TALKIE TELESCOPING ANTENNA

Attractive and highly efficient 12 Section chrome plated brass telescoping antenna for "walkie talkie" transceivers. Measures 52" fully extended and 5¾" retracted. Has #8-32 threaded stud and nut at bottom for easy mounting, and soldering lug for electrical connection. Shpg. wt., 10 oz. Imported F-703 Net 1.95

C B ACCESSORIES FOR ADDED PERFORMANCE AND PROTECTION

LAFAYETTE CHROME PLATED MOBILE BUMPER MOUNT WITH STAINLESS STEEL STRAP

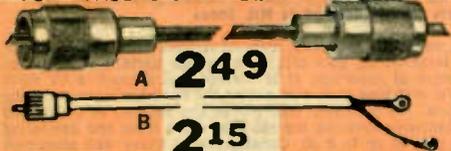
- Completely Adjustable For Use With Most Types of Automobile Bumpers
- Highly Reliable and Durable!



395

An outstanding new Lafayette mobile Bumper Mount featuring chrome plated mount and stainless steel strap which is completely adjustable for vertical mounting on most types of automobile bumpers. Eliminates need of cumbersome link type chain mounts. Shpg. wt., 1 1/2 lbs. ME-33 Imported Net 3.95

20 FT. RF COAXIAL CABLE ASSEMBLIES FOR CITIZENS BAND EQUIPMENT



249

215

These cable assemblies are necessary for connection between Citizens Band Transceiver and Antenna. TYPE A—Consists of 20 ft. RG-58/U cable with PL-259 plus UG-175/U on both ends. Required for Ground Plane and Coaxial and Mobile Antennas terminating in a coaxial jack. Shpg. wt., 8 oz. Net 2.49 HP-51 Type A 20 ft. length. TYPE B—Same as type A except one end is terminated with PL-259 plus UG-175/U and other end with universal ring type terminal lugs for mobile antennas. Shpg. wt., 8 oz. Net 2.15 HP-52 Type B 20 ft. length. **Net 2.15**

BLITZ BUG LIGHTNING PROTECTOR

Designed to fit any standard coaxial cable, the "Blitz Bug" employs the spark gap principle to eliminate static build up on coaxial cables. Provides a constant drain off, reducing chances of a direct lightning strike and in many cases eliminating noise problems. Constructed of 3/4" O.D. brass by 2 1/4" long. Employs one PL-259 plug and one DKCB connector (takes PL-259 plug.) Shpg. wt., 1 lb. Net 3.95 HP-50

LAFAYETTE GENERATOR NOISE FILTER



- Frequency Range 3-30 mcs
- Maximum Current 25 Amps
- Adjustable
- Simple to Install

Eliminates whining and grinding noises created from generator brushes. Enables quiet receiver operation for Citizens Band, Amateur and industrial frequencies. Standard frequency range 3-30 mcs. Maximum current 25 amps. Installs quickly and easily. Imported CF-135 Net 2.49

LAFAYETTE AUTO-MARINE ENGINE NOISE SUPPRESSOR KIT

• A Must For Mobile CB & Ham Operators
• 14 Components Plus Hook-Up Wire

This easily installed kit will effectively suppress ignition, generator and voltage regulator noise. Consists of 8 spark plug suppressors; 1 distributor suppressor, 1 voltage regulator suppressor; 4 coaxial capacitors; shielded cable and braid for wiring filter system. All necessary hardware and instructions for installation are included. Shpg. wt., 2 lbs. Net 9.45 HP-204



LAFAYETTE HE-55 SQUELCHER

SQUELCH THAT INTERFERENCE!

10⁹⁵

- PROVIDES FULL SQUELCH AND NOISE LIMITING TO MOST SUPERHETERODYNE TRANSCEIVERS OR RECEIVERS
- VASTLY IMPROVES MOBILE TRANSCEIVERS WHEN VEHICLE IS IN TRAFFIC
- REDUCES NOISE FROM IGNITION SYSTEMS AND OTHER SOURCES

The Lafayette "Squelcher" noise eliminator was designed to improve reception and reliability in most superheterodyne transceivers or receivers other than those using semi-conductor diode detectors. Recommended for the Lafayette HE-20A, HE-20B, HE-20C, HE-30, HE-45, HE-45B, HE-90 and KT-320. Reduces noise from ignition systems and other sources. Quiets

receiver when no signal is received. Vastly improves sensitivity of mobile transceiver when operating in traffic. Complete with 2 tubes (6AL5 and 12AX7) and instructions for installation. In Satin aluminum with blue gray perforated cover. Furnished with cable. Size: 2-3/10x3 1/4x4 1/4". ME-55 Shpg. wt., 1 1/4 lbs. Net 10.95

UNIVERSAL LAFAYETTE CITIZENS BAND AMATEUR SPRING & SWIVEL BALL-MOUNT BASE



Swivel Ball Jointed Mount Base
Universal Lafayette HE-53 chrome plated swivel ball mount base with lug terminals for use with mobile antennas. Can be mounted vertically or horizontally on any surface. With lug terminals for use with mobile antennas. Imported. Net 1.95 ME-53 Shpg. wt., 3 lbs.



195

Heavy-Duty Chrome Plated Stainless Steel Spring
Universal Lafayette HE-54 Heavy duty chrome plated Stainless steel spring. Provide maximum support for long whips and heavy center-loaded whips. Imported. Net 2.98 ME-54 Shpg. wt., 2 lbs.



LAFAYETTE "DUMMY" ANTENNA LOAD FOR CB TRANSCEIVERS

A 52 ohm non-inductive load for testing and tuning-up Citizens Band transmitters up to 5 watts. It permits tune-up into a non-radiating element instead of into antenna - in compliance with F.C.C. regulations. Built-in PL-259 coaxial plug is easily connected and disconnected from equipment. Shpg. wt., 1 lb. Net .98 HP-203



B & W 424 LOW PASS FILTER

Designed to effectively reduce TVI — Radiated spurious and other undesirable signals high-order undesirable signals higher than 35 MC are attenuated by at least 60 db—power rating: 100 watts max. Frequency Range: 1.5 to 30 MC, Impedance: 50/75 ohms (reversible) Size: 5x2x1 3/4". Net 8.65 ME-304 Shpg. wt., 1 1/2 lbs.

GENERATOR/REGULATOR FEED-THRU NOISE SUPPRESSORS .95

These 3-terminal network feed-thru capacitors act as extremely effective R.F. filters above 2 MC. Eliminates and suppresses the majority of noises due to regulators and generators interfering with 27MC citizens band frequencies. Rated .1 MFD/600 Volts DC 20 Amps.



Feed-Thru Suppressor (Screw Terminals) 1/8" Diam. x 1 1/4" length. Shpg. wt., 4 oz. Net .95 SP-221



Feed-Thru Suppressor 1/8" Diam. x 1 1/4" length. Shpg. wt., 4 oz. Net .95 SP-222

HY-GAIN UNIVERSAL STATIC ARRESTOR



165

- Reduces Noise
- Weather Protected

Designed for quick and easy installation on all non-DC ground 27MC citizens band antennas. Greatly reduces noise caused by static—especially important in mobile use. Max. power rating 30 watts. Recommended for ground planes, coaxials and all mobile antennas. Net 1.85 ME-978 Shpg. wt., 8 oz.



"NOISTOP" IGNITION NOISE ELIMINATOR Model 612

Effective as both a noise limiter and a positive squelch the "Noistop" improves reliability and operating pleasure, when vehicle is in traffic. Measures only 1 1/2x2 1/2x4". Complete with tubes (6AL5 and 12AX7) and instructions for easy installation in most available transceivers. For use with super-heterodyne type transceivers. Furnished with cab'ed and gold anodized cabinet with black perforated cover. Mounts in any position. Shpg. wt., 10 oz. Net 16.81 ME-902 Model 612



LAFAYETTE BROADCAST TO CITIZEN BAND COUPLER

Specially designed network permits any Citizen's band mobile antenna to be used also for broadcast reception. No switching necessary. With SO-239 antenna receptacle, 2 ft. lead with coaxial auto plug for broadcast radio connection and 2 ft. lead with PL-259 coaxial plug for transceiver connection. Shpg. wt., 1/4 lb. Net 5.95 HP-202



LAFAYETTE 12 POSITION CRYSTAL SELECTOR

Houses and selects up to 12 crystals - increases channel coverage. Chassis has 12 ceramic crystal sockets, wired to a 12 position, no stop selector switch. Long reach shaft permits practical mounting. Chassis size: 2 1/4" D x 2 1/4" W x 2 1/4" H. Shpg. wt., 1 lb. Net 6.50 HP-201

RF COAXIAL CONNECTORS

Stock No.	Type	Description	Net
SP-174	PL-259	Male conn. For direct connection into transceiver or antenna	.59
SP-175	UG-175/U	Reducer—Adapts PL-259 to RG-58/U Diam.	.16
SP-176	PL-258	Junction Adapter—Accepts PL-259 on both ends for cable extension	.89

CITIZENS BAND CONNECTOR ADAPTERS

29-786 ADAPTER	Adapts an SO-239 Socket to a Standard auto radio (Motorola type) socket. Av. Shpg. wt., 2 oz.	Net .44
29-782 ADAPTER	Adapts a PL-259 Plug to a standard auto radio (Motorola type) plug. Avg. shpg. wt., 4 oz.	Net .54
HP-54		

Selected Citizens Band Accessories

POPULAR CITIZEN BAND TRANSCEIVER CRYSTALS

225

- Matched Pairs, Transmit Types, Receive Types
- Extremely Accurate 3rd Overtone Crystals meet F.C.C. Tolerance Requirements of .005%

As Low As

MATCHED CRYSTALS—Channels 1 thru 23 consists of matched receive/transmit crystals of the same channel. When ordering specify channel desired.

FOR TRANSCIVER	STOCK NO.	NET
Cadre 510	HE-919C	4.50
Poly-Comm-PC-4, PC-8	HE-297C	4.50
RCA Mark VII	HE-643C	4.50
Lafayette HE-75	HE-892C	4.50
Lafayette HE-100	HE-892C	4.50

RECEIVE CRYSTALS—Channel 1 thru 23. When ordering specify channel desired.

FOR TRANSCIVER	STOCK NO.	NET
Lafayette HE-20, A, B, C	HE-22C	2.25
Lafayette HE-29, A, B	HE-758C	2.25
Lafayette HE-90	HE-22C	2.25
Lafayette HE-82	HE-758C	2.25
Johnson Messenger 2	HE-833C	2.25
Johnson Viking Messenger	HE-833C	2.25
EICO 772 Series	HE-943C	2.25

TRANSMIT CRYSTALS—Channel 1 thru 23. When ordering specify channel desired.

FOR TRANSCIVER	STOCK NO.	NET
Lafayette HE-15A, B, C	HE-830C	2.25
Lafayette HE-20, A, B, C	HE-830C	2.25
Lafayette HE-29, A, B	HE-830C	2.25
Lafayette HE-82	HE-830C	2.25
Lafayette HE-90	HE-830C	2.25
Johnson Messenger 2	HE-830C	2.25
Johnson Viking Messenger	HE-830C	2.25
ECI-IM	HE-984C	2.95
EICO 772 Series	HE-830C	2.25
Globe CB-100, 100A	HE-830C	2.25
Gen. Rad. MC-1, MC-2, MC-3	HE-830C	2.25
Heath CB-1, 6W-10	HE-830C	2.25
Sonar Model G	HE-830C	2.25

SPECIAL MATCHED CRYSTALS (Receive & Transmit of the same channel) **FOR TRANSCIVERS NOT LISTED—DELIVERY 3-4 WEEKS—SPECIFY MAKE, MODEL NO., & CHANNEL.**
 MA-158 CY Net 5.95



NEW! **PORT-A-LAB**

44.95

- Standing Wave Ratio
- RF Power (true) to 50-watts!
- Modulation Percentage
- Modulation distortion by Monitor
- Relative Field Strength

For amateur and technician alike—a completely portable lab for RF measurements in base or field locations. Reads SWR from 1 to 30; reads true RF power on 24 mc; reads percentage of modulation to 100%. It can also check for modulation distortion aurally. Relative field strength can be read to check antenna radiation patterns or peak transmitters. Utilizes sensitive 100 μ a meter with easy-to-read scales. Size: 8Wx 6Hx3 1/2"D. Shpg. wt., 6 lbs. Net 44.95

COR AR-22 AUTOMATIC ROTOR FOR CITIZENS BEAM

This heavy-duty rotor unit will handle antennas up to 150 lbs. Simply set the control unit pointer to the desired direction, and the antenna will automatically rotate to this position and stop. Perfect for TV, Ham or Citizen Band application. Rotor unit employs 12 heavy duty ball bearings in two 6 1/2" races. Reversible clamps on rotor will take masts from 7/8" to 2". O.D. Control unit is marked in compass points. N.S.E.W. NW, NE, SW, and SE. Housed in attractive brown plastic cabinet with rubber feet. For 110-120 volts 50-60 cps AC. Requires 4 conductor cable for HE-476WX rotor.

HE-476WX	Net 31.31
WR-151 100' coil	Net 2.50
WRC-104 less than 100'	per foot .03;
over 100' per foot	.025

"SPEAKEASY" AUDIO COMPRESSOR AMPLIFIER for CITIZEN BAND TRANSCEIVERS



- For Mobile and Base Transceivers
- Built-in Modulation Meter
- Works with all Popular CB Units

Automatically and effectively increases average modulation, voice, readability, and therefore distance without over modulation. Speak Easy is suitable for mobile or base use, and is available for 115/120 or 115/6 volts. Final power input to transmitter remains within legal 5 watt limit, but effective voice power is increased many times. Easily attaches to your CB transceiver, requires practically no power for operation. Complete operational and installation instructions are provided. 2 1/4 Hx5 1/4 D. Shpg. wt., 3 lbs. HE-905 ... "Speak Easy" 115VAC/12DC Net 34.75
 HE-906 ... "Speak Easy" 115VAC/6DC Net 34.75

NEW! ECI TRANSISTORIZED C-B POWER SUPPLY



21.90

- Installs on Many Rigs
- Eliminates Vibrator
- Reduces Current Drain
- Assembled, Ready to Use

Features increased power output and B+ while reducing current drain. The annoying vibrator with its associated hash noises and failures are eliminated. Instead you plug in this transistor power supply in the old vibrator socket for more durable operating power. Completely assembled. For 6 or 12 volts. Fits Lafayette HE-15, HE-20, Sonar E, G, Globe 100, RCA "Radio-Phone" and many others. Has heavy-duty aluminum heat sink. Size: 8 1/4 Lx2 1/4 Hx2" D. Shpg. wt. 2 lbs. Net 21.90

NEW! "BIG MIKE" MARK I MICROPHONE



Now Match Your Mike To Your Needs Increase Range Modulation And Audio Quality

The "Big Mike" is a transistorized dynamic design. It will match its output and frequency response to your equipment and operational needs, providing increased range, rich modulation and improved audio quality. Impedance 1,000 ohms up. Includes coiled cable, clip, instructions. Size: 1 3/8" dia., 4 1/2" L. Requires 4 Mallory Type RM-312 miniature mercury battery cells. Shpg. wt., 3 lbs.

HE-338 Mark I Microphone	Net 33.50
BA-538 Mallory RM-312 battery (4 req.)	ea. .24

E F JOHNSON TONE ALERT



- Selective Calling System for Two-Way Radio
- Uses High "Q" Frequency Selective Resonant Relay

Johnson "Tone Alert" is a selective calling system which attaches to most two-way radio equipment and permits calling your own mobile unit, or being called by it, without the annoyance of having to listen to other transmissions. Your own receiver is operative 100% of the time while your own units will be absolutely quiet until signaled by your own calling tone. Important too—your receiver is operative regardless of where your volume and squelch controls are set. Comes completely wired and tested. Includes connecting cable and mounting hardware. Can be easily installed in a few minutes. For 115V AC and 6 or 12V DC. Dim. 1 1/2 Wx4 Hx 7 3/4" D. Shpg. wt., 2 lbs.
 HE-626 250-810 Tone Alert 115VAC/6VDC Net 59.95
 HE-627 250-811 Tone Alert 115VAC/12VDC Net 59.95

NEW! Kolin SOLID STATE SUBMINIATURE NOISE LIMITER



- For Hams, CB'ers,
- Suppresses Noise From Any Type Ignition System, Motors, Atmosphere

The Kolin solid state noise limiter is an extremely effective self-adjusting device, which suppresses impulse noise in your receiver when receiving AM. Small enough to mount directly inside most receivers, it will work on supply voltages of 6 to 220 volts AC or DC. Only 3 connections are required. A switch is used to disable unit in normal quiet areas. Works on all receivers employing a diode detector. All necessary instructions and mounting hardware is supplied. Size: 1 3/8x1 1/4x1/2". Shpg. wt., 8 oz. Net 7.95

HAMMARLUNO CB-8 OCT-X 8-CHANNEL PUSH-BUTTON CB SELECTOR

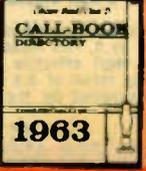


- For use with HQ-105TR or any other CB Transceiver

Now you can select a clear CB channel fast — with precision accuracy. Mounts easily to convert the built-in transmitter to 8-crystal, 8-channel selectable frequency. Design permits affixing this unit to the top or side of a transmitter. Push-button design eliminates going through busy channels with a live transmitter to get to the one you want to use. Simple plug-in construction permits instantaneous crystal replacement. Shpg. wt., 2 lbs. Net 15.95

1963 CITIZENS BAND CALL BOOK

Up-to-date list of "Q" calls, special do-it-yourself sections and 16 page CB equipment directory. Also lists CB clubs in U.S. and includes a log section. BK-4324 postpaid in U.S.A. Net 4.50



NEW! Zeldeco PORT-O-GEN

Completely Self-Contained Transistorized, Modulated Crystal Controlled Generator For Citizen Band—Marine Band—Aviation Band



By inserting a crystal in the Port-O-Gen you'll have a reliable signal source to check if your receiver is properly tuned. Can be used as an alignment generator for tuning receiver front end thru the IF strip. Operates between 2 and 27MC. Includes battery. MA-145 Shpg. wt., 1 lb. Net 14.95

SELECTED CITIZENS BAND and AMATEUR ANTENNAS

NEW-TRONICS **HUSTLER** MOBILE ANTENNAS FOR 10-15-20-40-75 METERS

An outstanding antenna assembly permitting multi-band mobile operation with exceptional results. Buy only one mast and select the resonators for the bands you operate. No need for matching devices, use any feed line length of 52-ohm cable. Each of the five resonators has a coil specially designed for maximum radiation for a particular band. Center frequency tuning is by means of an adjustable stainless steel rod in the resonator assembly. The 54-inch fold-over, heat treated, 1/2" aluminum mast permits instantaneous interchange of resonators for the desired band. SWR is less than 2 to 1 for any center frequency within each band. Power Rating: AM Input 75 watts; SSB Input 250 watts PEP. Mast has 3/4"-24 base stud to fit all standard mounts. HB-171WX Model MO-1 54" Mast Fender Mount.

HB-171WX	Model MO-1 54" Mast Fender Mount.	Shpg. wt., 2 lbs.	Net	7.95
HB-172WX	Model MO-2 54" Mast Bumper Mount.	Shpg. wt., 2 lbs.	Net	7.95
HA-151	Model RM-10 10 Meter Resonator.	Shpg. wt., 10 oz.	Net	5.95
HA-152	Model RM-15 15 Meter Resonator.	Shpg. wt., 1 lb.	Net	6.95
HA-153	Model RM-20 20 Meter Resonator.	Shpg. wt., 1 lb.	Net	7.95
HA-154	Model RM-40 40 Meter Resonator.	Shpg. wt., 1 1/2 lbs.	Net	8.95
HA-155	Model RM-75 75 Meter Resonator.	Shpg. wt., 2 lbs.	Net	11.95

MARK MOBILE ANTENNAS FIBERGLAS "HELIWHIPS"

The "Heliwhip" is a fiberglass molded, continuously loaded whip antenna designed to replace conventional stainless steel whips. The "Heliwhip" can be positioned on the upper portion of the vehicle such as trunk lid, cowl, fender or hood mounts without danger of shorting to power lines. Offers superior performance. Shpg. wt., 3 lbs.

HE-895W	Model HW-4 For 11 Meters	Net	9.95
HE-739W	Model HW-10 For 10 Meters	Net	9.95
HE-740W	Model HW-6 For 6 Meters	Net	9.95
MODEL HWM-1.	Molded Antenna Mount for "Heliwhips"		
HE-898	Shpg. wt., 2 lbs.	Net	7.50

MODEL CBB-1 "BEACON" BASE STATION ANTENNA

Consists of half-wave 2-section aluminum radiator 17 ft. long and quarter-wave matching stub section of RG-8/U cable; radiator is insulated and supported by fiberglass mount section. Wide bandwidth of 26-28 MC. VSWR is below 1.5:1 from 26.5 to 27.5 MC and is almost unity over the entire Citizens Band. For UHF coax connector SO-239. Accepts RG-58/U or RG-8/U 50-ohm cables with PL-259 connectors. Complete except for standard TV antenna mounting hardware. Shpg. wt., 8 lbs.

HE-894WX	Net	21.95
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WARD WCA-LC-1 27MC L-COIL CITIZENS BAND ANTENNA

The new Ward L-Coil Citizens Band antenna is designed around famous Ward "19" ball and replaces long steel whip. Makes neat and trim appearance on your car. Improves car radio performance — less fading, less directional. Use car radio and CB radio from same antenna by switching from one to the other. Telescopes from 42" to 63". Easy to install. Shpg. wt., 2 lbs.

HE-985W	Net	8.25
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TENNA C-BAM AUTOMATIC MOBILE CB ANTENNA

Operates Electrically At The Touch Of A Switch

Automatic cowl mount antenna that operates electrically at the touch of a switch. Sturdy, compact and resistant, extends to 55"—collapses to 19 1/2". Top mounted coil completely disappears into antenna. Includes: switch w/bracket, 72" electric harness, 60" RG-58/U cable plus a PL-259 plug and UG-175 adaptor, 54" radar type copper shielded cable and hardware. For 12 volts only.

HE-927W	Shpg. wt., 6 lbs.	Net	23.02
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MOSLEY

A-311 3-ELEMENT CITIZEN'S BAND BEAM ANTENNA

38 95

- Durable Light Weight Aluminum
- Delivers the Equivalent Power Input of 40-Watts from your 5-Watt Citizens Band Transmitter

Unequaled point-to-point communications for Citizens Band operators. 9.3 db gain over dipole means the effective radiated power is multiplied by 8. This means your 5 watt Citizens Band Transmitter can actually achieve a legal effective power input of 40 watts. Boom is 12' long with maximum turning radius of 9.5 ft. Requires 1 1/4" mast and RG-8/U or R9-58/U Cable. Lugs are supplied for the other end. Shpg. wt., 30 lbs.

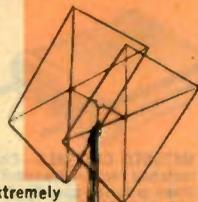
AN-57WX	Net	38.95
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Master Mobile

CITIZEN BAND ANTENNAS

New Q-11 Giant Cubical Quad CB Fixed Antenna

Q-11



Designed specifically for Citizens Band use, the Q-11 is extremely effective in increasing communications range. Beam elements are constructed of rigid aluminum and fiberglass tubing for maximum service—clamps are made of heavy-duty cadmium plated steel for corrosion resistance. Can be used with most TV-type rotors. It is lightweight and rugged enough to withstand high winds. Can be easily assembled on the ground or on the tower. Forward Gain: 8 db. Front-To-Back Ratio: up to 40 db. For use with 52-ohm coax cable. Shpg. wt., 13 lbs.

HE-741WX	Net	39.15
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MASTER MAGIC WAND

MODEL 811 11-METER ANTENNA

New Magic-Wand Top-Loaded Mobile Antenna mounts on any standard base mount. Designed for mobile use on the 27 MC Citizens Band. Compact and neat appearing plus provides maximum radiation over all Citizens Band channels. Antenna wound over tapered fiberglass whip for maximum strength. Shpg. wt., 3 lbs.

HE-719WX	Net	8.77
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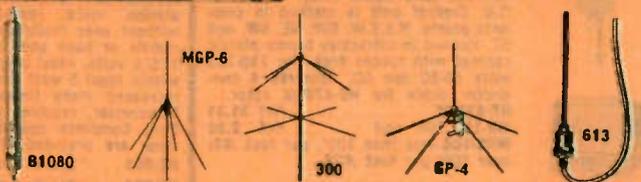
FG103 103" FIBERGLAS WHIP FOR 11 METERS CITIZENS BAND

Completely weatherproof, permanent and rust-resistant, corrosion-proof. Specially designed flexibility prevents failure due to fatigue or breakage. Safe, permanent insulation prevents burns. 3/4"-24 thread base fitting with male brass chrome plated fittings. Unique construction makes it extremely flexible while retaining its shape. Shpg. wt., 4 lbs.

HE-729WX	Net	6.81
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Master Mobile

COMMUNICATIONS ANTENNAS



MODEL 613. VHF ROOFTOP ANTENNA FOR 140-165 MC. Stainless steel wire, 10 ft. coax, deluxe fittings. Shpg. wt., 5 lbs.

MODEL 700 Net 9.50

MODEL B1080 ALL-BAND BASE-LOADING ANT. COIL FOR 80-40-20-15-10 METERS. 96" whip included. Positive locking action whip provides tight and accurate contact. Slide in or out to final loading point and lock whip in place.

HE-709WX Shpg. wt., 6 lbs. Net 17.59

MODEL GP-4 GROUND PLANE with 4 radials for match to 52-ohm coax. Complete 2 meter band coverage. Attaches to mast with U-bolts (bolts and mount brackets supplied). Special alloy construction withstands corrosion and weather.

HE-728 Shpg. wt., 6 lbs. Net 5.83

MODEL MGP-6 SIX METER GROUND PLANE, "Drooping" type. Aluminum alloy tubing and sleeve. Ceramic top insulator, and coax cable connector. For medium or low powered transmitters.

HE-731W Shpg. wt., 5 lbs. Net 14.65

MODEL 300 "MASTERPLANE" 2-METER GROUND PLANE ANTENNA, "Drooping" type plus 4 straight radials to give a low angle of radiation. Straight radials adjustable to eliminate standing waves on transmission line. Finest aluminum alloys. With 3/4" pipe for mounting and coaxial cable connector.

HE-732W Shpg. wt., 10 lbs. Net 12.69

Master Mobile

ANTENNA MOUNTS, COILS & ACCESSORIES



"ULTRA-HI-Q" CENTER LOADING COILS. Precision made, for 1 band use with 2-section whip. "Q" over 515. Av. shpg. wt., 4 lbs.

HE-188 80 Meters 2 1/2x8" Net 5.14

HE-184 40 Meters 2 1/2x5" Net 5.14

HE-189 20 Meters 2 1/2x3" Net 5.14

MODEL E-2-295 E-Z-OFF ANTENNA CONNECTORS. Connect or remove your loading coils, whips or mounts in a jiffy. No tools needed. Stainless steel construction.

HE-725 Shpg. wt., 1 lb. Net 2.89

MODEL 10H TENNAHOLD. Protects antenna, prevents whipping.

HE-724 Shpg. wt., 1 lb. Net .98

NEW MODEL CG-275 RETRACTABLE CB ANTENNA GUTTER MOUNT. Attaches easily and quickly to your car's rain gutter. Accepts standard 3/4"-24 thread whip.

HE-187 Shpg. wt., 1 lb. Net 7.79

NEW MODEL MMM-75 UNIVERSAL MOUNT. For trunk lid, gutter, cowl mounting. Equipped with coax connector.

HE-186 Shpg. wt., 1 lb. Net 7.79

SEE PAGES 402 AND 403 FOR ADDITIONAL LAFAYETTE CITIZENS BAND EQUIPMENT



antenna specialists CITIZENS BAND ANTENNAS

NEW MODEL M-37 VERTICAL DIRECTIONAL ANTENNA (27 MC)



A new vertical direction beam antenna. 7 db forward gain over ground plane with 5X power gain. 13.5 db front-to-back ratio. All-aluminum, 18' high, 11' wide. Operates with 52 ohm cable. Shpg. wt., 15 lbs.
HB-151WX Net 44.10

NEW MODEL MR77 VERTICAL HORIZONTAL BEAM ANTENNA (27 MC)



All-aluminum construction. Forward gain: 6 db horizontal, 7 db vertical. Front-to-back ratio; 15 db horizontal or vertical. VSWR: 1.5 or less. Turning radius: 8'-6". Wind rating: 60 MPH wind. Impedance: 50 ohms. Gamma matched. Requires separate coax cable transmission line to vertical and horizontal elements (cable not supplied). Clamps to 1 3/8-inch tubing or 1-inch pipe. Shpg. wt., 24 lbs.
HB-154WX Net 58.75

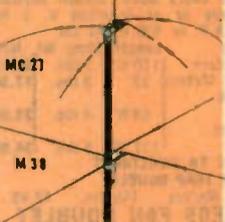
NEW MODEL M-74 COWL MOUNT ANTENNA (27 MC)



For cowl, fender or deck mounting. Only 44" high with professional-type swivel mount, allowing vertical positioning up to 35°. 12' RG-58/U cable with PL-259 connector on both ends. Shpg. wt., 2 lbs.
HB-152W Net 15.35

MODEL MC27 11-METER GROUND PLANE ANTENNA

Solid aluminum 108-inch heat-treated radials and radiator. Elements supplied in two 54-inch lengths joined by threading, coupling nuts. Radials droop for 50-ohm match. Accepts 1 1/4-inch tubing, RG-58/U cable and PL-259 connector. Shpg. wt., 4 lbs.
HE-661W Net 15.63



MODEL M-38 ANTENNA ISOLATING SKIRT

Improves Performance Of All Citizens Band Ground Plane Antennas

Isolating skirt for use with Citizens Band Ground Plane Antennas. Mounts 9 feet (1/4 wave length @ 27 MC) below ground plane. Lowers angle of radiation and minimizes effect of mounting structure. Improves performance of ground plane. Clamps to 1 1/4-inch tubing or 1-inch pipe. Shpg. wt., 4 lbs.
HE-681WX Net 11.14

MODEL M-81 "MAGNUM-27" 1/2-WAVE 27MC ANTENNA



Compact vertical radiator with an actual 6 DB gain over any single element omnidirectional antenna. Constructed of rigid aluminum and cadmium plated steel. It is corrosion resistant, waterproof and easy to install. Low angle of radiation intensifies signal pattern. Very low noise pick-up. Direct ground lightning protection. 50-ohm feed. Total height is only 18" 2" (17' 3" radiator) 4-54" radials. Shpg. wt., 12 lbs.
HE-487WX Net 24.37

MODEL MR49 MOBILE CENTER LOADED CB ANTENNA (27 MC)



Center loaded cowl mount antenna provides best omnidirectional pattern. Low VSWR. Extended length 46", 31" collapsed chrome tubes. Rocker support assures positive ground and up to 35° mounting angle. 5' RG-58/U lead with PL-259 connectors. Shpg. wt., 2.5 lbs.
HE-684 Net 9.96

MODELS MR52 AND MR53 CB FIBERGLAS ANTENNAS (27MC)



Complete cowl/fender mount antenna. Swivel mount allows vertical positioning up to 35°. Fits 3/8" to 1 1/4" hole. 5' of RG-58/U cable with PL-259 connector. Shpg. wt., 2.5 lbs.
HE-685W Net 7.98
 Black Fiberglass whip only for MR52. Chrome plated brass ferrule. 3/8"-24 male thread. Shpg. wt., 1.5 lbs.
HE-686W Net 5.00

MODEL M-36 1/2-WAVE COAXIAL ANTENNA (27MC)



Antenna is comprised of a 1/4-wave length, 9-foot jointed, solid aluminum vertical radiator, bolted to a 9-foot long, 2-inch diameter, 1/4-wave length aluminum skirt. Omnidirectional, low standing wave ratio. Built for operation with 52-ohm cable.
HE-683WX Shpg. wt., 8 lbs. Net 19.55

MODEL M-71 11-METER MARINE ANTENNA



A complete antenna system for Marine Citizens Band communications. Included are supporting tube, universal "Lay-down" mounting and 15 ft. of coaxial cable with PL-259 connector. All parts of anodized aluminum, chrome plated brass and stainless steel. Overall height 107", reducible to 71". No ground plate necessary. Shpg. wt., 6 lbs.
HE-480WX Net 33.37

MODEL M-103 CB/BROADCAST ANTENNA



A center-loaded, cowl mount antenna eliminating the need of 2 antennas. Fits easily in the 7/8" to 1 1/8" hole left by the auto antenna. 46" long in operating position. Collapses to 31". Incorporates a new automatic dividing harness which allows for a 1 ft. low loss cable to an AM set, 2 ft. cable to CB set and 5 ft. cable to antenna with a PL-254 connector attached. Shpg. wt., 4 lbs.
HE-340WX Net 14.64

MODEL M-107 TVI FILTER



For use with 27MC Citizens Band transceivers. Will handle up to 5 watts power and will attenuate output harmonics as follows: 2 nd harmonic, down 31 db; 3 rd harmonic, down 38.5 db. Has PL-259 plug on one end and SO-239 receptacle on other end. Shpg. wt., 6 oz.
HA-140 Net 4.70

MODEL M-67 11-METER ROOF TOP ANTENNA (27 MC)



Base loaded rooftop antenna. Omnidirectional pattern. Only 44" long with waterproof mount, loading coil. 20' of RG-58/U cable has PL-259 connector at set end, and solderless connection at antenna. Mounts in 3/4" hole. Shpg. wt., 2.5 lbs.
HE-479WX Net 13.45

MODEL M-23 MOBILE REAR COWL MOUNT ANTENNA (27 MC)



Complete mobile swivel base assembly for rear deck or side mounting. Coaxial connector on base completely shields terminal connection. Consists of cadmium plated base, special alloy cadmium plated spring, 102" stainless steel whip, cable and gutter clip. Furnished with 20 ft. RG-58/U cable, having PL-259 connectors on both ends. Shpg. wt., 6 lbs.
HE-674WX Net 18.52

MODEL M-20 CB WINDOW MOUNTING ANTENNA (27 MC)



For apartment installation where other outdoor antennas can not be used. Jointed, 9 ft. aluminum radiator is supported by adjustable heavy-duty cadmium bracket. Will accept either twin or coaxial feed line. As with all antennas, performance will improve with height above ground. Shpg. wt., 4 lbs.
HE-649W Net 7.35

ANTENNA COMPONENTS/ACCESSORIES

Lafayette Stock No.	Model No.	Description	Net
HE-686	M-8A	Heavy-duty standard spring. Shpg. wt., 4 lbs.	3.58
HE-654	M-9A	Heavy-duty spring. Cad. plated. Shpg. wt., 3 lbs.	4.67
HE-655	M-3	Aluminum base with black Polyester Fiberglass one-piece insulator. Hardware included. Shpg. wt., 2 lbs.	2.97
HE-656	M-13	Same as M-3 (above) but with coax fitting. Shpg. wt., 2 lbs.	5.88
HE-651	M-25	Min-Spring. Reduces shock to coil if whip strikes object. Shpg. wt., 1 lb.	1.96
HE-669	ASP-143	Double Chain Bumper Mount. Cadmium plated alloy steel interlocking "Z" links assure a secure mounting for spring, extension, coil and whip. Mount accepts 3/8"-24 thread of spring or whip. Shpg. wt., 2 lbs.	7.79
HE-868	M-4	Whip hold-down clip. Shpg. wt., 1 lb.	.73
HE-484	M-10	Rubber hole plug. Fills 1 3/8" hole. Shpg. wt., 1 lb.	.88

MODEL M-90 FIBERGLAS WHIP ANTENNA (27 MC)



A 96" black fiberglass CB whip antenna designed for use only on the 27 MC band. Mounting adapter consists of chrome plated brass ferrule with 3/8"-24 male thread to fit standard base or spring. Shpg. wt., 3 lbs.
HE-185WX Net 6.81

MODEL M-3B 102" WHIP. Similar to M-90 except stainless steel construction. Shpg. wt., 2 lbs.
HE-650WX Net 4.26
MODEL M-4 WHIP HOLD-DOWN CLIP. Shpg. wt., 1 lb.
HE-668 Net .73

Hy-Gain Amateur and Citizen's Band Communications Antennas

Model 1B1T HY-TOWER

World famous Hy-Tower operates on 10 thru 80 meters. Completely trapless. Uses unique stub decoupling system for high efficiency band switching. Works well on 6 meters and on 160 meters by use of base loading coil. SWR less than 2:1. Completely self-supporting. Overall height, 55 ft. Tower section hot dipped galvanized steel. Hardware iridite treated to MIL specs. Takes maximum legal power. Shpg. wt., 105 lbs. HB-117WX Net 139.50



Model 1B1R NEW HY-TOWER JUNIOR

New low cost version of the Hy-Gain Hy-Tower. Works 10 thru 80 meters without the use of traps. Lightweight, easy to install. 38 ft. high. Ground mounts on 1 1/2" O.D. steel pipe. SWR less than 2:1. Takes maximum legal power. Shpg. wt., 35 lbs. HB-118WX Net 79.95

WORLD FAMOUS 14 AVS TRAP VERTICAL

Self-supporting multi-band trap vertical for 10 thru 40 meters. Solid State Traps. Roof or ground mounted. Low angle DX radiation pattern. SWR less than 2:1. Only 21' high. MA-171 Shpg. wt., 10 lbs. Net 29.95
ROOF MOUNTING KIT for 14 AVS includes 5' mast, roof mount, ground plane radial wires, insulators and all necessary hardware. MA-172 Shpg. wt., 9 lbs. Net 11.95

HY-GAIN'S NEW HF "TOPPER" MOBILE ANTENNAS for 10, 15, 20, 40 & 75 Meters

Proven top laded, high efficiency single band mobile antennas featuring stabl-fold mast for low garaging and unique spring loaded quick disconnect for interchanging Topper radiators (capsules) to operate on various bands. The 3' mast of 1/2" chrome plated steel with a 3/4" x 24 stud at bottom fits any standard mount—includes stabl-fold fitting and accepts unique "quick-disconnect" attached to topper capsules. Topper capsules are 6"x3/4" diameter fiberglass rod with encapsulated coil section and a "quick-disconnect" fused to the bottom portion. Telescoping stainless steel tuner rod at top of capsule permits quick, simple adjustment to resonant frequency. Overall height approx. 102". Rated: 100W AM, 300W P.E.P.



Stock No.	Model	Description	Shpg. wt.	Net
HA-170	TL-10	10 M Capsule	1 lb.	7.95
HA-173	TL-15	15 M Capsule	1 lb.	7.95
HA-174	TL-20	20 M Capsule	1 lb.	7.95
HA-175	TL-40	40 M Capsule	1 1/2 lbs.	9.95
HA-176	TL-75	75 M Capsule	1 1/2 lbs.	11.95

3 ft. MAST SECTION for use with all Topper Capsules: MA-177 Model TM-36, Shpg. wt., 2 lbs. Net 7.95

HYGAIN MODEL SWO FOR OUTDOOR USE

Model SWO is a high efficiency doublet antenna for outdoor use. Peaker for top performance on the important 11, 13, 16, 19, 24, 31 and 49 meter short wave bands. Includes eight trap assemblies, end insulators, 100 ft. of lead-in cable with complete instructions for rapid assembly. Mounts easily under eaves, in attic space, from window to tree, etc. Overall length, 40 ft. Model SWO Shpg. wt., 2 1/2 lbs. HE-972 Net 14.75

HF DOUBLET



MULTI-BAND TRAP DOUBLET
Feature Slim Line Solid State Traps. Heavy duty end and center insulators. Copper clad stranded steel wire elements. SWR less than 2:1 at resonance on every band. Install horizontally or as inverted V. 1 kw P.E.P. or 500 watts AM.

Stock No.	Model	Frequency	Length	Shpg. Wt.	Net
HB-123WX	2BDT	40 & 80 Meters	110'6"	2 lbs.	19.95
HB-124WX	3BDT	10, 15 & 20 Meters	33'	3 lbs.	17.50
HB-121WX	4BDT	10, 15, 20, & 40 Meters	68'6"	4 lbs.	24.50
HB-122WX	5BDT	10, 15, 20, 40 & 80 Meters	111'6"	5 lbs.	34.95

MATCHED TRAPS TD CONSTRUCT

40 & 80 METER TRAP DOUBLET
HB-183WX ZTD 40 & 80 Meters 1 1/2 lbs. 12.95

Model 2BDP TRAPLESS FAN DOUBLET

For full efficiency 40 & 80 Meter operation. SWR less than 2:1. Takes unlimited power. Mounts horizontally or as inverted V. 131'S" overall. HB-125WX Shpg. wt., 2 lbs. Net 19.95

MODEL SWI ANTENNA FOR INDOOR USE



Convenient indoor Model SWI improves the performance of any shortwave receiver. Covers 5-30 Mc. Easy to install and operate. Six-foot cable (included) is attached to receiver, the telescoping "rabbit ears" extended, and the "match" and "tune" controls set for maximum signal strength. Attractively housed in unbreakable plastic with chrome-plated antennas. Model SWI. Shpg. wt., 2 1/2 lbs. HE-973 Net 14.75

HF BEAMS THUNDERBIRD TRIBANDERS



TH-4 4-Element THUNDERBIRD
Deluxe three band beam for 10, 15 and 20 meters. Slim Line Traps deliver true full-size performance. Beta Match assures maximum gain and F/B ratio without compromise. Factory pretuned. SWR less than 2:1. Longest element, 34 ft. Boom length, 15 ft. Takes maximum legal power. Shpg. wt., 32 lbs. HE-971WX Net 117.50

Model TH-3 3-Element THUNDERBIRD

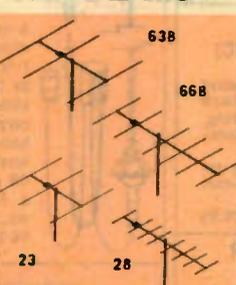
Standard three band beam for 10, 15 and 20 meters. Slim Line Traps. SWR less than 2:1. Longest element, 28 ft. Boom length, 14 ft. Takes maximum legal power. HE-773WX Shpg. wt., 36 lbs. Net 99.75

TH-3JR NEW 3-Element THUNDERBIRD JUNIOR



New lightweight Junior model of TH-3 Thunderbird. Easy to assemble and install. Rotates with heavy duty TV rotator. Excellent performance. Maximum power, 300 watts AM; 500 watts P.E.P. Shpg. wt., 28 lbs. HB-120WX Net 69.50

VHF BEAMS



Model 63B 6 METER 3-ELEMENT BEAM
Ruggedly constructed. Elements optimum spaced on 8 ft. boom. Exclusive Beta Match provides low SWR using 52 ohm coax. Longest element, 9'8". HB-128W Shpg. wt., 5 lbs. Net 16.95

Model 66B 6 METER 6-ELEMENT BEAM
Elements optimum spaced on 24 ft. boom. 15db of forward gain. Beta Matched for 52 ohm coax. Longest element, 9'8". HB-129W Shpg. wt., 17 lbs. Net 38.50

Model 23 2 METER 3-ELEMENT BEAM
Elements optimum spaced on 3 ft. boom. 10db of forward gain. Beta Matched for 52 ohm coax. Low SWR. HB-126W Shpg. wt., 2 lbs. Net 6.95

Model 28 2 METER 8-ELEMENT BEAM
Develops 16.5db of forward gain using optimum spaced elements on a 14 ft. boom. Beta Match provides low SWR using 52 ohm coax. HB-127W Shpg. wt., 5 lbs. Net 16.50

Hy-gain Citizen's Band Antennas

NEW Mark II COLINEAR GROUND PLANE

All new version of the world famous model CLR Colinear. Rugged new base mounting assembly insures survival in winds up to 100 MPH. Maximum (20 ft.) aperture develops greatest possible gain. 3.4db in measured field strength intensity plus improvement in signal/noise ratio resulting from vertical element being at DC ground. Total circuit gain in excess of 8db. DC ground feature protects antenna and equipment from lightning damage. Element material top quality aluminum tubing 1 1/4" to 3/4". All seamless tubing. Mount on mast 1" to 1 1/2". SWR less than 1.2:1. Fed with 52 ohm coax. Unconditionally guaranteed to outperform any omni-directional base station antenna legally installed (except Hy-Gain GCLR) regardless of claims. Shpg. wt., 10 lbs. HB-180WX Net 29.95

Delivers 8 DB Circuit Gain



MODEL TLWR OMNI-TOPPER

New mobile antenna designed for roof top or deck mounting — the highest part of your automobile where signals can be radiated with top efficiency in all directions. Incorporates Hy-Gain top loading. Matches perfectly to 52 ohm coax feed line. Made of stainless steel. Only 24 inches high. Complete with chrome plated miniature spring for easy garaging. Newly designed roof mount is strong and easy to install. Shpg. wt., 1 lb. HE-977W Net 11.97

MODEL TLWT-M TOP-LOADED TELESCOPING WHIP

- Stainless Steel
- Matches 52-ohm Coax
- With Base Mount

3-section stainless steel telescoping whip (50" to 28") for easy garaging. Uses top loading to raise the radiating portion of the whip to its highest point and improves matching to 52 ohm coax. Polyethylene enclosed coil capsule is sealed permanently to whip and is virtually impervious to any climatic condition. With chrome plated body mount and coax fitting. Shpg. wt., 1 lb. HE-976W Net 8.95

NEW 5-ELEMENT CITIZEN'S BAND BEAM Model 115B

Develops tremendous forward gain of 12.7db. Designed for vertical or horizontal mounting. Works equally well base station to mobile or point to point. Heavy duty, all-aluminum construction. 2 in. O.D. boom with Beta Match for 52 ohm coax. Multiplies transmitter power more than 10 times. C.B. transceiver has effective radiating power of a 50 to 75 watt transmitter. Easy to assemble and install. HB-181WX Shpg. wt., 30 lbs. Net 69.95

MARINE CB ANTENNA Model TLMA
For large or small boats. Requires no grounding system. Top loading coil capsule for highest efficiency. All stainless steel construction including hardware for maximum weatherability. Overall height, 5 feet. Complete with heavy duty molded cycloc mount, 12 feet of RG-58/U coaxial cable with a PL-259 connector. Special stainless steel quick disconnect allows quick and easy removal of antenna for boat storage. Mounts on deck of smaller boats or on cabin of larger boats. HB-182WX Shpg. wt., 2 lbs. Net 19.95

SELECTED AMATEUR, VHF and COMMUNICATIONS ANTENNAS

NEW LAFAYETTE MODEL HE-95 ALL-BAND VERTICAL TUNEABLE 10 TO 80 METERS ANTENNA

- 10 To 80 Meters
- For Fixed Operator
- Omni-Directional, Vertically Polarized
- Irridite Treated To MIL Specs

Sensationally Priced At

14.95

A best buy multi-band antenna, the HE-95 can be tuned to any amateur band 10 through 80 meters by a single adjustment. Has amazing efficiency for DX or local contacts. Can be installed in minutes. Place it on a short 1 1/2" mast driven into the ground, or roof top or tower installation. Car survive winds in excess of 50 mph. Overall height 18 1/2"; knocks down to only 5'. Uses 3 1/2" diameter air wound coil as matching inductor. All steel parts Irridite treated to MIL Specs. Impedance 52 ohms. Maximum power 1000 watts AM or CW—2 KW PE. Omni-directional, vertically polarized. Shpg. wt., 5 lbs.



NE-95WX Net 14.95

Hi-Par

"SATURN 6" MOBILEER

A compact, horizontally polarized mobile antenna for 6 meters. Since most fixed 6 meter stations have adopted horizontal polarization, the "Saturn 6" offers a distinct advantage over the vertical whip. It is essentially an end-loaded folded dipole with 3 ring design, approximately 20" in diameter, 5" high. Design center is 50.5 MC but resonant frequency may be varied between 50.5 and 53.0 MC. Easily fed with RG58/U coax through a simple "Q" section. Strong and rigid aluminum construction; net weight under 2 lbs. Easily supported on pipe, tubing or stiff rod. Model S-1—"Saturn 6" antenna, 2-piece adjustable aluminum mast, mast bracket, universal bumper hitch. No holes to drill. Less coax feed line. Shpg. wt., 5 lbs.

NE-805W Net 16.59

ROHN MODEL 25 "FOLD-OVER" TOWER 50 FEET IN HEIGHT

Permits service and interchange of beams and rotators in perfect safety, entirely at ground level! In minutes, the tower can be folded over so that the antenna and rotator are completely accessible. Completely hot-dipped galvanized after fabrication. Designed to handle the equivalent of 2 full-sized 3-element 20 meter beams, plus rotator. Accepts the CDR rotator model HAM-M. Cross section is 1 1/2" equilateral triangle with solid steel, "zigzag", electric welded cross bracing. Guying necessary at hinged area. Includes 40" base section for concrete mounting. Complete with boom, windlass and cable and all hardware, for ground installation.

NE-846WX Net 119.95

Rohn Ground Guy Kit—Simplifies installation of Model 25 tower. Contains all necessary equipment for guying tower at hinge. Net 32.75

The Model 25 Rohn "Fold-over" Tower and Ground Guy Kit will be shipped freight prepaid in the continental limits of U.S.A.



FINCO 2 & 6 METER BEAM



Model A-62 is an advanced antenna for both 6 and 2 meters. Provides up to 20.5 db front to back gain on 2 meters and up to 17 db gain on 6 meters. Heavy-duty aluminum construction with 10 ft. boom. All elements are sleeve reinforced and completely pre-assembled with "snap-on" brackets. Consists of a folded dipole, reflector and 2 directors on 6 meters; folded dipole, with phasing stub, 3 element colinear reflector and 4 3-element colinear directors on 2 meters. Turning radius 6 ft. 11". Uses one transmission line for both 6 and 2 meter band.

HE-692WX Shpg. wt., 11 lbs. Net 32.34

Model AS-62. Stacking Kit. For stacking above A-62 antenna. Shpg. wt., 1/2 lb. Net 2.15

Cush Craft 2 AND 6 METER 10 ELEMENT BEAM Model A-26-9



A combination 4 element 6 meter beam and 6 element 2 meter beam on one 12'x 1 1/4" 0.058 wall aluminum beam. The ideal beam for city and suburban VHF operators. 2 meter elements are pre-assembled on the boom; 6 meter elements are marked for quick neat assembly. Forward Gain greater than 9 db; F/B Ratio —25 db; Turning radius 7'6". Comes complete with all instructions. Uses two separate 52 or 72 ohm feedlines for optimum performance. Shpg. wt., 16 lbs.

NE-747WX Net 27.50

MODEL A-50-5 5-ELEMENT 6-METER BEAM

A rugged, full size 6 meter beam constructed of 3/4" 0.050 wall aluminum tubing with hardwood doweling at high stress points. Boom is 0.058 wall drawn aluminum. Driven element is concentric gamma matched for direct coax feed. Light enough for any heavy duty TV rotator. Turning radius —7'6"; Forward Gain—9.5 db; F/B ratio—29 db. Comes with all parts marked for quick, neat assembly and center band operation. Shpg. wt., 15 lbs.

NE-746WX Net 19.50

MODEL A-1447 7 ELEMENT 2-METER BEAM

Full size 2 meter beam. Aluminum tubing. Forward gain 11 db F/B ratio, 20 db. Shpg. wt., 6 lbs.

NE-743WX Net 8.85

Cush Craft MOBILE HALOS

6 METERS 48-56 mc

Single halo but for 6 meter use, 26" diameter, weighs 1 lb. Concentric gamma match. The UNIQUE, STREAMLINED tuning vane permits extreme broadband coverage without bulky traps. SWR 1:1 at frequency, from 5 to 15 DB gain. Supplied with 3 section, 9' telescoping aluminum mast to fit any standard mobile mount. Shpg. wt., 4 lbs.

MODEL AM-6M Single 6 Meter Halo with mast. Net 12.50

Model AM-2M—Single 2 meter Halo w/mast: 144-148 Mc. Net 8.70

HE-744W Shpg. wt., 3 1/2 lbs. Net 8.70

Model AM-22—Stacked 2 meter Halo w/mast. Net 14.95

HE-749W Shpg. wt., 4 lbs. Net 14.95

Model AM-26—Dual 2 and 6 meter Halo w/mast. Net 17.45

HE-745W Shpg. wt., 4 1/2 lbs. Net 17.45

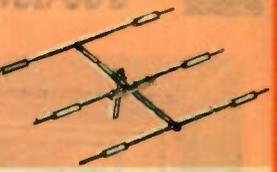
CORNELL-DUBILIER MODEL HAM-M HAM ANTENNA ROTATOR



Will support and rotate the heaviest beams commercially available. Heavy duty stainless steel motor gears and pinions; solenoid brake release, electrical end-of-rotation protection. Attractive indoor control unit with large direction indicator. Rotor easily mounted on all standard towers. Complete, ready to install. Shpg. wt., 15 lbs.

NE-475WX Net 118.11

MOSLEY "TRAP-MASTER" BEAM ANTENNAS



Model TA-33—Three element beam providing up to 8 db gain on the 10, 15, and 20 meter bands. Trap design provides broadband performance and stability — beam easily handles a full kilowatt of AM signal. 25 db front-to-back ratio, SWR 1.1/1, or less, at resonance. Beam length 14 ft., element length 28 ft. Shpg. wt., 53 lbs.

AN-53WX Net 102.65

MOSLEY TA-33 "Junior," similar to above, but only 300 watts AM. Turning radius 14 3/4 ft. Shpg. wt., 28 lbs.

AN-54WX Net 71.52

Model TA-32—Two element version of TA-33, with 5.5 db forward gain, 20 db front to back ratio, SWR 1.1/1 or better. Handles to a full kilowatt. Shpg. wt., 32 lbs.

AN-55WX Net 71.52

MOSLEY TA-32 "Junior," Similar to TA-32, but 300 watts AM. Shpg. wt., 22 lbs.

AN-56WX Net 50.85

MOSLEY "TRAP-MASTER" 10 THRU 40 METER VERTICAL

An excellent low-cord antenna for DX. Covers 10 thru 40 meters without bandswitching. An electrical quarter wavelength on each band with low-angle radiation. Low SWR with response flat across full band width. Weatherproof traps and base loading coil are of "HI-Q" design, wound on grooved polystyrene forms. Maintains resonance points under wide variations of temperature and humidity. Rated to 1 kw. Lightweight 61ST6 aluminum tubing telescopes to 20 ft. Pre-tuned, pre-drilled, color-coded for fast assembly. Comes with aluminum mounting plate, ceramic base insulator, nylon guy rope, hardware and instructions. Requires four 30 ft. radials.

MODEL V-4-6 10-40 meter vertical antenna. AN-61WX Shpg. wt., 12 lbs. Net 27.93

Mosley vertical "Trap-master" 3 band antennas for 10-15-20 meters.

MODEL V-3 Vertical (rated at 1 kw). Size 11'6". Shpg. wt., 6 lbs.

AN-59WX Net 23.62

MODEL V-3 JR. Vertical (rated at 300 w. AM.). Size: 11'9". Shpg. wt., 6 lbs.

AN-60WX Net 18.37

Mosley "Trap-mobile" 3-band whip antenna for 10-15-20 meters.

MODEL MA-3 "Trap-mobile" 3-band whip. AN-62WX Shpg. wt., 6 lbs. Net 21.56



ANTENNA SPECIALS

COMMUNICATIONS ANTENNAS

• For 30-50 MC and 130-174 MC

BASE STATION ANTENNAS

Heavy duty Ground Plane Base Station antennas for 30-50MC, and 130-174MC frequency bands. Mount easily on 1 1/4" IPS pipe (not supplied). Will handle up to 3000 watts. Include built-in lightning protection.

Stock Ho. Model Freq. Shpg. wt. Net

NE-477WX G-4 30-50MC 10 lbs. 53.88

NE-478WX GB3 130-174MC 5 lbs. 25.05



MOBILE ANTENNAS

ASP-144 Disguise antenna for 30-50 MC, with stepped rod. Simplified one-hole mounting. Replaceable 59" chrome plated whip. Supplied with 16 RG-58/U cable and connector. Specify an exact freq. Allow 3 weeks delivery.

NE-485WY Net 17.64

ASP-146 Disguise antenna, similar to ASP-144, but designed to operate between 130 and 174 MC. Supplied with 16 ft. of RG-58/U cable and connector. Chrome plated 59" whip is replaceable. Mounts in 7/8" hole. Shpg. wt., 3 lbs.

NE-486W Net 14.11



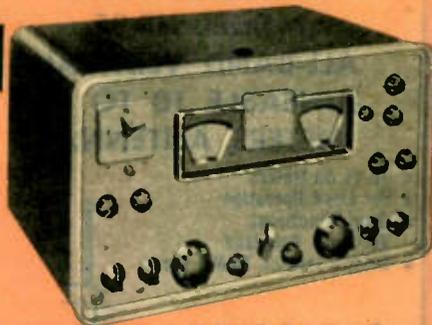


HAMMARLUND EQUIPMENT



AN OUTSTANDING COMPLETE SSB-AM-CW STATION

- Professional Performance at Amateur Prices
- Full Facilities for SSB, AM, FM, CW, RTTY Operation on 10 Through 80 Meters



MODEL HX-500 SSB TRANSMITTER

100 watt SSB transmitter for 80 thru 10 meter operation. Built-in VFO may be read to within 200 cps or better. Can be used as an SSB exciter/transmitter plus CW, FM, DSB, and FSK transmitter. Conveniently located VOX and anti-VOX controls. Features Carrier Suppression in excess of 50 db. Unwanted sideband down 50 db or better. TVI proofed. VFO employs separate scale on each band. Complete with all necessary crystals. Built-in antenna change over relay. 50 ohm pi-network output. Power output 100 watts PEP; 100 watts CW; 25 watts AM-FM-FSK. Uses 16 tubes plus 4 rectifiers and voltage regulator. Size 19 1/4" W x 11 1/2" H x 16 1/4" D. Shpg. wt., 100 lbs. 115 VAC 50-60 cps.

Net 695.00

HX-500 and HQ-180 as well as all Hammarlund equipment available for 115-230V 50-60 cycles. Please write for price.

MODEL HQ-180 RECEIVER

The HQ-180 is an 18 tube, triple conversion, general coverage receiver for SSB-AM-CW reception. Coverage .54 — 30.0 MCS with calibrated bandspread on the 80, 40, 20, 15, and 10 meter amateur bands. High selectivity with Crystal Filter (3035Kcs) and a Slot Depth Filter. Selectivity variable with 7 steps. Selectable sideband. Variable attack AVC. Automatic Noise Limiter. Adjustable calibration of frequency dial checked by the built-in 100 kc crystal calibrator. 1 watt undistorted audio output. Calibration every 5 kc 80-15 meters, every 10 KC on 10 meters. For 105-125 volts, 50-60 cps AC. Size 19Wx10 1/2 Hx13" D. Shpg. wt., 45 lbs.

HB-140WX

Model HQ-180C. Same as above plus clock timer.

HB-141WX

Model S-200. Matching Speaker In Cabinet.

HE-159

Shpg. wt., 10 lbs.

Net 449.00

Net 19.95



MODEL HQ-100A RECEIVER

- 540 KC to 30 MC
- Variable BFO
- Q-Multiplier

A highly sensitive and selective redesigned version of the famous HQ-100, continuously tunable from 540 Kc to 30 MC in four bands. Accurately calibrated electrical bandspread on the 80, 40, 20, 15 and 10 meter bands. Sensitivity: 1.75 microvolts for 10-1 signal-to-noise ratio. One r.f., 2 i.f. stages. Temperature compensation, voltage regulation and rugged construction in the separate high-frequency oscillator section result in high stability. Other features: Q-multiplier for variable selectivity, AVC, variable BFO, effective series noise limiter, "S" meter, panel-controlled antenna compensator. "Auto-Response" feature automatically adjusts audio bandwidth to fit receiving conditions. For 105-125V., 50/60 cps. Dimensions: 16 1/4" W x 9 1/4" H x 9 1/4" D. Shpg. wt., 33 lbs.

HE-175WX Net 189.00

MODEL HQ-100 AC Receiver w/clock Net 199.00

ME-174WX Shpg. wt., 33 lbs.

MODEL S-100. Matching speaker Net 14.95

ME-152 Shpg. wt., 10 lbs.

MODEL XC-100, 100 KC crystal calibrator. Net 15.95

HE-153 Shpg. wt., 3 lbs.



RECEIVER MODEL HQ-110A

- SSB/CW and AM
- 160 to 6 Meters
- Dual Conversion

A 12 tube superhet receiver with dual conversion for excellent image rejection. Full dial coverage of 6, 10, 15, 20, 40, 80, and 160 meter bands. New expanded dial with 144-148MC calibrations for use with 2-meter converters. Features tighter mechanical and electrical stability; accessory socket for preamps or converters; and separate 6 meter coax input for rapid shift from VHF to LF operation. AVC operates on RF and IF. Q multiplier continuously variable from 100 cps to 3 Kcs. Separate stabilized BFO and linear detector for SSB and CW reception. Antenna compensator for loading effects of various antennas or balanced transmission line. Calibrated "S" meter. New series type noise limiter. Built-in 100 KC crystal calibrator. For 105-125 cps, AC. 16 1/4 W x 9 1/4 H x 9 1/4 D. Shpg. wt., 33 lbs.

HE-936WX Net 249.00

MODEL HQ-110AC Receiver w/clock. Shpg. wt., 34 lbs.

HE-937WX Net 259.00

MODEL S-100. Matching speaker in cabinet.

HE-152 Shpg. wt., 10 lbs. Net 14.95



MODEL HQ-170-A RECEIVER

- Triple Conversion
- 160 to 6 Meters

Offers a practically endless combination of tuning techniques for optimum reception of SSB/CW and AM/MCW. Tunes 6, 10, 15, 20, 40, 80 and 160 meter bands plus 2 meter calibration. Triple conversion 17 tube circuit; separate vernier tuning; BFO control, built-in 100KC crystal calibrator. For 115V AC. Size: 19W x 10 1/2 H x 13" D. Shpg. wt., 45 lbs.

HE-975WX HQ-170A Net 369.00

MODEL S-200—Matching Speaker for HQ-170A Net 379.00

ME-159 Shpg. wt., 10 lbs. Net 19.95

HQ-145X RECEIVER

An 11 tube superhet (not illustrated) for 540 Kc to 30 Mc. Dual conversion from 10 MC to 30 KC Crystal filter and 60 db slot filter for high selectivity. 10Hx 19Wx13" D.

ME-176WX Shpg. wt., 42 lbs. Net 279.00

HE-177WX HQ-145XC (as above but w/clock Net 289.00

Model S-200 Matching speaker in cabinet for above.

ME-159 Net 19.95

HX-50 COMPACT FILTER-TYPE TRANSMITTER FOR SSB, AM, OR CW



- 130W PEP Input
- 80-10 Meters
- Highly Stable

An example of excellent engineering, the HX-50 offers the latest design features and conveniences. Covers all ham bands from 80 to 10 meters plus MARS frequencies. Frequency ranges (MC): 3.5-4, 7-7.3, 14-14.35, 21.0-21.45, 28-28.55, 28.55-29.1, 29.1-29.65. Power output 130 watts P.E.P. SSB, 50 watts CW, and 12.15 watts AM. Fixed pi network output with 50 ohm impedance. VFO stability better than 250 cycles after warmup, with all other oscillators crystal controlled. Vernier tuning dial calibrated every 10 K.C., readable to 2KC. Slide rule dial. Carrier, unwanted sideband and spurious frequencies down 50 db or better. Third and fifth order distortion down 30 db or better. Includes all crystals, built-in antenna change-over, VOX, and keying relay. Operational controls on front panel. For 105-125V. 50/60 cps. Dimensions: 17 1/2 W x 9 1/2 H x 9 1/4" D. Shpg. wt., 50 lbs.

HE-178WX No Money Down Net 449.50

HXL-1 LINEAR AMPLIFIER



- 1500-Watts, PEP, 1 KW CW Input
- Covers 80-10 Meters • 3-Element Pi-Network

A top quality 5-band linear amplifier which will give you years of service. An ideal mate for the HX-50, the HXL-1 gives power packed performance on SSB, CW and AM covering the 80 to 10 meter ham bands. Features 1500-watts PEP input and 1 KW CW input. Efficient grounded-grid circuit uses high dissipation triodes and an adjustable 3 element pi-network. Built-in panel meter includes linearity test. Husky, self-contained silicon rectifier power supply. Relays provided for "exciter only" or amplifier operation. Control circuitry compatible with most transmitters and receivers. For 115-230V 50/60 cycles AC. Size 17 1/2 W x 9 1/4 H x 9 1/2" D. Shpg. wt., 105 lbs.

HE-939WX No Money Down Net 399.50



HAMMARLUND HK-1B ELECTRONIC KEYS

A compact, fully transistorized code generator that combines all of the desirable features of electronic sending with distinctive dot/dash control to give messages your "personal touch." Uses simplified transistorized circuitry and operates on standard 22 1/2 volt battery. Keying relay prevents polarity reversal and transistor damage. Less battery.

ME-147 Net 39.95

BA-270 22 1/2 Volt battery for above Net 1.61

MODEL MR-50-X TWO-WAY RADIO COMMUNICATIONS MONITOR

An extremely sensitive double conversion FM receiver for remote monitoring of communications. Comes pre-tuned and crystal controlled to a fixed channel within the range from 147 MC to 174 MC. For 117V, 60 cps AC. 75 watts. Size: 13Wx7Hx7 3/8" D. Shpg. wt., 21 lbs.

HE-179WX Specify Exact Freq. Net 199.50

National Communications Receivers

NEW NC-77X SHORTWAVE RECEIVER

- Covers 540 KC to 31 MC In Four Bands
- AC-Transformer Operated
- Built-in 5" Speaker

A deluxe shortwave superhet receiver. Offers the beginning shortwave listener or novice radio amateur maximum reliability and performance. Features AC transformer operation eliminating hum and ground problems and shock hazards. Covers 540 KC to 31 MC in 4 bands, with electrical bandspread on all frequencies. Giant, easy-to-read dial has standard AM broadcast, marine, aircraft, citizens band, CD, WWV, amateur and foreign shortwave broadcast bands clearly marked. Also has built-in 5" PM speaker, front panel headphone jack, BFO for code reception. Brushed aluminum front panel. Steel cabinet 13½Wx7½Hx9"D. For 117V 60 cycles AC. Shpg. wt., 18 lbs.

MA-180 NC-77X Net 69.95
 MODEL NC-77XW. Above, in oiled walnut cabinet. For living room or den. Net 89.95
 HB-192WX Net 89.95



NC-140 GENERAL COVERAGE RECEIVER

- Dual Conversion
- 1µV Sensitivity
- Q-Multiplier



A high quality general coverage receiver tuning 540 KC to 31 MC in five bands with 1 microvolt sensitivity. Bandsread scale is calibrated for 80 through 10 meter amateur bands and five popular foreign BC bands. Featuring double conversion above 4 MC; an active peaking Q multiplier usable with BFO; on RF stage and SSB/CW product detector. Finished in National Blue and Silver-Gray. For 105-125 50/60 cycle AC. Size: 8½H-15½Wx9"D. Shpg. wt., 28 lbs.
 HE-226WX ... No Money Down Net 189.95
 NTS-3B Matching speaker for NC-140 Net 19.95
 HE-220 Shpg. wt., 6 lbs.

NEW NC-121 GENERAL COVERAGE RECEIVER

- Covers 550 KC to 30 MC In Four Bands
- Q-Multiplier For Optimum Selectivity



A handsome, feature-packed general coverage receiver for the amateur, shortwave listener and hi-fi enthusiast. Offers continuous coverage from 550 KC to 30 MC in 4 bands, illuminated "S" meter and peaking Q-multiplier. Tuner output allows use of NC-121 with hi-fi equipment. Built-in 5" PM Speaker, front panel headphone jack. Separate RF and audio gain control; separate product detector/BFO, AGC; and noise limiter. Brushed aluminum panel. Steel cabinet. 13½Wx7½Hx9"D. For 105-120V, 60 cycles AC. Shpg. wt., 24 lbs.
 HB-190WX NC-121 No Money Down Net 129.95
 NC-121W Above, in oiled walnut enclosure. For living room or den. Net 149.95
 HB-191WX No Money Down Net 149.95

NATIONAL NC-303 DUAL CONVERSION AMATEUR COMMUNICATIONS RECEIVER

- Improved Q multiplier
- 1µV sensitivity



Covers 160 - 10 meters. Provision is made for 6, 2, and 1¼ meter converters. Features include an improved "Q" multiplier with 60 db rejection notch and a 5 position IF band-width selector with selectable sideband for a wide choice of bandwidth/selectivity combinations. Also included are dual noise limiters (ANL for AM, a double-ended manual limiter for CW and SSB), exclusive WWV converter provision, high-speed 40-1 tuning knob with vernier drive and a "fast attack, slow release" AGC to eliminate momentary overload from AGC lag and background noise during speech pauses. Sensitivity better than 1 µV @ 10 db S/N. Giant slide-rule dial readable to 2 kc without interpolation to 21.5 mc. 15 tubes including rectifier. Power requirements: 105-125 VAC, 50-60 cps, 9½W x11¼Hx15"D. Shpg. wt., 64 lbs.
 HE-208WX Net 449.00
 HE-209 NTS-2 Table Speaker for NC-303 Net 21.95

NC-190 GENERAL COVERAGE RECEIVER

- Double conversion
- High Frequency Stability



A double conversion, general coverage receiver for 530Kc through 30 Mc. Unique Ferrite Filter at the second i.f. (230 Kc) provides selectivity variable from 5 Kc to 600 cycles at 6db down. Sensitivity is better than 1 microvolt for 10db S/N ratio. Choice of calibrated electrical bandspread. Bandsread vernier provides 60:1 tuning ratio. Front end employs a low noise 6BZ6 r.f. amplifier with antenna trimmer. Other features: separate product detector for SSB, calibrated USB/LSB BFO control, AVC and edge-reading "S" meter which operate on all reception modes. Noise limiters: automatic series gate for AM, i.f. limiting for SSB/CW. Accessory crystal calibrator provides 1 Mc markers throughout the tuning range. Audio output: 1 watt at 10% distortion, 3.2 ohms. Headphone jack on front panel. For 105-125 VAC, 50-60 cps. Dimensions: 15½Wx8½Hx9"D. Shpg. wt., 28 lbs.
 HE-221WX Net 219.50
 NTS-3B Matching speaker for NC-190 Net 19.95
 HE-220 Shpg. wt., 6 lbs.

SELECTED PACKAGES ON NATIONAL RECEIVERS



Look what you get for only \$5.00 when purchased with any of these fine NATIONAL receivers.

HA-181M National NC-77X Receiver plus clock, antenna, & headset	74.95
HB-194WXM National NC-121 Receiver plus clock, antenna, & headset	134.95
HB-193WXM National NC-270 Receiver plus clock, antenna, & headset	284.95

MOSLEY CM-1 SSB-AM-CW COMMUNICATIONS RECEIVER

This compact communications receiver provides fine receiver performance at an unusually low price. Performance and features include: Double conversion with crystal controlled first oscillator; Diode detector for AM and product detector for SB and CW; Covers 80 meters through 10 meters; S-meter functions on AM, CW or SB, with or without BFO; Selectivity — 2.5 KC at — 6 db; Sensitivity: ½ microvolt for 10 db signal-to-noise ratio on 10 meters; Stability: less than 500 cycles compensated and voltage regulated; Image & IF Rejection: 35 db minimum; Audio Output: ½ watt at 6% distortion; Steel enclosure finished in grey and black. Size: 10½x7½x8" Deep. For 117V 50/60 cycles AC operation.
 HE-796 WX Shpg. wt., 24 lbs. NO MONEY DOWN Net 182.70
 MODEL CMS-1 Matching Speaker for above. Shpg. wt., 3 lbs. Net 16.95
 HE-797 Net 16.95



- ½µV Sensitivity on 10 Meters
- Double Conversion 80 Thru 10 Meters

NC-270 DOUBLE CONVERSION AMATEUR BAND RECEIVER

- SSB/CW/AM on 80 Thru 6 Meters
- Sensitivity over 1.5 microvolts



A deluxe double conversion receiver for the amateur bands from 6 to 80 meters. Sensitivity is better than 1.5 microvolt for 1 watt output, 10 db signal to noise ratio. Double conversion, with IF frequencies of 2215 kc and 230 kc, insures optimum image rejection. Selectivity: in addition to a special patented ferrite filter, a 5-position IF switch provides bandwidths of 5.0 kc (Broad) 3.0 kc (Medium) 2.5 kc (USB), 2.5 kc (LSB) and 600 cycles (Very sharp). "Bifilar T Notch" rejection circuit providing more than 50db interference rejection, separate heterodyne detector for SSB and CW, automatic noise limiter, S-meter, a full 3 watts audio output, inertia-type tuning knob, large dial, and a unique "Flip Foot" on both receiver and matching speaker for operating convenience. Requires 75 watts at 105-125 VAC, 50-60 cycles. 8½Hx15½Wx9"D. Shpg. wt., 28 lbs.
 HE-219WX Net 279.95
 HE-220 Matching Speaker, Shpg. wt., 6 lbs. Net 19.95

OTHER NATIONAL EQUIPMENT

NC-400 Double Conversion general coverage receiver covers 540 KC to 31 MC in 7 bands. Net 895.00
 HE 216WX Shog. wt., 72 lbs.
 VFD-62 Precision variable frequency oscillator for 6 and 2 meters. Size: 5¼Hx6½Wx5¼"D. Net 49.95
 HE-213



hallicrafters PRECISION BUILT SHORT-WAVE



S-118

S-118 GENERAL COVERAGE RECEIVER

General coverage superhet receiver with extended low frequency tuning. Covers the broadcast, amateur and international short wave bands, plus consolan, aeronautical, mobile and international distress frequencies. Frequency range is 185 Kc to 31 Mc in 5 bands: 185 Kc to 420 Kc, 495 Kc to 1.620 Mc, 1.600 Mc to 4.950 Mc, 4.850 Mc to 15.000 Mc, and 14.800 Kc to 31.000 Mc. Features include electrical bandspread, BFO, noise limiter, separate sensitivity control, headphone jack and built-in speaker. Antenna: loopstick for two lowest bands with provisions for external antenna on all bands. The upper three bands have an antenna input impedance of 50-75 ohms. Tube complement: 6BL8 mixer/oscillator, 12BA6 1st i.f. (455 Kc), 6BL8 2nd i.f./BFO, 6T8 detector-ANL-AVC-1st audio, 6AQ5 audio output. Power supply contains 2 silicon diode rectifiers. For 105-125 VAC 50/60 cps. 13 3/4" Wx6 1/2" Hx 8 1/2" D. Shpg. wt., 19 lbs.

HE-131WX Net 99.95



SX-110

MODEL SX-110 HAM-SWL RECEIVER

● CRYSTAL FILTER. 80, 40, 20, 15, AND 10 METER BANDS
Superheterodyne receiver covers 540 KC (broadcast band) to 34 MC in four bands. Features slide rule type dial and electrical bandspread over the 10, 15, 20, 40 and 80 meter amateur bands. Separate bandspread tuning condenser. Switchable crystal filter and built-in "S" meter. All controls are on front panel. Output: 2 watts. Grey steel cabinet with chrome trim. Size 18 1/4" Wx8 Hx 10 1/4" D. 117 AC. Shpg. wt., 32 lbs.

HE-108WX Net 169.95

MODEL S-108 RECEIVER

Same as SX-110 less S-meter, antenna trimmer, and crystal filter, but includes a built-in speaker.

HE-107WX Net 139.95



SX-62A

MODEL SX-62A ALL WAVE FM-AM RECEIVER

A most complete communications receiver, the SX-62A will give top performance on any wave band, has every modern refinement known. Six ranges: 540-1620 Kc broadcast, 1620 Kc-4.9 Mc, 4.9-15 Mc, 15-32 Mc, 27-56 Mc (AM-FM), 54-109 Mc (AM-FM). Audio is of hi-fi quality up to 10 watts, with 4 position tone control. Red dots identify AM and SW controls, green dots for FM controls. Wide vision slide-rule dial; one band lights at a time. Circuits are temperature compensated, voltage regulated; has six position selectivity control, front panel phone jack. Has separate RF and AF gain controls, 60-1 ratio tuning knob for fine tuning, and AVC, ANL on BFO switches. Complement of 14 tubes plus one rectifier and one voltage regulator. Size: 20x10 1/2 x 16". Shpg. wt., 67 lbs. 117 VAC.

HE-105WX less speaker Net 430.00

S-120 SHORTWAVE RECEIVER



BUY ON TIME
SEE PAGE 412

No Money Down

Covers Broadcast Band 550-1600 KC plus 3 Short Wave Bands 1600 Kc to 30 Mc. 3 Antennas, Slide Rule Bandspread Dial, New Compact Styling.

This new precision built receiver features electrical bandspread with slide rule bandspread dial and separate bandspread tuning condenser. Front panel headphone jack which automatically disconnects self-contained speaker may be used to drive remote 8 ohm speaker. Has 3 antennas (ferrite loop for broadcast band; adjustable whip for short wave wire antenna). Tube complement: 12BE6 Converter, 12BA6 I-F amplifier, B.F.O., 12AV6 Audio amplifier, AVC detector, 50C5 Audio, plus Selenium Rectifier, 455KC IF. Attractive gray steel cabinet with silver trim. 13 1/2" Wx 5 7/8" Hx 8 3/4" D. (U/L Approved). Operates on 105-125V 50/60 cycles. AC/DC. Shpg. wt., 12 lbs.

HE-127 S-120 RECEIVER Net 69.95

MATCHING SPEAKERS



R-48A MATCHING 5x7" speaker for AM, CW or Music reception—switchable for voice or music reception 3.2 ohm. Shpg. wt., 10 lbs. For use with SX-62A, SX-110, SX-115 and SX-140.

HE-113 Net 19.95

R-47 4" PM Speaker for CW or speech reception; response: 300-2850 cps; 3.2 ohm impedance. For use with SX-115, SX-140, SX-110. Shpg. wt., 2 1/2 lbs. HE-112 Net 12.95

SELECTED PACKAGES ON SWL RECEIVERS



S-118

SX-110

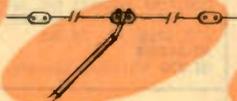
S-120

LOOK WHAT YOU GET for only \$5.00 when purchased with any of these 3 fine Hallcrafters Receivers.

FAMOUS 24-hour
Electric WORLD CLOCK



HYGAIN SW-4
"Flat Top" SW
ANTENNA



HEADSET &
PHONE PLUG



HA-164M S120 Receiver plus above clock, antenna, & headset Net 74.95

HB-132WXM S118 Receiver plus above clock, antenna, & headset Net 104.95

HB-133WXM SX110 Receiver plus above clock, antenna, & headset Net 174.95

HALLI-KITS FROM HALLCRAFTERS A complete 80 through 6 Meters AM/CW Station in Kit Form



HT-40K

SX-140K

MODEL HT-40K TRANSMITTER KIT

- Excellent CW and AM Performance
- Full Band Switching, 80 through 6 meters

Specifications: Power Input: 75 watts. Power output: 35 watts CW, 30 watts peak AM phone. Bands: 80, 40, 20, 15, 10 and 6 meters. Tubes: 6DQ5 power output; 6CX8 crystal oscillator—Multiplier—Buffer; 12AX7 speech amplifier; 6DE7 audio amplifier-Modulator; silicon rectifiers. Controls—Front Panel Function: Band Selector; Drive Control; Plate tuning; plate loading; Crystal—VFO; Grid current; Meter; AC light; RF output. Rear Chassis: Microphone gain; antenna co-ax connector; remote control terminals: AC power cord. Gray steel cabinet 13 3/4" Wx8 1/2" Dx6 3/4" H. Shpg. wt., 20 lbs. HE-123WX HT-40K Kit Net 89.95
HE-124WX HT-40 Factory Wired & Tested Net 109.95

MODEL SX-140K RECEIVER KIT

● Complete coverage of 80 through 6 meter Amateur Bands
Receiver has high sensitivity and sharp selectivity; RF stage; S-meter; antenna trimmer and crystal calibrator. Tuning rate 25 to 1. Controls: Tuning, Antenna Trimmer; Cal. Reset; Function (AC off, standby, AM, CW-SSB); Band Selector; Cal on/off; RF Gain on/off; Selectivity/BFO; Audio Gain; phone jack; S-meter Adj. Tubes: 6AZ8 tuned RF amplifier and crystal calibrator; 6U8 oscillator mixer; 6BA6 IF and BFO, 6T8A 2nd detector, A.V.C., ANL and 1st audio; 6AW8A audio power and S-meter amplifier; 2 silicon rectifiers. Gray steel cabinet 13 3/4" Wx8 1/2" Dx6 3/4" H. Shpg. wt., 15 lbs. HE-125WX SX-140K Receiver Kit Net 114.95
HE-126WX SX-140 Factory Wired & Tested Net 139.95

AND AMATEUR EQUIPMENT

hallicrafters



HT-37

COMPLETE SSB-AM-CW STATION

- All Amateur Bands from 80 to 10 Meters
- 70-100 Watts PEP Transmitter Output
- Sensitive and Selective Double Conversion Receiver
- Both Units Designed for Maximum Operating Convenience



SX-117

HT-37 SSB EXCITER/TRANSMITTER

• AM-CW-SSB OPERATION • 70-100 Watts PEP OUTPUT

The HT-37 is a completely self-contained 70-100 watt transmitter that may be operated "barefoot" or used as an exciter for most high-power linear amplifiers. Features a highly stable VFO employing double reduction disc drive, calibrated on all amateur bands, making operation a pleasure. Utilizing 2-6146 tubes in the final stage, the HT-37 is rated at 70-100 watts PEP output for SSB/CW and 17-25 watts carrier on AM phone. Sideband suppression is 40 db at 1000 cps for clear sounding signals. Provision is made for an instant CW CAL signal from any transmitting mode. Utilizes the same voice control circuitry as found in the HT-32A Transmitter for ease-of-operation. Final stage operates at low power in standby position for optimum cooling and trouble-free performance. Size: 9½Hx18¼Wx16¾"D. For 105-125 volts, 50-60 cps AC. Shpg. wt., 86 lbs.

ME-120WX No Money Down Net 495.00

SX-117 TRIPLE CONVERSION

HETERODYNE COMMUNICATION RECEIVER

- Sensitivity less than 1 micro-volt
- Crystal controlled 1st and 3rd conversion oscillators

An exceptional communications receiver with a high order of electrical and mechanical stability. Can operate on most frequencies from 150 KC to 30 MC with use of proper crystal. For AM/CW/SSB reception. Features transmitter type VFO which can be used as crystal locked oscillator. 1st and 3rd converters are crystal controlled for top performance. "T" notch for up to 50 db attenuation. Back-lash free tuning mechanism—Selectable side bands. Selectivity variable in 3-steps from 500 to 5000 cycles. The SX-117 is shipped with crystals to cover 3.5—4.0, 7.0—7.5; 14.0—14.5, 21.0—21.5, and 28.5—29.0 Mcg. For 105-125V 50/60 cycles AC. Size: 15Wx7½Hx13"D. Shpg. wt., 21 lbs.

ME-145WX No Money Down Net 379.50



SX-115



HT-41



HA-5



HA-8



S-119

hallicrafters

SX-115 RECEIVER

A new "Front end" utilizes bandpass couplers with the advantage of 4 tuned circuits, for better "out of band rejection." All spurious and image signals are down 60 db. Deluxe features include: Accurate Frequency readout, 1KC calibration marks, built-in 100 KC crystal calibrator, crystal controlled 1st and 3rd conversion oscillators, HT-32 VFO, two AVC loops. Sensitivity less than 1 microvolt. Selectivity variable in five steps from 500 to 5000 cycles. Covers nine 500 KC segments from 3.5—30 MC to include WWV/WWVH reception. For 105-125 volts 50/60 cps. AC. Size: 16Wx10¼Hx16"D. Shpg. wt., 47 lbs.

ME-129WX No Money Down Net 599.95

EASY BUDGET PLAN SEE PAGE 412

HT-41 LINEAR AMPLIFIER

Input 1000 watts on SSB through 20 meters (slightly less on higher bands). 450 watts on AM and 800 watts CW. Can be driven by any SSB exciter with 20-100 watts. Ideal companion to HT-37. Adjustable pi-network coax output. 40-75 ohms. All important circuits are metered. Input impedance 30-75 ohms. Use Class B grounded grid circuitry. Self-contained power supply with two 866A rectifiers. 19¼Wx9Hx15¼"D. Shpg. wt., 97 lbs.

ME-138WX No Money Down Net 395.00

HA-5 DELUXE VFO

Heterodyne VFO with outputs on 3.5-4.0 Mc, 7.0-7.5 Mc, 7.8-8.3 Mc, and 8.333-8.833 Mc. Illuminated dial calibrated on all amateur bands from 80 to 2 meters. Variable oscillator operates only in the 5.0-5.5 Mc range. Break-in keying in mixer cathode. Built-in, voltage regulated power supply. For 105/125 VAC, 60 cps. 7Wx5Hx8½"D. Shpg. wt., 8 lbs.

ME-139 Net 79.95

HA-8 "SPLATTER GUARD" MODULATION INDICATOR

The new Hallicrafters "Splatter Guard" will help reduce the possibility of splatter resulting from too heavy a hand on the audio gain control. This electronic modulation indicating device follows voice peaks and is transformer operated. Front panel control: Sensitivity/AC off. Rear chassis: AC cord; phone input probe connector. Complete with R.F. probe and interconnecting cable. Overall: 7½" long, 2¾" high, 5¾" deep. AC only. Shpg. wt., 7 lbs.

HA-165 Net 24.95

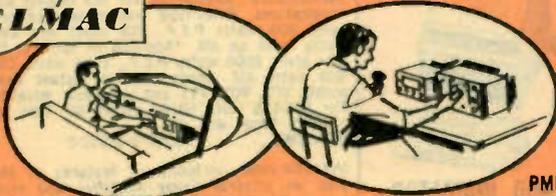
S-119 "SKY-BUDDY" RECEIVER

A super-heterodyne receiver kit covering the standard broadcast band plus two SW bands: 2 Mc-5.5 Mc; 6 Mc-16.5 Mc; includes 80, 40 and 20 meter amateur bands. Built-in speaker, headphone tip jacks. AM/CW switch. Tube comp: 6BE6 oscillator/mixer, 6BA6 i.f. amplifier/BFO, 6CM8 first and second audio amplifier and output. 10½Wx5Hx7½"D. Shpg. wt., 9 lbs.

ME-135 S119 Factory Wired & Tested Net 49.95
ME-136 S119K Receiver Kit Net 29.95

COMPLETE 6-BAND MOBILE/PORTABLE/FIXED STATION

MULTI-ELMAC



PMR-8 RECEIVER MOBILE OR FIXED

Highly sensitive and selective double conversion receiver for mobile or fixed stations, covering 80, 40, 20, 15, 10, and 6 meters (50-52 MC), plus the standard broadcast band. Ideal companion to the AF-68. Sensitivity: 0.5 microvolt for 10 db quieting. Selectivity: 3 KC at 6 db down, 12 KC at 60 db down. Second conversion oscillator crystal controlled: first conversion (variable) oscillator temperature compensated, with regulated voltages on plate and filament. Other features: tuned RF stage, delayed AVC, effective noise limiter, calibrated BFO. Antenna input 52 or 72 ohms. Filaments operate on 6 or 12 volts. Headphone jack included. External speaker and power supply required. Size: 4½x9½x7". Shpg. wt., 11 lbs.

ME-941WX NO MONEY DOWN Net 189.50

M-1070 Power supply for AF-68 and PMR-8. (Not illus.)
For 6 or 12 volts DC, or 115 volts, 50/60 cps AC. Shpg. wt., 15 lbs.

ME-942W Net 79.50

PMR-8



AF-68

AF-68 TRANS-CITER

Covering the 80, 40, 20, 15, 10 and 6 meter amateur bands on CW and AM, the AF-68 can be used as a VFO or crystal controlled exciter, speech amplifier, driver, or complete low powered transmitter. Input, 60 watts to a 6146 final, with pi network coaxial output matching a wide range of impedances. Single control bandswitching. Five circuit illuminated panel meter indicates grid current P.A. off, grid current P.A. on, plate voltage, modulator plate current, and final plate current. Built-in temperature compensated VFO has output on 3.5-4.0 MC, 7.0-7.5 MC, or 12.5-13.5 MC. VFO spotting switch provided. Crystal socket holds two crystals. Audio output of 30 watts at 600 ohms available, as well as various combinations of RF output. Filaments operate on 6 or 12 volts. External power supply and microphone required. Size: 13½Wx6½Hx7½"D. Shpg. wt., 21 lbs.

ME-940WX NO MONEY DOWN Net 205.00



E. F. JOHNSON

Viking **TRANSMITTERS**



"VALIANT II"

"VALIANT II" TRANSMITTER

The Valiant II gives you outstanding flexibility and performance. Complete band switching on all amateur bands 160 to 10 meters—delivering 275 watts on CW and SSB (with auxiliary SSB exciter or adaptor) and 200 watts on AM. Can be used either crystal controlled or with built-in temperature compensated VFO. VFO operates in the 1.75 to 2 Mc and 7.0 to 7.45 MC ranges. Features: Complete TVI suppression; timed sequence (grid block) keying; push-to-talk audio system for use with high impedance crystal or dynamic mikes; low level audio clipping, built-in low pass audio filter and self-contained power supplies. Three 6146 tubes are used in the final amplifier. For 105-120 VAC, 50/60 cps. 600 watts. Size: 21Wx11½Hx14"D. Shpg. wt., 83 lbs. HE-625WX 240-105-2 Wired Net 495.00
HE-624WX 240-105-1 Kit Net 375.00

"RANGER II" AM-CW TRANSMITTER



- Single-Knob Bandswitching
- 65-75 Watts on AM/CW • 160 Thru 6 Meters

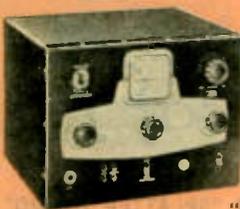
Popular AM/CW bandswitched transmitter/exciter for 6 through 160 meters with crystals or built-in VFO. 6146 final handles 75-watt CW input or 65 watt phone operation. Pi-network coupling system matches antenna loads from 50 to 500 ohms. Uses timed sequence (grid block) keying for sharp "break-in" and clear signals. Stable temperature compensated built-in VFO is for each of the 7 bands. Planetary drive mechanism results in smooth accurate tuning. Uses high impedance microphone. 100% modulation. Completely TVI suppressed. Audio response: 250-3000 cps. Full meter switching. For 105-120V AC, 50/60 cycles. Less crystal, mike and key. Size: 15½Wx9¾Hx14"D. Shpg. wt., 54 lbs. HE-621WX Model 240-162-2 Wired Net 359.50
HE-622WX Model 240-162-1 Kit Net 249.50



"CHALLENGER"

**"CHALLENGER" TRANSMITTER
120 WATTS CW, 80 THRU 10 METERS
85 WATTS ON 6 METERS**

The Viking "Challenger" is ideal for the novice or experienced amateur. Instant bandswitching 80 through 6 meters—70 watts phone input—120 watts CW input 80 through 10 meters and 85 watts CW input on 6 meters! Straight through final amplifier operation even on 6 meters provides excellent efficiency and modulation characteristics. Size: 13¼x10¼x9½". Shpg. wt., 28 lbs. Model 240-182-2. Above wired and tested. Net 169.75
HE-425WX Model 240-182-1. Above in kit form. With tubes. Net 124.75
HE-424WX



"ADVENTURER"

**"ADVENTURER" TRANSMITTER
50 WATTS CW INPUT, 80 THRU 10 METERS**

Completely self-contained transmitter in kit form. Features crystal or external VFO control, single-knob bandswitching, clean break-in keying. 6AG7 oscillator/multiplier drives 807 final. Effectively TVI suppressed. 10¼x8½x7¾". Shpg. wt., 19 lbs. HE-423WX Net 69.95
MODEL 240-181-1. Above in Kit Form. With tubes. Net 12.25
HE-444 Model 250-40. Speech amplifier/modulator kit for Adventurer. With tubes. Shpg. wt., 1 lb.



"6N2" TRANSMITTER

"6N2" VHF TRANSMITTER

A compact VHF transmitter which offers instant band-switching coverage of both 6 and 2 meters. Power input is rated at 150 watts CW and 100 watts AM phone. May be operated by external VFO or built-in crystal control. Critical adjustments are avoided by using 8-9 MC crystals in a pentode oscillator. Requires 6.3V at 3.5 amps, 300VDC at 70 ma and 300-750V DC at 200 ma. Capable of 30 watts or more of audio. 5894 dual tetrode final. 150 watts input on CW or FM; 100 watts on AM phone. Uses silver plated balanced tank circuits. TVI suppressed, 8-9MC output. LC keying circuit. Available completely wired and tested or as an easy-to-assemble kit, with tubes, less crystals, key and microphone. Size: 13¼Wx8¾Hx8½"D. Shpg. wt., 14 lbs. HE-445WX 240-201-1 Kit Net 149.50
HE-446WX 240-201-1 Wired Net 194.50



**FILTER-TYPE
SSB ADAPTER**

- Instant Bandswitched Coverage of 80-10 Meter Bands
- Adapts AM/CW Rig's to SSB

Superbly engineered with many outstanding features. Ideal mate to "Valiant II"... places 275 watts P.E.P. at your command! Consists of 2 compact units and cables. The RF unit may be placed on your desk. Features built-in multiplier which requires VFO input only; positive acting VOX and anti-trip circuits with anti-trip matching transformer and adjustable VOX time-delay. Balanced audio response; crystal filter for 45-50 db carrier and sideband suppression. Fixed 50 ohm pi-network output. For 105-125V 50/60 cycles AC. Size: RC unit, 8Wx11½Hx14"D.; Power Supply, 3¼Wx6¾Hx7¾"D. Shpg. wt., 31 lbs. HE-286WX Model 240-305-2 Net 369.50

INVADER AND INVADER 2000

2000

WATTS

P.E.P.

SSB*



NO MONEY DOWN EASY PAY PLAN SEE PAGE 412

Performance engineered for top quality amateur communications. Filter-type transmitter/exciter delivers a solid 200 watts P.E.P. SSB input and CW input, 90 watts input on AM. *Addition of optional linear amplifier gives 2000 watts P.E.P., 1000 watts CW input and 800 watts AM. Specs. include instant bandswitching, stable VFO, VOX, PTT and chirpless, mixer-type keying. For 105-125 volts 50/60 cycles AC. Size: 21Wx11½Hx17½"D. Shpg. wt., 67 lbs. HE-455WX Model 240-302-2 Net 619.50

INVADER-2000: includes all features of the INVADER plus an integral linear amplifier and remote power supply. POWER REQUIREMENTS: 105-125 volts 2 wire or 210-250 volt 3 wire, 50/60 cps, 1600 watts. SIZE and WEIGHT: same as INVADER. POWER SUPPLY SIZE: 11¼Hx19¾Wx14½"D. Total shpg. wt., 181 lbs. HE-456WX Model 240-304-2 Net 1229.90

INVADER HI-POWER CONVERSION—Complete wired and tested assembly including new front panel, cables, additional meter, tubes, remote power supply, etc. to convert INVADER to INVADER-2000. Shpg. wt., 115 lbs. HE-408WX Model 240-303-2 Net 619.95

OTHER OUTSTANDING JOHNSON EQUIPMENT

Stock No.	Mfr. No.	Description	Lbs.	Net
HE-457WX	250-43-32	"6N2" Conv. 14-18 Mc	5	89.95
HE-458	250-28	Crystal Calibrator	1	18.95
HE-443	250-25	Signal Sentry	3	22.00

E.F. Johnson Amateur Accessories



"MATCHBOX" ANTENNA COUPLER

For 80, 40, 20, 15 and 10 meters. Matches balanced lines ranging from 25 to 1500 ohms and unbalanced lines from 3.5 to 30 Mc. Features built-in directional coupler indicator and provides continuous reading of SWR and relative power in transmission line. Speeds up antenna tuning and matching. 52 ohm coaxial input. Receive-transmit relay. Maximum power input, 275 watts. Size: 9¾Wx7Hx10½"D. Shpg. wt., 11 lbs. Model 250-23-3 Match box w/dir. coupler & Indicator. HE-430WX Net 94.95
Model 250-23-1 Similar to above but less directional coupler and Indicator. Net 64.95
HE-431WX

"6N2" VFO

Highly stable, compact VFO for 6 and 2 meters. Replaces 8 to 9 Mc crystals. Uses 6BH6 series tuned oscillator and OA2 voltage regulator tube. Output range: 7.995—9.010 MC. Calibrated dial. Power: 250-300VDC at 10 ma. and 6.3V. Size 4Wx5Hx4½"D. Shpg. wt., 3 lbs. HE-429 240-133-2 "6N2" VFO wired Net 54.95

(A) DIRECTIONAL COUPLER AND INDICATOR

Provides a continuous reading of SWR and relative transmission line power. For use with multimeter or indicator. Indicator consists of 0-100 microammeter for monitoring power. With coaxial fittings. Size: 6¼Lx2¼D. Shpg. wt., 2 lbs. Indicator size: 4Wx4¾Hx4¼"D. Shpg. wt., 4 lbs. HE-459 250-37 Dir. Coupler Net 11.75
HE-409 250-38 Indicator Net 25.00

(B) T-R SWITCH

Provides instantaneous high-efficiency electronic antenna switching. Max. gain: 6 db @ 3.5 Mc. Rated at 4 KW peak power. Instant break-in on SSB, DSB, CW or AM. Coax fittings. Size: 4¼Wx4¾Hx5¾"D. Shpg. wt., 5 lbs. HE-439 250-39 T-R SWITCH Net 29.95

NEW AMATEUR SSB TRANSCEIVERS

R. L. DRAKE MODEL TR-3 SIDE BAND TRANSCEIVER



- Full Frequency Coverage 10-80 Meters
- 300 Watts P.E.P. on SSB
- 2 Special 9 MC Crystal SSB Filters

Deluxe SSB receiver with optimum performance on upper or lower sideband, with AM and CW included. Compact and light weight design make it ideal for mobile or portable operation. Less than 1/2 microvolt for 10 db S/N; Selectivity: 2.1 KC @ 6 db, 7.5 KC @ 60 db. Ranges: 3.5 to 4.1 MC, 7.0 to 7.6 MC, 13.9 to 14.5 MC, 21 to 21.6 MC, 28 to 28.6 MC, 28.5 to 29.1 MC, 29.1 to 29.7 MC—all ham bands from 10 through 80 meters. Has linear permeability tuned VFO which tunes 4.9 to 5.5 MC for all ranges. Drift is less than 100 cps after warm-up. Separate receiver S-meter and transmitter plate ammeter. Main tuning dial tunes VFO and main dial. 300-watts P.E.P. input power. VOX or PTT. Two special 9 MC crystal filters provide sideband selection. 260 watts P.E.P. input on AM and 260 watts input on CW. 20 tubes including voltage regulator; 6 diodes; built-in 100 KC crystal calibrator, mobile mtg. bracket. 10 3/4x5 1/2x14 3/8" D. Wt., 13 1/2 lbs.

HE-262WX Model TR-3	Net 495.00
HE-263 MS-3 Matching Speaker 5 1/2 lbs.	Net 19.95
HE-264WX AC-3 AC Power Supply for TR-3, 19 lbs.	Net 79.95
HE-265WX DC-3 DC Power Supply for TR-3	Net 129.95

National NCX-3 TRI-BAND TRANSCEIVER



Complete SSB, AM and CW Coverage of 80, 40 and 20 Meter Bands

- Full-200 watts PEP

The model NCX-3 brings you the three most popular amateur bands on a single compact unit. Designed for efficient use in autos or ham shack, the NCX-3 features a solid 200 watts of SSB punch, vox or push-to-talk, CW break-in, SSB/CW AGC, S-meter and a separate AM detector. Two conservatively rated transistorized power supply/speakers are available (optionally) for AC or DC operation. SPECIFICATIONS: Frequency Range—3.5, 7.0 14.0Mc amateur bands; Power input—200 watts SSB PEP, 180 watts CW, 100 watts AM; RF Power Output—120 watts SSB PEP, 108 watts CW, 30 watts AM; SSB generation—5200Kc crystal filter; bandwidth 2.5Kc at 6 db. Receiver sensitivity—1μv for 10 db S/N ratio; Receiver selectivity—2.5Kc at 6 db; Tubes—18 tubes, 6 diodes; power requirements; 700 V.D.C. @ 300 ma, 280 V.D.C. @ 100 ma., —80 V.D.C. @ 10 ma., 12.6V @ SA. Size: 13 3/4x6Hx11 1/2" D. Shpg. wt., 20 lbs

HE-230WX Model NCX-3	Net 369.00
HE-231WX 115 VAC power supply/speaker for NCX-3	Net 110.00
HE-232WX 12 VDC power supply for NCX-3	Net 119.95

HALLICRAFTERS SR-150 AMATEUR BAND SSB TRANSCEIVER



- Covers 80 Through 10 Meters
- With Exclusive R.I.T.*
- SSB, VOX, PTT, CW

A rugged, lightweight transceiver designed for years of high performance and flexible fixed or mobile operation. Features, R.I.T.* (receiver incremental tuning). Permits ± 2 KC tuning adjustment of receiver frequency independent of transmitter for round-table net or CW operation. Exclusive AALC (Amplified Automatic Level Control). RF inverse feedback corrects screen "knee" distortions in small beam power pentodes. Dial calibration 5 KC, 100 KC crystal cal. VFO tunes 500 KC. Full frequency coverage on 80, 40, 20 and 15 meters. 10M crystals furnished for 28.5 to 29.0 MC. Crystals can be added for full 10 meter operation. 150W P.E.P. input on SSB; 125W CW. Sensitivity: less than 1μv for 20 db S/N ratio. USB/LSB selection 18 tubes. Lightweight aluminum construction. Size: 15x6 1/2x13". Shpg. wt., 25 lbs.

HB-130WX Model SR-150	No Money Down	Net 650.00
HB-131WX P-150-AC AC power supply for SR-150 wt. 22 lbs.		Net 99.50
HB-134WX P-150-DC, DC Power Supply for SR-150 wt., 5 1/2 lbs.		Net 109.50
HB-135WX MR-150 Mobile mtg. Rack for SR-150		Net 39.95

SWAN MODEL SW-240 THREE BAND SSB TRANSCEIVER



- Covers 20-40-75 Meters
- 240-watts P.E.P. on SSB

The SW-240 will transmit and receive on 20-40 and 75 meter amateur bands. Power input is 240 watts P.E.P. on SSB; 200 watts on CW; 60 watts carrier input on AM. Lower Sideband emission on 75 and 40 meters, upper sideband on 20 meters. Special Swan crystal lattice bandpass filter has 3 KC bandwidth, 6 db down. Precision capacitor and friction drive tuning assembly with 33:1 ratio. Illuminated meter measures cathode current 0-400 ma. Separate audio and RF gain control with AGC. Receiver sensitivity is less than 1μv for 10 db S/N ratio. Carrier suppression down 50 db, unwanted sideband down 40 db. Circuits fully compensated for wide variation in temperature, supply voltage and mechanical shock or vibration. For fixed or mobile operation. 18 tubes. Includes mobile mtg. bracket and hardware. All aluminum. Size: 13Wx5 1/2Hx11"D. Shpg. wt., 13 1/2 lbs.

HB-174WX SW-240 SSB Transceiver	Net 320.00
SW-12 DC, 12-v Transistorized DC Power Supply for SW-240.	
HB-175WX Shpg. wt., 9 lbs.	Net 115.00
SW-117AC, 117V AC Power-Supply with matching cabinet and speaker for SW-240.	Net 110.00
Shpg. wt. 17 lbs.	
HB-176WX	Net 95.00

SELECTED AMATEUR EQUIPMENT

POLYCOMM 6 METER TRANSCEIVER



- "Miniload" VFO
- Nuvistor RF Amp—2μV Sensitivity
- 10 Watts RF Output

Rugged construction, covers entire 6 meter band. Features "Miniload" VFO with adjustable differential capacitor which maintains virtually zero drift. .1 microvolt sensitivity @ 6 db S/N using 1-6DS4 & 1-6CW4 Nuvistor RF amps. Receiver is a dual conversion superheterodyne. Frequency range: 49.750 to 54.250MC. Selectivity: —6 db bandwidth 8KC ± 2KC. Features: 6:1 tuning ratio; AGC; adjustable squelch, series gate noise limiter. 5 watts max. audio output. Hum and noise better than 40 db down. Freq. response 250-3000 cps. AC power consumption: 90 watts rec., 140 watts trans. DC current: 10A rec., 16A trans. @ 12.6V. For 117V 60 cycles AC 12V DC. Complete with mounting bracket, microphone. Size: 11Wx5Hx10"D. Shpg. wt., 23 lbs.

HE-291WX	No Money Down	Net 329.50
POLYCOMM 2 METER TRANSCEIVER—as above but tunes to 143.750 to 148.250 MC		Net 329.50
HE-267WX		Net 329.50

P & H LA-400C LINEAR AMPLIFIER



800 watts PEP SSB input with 60 watts drive. Requires 30 watts for 400 watts input on CW, FM, PM; 15 watts for 200 watts linear AM. Input impedance, 50-70 ohms. PI-Network output matches 50-70 ohms. Distortion Products: 3rd order, —37db; 5th order, —47db. Meter reads grid drive, plate current and RF amps output. Covers all ham bands 80 thru 10 meters. Built-in power supply with 2-816's. Output tubes; 4 modified 1625's in grounded grid circuit. Size 9 1/2x15 1/4x11".

HE-615WX Linear amp., wired. Shpg. wt., 55 lbs.	Net 219.95
HE-616WX Same as above, but in Kit form	Net 179.95



MODEL 6100 SSB TRANSMITTER



- SSB
- CW
- AM
- 80 thru 10 and most MARS

A completely new design — there are no free running oscillators. A military type crystal synthesizer unit generates the operating frequency and the sideband generator uses a crystal lattice filter. Ends drift problems. Operates on SSB, linear AM and CW. Frequency is set on 3 digital dials for "hundreds," "tens," and "units" of kilocycles. "Units" dial is continuously variable. Distortion, 40 db below peak signal; upper and lower sideband suppression 50 db below peak output. Carrier suppression 50 db below peak. Spurious mixture signals over 50 db down. Freq. coverage (MCS) 3.5 — 4.1, 7.0 — 8.0, 14.0 — 15.0, 21.0 — 22.0, 28.0 — 29.0, 29.0 — 30.0 Power output: 70-100 Watts SSB, CW: 20 watts AM. Tunable bandswitched pi-network. Output Z: 30-100 ohms. Parallel 6146 output tubes. Push-to-talk operation. Phone patch terminals. Silicon rectifiers used on all power supplies. For 105-125V 60 cps. AC. Size: 18 3/4Wx9 1/2Hx16"D. Shpg. wt., 65 lbs.

HE-305WX	No Money Down	Net 875.00
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R.L. DRAKE

EICO

AMECO

E.C.I.

P & H

Master Mobile

SUPERB R.L. DRAKE 2B RECEIVER FOR SSB AM & CW



Model 2B



Model 2BQ

- Triple Conversion with 60 AB Image Rejection
- Crystal control stability
- Continuous side-band selection without retuning

Top performance on SSB, AM and CW. The 2B is a highly sensitive, triple conversion receiver with 60 db image rejection. Covers 3.5-4.1 Mc, 6.9-7.5 Mc, 13.9-14.5 Mc, 20.9-21.5 Mc, 28.5-29.1 Mc, with a crystal controlled high frequency oscillator (crystals supplied). Highly stable variable oscillator. Sensitivity: 0.5 microvolt for 10 db S/N ratio, 50 Kc last i.f.—selectivity of 2.4 Kc at 6 db down. Receiver has 7" slide-rule dial with markings every 10 Kc and a vernier with markings every 1 Kc. Additional features: slow or fast AVC action, accurate "S" meter, distortion-free product detector. For 110-120 V., 60 cps. Size: 12Wx7Hx9"D.

NE-180WX Shpg. wt., 15 lbs. Net 279.95
 Model 2BQ Q-multiplier and deluxe speaker. For 2B receivers.
 NE-181 Net 39.95
 NE-182-2AC crystal calibrator for 2B (not illus.) Net 16.95

EICO

AMATEUR EQUIPMENT



720K TRANSMITTER KIT

Brand new 90 watt band switching rig for 80 through 10 meters. Features a 6146 Final amplifier for 90 watts CW input, up to 65 watts phone with external modulation. 6AQ5 clamper tube protects final in case of loss of excitation. Variable pitch Pi-net output matches 50-1000 ohm loads. Oscillator keying permits full break-in operation. Panel meter indicates exact operating currents and helps in tuning up. Its "novice limit" calibration safeguards the novice against exceeding the 75 watt power limit. Tubes: 6CL6 Colpitts oscillator, 6AQ5 buffer-multiplier, 6146 final amplifier, 6AQ5 clamper, and 6Z34 rectifier. Copper plated chassis, ceramic switches, ingenious metal case with complete shielding. 5Hx15Wx9 1/2"D. Shpg. wt., 27 lbs. With all parts and instructions.

NE-310WX Kit Net 89.95
 MODEL 720—Factory wired and tested
 NE-311WX Net 129.95

EICO 730K MODULATOR KIT

Completely new high level class B modulator for phone operation, delivering 50 watts of audio to plate modulate the Eico 720 transmitter or any other transmitter of up to 100 watts. Multi-match output transformer matches 500-10,000 ohm loads, low level clipping and filtering for top modulation, built-in over-modulation indicator. Inputs for crystal or dynamic mike, phone patch, etc. Uses EC883/12AX7, 6AL5, 6AN8, 2-EL34/6CA7, EM84, 6Z34, 117V 60 cycles, 150 watts. 6x14x 8" Shpg. wt., 21 lbs.

NE-312WX Kit Net 99.95
 MODEL 730—Factory wired and tested
 NE-313WX Net 89.95
 NE-314 MODEL E-5 cover for 730 Wt., 5 lbs. Net 4.50



723 CW TRANSMITTER

Compact CW transmitter ideal for the novice or for the advanced ham requiring a low-power, stand-by rig. 60 watts input to a rugged 6DQ6GB neutralized final on CW; external plate modulation terminals permit use as an AM phone transmitter of up to 50 watts input. Oscillator keying for break-in operation. Features a one-knob bandswitch covering 80, 40, 20, 15, and 10 meters, and a one-knob power-tune-operate switch. Output pi-network. Panel meter can be switched into either grid or plate circuit of final. Rear apron load switch inserts extra capacity for low Z loads on 80 and 40 meters. Modulator/accessory socket for modulator input, antenna relay. VFO power take-off, and emergency power input. Effective TVI suppression through filtering and by-passing. Size: 6x8 1/2x9". Shpg. wt. 15 lbs.

NE-323WX Kit Net 59.95
 MODEL 723—Factory wired and tested
 NE-324WX Net 89.95

EICO 710K GRID DIP METER

Transformer-operated, versatile grid-dip meter small enough for singlehand use. Internal oscillator covers 300 KC to 250 MC in 7 overlapping ranges. Phone jack on panel permits listening to external signals; panel switch permits using the grid-dip meter as a tuned diode detector. Features sensitive meter, large calibrated scales, planetary drive tuning. 2 1/4x2 1/4x 6 7/8" Shpg. wt., 4 lbs.

NE-315 Kit Net 29.95
 NE-316 MODEL 710-factory wired and tested Net 49.95

AMECO

MODEL TX-86K 80 THRU 6 METER

TRANSMITTER KIT

- 90 Watts On CW, 90 Watts Peak on Phone
- Final Operates "Straight-thru" on All Bands
- Pi Network Output



A versatile phone and CW transmitter kit for the novice technician, and experienced amateur. The TX-86 covers 80 thru 6 meters with a powerful 90 watts CW and 90 watts peak input on phone. Features include:

Audio Gain Control; Potentiometer drive control; push-to-talk microphone jack; and a pi-network output to match antennas from 35 to 600 ohms. The 6146 Final Amplifier works "straight-thru" on all bands, eliminating troublesome doubling in the final. Switch allows choice of transmitter's crystal controlled oscillator or an external VFO. Comes less power supply. (See below). Size 5Hx7Wx7"D. Shpg. wt., 6 lbs.
 NE-388WX Kit. For 12-volt filament Net 89.95
 MODEL TX-86. Completely wired and tested. For 12-volt filament. Net 119.95

AMECO POWER SUPPLY, MODEL P5-3. An AC power supply—that provides all the power requirements for the TX-86. Provides—12.6 volts at 3 amps; 300 volts at 100 ma; and 600 volts at 150 ma. Silicon rectifiers for excellent voltage regulation. Can be used to power the TX-86 in addition to other accessories. Size 7Hx4Wx 9"D. Shpg. wt., 14 lbs.
 For 12-volt filament.
 NE-390 Factory Wired & Tested Net 44.05

AMECO AC-1T AMATEUR TRANSMITTER KIT

- IDEAL FOR NOVICE
- SELF CONTAINED

The ideal unit for beginner or novice. Contains transformer powered AC power supply. Uses a Pi-network output circuit to load random length wire antenna. No antenna tuner required. Has full 15-watt input on 40 and 80 meters. Easy to build and operate. Complete with punched chassis, all parts, tubes, (6V6 and 6X5) and instructions. Shpg. wt., 8 lbs.

NE-394 Transmitter Kit Net 19.55
 NE-395 CK1 extra coil kit Net 7.73



NEW! E.C.I.

LINEAR AMPLIFIER



- Complete, Self-Contained Unit
- Universally Applicable to CW, AM, FM, SSB, and DSB
- For Use on 6, 10 and 11 Meter Bands. (Illegal on 11 Meter Band In U.S.A.)

Boost your transmitter power to 30 watts on AM, 45 watts on SSB and FM without introducing distortion in modulation or carrier waves. For use on 6, 10 and 11 meter bands (illegal on 11 meter band in U.S.A.) Frequency of transmission can be varied within range of 25 to 50 MC, by simple change of coils. Uses one O-200 ma plate meter and one 0-1 ma grid meter. Controls: Filament "On," Plate Power "On," Grid Drive Adjustment, Final Loading, Plate Tuning. Tubes: 6146, 12AU7, OC2, 2-OB2 Regulators. For 110 VAC, 50-60 cps. 14 1/2"Wx4 3/4"Hx7 3/4"D.
 NE-988WX Shpg. wt., 20 lbs. Net 159.50

Master Mobile "GO" LINEAR AMPLIFIER



- Built Especially for Mobile SSB Operation
- Covers 10, 15, 20, 40 or 80 Meters
- 750 Watts PEP

New grounded-grid linear amplifier offering up to 750 watts PEP input using any SSB exciter rated from 50 to 100 watts (KWM-2, Swan, Hallicrafters, Sonar, etc.). Complete bandswitching provides operation on all Ham bands 80 thru 10 meters. Uses two 811A zero bias triodes. Has wide-range Pi-Network output. Plate MA or RF Output Meter, self-contained 500-watt Transistorized DC Power Supply. Size: 13 1/2"Wx6 1/2"Hx 12 1/2"D. Shpg. wt., 17 lbs.
 NE-913WX Net 289.50

P & H MODEL AR-1 TRANSCEIVER TR SWITCH

Transfers the antenna to the receiver while receiving and provides the necessary switching to connect the exciter to the amplifier, and the amplifier to the antenna when transmitting. May also be used as a conventional antenna relay where quiet operation is desired. SO-239 connectors are provided for 50/70-ohm coax lines. Relay coil requires 6.3 VAC @ 675 MA. Relay contacts rated at 1500 watts RF (Max.). Insertion loss is negligible. Size 3x4x4". Shpg. wt., 3 lbs.



NE-914 Net 32.50

Special Purpose RECEIVERS



hallicrafters

MODEL CRX-1 30-50MC BASE STATION RECEIVER

The CRX-1 is a triple conversion, split channel, narrow band FM receiver for 30-50 Mc. Manual 2-speed vernier tuning or 2 crystal-controlled channels. Incorporates adjustable squelch. Sensitivity: one microvolt to open squelch, two microvolts for quieting. Receiver includes built-in speaker and transformer-operated power supply. For 105-125 V., 50/60 cps. Gray steel cabinet with silver trim. 13½Wx5¾Hx8¾"D. Shpg. wt., 15 lbs.
HE-132WX Net 99.95

- TRIPLE CONVERSION • ADJUSTABLE SQUELCH
- SPLIT CHANNEL, NARROW BAND FM OPERATION
- MANUAL TUNING OR 2 FIXED CHANNELS

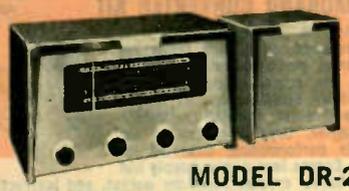
MODEL CRX-2 151-174MC BASE STATION RECEIVER

Similar to CRX-1 but receives 151-174MC split channel NBFM communications. Triple conversion; adjustable squelch. Manual tuning or 2 crystal channels (less crystals). Sensitivity: 1.5 uv to open squelch, 2 uv for quieting. Built-in speaker. 10 tubes, 2 diodes. 13½Wx5¾Hx8¾"D. For 105-125V. 50/60 cps. Shpg. wt., 15 lbs.
HE-133WX Budget terms on page 412 Net 109.95

MODEL CRX-3 VHF AIRCRAFT MONITOR RECEIVER

A dependable high quality VHF receiver which receives 108-135 MC AM communications. Features electronic squelch, high gain frame grid RF stage, 2 microvolt sensitivity, provision for 2 crystal-controlled frequencies, built-in speaker, 7 tubes, 3 diodes. For 105-125V 50/60 cycles AC. Size: 13½Wx8Hx5¾"D. Shpg. wt., 15 lbs.
HE-134WX No Money Down Net 94.94

monitoradio FM FIXED AND MOBILE RECEIVERS



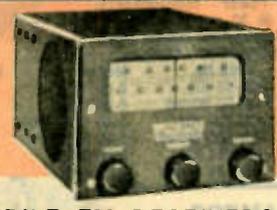
MODEL DR-200 TWO-BAND TUNABLE and FIXED FM RECEIVER

- 14-TUBE, DUAL CONVERSION
- COVERS 30-50MC AND 152-174MC
- TUNABLE AND CRYSTAL CONTROLLED
- BUILT-IN SQUELCH CIRCUIT
- HIGH SENSITIVITY
- ILLUMINATED SLIDE RULE DIAL

Use this quality FM receiver to tune in exciting Police and Fire calls. Taxi and Radio telephone calls, and important Civil Defense calls. You'll hear them all with this sensitive FM receiver. . . . keeps you alert to emergencies at all times. Features include provision for crystal-controlled operation—the receiver can be fixed—tuned to a single frequency on each band using crystals available separately (see below). Specifications: Frequency Range: 30-50MC, 152-174MC. Sensitivity for 20 db quieting: 1 uv on low band, 2 uv on high band. Image Rejection: 65 db (low band), 30 db (high band). Selectivity: ± 20 Kc at —3 db, ± 30 Kc at —80 db. Tubes: 14, uses 5Y3GT Rectifier. Power output: 1.5 watts. Size: 8"x6½"x7¾". For 115 volt AC operation. Shpg. wt., 21 lbs.

HE-284WX Model DR-200 Net 169.50
DRS-1-Matching Speaker for Model DR-200 Net 14.95
HE-285

CRYSTALS FOR DR-200
Special Crystals for DR-200 ground to order. Specify exact frequency. Allow 3 to 4 weeks for delivery.
HE-268Y 30-50 MC band. Specify EXACT Frequency Net 11.95
HE-269Y 152-174 MC band. Specify EXACT Frequency Net 11.95



MOBILE FM RECEIVERS

- M-40; Tunable 30-50 MC
- M-160; Tunable 152-174 MC

High quality mobile receivers for governmental, municipal and industrial uses. These tuneable receivers cover the entire FM communications bands with excellent sensitivity. 10 tube circuit features a fully tuned RF amplifier, dual conversion, and two stages of limiting followed by the discriminator. Power output is 8 watts, built-in 4" speaker. For 12v. DC 3.9 amperes. Housed in attractive cabinet, only 4½"x6½"x8¾". Shpg. wt., 10 lbs.

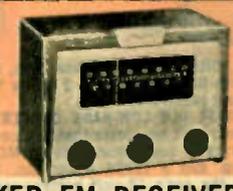
MODEL M-40 Mobile FM receiver for 30-50 MC band. Sensitivity 2µv for 20 db quieting.
HE-278WX Net 103.55

MODEL MC-40 *Same as above but crystal controlled for 30-50 MC band. Shipped from factory with crystal for exact operating frequency installed and adjusted. Specify exact frequency desired. Shpg. wt., 15 lbs.
HE-279WXY Net 122.95

MODEL M-160 Mobile FM tunable receiver for the 152-174 MC bands. Sensitivity 4µv for 20 db quieting. Wt., 12 lbs.
HE-280WX Net 103.55

MODEL MC-160 * Same as above but crystal controlled for 152-174 MC band. Shipped from factory with crystal for exact operating frequency installed and adjusted. Specify exact frequency desired. Shpg. wt., 12 lbs.
HE-281WXY Net 122.95

* Specify Frequency for MC Models
NOTE: Crystal-controlled Receivers must be ordered special and are subject to a 3 to 4 weeks delivery delay.



FIXED FM RECEIVERS

- MR-10 Tunable 152-174 MC
- MR-33 Tunable 30-50 MC

Extra sensitive FM receivers for police and fire departments, Civil Defense, and industry use. Ideal for any type of fixed or portable application. 3-gang tuning condenser. Sensitivity of 4 µv or less for full 20 db quieting. Adjustable squelch eliminates noise between transmissions. Built-in 5" speaker, 8 watt output. Illuminated slide-rule dial for night operation. Two-tone metal cabinet 11½"x7"x6½". For 105-125 volts 60 cycle AC only. U.L. Approved. Shpg. wt., 15 lbs.

MODEL MR-10 tunable FM receiver for 152-174 MC band.
HE-270WX Net 72.50

MODEL MRC-10; crystal-controlled FM receiver for 152-174 MC band. Shipped from factory with crystal for exact operating frequency. Installed and adjusted. Specify exact frequency desired. Wt., 15 lbs.
HE-271WXY Net 79.95

MODEL MR-33 tunable FM receiver for 30-50 MC band. Shipped from factory with crystal for exact operating frequency. Installed and adjusted. Specify exact frequency desired. Shpg. wt., 15 lbs.
HE-274WXY Net 79.95

MODEL M-80LR Window Mount Antenna for 30-50 mc. HE-959W Shpg. wt., 3 lbs. Net 7.35

* Specify Frequency for MC Models
NOTE: Crystal-controlled Receivers must be ordered special and are subject to a 3 to 4 weeks delivery delay.



MONITORADIO MODELS PR-35 AND PR-155 FM RECEIVERS

- FOR POLICE, FIRE, FORESTRY TAXI, CIVIL DEFENSE MARINE AND INDUSTRIAL APPLICATIONS

Highly sensitive FM receivers for police, fire, forestry, taxi, civil defense, marine and industrial applications. Receivers are quality built for long life and dependable service. Features a temperature compensated superheterodyne circuit for drift-free reception. Ratio detector circuit cuts down on noise under "no signal" conditions. 4" P.M. speaker is built-in. provides plenty of clear sound over voice frequencies. Specifications: PR-35 covers 30-50 MC. PR-155 covers 152-174 MC. Sensitivity: 1D microvolts for ±5Kc deviation; Selectivity: 100 KC; Power Output: 1.1 watts maximum; Antenna Impedance: 50-72 ohms. In a handsomely designed plastic cabinet only 9½"x6½"x5½". For 110-120V 50/60 cycles AC or DC. Shpg. wt., 6 lbs. PR-35 FM receiver; 30-50 MC. Net 54.50
HE-282

PR-155 FM Receiver, 152-174. Net 54.50
HE-283

KUPFRIAN POWER SUPPLIES

Transistorized power supplies, to convert low voltage D.C. to high voltage D.C. or A.C. Instant starting, rugged, quiet. No vacuum tubes or moving parts. Excellent voltage regulation and 0.4% max. ripple over a temperature range of —55° to +60°C. Size 3½"x4¼"x2½" high. Attach to equipment by 4 threaded holes. Avg. shpg. wt., 2 lbs.



Stock No.	Net Each	Input Volts	Output		
			Volts	Current	Power
HE-811	49.00	6.3 VDC	300/150 VDC	165/330 MA	50W
HE-813	54.00	12.6 VDC	300/150 VDC	330/400 MA	100W
HE-815	54.00	12.6 VDC	500/250 VDC	200/400 MA	100W
HE-825	59.00	12.6 VDC	600/300 VDC	200/400 MA	120W
HE-827	71.00	12.6 VDC	1000/500 VDC	100/200 MA	100W
HE-821	99.00	12.6 VDC	117 VAC	60 Cycl.	100W
HE-829	96.00	12.6 VDC	117 VAC	60 Cycl.	250W
HE-823	97.00	12.6 VDC	117 VAC	400 Cycl.	100W

INDUSTRIALS: Write for Quantity discounts.

SEE PAGES 402 AND 403 FOR ADDITIONAL LAFAYETTE CITIZENS BAND EQUIPMENT

AMECO

FIXED AND MOBILE CONVERTERS AND PREAMPLIFIERS

MODEL CMA TRANSISTORIZED ALL-BAND CONVERTER



• Mobile or Fixed Station Use
A crystal controlled, transistorized, all band converter that can receive signals between 1.8 and 174 MC. Includes CB, police, fire, business, aviation, marine, etc. Can be operated from a car battery or internal battery. Better than one μ v sensitivity on all bands. Tuned RF stage for maximum image and spurious rejection. Crystal used cover a spread of 1 MC. 3 $\frac{3}{4}$ "x6 $\frac{3}{4}$ "x4" D. Wt., 4 lbs.

HE-868 Less crystal, wired and tested Net 84.95
Crystals for Model CMA—Specify frequency desired—delivery approx. 3 weeks.
• HE-869Y Net 3.95

MOBILE CONVERTERS



CHT

CLB



• For Ham, Citizens Band, Police, Fire, Marine, Aviation, Business Bands, etc. From 2 MC to 17 MC. Works into Broadcast receivers.

MODEL CLB LOW-BAND CONVERTER

A crystal controlled converter that can cover any specified frequency or band from 2 to 54 MC Unit uses a 6EK6 rf amp. and a 12AD6 mixer/osc. $\frac{1}{4}$ μ v sensitivity. Uses the car's 12 volt battery supply. All you have to do is plug the antenna into the converter. Size: 3 $\frac{1}{2}$ "x2 $\frac{1}{2}$ "x3 $\frac{1}{2}$ " D. Shpg. wt., 1 $\frac{1}{2}$ lbs.

HE-853 Model CLB for 6 Meters Net 24.45
HE-854 Model CLB for Citizens Band Net 24.45
• HE-855Y Model CLB for any other frequency from 2 to 54 MC. Specify frequency Net 25.43
MODEL CHT HIGH BAND TRANSISTORIZED CONVERTER
Model CHT will convert any single frequency or band of frequencies between 108 and 175 MC down to the broadcast band. Uses 3 high quality transistors and a diode and has a $\frac{1}{2}$ microvolt sensitivity. Can be operated from the car's battery or from an internal battery. Model CHT can be used for fixed or mobile operation and works into any broadcast band radio including pocket transistor sets. Size: 2 $\frac{1}{2}$ "x2 $\frac{3}{4}$ "x6 $\frac{1}{2}$ " D. Shpg. wt., 2 lbs.

HE-866 Model CHT for 2 meter Ham Band Net 33.26
• HE-867Y Model CHT for any other frequency from 108 to 175 MC. Specify frequency Net 35.23
• On special order and subject to 3 weeks delivery.

NEW AMECO MODEL PCL NUVISTOR CASCADE PREAMPLIFIER



• Covers 6 Through 80 Meters Improves receiver reception. Covers 6 through 80 meter amateur bands. Uses 2 6DS4 Nuvistors in a cascade circuit for greater receiver gain and extremely low noise figure of 1.8 to 3.5 db. Also improves image and spurious rejection. Controls: 4-position range switch (1.8 to 54 MC); Antenna Tuning Control, and 3 position switch for On, Off and Standby. Size: 5Wx3Hx3"D. Shpg. wt., 2 lbs.
HA-194 No Money Down Net 24.95

AMECO NUVISTOR VHF CONVERTER KITS FOR 50 MC, 144 MC, 220 MC BANDS

Extremely sensitive converters employing 3 Nuvistors for minimal noise. Average gain is 50 db with noise figures of 2.5 db—50 Mc, 3.0 db.—144 Mc., 4.0 db.—200 Mc. Spurious rejection more than 70 db. Tubes: first RF 6CW4, second RF 6DS4, mixer 6CW4, oscillator 6J6. Gain control provided. Power requirements: 100-150 V @ 30 ma. and 6.3 VAC @ 1a. Satin finished copper chassis. Size 2x2 $\frac{1}{2}$ x6 $\frac{3}{4}$ ". Shpg. wt., 3 lbs.



Stock No.	Type No.	Meters	Net Each
HE-860	CN-50 Kit	6 (50 Mc)	34.25
HE-861	CN-50 Wired	6 (50 Mc)	48.95
HE-862	CN-220 Kit	1 $\frac{1}{4}$ (220 MC)	34.25
HE-863	CN-200 Wired	1 $\frac{1}{4}$ (220 Mc)	48.95
HE-864	CN-144 Kit	2 (144 Mc)	34.25
HE-865	CN-144 Wired	2 (144 Mc)	48.95

AMECO

MODEL PV NUVISTOR VHF PREAMPLIFIERS



Designed for either 50, 144 or 220 Mc, a Model PV Nuvistor preamplifier can be used ahead of a receiver or converter to improve the gain and noise figure considerably. Unit employs a completely neutralized 6CW4 Nuvistor, for a gain of over 20 db and a noise figure of 2.5 db at 50 Mc, 3.0 db at 144 Mc, and 4.0 db at 220 Mc. Completely wired and tested, requires 100-150 VDC at 8 ma and 6.3 volts at 13 amps, AC or DC. Only 2 $\frac{1}{2}$ "x3 $\frac{1}{2}$ "x7". Shpg. wt., 2 lbs.
HE-403 PV-50, for 50 Mc Net 13.67
HE-404 PV-144, for 144 Mc Net 13.67
HE-405 PV-220, for 220 Mc Net 13.67
HE-406 PV-27, For 27 Mc Net 13.67

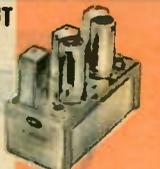
AMECO 6-METER BROADBAND CONVERTER KIT



MODEL CB-6K

Now you can convert any receiver to cover the 6 meter band. Crystal controlled. Utilizes a 6U8A mixer-oscillator, a 6ES8 cascade RF amplifier and specially designed transformers. High sensitivity. Noise figure—better than 4 db. IF rejection—over 100 db. Housed in 2 piece satin finished copper chassis. WILL NOT BECOME OBSOLETE, since the IF output can be easily changed to match any receiver. Size: 4x2 $\frac{1}{2}$ "x5". Comes less power supply. Complete with tubes, crystal for 14-18 MC IF output, and Instructions. Shpg. wt., 1 lb.
HE-385 CB-6K Kit Net 19.55
HE-386 CB-6W above, wired Net 26.95
MODEL CB-6K "SPECIAL"—For I.F. outputs other than 14-18 MC—Please specify I.F. output.
HA-190Y CB-6K Special Kit Net 20.55
MODEL CB-6W "SPECIAL"—as above but wired. Specify I.F. output.
HA-191Y Net 27.95

AMECO CB-2K METER BROADBAND CONVERTER KIT



Similar to CB-6K except for 2 meter band. Utilizes 3 tubes for optimum performance. 6ES8 high gain, low noise, cascade first RF amplifier; 6U8A second RF amplifier and mixer, and 6J6 oscillator/multiplier. Crystal controlled for stable performance. Over 30 db gain. Comes less power supply but with tubes, crystal 14-18 mc output, and Instructions. Size: 4x2 $\frac{1}{2}$ "x5". Shpg. wt., 1 lb.
HE-391 CB-2K Kit Net 23.47
HE-392 CB-2W Wired and Tested Net 33.27
MODEL CB-2K "SPECIAL"—For I.F. outputs other than 14-18 MC—Please specify I.F. output.
HA-192Y CB-2K Special Kit Net 24.47
MODEL CB-2W "SPECIAL"—as above but wired. Specify I.F. output.
HA-193Y Net 34.27

AMECO PS-1 POWER SUPPLY



Housed in an attractive 2-piece Satin copper chassis that matches the CB-6 and CB-2. Supplies 125 volts DC at 50 ma and 6.3 volts AC at 2A. May be used to power CB-6, CB-2, and other accessories around the ham shack. Shpg. wt., 6 lbs.
HE-387 Wired Net 11.27

AMATEUR POWER SUPPLIES AND ACCESSORIES

Master Mobile

TRANSISTORIZED POWER SUPPLIES



- DC-DC Transistorized
- Powers Transceivers In the 100 watt output class

A transistorized power supply designed for dependable starting and long operating life in mobile service. Compact enough to be tucked under the auto seat or mounted on the firewall. Easily installed, bias adjustment control and DC input fuse are located on panel for easy access. Supplies all operating voltages for 100 watt SSB exciters: 800 V @ 275 ma; 300V @ 150 ma, and a zener diode regulated —90 VDC bias supply. Shpg. wt., 7 $\frac{1}{2}$ lbs.
HB-160WX Model MPS-800 Net 119.50
MODEL MPS-1250. Supplies 1250 VDC @ 400 ma for any type linear amplifier; 300 VDC @ 150 ma, and zener diode regulated —90 VDC bias supply.
HB-181WX Shpg. wt. 7 $\frac{1}{2}$ lbs. Net 139.50

TOPAZ UNIVERTER 300XL



- Universal 300 watt Mobile Power Supply with selectable Output Voltage
- Change Transceivers Without Changing Power Supplies

Rugged, efficient power supply. Transforms low voltage D.C. to high voltage D.C. power operation if mobile transceivers. Mounts easily in dash or trunk. Features: 300-watts, selective output voltage (High: 600, 700, 800 VDC); Low, 275 VDC. Foolproof electronic circuit breaker that cannot be harmed by shorting output terminals or reversing polarity; internal power relay. Color-coded cable and battery leads with lugs attached. —50 to —90 VDC potentiometer bias adjust. Input 11 to 15 VDC. Operating temperature range —30° to 130° F. Size: 6 $\frac{1}{2}$ "x5 $\frac{1}{4}$ ". Shpg. wt., 8 lbs.
HA-159X No Money Down Net 119.95

EASY PAY PLAN SEE PAGE 412



AMECO FOLDED DIPOLE ANTENNA KITS

Easy-to-put up folded dipole antennas complete with dipole, 75 ft. of lead-in wire, and connector wire. No soldering necessary, antenna handles to 300 watts of signal. Avg. shpg. wt., 4 lbs.
HE-396 Model FD-10 for 10 meters Net 3.43
HE-397 Model FD-20 for 20 meters Net 3.87
HE-398 Model FD-40 for 40 meters Net 4.85
HE-399 Model FD-80 for 80 meters Net 6.60

SUPEREX AMATEUR PHONES

Comfortable poly-foam ear cushions. 600 ohm impedance. High sensitivity and crisp, clear reproduction for that hard to read station. Shpg. wt., 2 lbs.
ME-70 Net 24.95
No Money Down



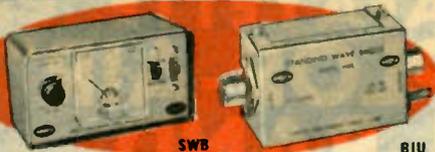
4-gain
HL "On The Air" SIGN



HE-974

Dramatic red on black "On The Air" indicator face mounted in gray high impact plastic case. Mounts atop gear on wall brackets. Internally illuminated. Bulb and 6 ft. cord included. Attaches to antenna change-over relay or transmitter control relay. Size: 4x8 in. oval. Model HL Shpg. wt., 1 lb. Net 8.95

AMATEUR ACCESSORIES From LEADING MANUFACTURERS



AMECO STANDING WAVE BRIDGE AND BRIDGE INDICATOR

Model SWB STANDING WAVE BRIDGE is an inductive type of bridge that is continually left in the line. Reads SWR's from 1.8 Mc. to 225 Mc. and can handle one thousand watts. Has negligible insertion loss. Contains two SO-239 UHF connectors. Size 2 1/4 x 1 3/4 x 4 1/2". Wired and tested. Shpg. wt., 2 lbs.
ME-377 Standing Wave Bridge Net 9.75

Model BIU BRIDGE INDICATOR UNIT contains a 100 microamp 2 1/2" square American-made D'Arsonval Meter that reads in SWR, percentage power and percentage voltage (three scales). Switching provides for reading of any one of two bridges. Satin finished copper panel and charcoal grey cabinet. Size: 2 3/4 x 5 x 3 1/2".
ME-378 Indicator Unit Shpg. wt., 2 lbs. Net 15.63

AMECO HP-45 FILTER
 High-pass TVI filter placed in the amateur and TV antenna line for attenuations of 40 db at 14 Mc and 20 db at 28 Mc. Balanced constant K circuit accepts 300 ohm twin line. Negligible insertion loss. Shpg. wt., 3 oz.
ME-402 Net ea. .93

AMECO CODE PRACTICE OSCILLATOR
 • VARIABLE TONE CONTROL
 • IN KIT OR WIRED FORM
 This Code Practice Oscillator, for 110 volts AC or DC, with built-in 4 inch speaker, produces a pure, steady tone. It can take a large number of headphones or keys. The oscillator is easily converted to an excellent c.w. monitor. With tubes shpg. wt., 3 lbs.
ME-400 MODEL CPS-KT. Kit Net 13.47
ME-401 MODEL CPS-WT. Factory wired Net 14.65



CODOME AUTOMATIC MORSE CODE INSTRUCTION MACHINE FOR THE NOVICE
 The CODOME and its accompanying manual provide all the materials necessary to prepare the beginner for his Novice class amateur license examination. The machine itself sends groups of letters and numbers automatically, in random order. Built-in key permits the student to develop his sending technique in step with his receiving technique. As each group of characters is being practiced, the student is introduced, by means of the accompanying manual, to the basic concepts of electricity and radio, and to the FCC regulations pertinent to amateur communications. For 117 VAC. 2 1/4 x 5 1/4 x 6 3/4".
ME-696 Shpg. wt., 2 1/2 lbs. Net 17.95



B & W 550A ANTENNA COAXIAL SWITCH

- No Loss When Switching Antennas

An inexpensive multi-position coaxial switch that eliminates the annoyance of screwing and unscrewing coaxial connections. The B & W 550A permits you to instantly connect any one of five transmitters, antennas, exciters, receivers, and other r.f. generating devices using 52 or 75 ohm line. The switch handles up to 1 kw of modulated power with a maximum cross-talk of -45db at 30mc.
HP-91 Shpg. wt., 2 lbs. Net 8.25
Model 902-Knob for use with 550A
HP-171 Net .80
3818-Dial plate for use with 550A
HP-172 Net .80



B & W LOW PASS FILTERS

Eliminates TVI problems forever . . . 85 db attenuation throughout TV band . . . 100 db on channel 21 Completely self-contained, usable with transmitters to 1 kw, using coaxial transmission line.
ME-301 Model 425 for 52 ohm coax. Net 17.10
ME-302 Model 426 for 75 ohm coax. Net 17.10

B & W MINDUCTORS

Air wound, polystyrene insulation. Easily cut to size. All are 2" long except miniductors with 1" diameter are 3" long. Shpg. wt., 6 oz.

4 TURNS PER IN.				8 TURNS PER IN.			
DIAM.	STOCK #	TYPE	NET	STOCK #	TYPE	NET	
1/2"	HP-75	3001	.44	HP-76	3002	.44	
3/8"	HP-79	3005	.53	HP-80	3006	.53	
3/4"	HP-83	3009	.62	HP-84	3010	.62	
1"	HP-87	3013	.68	HP-88	3014	.68	
16 TURNS PER IN.				32 TURNS PER IN.			
1/2"	HP-77	3003	.44	HP-78	3004	.44	
3/8"	HP-81	3007	.53	HP-82	3008	.53	
3/4"	HP-85	3011	.62	HP-86	3012	.62	
1"	HP-89	3015	.68	HP-90	3016	.68	



R. L. DRAKE TVI FILTERS

FOR USE AT THE TV RECEIVER
TV-300MP—Cuts off below 52 mcs. for 300 Ω line. **TS-150** Net 3.89
TV-72MP as above, but for 72 Ω line. **TS-311** Net 3.89
TV-300HP (RCA plug-in) for RCA receivers. **TS-312** Net 3.89
FOR USE AT THE TRANSMITTER
TV-100LP Attenuates above 54 mc. Handles 100 watts 6-160 meters, 20-watts on 6 meters. For 52 ohm line. **TS-313** Net 5.83
TV-1000LP as above, but handles 1 KW 6-160 meters, 200 watts on 6 meters. **TS-314** Net 16.61

DOW-KEY RELAYS, ANTENNA SWITCHES, CONNECTORS



MODEL DK60 COAXIAL RELAY (Fig. A)

Low-loss coaxial relay designed for dependable antenna switching. Low contact resistance with contact force at least 50 grams in transmit and 35 grams in receive position. Breakdown voltage in excess of 1000 volts rms. Insulation resistance at least 50,000 megohms. Coil impregnated with epoxy resin. Heavy phosphor bronze contact tongue with pure silver contacts. RF carrying parts are all silver plated. Adjustable connectors and inspecting port aid in contact cleaning. Body finished in blue-gray wrinkle. Size 3 3/4 x 2 3/4 x 1 1/4". Mtg. holes 6-32 clearance or 8-32 tapping. Available for 115 VAC 50-60 cycles or 12 VDC. With receiver protecting connector. Shpg. wt., 1 lb.
ME-783 DK60-G2C with 115 VAC Coil Net 15.65
ME-784 DK-60-G2C with 12VDC Coil Net 15.85

MODEL DKF2 DOUBLE MALE CONNECTOR

A connector permitting coaxial relay to be mounted directly at output of transmitter. Easily secured in place. Silver plated. Shpg. wt., 8 oz. (Not illus.)
ME-782 Net 1.25

MODEL DKCO-RFB PREAMPLIFIER (Fig. B)

A 50-70 ohm impedance matching broadband preamplifier that will substantially improve the signal to noise ratio and gain of receivers with medium or low sensitivity. Circuit employs 6CB6 low noise RF tube. It provides an overall gain of 1 to 6 "S" units (up to 36 db) in most receivers, from 1.5 to 30 megacycles. A slight gain results on frequencies up to 60 megacycles. Use for fixed or mobile installations. Powered by receiver or auxiliary filtered supply. Requires 125-175 VDC at 7 ma. for B-plus and 6.3 VAC at .3 amp for filament of 6CB6 tube. Size: 1 3/4 x 2". Shpg. wt., 12 oz.
ME-780 Net 10.75

MODEL DK6D-P PANEL MOUNTING COAXIAL CONNECTOR (Fig. C)

A panel mounting coaxial connector that can be permanently installed on panel in just a few minutes, without screws. Only a single 3/8" diameter hole is required. Two serrated jam nuts hold connector securely in position. Will not loosen from frequent use. Easy to solder terminal. Shpg. wt., 6 oz.
ME-781 Net .70

MODEL DK-2-60 COAXIAL SWITCH (Fig. D)

A DPDT coaxial switch for switching two coaxial lines simultaneously. Ideal for switching linear amplifier in and out of circuit. Freq. range —0 to 500 MC; power rating to 1 Kilowatt. Comes with type UHF connector. Size: 2 3/4 x 3 3/4 x 1 3/4". Shpg. wt., 12 oz.
ME-788 DK-2-60 for 110V AC Net 19.00
ME-799 DK-2-60 for 12V DC Net 19.00

DK-71 DELUXE ANTENNA COAXIAL SWITCH (Not illus.)

A deluxe single pole, six throw, weatherproof coaxial relay for remote switching of R.F. sources. Designed for mounting on mast. Remote switching up to six antennas. 5 1/2" diam.; 2 3/4" deep. Shpg. wt., 4 lbs.
ME-786 Net 49.50

NEW! LAFAYETTE 24-HOUR WORLD CLOCK With 8" Diameter Face

- Shows Time of 56 Places Throughout the World AT THE SAME TIME!
- No Cord. No Plug. No Batteries
- Gleaming Brass Case
- Sturdy Gimbal Mount

The new Lafayette 24-hour world clock features a precision, accurate movement. The large 8" diameter face has 2 dials—the inner dial, calibrated in hours and minutes, is for local time. The outer dial has a white area for day time and a black area for night time—shows the correct time for 56 different locations throughout the world. The handsome design, with brass case and gimbal mount, makes it ideal for use in most every room in the house and is especially useful for amateur and short-wave listeners. Shpg. wt., 5 lbs.
ML-249 Imported Net 13.95



VALUES IN AMATEUR CLOCKS!

24-HOUR STATION CLOCK

- Tell world-wide time at a glance!
- Ideal clock for amateur, short-wave listener

TD-2400, self-starting, accurate clock for telling world-wide as well as local time. Calibrated in hours, 0100 to 2400; in minutes and seconds, 1 to 60. Shows time directly in all time zones. 10" dia. For 110-120 volt, 60 cycles, A.C. Shpg. wt., 4 lbs.
ML-82—Net including excise tax 14.65



24-HOUR ELECTRIC WORLD CLOCK

- 8" Overall diameter
- Adjustable for Various Time Zones
- South Polar Projection

Self starting, accurate electric clock. Tells world-wide and local time. Calibrates in hours—1 to 24, minutes and seconds—1 to 60. Black dial with white graduations. Chrome plated case. U.L. approved. 110-120 V. 60 cyc. AC. Shpg. wt., 1 1/2 lbs.
ML-210 including excise tax. Net 8.47



DESK OR WALL 24-HOUR CLOCK TIMER

- Built-In 10 Minute Timer Control

A unique 24-hour clock which can be hung on a wall or placed on a desk. Has a built-in 10 minute timer control on front panel. South Polar Projection map of world indicates time around the world at a glance. Name plate can be personalized with operator call number. U.L. approved self-starting electric clock movement. Size 6 3/4 x 3 3/4 x 1 1/4".
ML-316 Shpg. wt., 10 lbs. Net 11.45

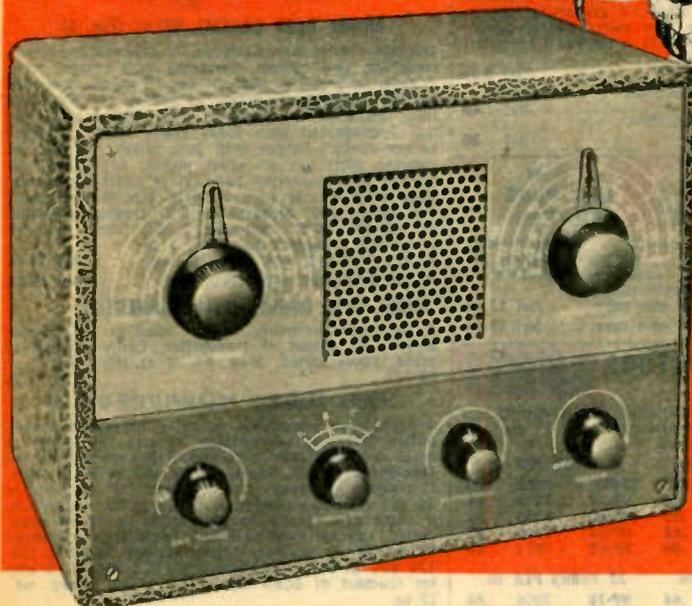


BUILD YOUR OWN



LAFAYETTE "EXPLOR-AIR" 4-BAND RECEIVER KIT

TUNE IN THE WORLD!



- 4 Bands for Total Coverage
- 550-1600 KC Broadcast Band
- 1.7-5.0 MC • 5.0-14 MC
- 14MC-30MC • Shortwave Bands
- Amateur 10-15-20-40-80-160 Meter Bands
- Plus International Broadcast, Citizens Band, Maritime, Aeronautical and WWV Time Signals
- Complete Band Switching From Front Panel
- Bandsread Tuning • Built-in 4" Loudspeaker

Only **22⁹⁵** NO MONEY DOWN

EASY PAY PLAN SEE PAGE 412

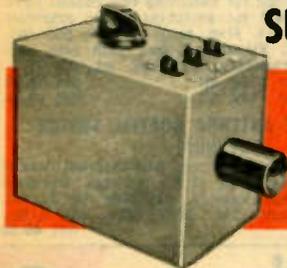
Lafayette's sensational shortwave receiver kit is a complete shortwave and standard broadcast set which covers the entire region from 550 kilocycles to 30 megacycles. Four whole bands of fascinating programming. Perfect for language students and radio amateurs.

Only a regenerative circuit can offer such amazing performance and yet be so simple to build. Building this fine kit is an absolute pleasure—it's so well designed you can't go wrong. Kit includes all the parts you need, and the detailed step-by-step instruction book with its giant pictorial drawings shows you just how to put them together.

One front panel knob does all the bandswitching at the flick of the wrist, immediately taking you from band to band. All coils are prewound for greater accuracy. This kit is so easy to build anyone can do it. The chassis is com-

pletely isolated from the circuit, so there is no shock hazard. This precision radio kit is just full of extra features. Complete 4 band coverage of broadcast stations, international broadcast bands, amateur, maritime, and WWV time signals. Big 4" speaker and sensitive circuit with 50C5 output stage and 12AT7 regenerative detector and amplifier stages give you all the volume you want. Phone jack for privacy automatically disconnects speaker. All controls are on the front panel: On-Off Volume, Main Tuning, Band Spread, Band-switch, Antenna Tuning, and Regeneration. 110 volt 50-60 cycle AC-DC power supply lets you use this fine set anywhere. Size: 10x7x5". Everything needed for unexcelled reception is combined in a compact, economical package. **KT-135 EXPLOR-AIR RECEIVER KIT (Less Cabinet) wt., 5 lbs. Net 22.95**
ML-150 Leatherette covered Wooden Cabinet for above, 1 lb. Net 2.85

SUPER-SENSITIVE PHOTOCELL ELECTRONIC RELAY KIT



Made
in
U.S.A.

- WITH CLAIREX CADMIUM SULPHIDE PHOTOCELL
- ADJUSTABLE SUPER SENSITIVITY—WORKS WITH JUST A FLASHLIGHT AT 250 FEET!
- NEEDS NO SPECIAL HIGH-INTENSITY LIGHTS
- INSTANTANEOUS OR SUSTAINED OPERATION ON THE FLIP OF A SWITCH!

12⁹⁵

CAN BE USED AS
BURGLAR ALARM



A real achievement in a super-sensitive photocell relay kit. Ideal for sustained operation required for burglar alarms, door buzzers, for turning on porch and home lights at night to discourage prowlers when away in the evening. Excellent for instantaneous on-off operation required for counters, packaging, door opening, motor activation and countless industrial applications. A flip of the switch converts unit from instantaneous "on-off" to sustained "on" operation. A simple push on the "RESET" switch opens the external circuit and turns off the alarm. The unit operates on 110 volts AC and incorporates the efficient 5823 cold cathode tube, permitting longer life since there are no filaments to burn out. The controlled circuit is plugged into a convenient 110V AC output socket. A simple change in wiring (in instructions), as well as convenient input terminals, enable you to supply the external circuit with any desired voltage. Relay contacts rated at 3 amps permitting up to 300 watts external load on 110 Volts AC. Complete with all parts, photocell, tube, chassis, silk-screened metal cabinet and easy-to-follow illustrated instructions. Size: 3x4x5". Shpg. wt., 3 lbs. **KT-133A Kit, Complete Net 12.95**

ACCESSORIES FOR ABOVE

- EL-85 Electric Bell, 110V AC. Shpg. wt., 2 oz. Net 1.49
- EL-86 Electric Buzzer, 110V AC. Shpg. wt., 10 oz. Net 1.29
- F-553 6-Digit Electric Counter. Shpg. wt., 1½ lbs. Net 9.95

LIGHT SOURCE

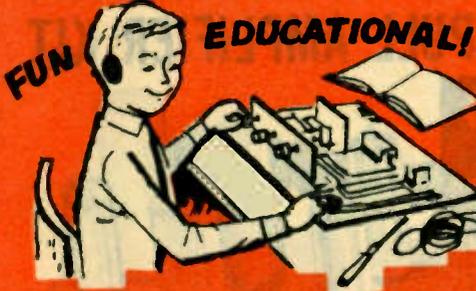
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- SEALED BEAM UNIT
- INCLUDES RED FILTER

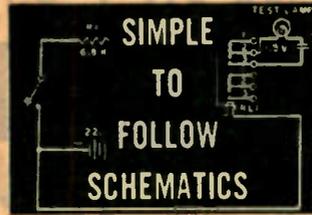


wired and assembled light source with AC line cord and plug. Will actuate the relay at 70 ft. (without red filter.) May be used with or without removable red filter which makes light beam invisible by day and very difficult to detect at night. Metal case, Size: 5¼x3x4". For 110V 60 cycle AC. Shpg wt., 4 lbs. **PC-48 Net 7.50**

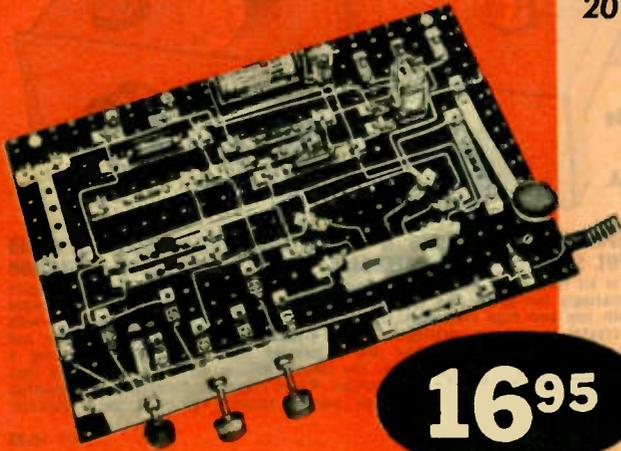
LAFAYETTE *Easy-to-Build* EDUCATIONAL KITS



New! 20-IN-1 TRANSISTOR Experimenters Kit



FUN TO BUILD — EDUCATIONAL — and ALL 20 projects result in a useful working instrument!



16⁹⁵



PROJECTS YOU BUILD

1. TRANSISTOR TESTER
2. VOICE ACTUATED ALARM
3. PHOTO TIMER
4. AUDIO AMPLIFIER
5. CRYSTAL SET
6. SOLAR SWITCH
7. RAIN ALARM
8. TIMER
9. ONE TRANSISTOR RECEIVER
10. CODE PRACTICE OSCILLATOR
11. METRONOME
12. TWO TRANSISTOR RECEIVER
13. ELECTRONIC GAME
14. HOME BROADCASTER
15. PHOTO ELECTRIC RELAY
16. BURGLAR ALARM
17. WIRELESS TRANSMITTER
18. REGENERATIVE RECEIVER
19. CITIZENS BAND MONITOR
20. AUDIO OSCILLATOR

This new Educational Kit opens the field of transistor-electronics, with all its fascinating circuits and gadgets, in a simple, easy-to-follow manner. Excellent for beginners as well as advanced experimenters, this kit enables you to build and learn about 20 interesting and useful transistor circuits. By utilizing "Breadboard" construction, each project can be simply wired and traced. After building the basic circuit, any of the 20 projects can be built by simply inserting a few preassembled component blocks and interconnecting leads between them. A soldering iron is only required for the basic wiring and not for subsequent projects. All wiring is covered in a step-by-step manner by the instruction manual. Each of the 20 projects is clearly presented with step-by-step instructions, large easy-to-read pictorial wiring diagrams, schematic diagrams, and an explanation of the circuit behavior. There are no AC voltages to produce

shock hazard. Amaze your friends with a Voice-Actuated Alarm, Rain Alarm, Home Broadcaster, and other projects. Build useful projects for the home — Metronome, Burglar Alarm, and Timer. Learning Morse Code with the Code Practice Oscillator and receiving Short-Wave Citizens Band Stations are only a few more of the many interesting and useful things you will build while exploring this new world of transistor-electronics. The kit is complete with perforated mounting board, 2-transistors, 1-diode, earphone, light sensitive plate, and all other parts required for construction. The detailed 28 page instruction manual contains a wealth of information about each project. Less batteries and tools. Shpg. wt., 6 lbs.

KT-173 Complete	Net 16.95
BA-155 Z Cell Battery for Kit projects	Net 13
BA-270 22½ Volt Battery for Kit projects	Net 1.61

LAFAYETTE 10-in-1 LAB KIT

10 IN ONE

• PRACTICAL • EDUCATIONAL

MADE IN U.S.A.



With this Kit YOU can build

1. RADIO RECEIVER
2. PHONO-MICROPHONE AMPLIFIER
3. PHONO OSCILLATOR
4. BROADCAST STATION
5. CODE PRACTICE OSCILLATOR
6. SIGNAL TRACER
7. CAPACITY OPERATED RELAY
8. ELECTRONIC TIMER
9. ELECTRONIC SWITCH
10. PHOTOCELL RELAY



15⁵⁰

Here is a new laboratory tested experimenters kit designed to provide maximum instruction and entertainment and which is ideal for both the beginner and advanced experimenter. Features practical and interesting circuits which enable you to do many novel and interesting things while learning how these circuits function. You can broadcast your voice or play a phonograph through your radio from anywhere in the house, send code through a headphone or radio, or use light or body capacitance to activate electrical circuits. Safe, low voltage is utilized. Kit is complete with perforated mounting board, 3 vacuum tubes, microphone and all parts necessary for construction. A detailed 12 page instruction manual contains simple-to-follow pictorial and schematic diagrams for each project. Less headphone, photoelectric cell and socket, wire and solder. Shpg. wt., 5 lbs. Net 15.50

PHOTOELECTRIC CELL TUBE TYPE 868. Shpg. wt., 8 oz.	3.75
CM-70 AMPHENOL 77MIP4 SOCKET FOR ABOVE Shpg. wt., 1 oz.	1.13
ME-33 CANNON AM-15-1 1000 OHM SINGLE HEADPHONE Shpg. wt., 1 lb.	1.18

LAFAYETTE STEREO & MONAURAL PHONO AMPLIFIER KITS

LAFAYETTE STEREO PHONO AMPLIFIER KIT



19⁹⁵

Made in U.S.A.

KT-126

- 4 WATTS STEREO OUTPUT
- ISOLATION TRANSFORMER
- SEPARATE VOLUME CONTROLS
- GANGED TONE CONTROLS
- STEREO-MONAURAL SWITCH
- .04 VOLT SENSITIVITY

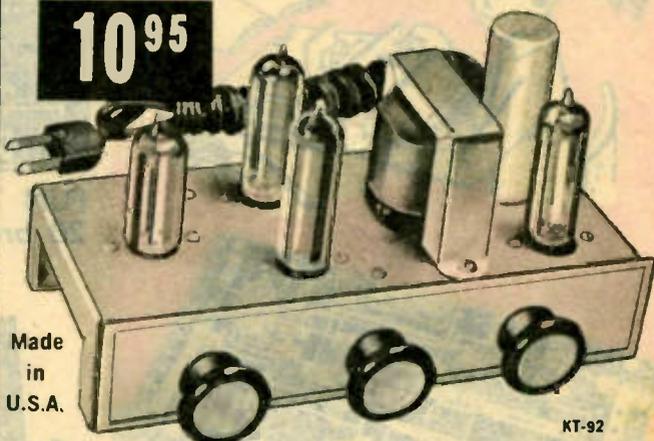
This is a complete 4-watt hi-fi stereo amplifier having 2 watts output per channel. Features separate volume control for each channel; ganged tone controls; Stereo-monaural switch to feed one channel to both speakers and to reverse the channels. Just right for any use where a small stereo amplifier is required—ideal for custom mounting in even the tightest locations; specially designed for small apartment sized stereo systems.

An isolation transformer makes this circuit extra safe. Other circuit features for better performance include application of negative feedback to driver and output stages for wide-range response and extra low distortion. Dual-triode 12AX7 tubes function as voltage amplifier and driver, providing very high gain: 40 millivolts drives this unit to full output. This tremendous gain, plus an extremely high input impedance, make this amplifier perform exceptionally well with all types of ceramic and crystal pickups, as well as tuners, tape recorders, etc. Selenium rectifier power supply has extremely good regulation. Logical layout, high quality parts, plus complete instructions for assembly, make this kit a pleasure to build and use. For 3-4 or 8 ohm speakers. Tubes: 2-50C5, 2-12AX7 plus selenium rectifier. Size: 9½x5x4½". Complete with all parts. For 110-120 volts, 60 cycle AC. Shpg. wt., 7 lbs.

KT-126 Kit, Complete

Net 19.95

LAFAYETTE KT-92 5-WATT PUSH-PULL AMPLIFIER KIT



10⁹⁵

Made in U.S.A.

KT-92

- SEPARATE VOLUME, BASS & TREBLE CONTROLS
 - PUSH-PULL AUDIO OUTPUT STAGE
 - INVERSE FEEDBACK CIRCUIT
 - AC OR DC OPERATION
- Here in kit form is an AC-DC hi-fi amplifier that presents unusual features despite its amazingly low price. The separate bass and treble controls permit adjustment of both low and high frequency response and balance. Works equally well with both crystal or ceramic cartridges. Has a 4-tube line up—a 12AX7 amplifier and phase inverter, a 35W4 rectifier and a pair of 35C5's in push-pull, having a power-packed low distortion output. The circuit utilizes an inverse feedback loop to reduce the level of hum and distortion. Kit is complete containing all essential parts, tubes and detailed instruction manual showing pictorial and schematic diagrams. Shpg. wt., 4 lbs.

KT-92

Net 10.95

ASSEMBLE YOUR OWN PHONO SYSTEMS

COMPLETE STEREO PHONO SYSTEM KIT

- Save By Building This Excellent Stereo Amplifier
- Plays Both Stereo and Monaural Records
- Lafayette/Webcor 4-Pole Changer



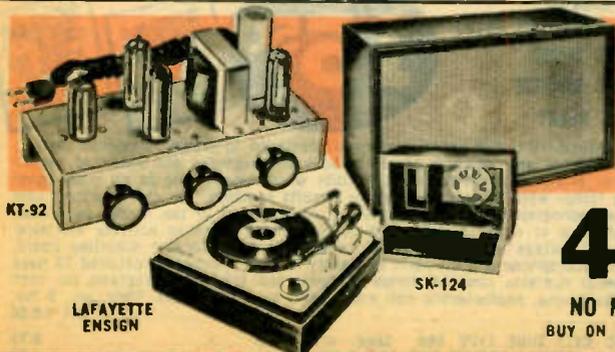
59⁵⁰

EASY PAY PLAN SEE PAGE 412

Enjoy fine stereo or monaural performance with this easy to assemble package. The complete system consists of the Lafayette KT-126 Stereo Phono amplifier kit (as described above); the Lafayette-Webcor automatic 4 speed 4-pole record changer complete with stereo-monaural cartridge with diamond stylus (see page 78); 2 Lafayette SK-109 Miniature speaker systems in mahogany veneer enclosures. Each cabinet is supplied with 25 ft. of hookup cable and measures only 9½x7¾x3½"D. Shpg. wt., 30 lbs. Base for changer not included.

PK-791WXM Shpg. wt., 28 lbs. Net 59.50
PK-794W Mahogany Base for Changer Net 3.95

COMPLETE MONAURAL PHONO SYSTEM KIT



49⁵⁰

NO MONEY DOWN
BUY ON TIME SEE PAGE 412

For those who prefer a monaural system, this package consists of the Lafayette KT-92 push-pull amplifier kit described above, the Lafayette-Ensign 4 speed automatic record changer complete with stereo-monaural cartridge (see page 78) and the Lafayette SK-124WX 2 way speaker system (see page 56). When ordering specify mahogany or walnut finish, less base.

PK-791WXM Shpg. wt., 28 lbs. Net 49.50
PK-806W Walnut Base for changer Net 3.95
PK-807W Mahogany Base for changer Net 3.95

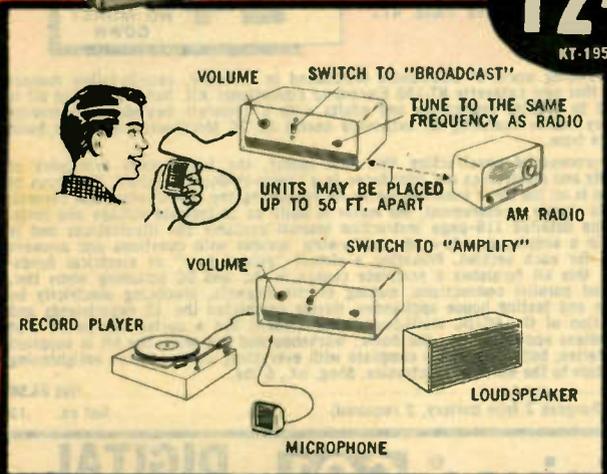


NEW! LAFAYETTE KT-195 WIRELESS BROADCAST/AMPLIFIER KIT

Use it either as a
Wireless Broadcaster
or *AM Audio Amplifier!*

- CLEAN, MODERN STYLING
- POWERFUL SIGNAL
- WORKS WITH ALL CRYSTAL AND MAGNETIC MIKES AND PHONO CARTRIDGES
- PLAYS THROUGH ALL AM RADIOS

1225
KT-195



Treat yourself and your family to hours of fun with this new Lafayette Kit. Make your own radio programs, announcements, etc. through AM radios anywhere in the house, without wires or extra gadgets. Designed for easy construction by youngsters or adults, the KT-195 combines in one compact unit a powerful 3-tube wireless broadcaster and an audio amplifier. Clearly written instruction manual makes it a cinch to build. Operates on any frequency between 900 and 1600 kilocycles on your radio dial. It will accept any crystal or magnetic microphone. No external preamp is required. Simple slide switch permits either form of operation. Just connect it to a PM speaker (4-16 ohms). Conforms to FCC regulations and is designed to provide high quality voice or record broadcasts. Within this range, however, the unit can provide high quality voice or record broadcasts. No license or permit is necessary. Complete with crystal clear instruction manual. Less Mike. For 105-125V AC or DC Attractively styled metal cabinet suitable for any decor.

Size 4H x 8W x 4 3/4"D. Shpg. wt., 3 lbs.	Net 12.25
KT-195	Net 12.25
Same as above, but factory wired & tested.	
LA-23	Net 14.95
Crystal microphone for above. Desk or hand held. 8 ft. cable. Shpg. wt., 1 lb.	
PA-73	Net 2.95

LAFAYETTE 2-STATION INTERCOM SYSTEM KIT

LOW OPERATING COST
HIGH SENSITIVITY

15⁷⁵
KT-196
COMPLETE 2-STATION
KIT AND CABLE

Modern Styling

- MODERN CIRCUITRY — UP-TO-DATE TUBES
- MODERN STYLING
- 2 COMPLETE STAGES OF AMPLIFICATION
- COMPLETE—ONE MASTER AND ONE REMOTE STATION PLUS 50-FT. OF CABLE



- PERFECT AS BABY SITTER OR SICKROOM WATCHER
- 3-POSITION SWITCH FOR MOMENTARY TALK, LISTEN OR LOCK-IN TALK
- SIMPLIFIED INSTRUCTIONS—EASY TO BUILD

The perfect 2-station intercom kit beautifully styled and engineered by Lafayette's Kit Divisions, it will grace any room in the home, office, shop, school, etc. Consisting of a Master Station and a Remote station, most useful to communicate with the basement, garage, playroom or nursery. The master unit features a highly sensitive 3-tube circuit with 2 complete stages of audio amplification for maximum talk-power and sensitive reception. Makes a marvelous "baby-sitter." Remote unit may be left in permanent "Talk" position. Master Station has a 3-way lever switch which provides Momentary Talk, Listen, and a lock-in talk position to free hands for other duties or for extended conversation. Master station front panel also includes a combined on/off switch, volume control. Only the master unit need be plugged into outlet—remote may be placed anywhere. The system may use up to 3 remotes.

Famous Lafayette instruction manual simplifies assembly. Size of each unit: 4Hx8Wx4 3/4"D. Attractive metal enclosures. Tubes: 36AM3A, 60FX5, 18FY6. Complete with all parts necessary and 50 feet of 3-wire cable. For 105-125V 50-60 cycles AC or DC. Shpg. wt., 7 lbs.

KT-196 2-Station Intercom Kit	Net 15.75
LA-196 Factory Wired	Net 19.95
Extra Remote Station Kit—For use with above. Less cable. Shpg. wt., 2 1/2 lbs.	Net 3.75
KT-197	Net 4.25
LA-197 Factory Wired Remote	Net 1.25
WR-14 100 ft. coil 3 conductor cable	Net .02
WRC-113 shorter lengths, per ft.	

Complete With 116-Page Instruction Manual — Virtually A Textbook & Laboratory Manual

ELECTRONIC EDUCATIONAL KIT

An informative, fun filled "guided-tour"

introduction to the world of electronics

Learn Both AC & DC
With This Easy-To-Build
Test Instrument

DETAILED COVERAGE OF:

- ELECTRICITY
- CIRCUITS
- OHM'S LAW
- SERIES AND PARALLEL BATTERIES AND CIRCUITS
- MAGNETISM
- ELECTROMAGNETISM
- MOTOR EFFECT
- METER MOVEMENT
- AMMETER
- VOLTMETER
- OHMMETER
- POWER AND ENERGY
- INDUCTION
- ALTERNATING CURRENT
- A.C. VOLTMETER
- TRANSFORMER
- CONTINUITY TESTING
- POWER AND ENERGY

- 194 Illustrations
- Includes Questions & Answers For Each Section
- Clearly Worded Step-by-Step Instructions
- Covers Both AC & DC In Their Entirety
- Teaches As You Build
- 12 Complete Experiments Result In A Finished AC & DC Test Instrument
- Enables Repair of Household Appliances



Made in U.S.A.
FOR BUDGET TERMS
SEE PAGE 412

24⁵⁰
NO MONEY DOWN

The fascinating world of electronics introduced in a simple, easy-to-follow manner through this new Lafayette KT-180 Electronic Educational Kit. Not a toy—this kit is designed to provide youngsters and adults with a complete beginners electronics laboratory course featuring an extremely useful AC/DC Multi-tester meter to build and learn from.

In the process of constructing this test meter, the fundamental principles of electricity and electronics are introduced in a "learn-by-doing" method. The focus of attention is on the basic sensitive meter for measuring the flow of electrical current. From this simple measurement, the meter is built up to indicate voltage and resistance. The detailed 116-page instruction manual contains 194 illustrations and is written in a simple, easy-to-read step-by-step manner with questions and answers supplied for each section. Providing a virtual "guided tour" of electrical fundamentals, this kit furnishes a complete course in AC and DC including ohms law, series and parallel connections, making electro-magnets, producing electricity by induction and testing house appliances. Having completed the 12 experiments and construction of the AC/DC multi-tester, the student has a useful instrument that has countless applications in the home, workshop and business. The kit is supplied less batteries, but is otherwise complete with everything needed for an enlightening introduction to the world of electronics. Shpg. wt., 5 lbs.

KT-180 Net 24.50
BA-155 (Burgess Z type battery, 2 required) Net ea. .13

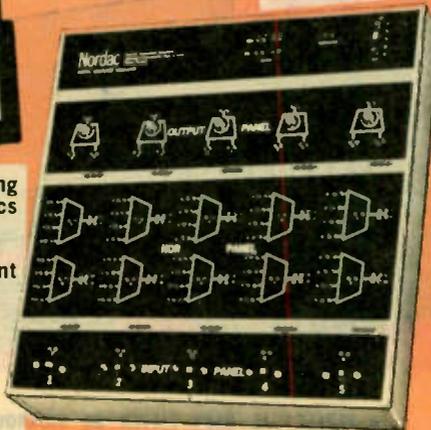
NORDAC TRANSISTORIZED ELECTRONIC DIGITAL COMPUTER KIT

NEW!

64⁹⁵

No Money Down

- Discover the Exciting World of Electronics and Digital Computers
- Learn Use of Giant "Electronic-Brains"
- Professionally Engineered Educational Device
- No Special Skill Required for Assembly and Use

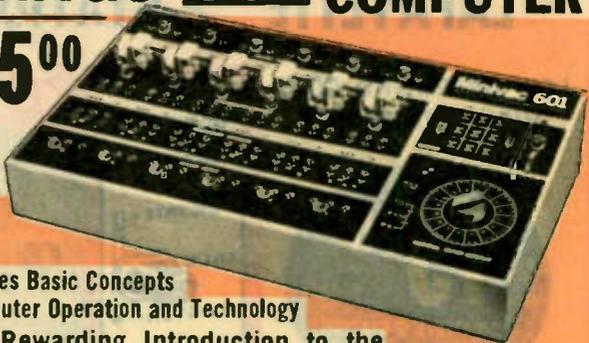


How are "electronic brains" used to launch rockets, make decisions, solve business and scientific problems? You can find out for yourself, as well as discover the exciting world of electronics and digital computers with the Nordac transistorized electronic digital computer kit. After it's assembled, you have a professionally engineered educational device using highly reliable components, advanced circuitry and patented design innovations. Uses transistorized NOR circuitry found in many advanced commercial computers. No previous knowledge of electronic or advanced mathematics required for its use. Easy to assemble—complete with explanatory manual, pre-punched chassis, solid-state components, miniature solder pot terminals. Kit includes 200 programming terminals, 92 resistors, 15 transistorized NOR logic elements, 5 input switches, 5 indicator lights, 50 cords. Size assembled: 15x15x3". Shpg. wt., 6 lbs. HE-989WX Net 64.95

Minivac[®] 601 DIGITAL COMPUTER

135⁰⁰

NO MONEY DOWN



- Teaches Basic Concepts of Computer Operation and Technology
- Your Rewarding Introduction to the Exciting Computer Field — Performs Functions of Full Size Computer — Solves Scientific & Business Problems

The 601 demonstrates how computers operate, what they can and cannot do by simulating computer applications in business, science and military. It can learn, remember, calculate, and make decisions. Indispensable to teachers, businessmen who need to keep up with modern technology, a first hand opportunity to explore space age techniques and experimentation. A set of six comprehensive manuals are provided with each Minivac 601. These provide step-by-step experiments demonstrating how computers do arithmetic, use logic, provide automatic control, and language translation . . . It even plays games as an opponent, partner or referee. The Minivac is ready to use the moment you unpack it. Operates on a low 12-volt system—it is as safe to use as an electric train. Minivac consists of a 24" console with 12 indicator lights, 1 circuit breaker; 6 DPDT memory storage relays; 6 secondary memory storage switches; 6 data input push buttons; 16-position switch (motor driven); game matrix; 194 dual terminals and 100 program wires. The console measures 24x 13x5½"H. Shpg. wt., 17 lbs. Power input 110 V AC. HE-647W Net 135.00

MINIVAC 6010. A deluxe version of the 601 which is capable of handling a larger variety of more advanced computer programs. Ideal for industrial use. A seventh capacitor/resistor manual will accompany the 6010. Now with the additional features of individual protective dust covers for relays, improved slide switches and pushbuttons for tighter specs and greater reliability. HE-644WX Net 235.00

EXPERIMENTERS AND HOBBYIST RADIO KITS

4 EXCITING NEW **KORDEX**™ TRANSISTOR TAPE RECORDER



ONLY 17⁹⁵

ASSEMBLES EASILY IN LESS THAN AN HOUR	DUAL TRACK . . . Plays Twice as long as Full Track
--	--

- Extra Small • Fully portable—Battery Powered • A Mere 2½ lbs. in Weight
 - Pre-wired • 4 Transistor Printed Circuit Amplifier • Accepts Standard 3" Tape Reel • Instant-Action Play/Rewind Lever Control • Record, Rewind, Playback, Erase
- IN SEMI ASSEMBLED KIT FORM**

INCLUDES: Cystal Lapel Mic., 3" Reel of Tape, Empty Reel, Batteries, Screwdriver.

Here is a precision, full function miniature tape recorder in money saving semi-assembled kit form. In less than one hour the KorDEX Tape Recorder can be assembled and ready for operation. The amplifier is prewired in a rugged printed circuit, thereby eliminating most of the work. Complete it weighs only 2¾ lbs. and slips easily into a briefcase or handbag. Designed for ease of operation, all controls are readily accessible. Fast, instant, Rewind-Off-Play functions are provided by a handy lever control. In addition the front panel also includes a Record-Play Slide Switch, Volume Control, plus Earphone and Microphone jacks. The powerful 4 transistor precision wired amplifier drives a specially designed built-in 2" PM speaker. With its

attractive carrying case the KorDEX recorder is equally suitable for home, office or travel—power is supplied by one standard "C" flashlight cell and one inexpensive 9 volt transistor battery. Complete with crystal lapel microphone, batteries, 3 inch, 100 ft. reel of tape, empty reel, earphone and instructions. Measures 8Wx6½Dx3"H. Imported

KT-212 Shpg. wt., 6 lbs.	Net 17.95
RT-20 3" Reel 300 ft. ½ mil Mylar tape. Shpg. wt., 4 oz.	Net .69
BA-2 9 volt transistor battery for above. Shpg. wt., 2 oz.	Net .21
BA-156 1.5V Battery for above (1 req.). Shpg. wt., 2 oz.	Net .13

GENIAC® BRAIN KITS

GENIAC PORTABLE MEMORY CARD FILE

How to file a card in 25 places simultaneously

1796

For the busy scientist, engineer, teacher, business man or student who must keep basic information on file. NOW the Geniac Portable Memory Unit, (PMU), a low cost information retrieval system can conservatively sort 400 cards per minute—using no electrical parts or gadgets. Sorting is by rods. Information is coded into the cards by matching pre-punched holes around the edge of the card. No previous knowledge is necessary. Once coded the card is filed at random and will automatically appear during sorts for the various categories. Serves as a useful adjunct to company integrated information systems. The basic PMU contains a matching hand punch, sorting rods and 300 cards.

F-832 Shpg. wt., 6 lbs.	Net 17.96
F-833 Additional Cards, pkg. of 100	Net 3.92



Over 800 Parts For Schools Science Fairs Advanced Experimenters.

COMPUTES, REASONS, PLAYS GAMES
COMPOSES MUSIC, FORECASTS WEATHER
DESIGN YOUR OWN COMPUTERS
OVER 400 PARTS AND COMPONENTS

DOUBLE GENIAC

The newest kit in famous Geniac® series! The "Double" Geniac contains over 800 parts. Two of everything in the Standard model. Offers the advanced experimenter a far wider range of activities. Perfect for school demonstration. Multiple setup is ideal for Science Fair projects—submit one or more designs. Build "electric trains" that test intelligence—code and decode—add, subtract, multiply and divide—solve puzzles—play games—fore-

cast weather—reason in syllogisms—information and logic circuits. No soldering required. Easily assembled and operated. 64 page guide and reference book, beginners manual, wiring diagrams and many extra pamphlets outlining projects and methods. Complete with mounting rack and batteries. Shpg. wt., 12 lbs.

KT-176 Net 15.95

STANDARD GENIAC

You build up to 125 exciting "electric brain" machines. Has special circuits for forecasting weather. No soldering required. Comes complete with extra pamphlets including 64-page "Simple Electronic Brains and How To Make Them", "Symbolic Analysis of Relay and Switch-

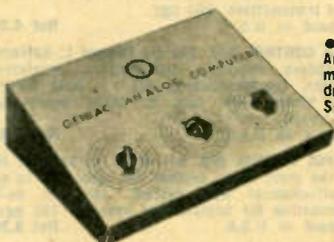
ing Circuits", "Beginner's Manual, Machine to Compose Music, Wiring Diagrams, etc. Complete with battery. 16½x11¾". Shpg. wt., 6 lbs.

KT-175 Net 9.95

NEW! ANALOG COMPUTER KIT

- Ideal Introduction to Basic Elements of Analog Computers • Work Over 50 Experiments • Easy-to-Assemble with Screwdriver and Pliers • Learn the Way to Sound Scientific Knowledge

9⁹⁵

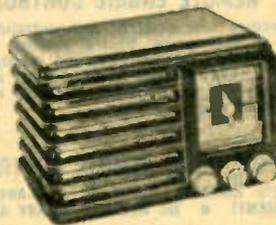


The latest Analog Computer Kit offering a basic introduction to computer theory—gives accurate answers to practical problems. Perform over 50 experiments—multiplication, division, powers, square roots, rocketry, interest, radioactive decay, light, kinetic energy, etc. Level of accuracy better than 5%. The computer consists of a masonite, solid instrument panel, kits, potentiometers, meter, specially calibrated scales, guide and operating booklet. Easy-to-assemble. Shpg. wt., 6 lbs.

KT-178 Net 9.95

SHORTWAVE AND BROADCAST SUPERHET RADIO KIT

17⁹⁵



2 bands cover both standard broadcast 540-1700 KC and shortwave 5.8-18 MC which includes international broadcast, 40 and 20 meter ham bands and some of the aeronautical and marine bands. Superheterodyne circuit has high gain IP's, built-in broadcast band loop antenna. Comes complete with walnut cabinet, 4" PM speaker, tubes (12SA7, 12SK7, 12SQ7, 5026 plus 3525 rectifier) and all parts. Easy to follow step-by-step instructions. Shortwave band requires external antenna (not supplied). Size 9¾Wx6Hx5½"D. For 110V AC or DC. Shpg. wt. 6 lbs.

KT-257 Net 17.95

THE LAFAYETTE SUPER-TROL LINE

R/C EQUIPMENT



1495

RADIO CONTROL TRANSMITTER

*MEETS FCC REGULATIONS

Assembled-tested-guaranteed.

Crystal controlled with .01% tolerance crystal as per FCC regulations. Uses powerful 3A5 tube for range of approximately one mile. Will operate any 27.255 MC R/C receiver. Overall dimensions only 8½x2¾x1¾" — A neat little handful! Includes antenna, tube, crystal with FCC approved tolerance, and instructions. FCC license applications enclosed — no examination required. Less batteries. Shpg. wt., 2½ lbs. Imported F-249

BA-124 Batteries Burgess U30 (3 Needed) 1.75 ea.
BA-157 #2 Batteries (1 Needed)13 ea.

RADIO CONTROL RECEIVER

RADIO CONTROL RECEIVER: Completely wired and tested receiver—extremely sensitive and stable. Completely enclosed—ideal in boats—or case may be removed if desired. Ingeniously constructed to withstand vibration and shock. Features external fine tuning—antenna "snap" lead—plug for power and actuator connections. Ideal Companion for F-249 Transmitter and F-327 Servo shown elsewhere on this page. Requires one 1.5V battery and one 67.5 Volt battery. Size determined by use. Measures only 3x2¾x1½". Complete with tube and instructions. Less batteries. Shpg. wt., 8 oz. Imported F-208

BATTERIES REQUIRED:
BA-5 LAFAYETTE (1 needed) Imported 1.29
Burgess No. 2 (1 needed) BA-15713 ea.

SPECIAL COMBINATION OFFER

Consists of R/C Transmitter (F-249), and R/C Receiver (F-208) F-259—Combination 22.90



NEW! MULTI-PURPOSE ELECTRO SERVO MECHANISM 495

- POWERFUL, MOTOR DRIVEN R/C ACTUATOR
- POSITIVE, INSTANTANEOUS ACTION
- FOR MODEL BOATS AND CARS

Lafayette's new, motor driven, remote control servo-mechanism. Imported by Lafayette to sell for half the price of any comparable unit! Carefully constructed for power, durability and rugged use. Operates with any single channel, remote control receiver and transmitter. When operated at the prescribed 3 volts, the action is accurate and rapid. Provides for selective steering and automatic return to neutral. Extremely efficient when used with model boats or land vehicles. Hobbyists will find uses for the servo-mechanism restricted only by their imagination. Single pulse operation—electronic neutralization. Measures only 2½x2x1¾" overall. Includes instructions and linkage to extend actuator arm. Shpg. wt., 8 oz. Imported F-327

Net 4.95

MINIATURE TELESCOPING ANTENNA



RETRACTS to 9 INCHES with PLASTIC CASE

Ideal for mobile or fixed transceivers, miniature portable and pocket transistor radios, wireless broadcasters and a host of similar applications. This 5-section antenna is made of chrome-plated brass and screws into a jack which is supplied. Measures 38" fully extended and retracted is 9" to facilitate carrying in pocket. Comes in a flexible plastic case with slip-under protecting flap. Imported F-343 Telescoping Antenna

Net .59

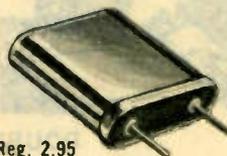
195



"JEWELL" REMOTE CONTROL RELAY

A natural for remote control receivers, it is highly sensitive, and built to withstand severe crashes. The smallest commercial job available. It weighs less than ½ oz. Factory adjusted to pull in at 1.4 MA. drop out at 1.2 MA D.C. Single pole, double throw. Used in outstanding R/C receivers. 5,000 ohm coil. Imported

F-260 Relay Shpg. wt., 2 oz. Net 1.95



27.255 CITIZENS BAND AND R/C CRYSTAL .005% TOLERANCE!

Reg. 2.95

Designed specifically for use in R/C model planes, boats, cars, etc., as well as on channel 23 of class "D" Citizens Band Equipment. Type HC-6/U holder; Pin spacing .493; Pin dia. .050" MS-786

Net 1.89

189

REMOTE CONTROL ESCAPEMENT

• AT THE LOWEST PRICE ANYWHERE!

A sturdy 2 arm self neutralizing escapement. Completely wired (not a kit). Converts electrical impulses from remote control receiver to mechanical motion for varying movement of plane, boat, or car. Four 90° rotations—two by armature activation, two by neutralization. Has ratchet governor for maintaining foolproof rotating speed. Weighs only ¾ oz. Size: 1¾x2" W overall. Shpg. wt., 5 oz. F-255 Imported

Net 1.95

REMOTE ENGINE CONTROL ESCAPEMENT

Lafayette's exciting new air-bleed self-neutralizing remote engine control. Varies engine speed of your model. Neutral position of one arm is low speed, neutral position of 2nd arm is high speed, and maintained activated position of either arm (armature activated) stops motor. Perfect mate for Lafayette F-256. Compact and weighs only ¾ oz. Requires 1½ volt battery. Low current drain. Size: 1¾x1¾". Shpg. wt., 5 oz. Imported F-257

Net 2.45

COMPOUND REMOTE CONTROL ESCAPEMENT

• LAFAYETTE'S AMAZING VALUE IN A 4-ARM SELF-NEUTRALIZING COMPOUND ESCAPEMENT! • NO NEED TO WORRY ABOUT LOSING YOUR MODEL!

You have no sequence of operation to worry about! Simple as A B C! One pulse always gives right turn; two pulses always gives left turn. Three pulses closes the circuit for the supplementary control such as motor (F-257) or elevator, if used. The rudder always returns to neutral position after any turn as soon as transmitter keying button is released. With ratchet governor for foolproof operation. Sturdy construction—low current drain. Uses 1½ volt battery. Weighs 1¼ oz. Size: 2¾x1¾" overall. Shpg. wt., 6 oz. Imported F-256

Net 3.45



MATCHING CRYSTAL SOCKET

FOR MS-786 and all HC-6/U Citizen band and R/C crystals. Rugged Ceramic Body. MS-787

Net .20



BOOKS ON RADIO CONTROL GERNSBACK PUBLICATIONS

RADIO-CONTROL HANDBOOK-REVISED (NO. 93). By M. G. McEntee. An up-to-date version of the handbook which has become the standard in the field. New ideas for remote control of model boats, planes and cars by radio. Information on servos and actuators as well as receivers and transmitters. 304 pgs. BK-949 Postpaid in U.S.A.

Net 4.95

MODEL RADIO CONTROL (NO. 74). By Edward L. Safford, Jr. Covers coders, decoders, transmitters, receivers, control systems, troubleshooting, etc. — from theory to practical hints. Tells how to build successful models. Illustrated. BK-931 Postpaid in U.S.A.

Net 2.65

RADIO CONTROL MANUAL (NO. 91). By E. L. Safford, Jr. Starts with the most basic system and advances to an ultimate multi-channel R/C system. Lots of do-it-yourself information for beginner or veteran. 192 pgs. BK-944 Postpaid in U.S.A.

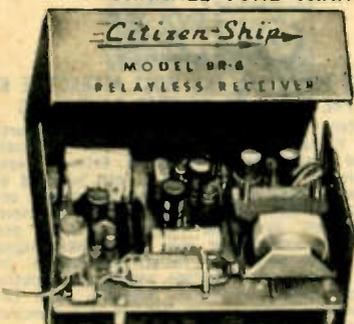
Net 3.20

FUN WITH RADIO CONTROLLED MODELS (No. 106.) By Edward L. Safford, Jr. Learn by building. Simple projects for the beginner. Installation hints and methods for steering and motor and engine control. How to operate lights, horn and other accessories with relays and escapements. BK-951 Postpaid in U.S.A.

Net 3.20

CITIZEN-SHIP R.C. TONE TRANSMITTERS AND RECEIVERS

CITIZEN-SHIP MODEL BR-6 REED R-C RECEIVER 6-CHANNEL TONE TRANSISTORIZED RECEIVER



(27.255 mc)

LAFAYETTE LOW PRICE

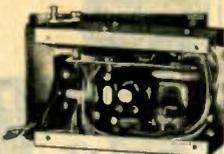
39⁹⁵

NO MONEY DOWN

Newly designed integral reed bank gives excellent remote control results in this highly efficient transistorized tone actuated R-C receiver. Use with TNA Servos for fool-proof performance. Requires one 1½ volt and one 30 volt battery. Measures 2¼x3¼x1¼"; weighs 4 oz. Shpg. wt., 1 lb. AP-125 Less Batteries Net 39.95

BATTERIES REQUIRED
BA-155 1½ Volt Battery (Burgess "Z") Net .13
BA-120 30 Volt Battery (Burgess U20) Net 1.23

MODEL TNA TRANSISTORIZED SERVO For Tone Actuated Receivers LAFAYETTE LOW PRICE



21⁹⁵
NO MONEY DOWN

Operates directly and efficiently from any standard reed bank. Transistors protected against danger from closing 2 or more reeds simultaneously or from servo being stalled by locked control. Designed for use up to 140°F. Completely reliable and foolproof. Uses 6 volts (4 pennies). Shpg. wt., 1 lb.

AP-128 Less Batteries Net 21.95
BATTERIES REQUIRED
BA-155 1½ Volt Batteries (Burgess "Z") 4 required ea. Net .13

COMPLETE R/C SYSTEM

LAFAYETTE LOW PRICE

Model BR-6 Receiver plus Model BT-6 Transmitter plus 3 ea. Model TNA Servos—
AP-129WXM Net 149.95

149⁹⁵

CITIZEN-SHIP MODEL BT-6 TRANSMITTER 6-CHANNEL TONE TRANSMITTER

(27.255 mc)

LAFAYETTE LOW PRICE

54⁹⁵

NO MONEY DOWN



Designed for exceptional, proven tone stability. Housed in light aluminum case and uses contest type lever switches. Employs highly dependable, tried and proven MOPA circuit. Collapsible antenna is packed with set. Transmitter operation has low battery drain and is perfect operating mate for Citizen-Ship BR-6 receiver. Shpg. wt., 4 lbs. AP-126 Less Batteries Net 54.95

BATTERIES REQUIRED
BA-102 1½ Volt Battery (Burgess 4F) Net 1.15
BA-132 67½ Volt Battery (Burgess XX45) 2 Required Ea. Net 2.45

COMBINATION SPECIAL!

SAVE **495**

MODEL BR-6 6 CHANNEL TONE RECEIVER plus MODEL BT-6 6 CHANNEL TONE TRANSMITTER.
AP-127M Net 89.95

MODEL TTX TRANSISTORIZED TONE TRANSMITTER SINGLE CHANNEL 27.255 mc LAFAYETTE LOW PRICE

NO MONEY DOWN

26⁵⁰



This popular, efficient single channel tone transmitter measures 3¼x5¼x1¼" and weighs only 12 oz. with battery. It is 100% collector modulated (no reduction of RF signal with modulation). In addition it features a high efficiency externally loaded antenna and printed circuit chassis. It operates on 9 volts; requires no license. Operates R/C pack with SE-2 Escapement below. Shpg. wt., 2 lbs.

AP-130 Less Battery Net 26.50
BA-180 9 Volt Battery (Burgess 2N6) Net 1.30

CITIZENSHIP MODEL MDL SINGLE CHANNEL RELAYLESS TONE RECEIVER

• Smaller Than A Postage Stamp
Subminiature, super-regenerative, relayless tone receiver that operates from any tone transmitter. Designed for perfect unit operation with powerful SE-2 escapement. So small that ¼A plane accommodates receiver and escapement. Virtually crash proof. Requires 3 volts (2 pen cell batteries). Size with plastic cover: 7/8x1¼". Weighs ½ oz. Shpg. wt., 4 oz. AP-118 less batteries Net 19.95
BA-155 1½ Volt "Z" Batteries (2 required) ea. Net .13



CITIZENSHIP MODEL SE-2 ESCAPEMENT

• Smallest Size Compound or Selective Type Sensitive Escapement. Select right or left at will. Always starts from same neutral. One pulse gives right rudder, two pulses left rudder. Will operate directly from a transistor. Weighs less than one ounce. Voltage required, 3 Volts (2 pen cells). AP-119 Net 6.75
BA-155 1½ V Pen Cells (2 req.) Net ea. .13



CITIZENSHIP MODEL FL "27" TRANSMITTER KIT

1325

- Single Channel Carrier Transmitter
- So Small It Handles Like A Flashlight
- Printed Circuit Design

A single tube, crystal-controlled transmitter kit engineered to provide highest possible output. Extra parts added to reduce "B" battery drain without reduction in signal output. Includes crystals and powerful 3A4 tube. Has built-in tuning indicator with one adjustment only. Requires 3 volts for filament and 135 "B" volts. Complete with instructions.

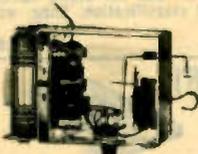
AP-120 Kit Net 13.25
BA-156 1½ Volt Battery (2 required) Net .13
BA-133 67½ Volt Battery (2 required) Net 2.27
MODEL FLX-WIRED VERSION OF ABOVE AP-121 Net 16.50

CITIZEN-SHIP R/C PACK with SE-2 ESCAPEMENT

LAFAYETTE LOW PRICE

29⁹⁵

Single Channel NO MONEY DOWN
— 27.255 mc



Completely wired R/C unit for INSTANT model plane or boat installation. No soldering or connections of any kind is required. INCLUDES: Model LT "3" relayless receiver, escapement, battery holder, off-on switch, push rod, hook and bearing. Especially designed for small R/C planes 1¼x2¼x3¼". Weight—complete with batteries, 5 oz. Shpg. wt., 1 lb. AP-131 Less Batteries Net 29.95
BA-155 1½ Volt "Z" Batteries (2 required) ea. Net .13

WURLITZER 4-CHANNEL RESONANT REED HOBBY RELAY

TUNED TO FREQUENCIES:

280.8 CPS, 313.0 CPS, 349.0 CPS, 389.0 CPS



A compact, reliable, 4 channel resonant reed frequency selective relay. Frequency tolerance ± 1%. Especially adaptable to 4 channel remote control hobby tone receivers and Citizens Band tone signalling receivers. Features low tuning error, good temperature stability, and low driving requirements. Reed response approx. 75 milliseconds; contact rating 100 ma at 48 VDC. 15 ma at 100 VDC, 1 ma at 150 VDC. Drive power varies from 1 milliwatt at 100 cps to 50 milliwatts at 800 cps. Weight ½ oz. 1¼x1¾x1¼". Mounts by two 6/32" tapped holes on back and bottom. Shpg. wt., 8 oz. RY-580 Net 8.95

SCIENCE • TECHNOLOGY • KITS

INTERNATIONAL RECTIFIER EDUCATIONAL SCIENCE KITS



SOLAR ENERGY AND TRANSISTOR ELECTRONICS LAB 1 KIT

- More than 30 Fascinating Projects

Designed to acquaint the Junior Scientist with basic electronic circuitry. Master control panel features indicator scope, galvanometer, signal buzzer, and push button selector. Builds projects in electronic circuitry including two different radios, code practice set, sun operated "Wake Up" alarm, phone and telegraph broadcast transmitters. Completely safe, no soldering, no special tools required. Complete with easy-to-follow instruction manual. Solar power will operate most experiments; battery power optional on all experiments. Size 16 $\frac{1}{2}$ "x11 $\frac{3}{4}$ "x3".

KT-330 Shpg. wt., 3 lbs. Net 14.66
Lots of 6 ea. Net 12.00

SOLAR ENERGY AND TRANSISTOR ELECTRONICS LAB 2 KIT

- Over 50 Basic and Intermediate Projects in This Advanced Kit.

Features magnificent master control panel with speaker, ear-phone jacks, additional push button switches and electronic circuit elements. Builds Solar Powered satellite type "beep" transmitter, electronic light indicators, burglar and fire alarm systems, radios, transistorized broadcast transmitter. Completely safe, no soldering, no special tools required. Complete with easy-to-follow instruction manual. Solar power will operate most experiments; battery power optional on all experiments. Size 16 $\frac{1}{2}$ "x16"x3".

KT-331 Shpg. wt., 5 lbs. Net 22.01
Lots of 3 ea. Net 18.00

SOLAR ENERGY AND TRANSISTOR ELECTRONICS LAB 3 KIT

Builds Over 70 Different Projects and Experiments. This unit includes all of the exclusive features of the other International Rectifier Electronic Labs, plus the components to build an amplifier, public address system, inter-com, telephone pickup, electronic timer, and many more circuits simulating those in missile guidance, computers, etc. Every component is of the professional quality used in commercial and industrial equipment. This advanced lab is as simple to assemble as the basic unit. Completely safe, no soldering, no special tools required. Complete with easy-to-follow instruction manual. Solar power will operate most experiments; battery power optional on all experiments. Size 16 $\frac{1}{2}$ "x16"x3".

KT-332 Shpg. wt., 5 lbs. Net 29.36
Lots of 3 ea. Net 24.00

PHOTO ELECTRIC AND SOLAR POWER LAB 1

A basic kit designed to demonstrate photo electricity and solar energy and its conversion for use in basic electric circuitry. The master control panel is used to indicate audible or visual signals, controlled by light, temperature or moisture. Builds light meters, rain detectors, "Wake-Up" alarms, light operated door alarms, TV "Commercial Killers," etc. Completely safe, no soldering, no special tools required. Complete with easy-to-follow instruction manual. Solar power will operate most experiments; battery power is optional on all experiments. Size: 11 $\frac{1}{2}$ "x14 $\frac{3}{4}$ ". Shpg. wt., 6 lbs.

KT-261 Net 18.34
Lots of 4 each 15.00

PHOTO ELECTRIC AND SOLAR POWER LAB 2

Over 30 exciting solar power and photo energy experiments to be performed using professional components in this complete, advanced lab. Master control panel indicates audible or visual signals, controlled by light, temperature or moisture. Features an electric motor which runs directly off the Solar Cell, and a Power Relay for remote control of electrical appliances. Completely safe, no soldering, no special tools required. Complete with easy-to-follow instruction manual. Solar power will operate most experiments; battery power optional on all experiments. Size: 16 $\frac{1}{2}$ "x14 $\frac{3}{4}$ ". Shpg. wt., 7 lbs.

KT-262 Net 25.69
Lots of 3 each 18.00

MAGIC-GLO BLACK LIGHT *TEKNIKIT*®



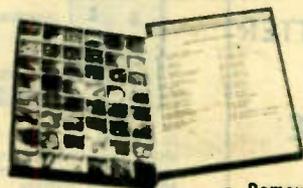
- Learn Invisible Detection
- Write Secret Messages

- Educational—Scientific
- Enjoyable—Interesting

This new Black Light Kit enables you to see the invisible. Guaranteed completely safe and harmless. This kit allows children to study the phenomena of fluorescence and phosphorescence. Set contains black light, socket and cord, laboratory lamp stand, 4 jars of fluorescent paint, invisible ink, invisible crayon, tracer powder, 3 fluorescent mineral specimens, phosphorogram, optical bleach, brushes and pen, and a box of fluorescent specimens. Enables the student to perform endless numbers of fascinating experiments. The amply illustrated 48 page booklet "The Story of Black Light—The Unseen World Around Us," explains the use of black light in fields such as mineralogy, electronics, crime detection, medicine, stamp collecting, and many others. Shpg. wt., 41 lbs.

AP-61 Net 9.95
AP-73 Replacement U.V. Bulb for AP-61 Net 2.70

MINERAL "TEKNIKIT"® VOL. 1



- 48 Carefully Selected Specimens
- Named—Tagged—and Classified

- Removable for Study

Forty-eight specimens—pre-selected to illustrate such physical characteristics as cleavage, hardness, color, luster, specific gravity, crystal form, etc. Contains specimens of ore—organics—fossils—elements—Plutonics—oxides—volcanics—hypabyssals—effusives crystals—common and uncommon minerals. An aid in the study of mineralogy, petrology, structural geology, physiography, economic geology. Each specimen is tagged and removable from its compartment. Each compartment is correspondingly tagged and named. All are named as well as classified. An excellent introduction to rock and mineral identification. Handy reference for the advanced "rock hound." Shpg. wt., 1 lb. Imported

F-566 Net 2.95

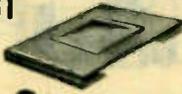
NEW! MINERAL *TEKNIKIT*® VOL. II

- 48 Additional Specimens! • No Two Alike!
- Many Uncommon Minerals! 2.95

Volume 2 of Lafayette's popular Mineral *TEKNIKIT* has been as carefully pre-selected and packaged as its predecessor. Includes specimens of Carbonates—Tantaline—Phosphates—Gemstones— as well as additional Plutonics—Volcanics—Sulphides—Metamorphics—Silicides—Oxides and many others. Specimens are tagged, compartments identified and the entire collection is indexed for type and classification. Shpg. wt., 1 lb. Imported

F-676 Net 2.95

LAFAYETTE KT-181 MAGNETICS KIT

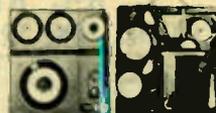


- Contains 7 Complete Experiments
- Step-by-Step Illustrated Instruction Manual
- Complete With Questions & Answers

Made in U.S.A. ONLY 1.95

Now unlock the mysteries of magnetism in SEVEN fascinating, fun-filled experiments. You teach yourself by doing-it-yourself. Every phase of magnetism is covered. Size: 12 $\frac{1}{2}$ "x9 $\frac{1}{2}$ "x1 $\frac{3}{4}$ ".
KT-181 Shpg. wt., 2 lbs. Net 1.95

REVELL PORTABLE WEATHER RESEARCH LABORATORY UNIT



THE MOST PRACTICAL AND MOST ATTRACTIVE KIT FOR THE STUDY OF WEATHER CONDITIONS

A completely portable, efficient weather Research Laboratory Kit assembled in a Deluxe plastic console storage and carrying case with handle. Extremely easy to assemble, is so efficient that it can be used by professional forecasters—yet simple to operate and understand. Includes professional Aneroid barometer with completely assembled mechanism. Also, professional style anemometer with red blinker signal light and on-off switch for remote observation. Instruments and equipment include nephoscope, relative humidity calculator, temperature humidity index calculator, compass, compass rose (for use in conjunction with included wind vane and nephoscope) rain gauge, sling psychrometer with two 5 inch thermometers, wind and gust indicator and cloud chart. Also includes U.S. Weather map, weather recording forms, and scientific booklet.

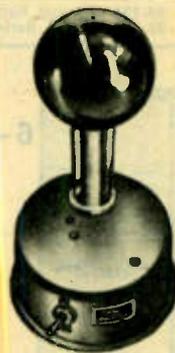
KT-189 Shpg. Wt., 3 lbs. Net 13.88

NOVATRON

A SCIENTIFIC INSTRUMENT FOR THE EXPERIMENTERS

- POWERFUL, 110 VOLT AC/DC MOTOR
- MINIATURE ATOM SMASHER
- PRODUCES 75,000 VOLTS
- ABSOLUTELY SAFE

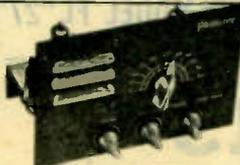
COMPLETELY WIRED (NOT A KIT)



In no sense of the word a toy or gadget. This machine is a scientific instrument capable of producing 75,000 volts—makes sparks up to 2" long—yet is absolutely safe because the current is infinitesimal. The science teacher—science lover—or hobbyist can perform experiments to astound students—friends—family. Makes smoke disappear—defy gravity—turns propellers at a distance—transforms atomic energy into light—makes artificial lightning—smashes atoms—demonstrates ionic space ship drive—and many other experiments. Will hold an audience spellbound as it performs trick after amazing trick. Includes an experiment kit and illustrated experiment manual. Manual explains the "how" and "why." You will invent many new experiments of your own. A fine research tool that will give years of beneficial service to the institution or individual who owns one. 110 V. AC or DC. Imported.

F-371 Assembled—Shpg. wt., 4 lbs. Net 11.95

PHILMORE DUAL BAND BROADCAST SHORTWAVE RADIO KIT



1450

- 3 TUBES INCLUDING RECTIFIER

The perfect kit for the beginner at radio. This radio covers the standard broadcast band from 550 to 1650 Kc, and a shortwave band from 3 to 13 Mc. Features modern circuitry and miniature tubes, with enough audio to drive a built-in 3 $\frac{1}{2}$ inch PM speaker. The kit builder will learn radio fundamentals and be rewarded with the satisfaction of having built a radio which will actually pull in standard broadcast, amateur and other shortwave stations. Includes punched chassis, grey hammetone panel, 3 $\frac{1}{2}$ " speaker, pictorial and schematic diagrams, and easy-to-follow instructions. Complete with all hardware: less solder, wire and tubes. Tubes required: 1—35W4, 1—50C5 and 1—12AU6. For 105-125 volts. AC or DC.

KT-177 MODEL 7001CR. Shpg. wt., 4 lbs. Net 14.50

GENERAL ELECTRIC EDUCATIONAL LABORATORY PROJECT KITS

TRANSISTORIZED TRANSMITTER KIT

BROADCAST THRU YOUR OWN RADIO

1330



GE MODEL EF-120. Builds a 3 transistor radio transmitter complete with microphone and whip antenna. Broadcasts can be received on any closeby standard A.M. radio. Basic principles of radio transmission clearly taught through illustrative experiments as well as construction of the transmitter. Manual combines explanation of elementary transmitter electronics with assembly instructions. No soldering required. All needed tools included. Shpg. wt., 4 lbs.

KT-244 Net 13.30

BASIC TRANSISTOR LAB



463

GE MODEL EL-10. Teaches fundamentals of transistors and radio through basic experiments. No soldering required. Earphone, necessary tools and complete manual included.

KT-246 Shpg. wt., 1 1/2 lbs. Net 4.63

ELECTRONICS LAB KIT



1330

GE MODEL EL-40. More than 30 experiments offering intermediate lab work, ranging from basics of applied electricity to engineering of electronic devices. Constructs transistor amplifiers, oscillators, receivers, transmitters and alarm systems. Teaches theory and practical applications. Includes earphone, tools and instruction manual.

KT-242 Shpg. wt., 4 lbs. Net 13.30

ADVANCED ELECTRONICS LAB



2666

GE MODEL EL-30. Over 50 advanced experiments in electronics. Teaches principles of electronics through construction of radio receivers, voice transmitters, public address system, electronic relay, rain detector, proximity alarm. No soldering required. Complete with manual and all needed tools. Shpg. wt., 9 lbs.

KT-239 Net 26.66

TRANSISTORIZED SHORT WAVE RADIO KIT

1998



GE MODEL EF-150. Teaches principles of modern superheterodyne radio, using 5 transistors for standard shortwave band that receives international, amateur and police broadcasts. Has beat frequency oscillator for code reception. Complete with soldering iron, instruction manual and earphone. Shpg. wt., 6 lbs.

KT-247 Net 19.98

TRANSISTORIZED INTERCOM KIT

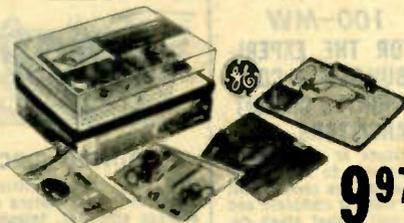


1330

GE MODEL EF-130. Build and talk over 3-transistor intercom, master and remote. Both with volume control. Construction illustrates transistor amplifier principles. No soldering. Tools and manual included.

KT-243 Shpg. wt., 4 1/2 lbs. Net 13.30

ELECTRICITY LAB KIT



997

GE MODEL EL-20. Perform over 25 fascinating, instructive experiments in electricity and magnetism. All needed tools included, plus complete instruction and teaching manual.

KT-245 Shpg. wt., 4 lbs. Net 9.97

TRANSISTOR RADIO KIT

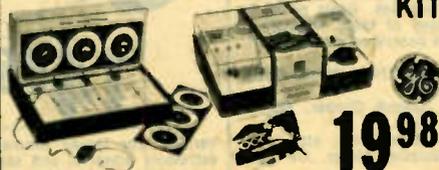
663



GE MODEL EF-110. Construct a self-contained radio receiver based on the transistor. Built-in air loop antenna plus earphone. Manual combines instructions with simple course in basic radio principles. No soldering. All tools included. Shpg. wt., 4 lbs.

KT-248 Net 6.63

TRANSISTORIZED COMPUTER KIT



1998

GE MODEL EF-140. Teaches electronics and mathematics through construction and use. Accurately solves practical problems. Has memory panels, audio indicator with 3 transistors, oscillator and amplifier. No soldering required—all needed tools included.

KT-238 Shpg. wt., 9 lbs. Net 19.98

G.E. EDUCATIONAL KITS FOR THE 7-10 YEAR OLD



WEATHER STATION KIT

Forecast the Weather with Your Own Weather Station! Easy to Build and Operate for Hours of Fun!

Build and learn all about basic weather instruments. Includes a barometer, outdoor thermometer, rain-fall gauge, and an electronic rain detector. A one transistor electronic circuit connects to a detector unit placed outdoors that activates a light when rain hits the detector. Changing air pressure, forecasting a change in weather, registers on the barometer. Console back-panel contains unique visual indicators that show today's weather and tomorrow's forecast. Complete cloud chart included. Operates on two ordinary flashlight batteries. Step-by-step instructions have large illustrations. Size: 12"x16"x2". Shpg. wt., 2 lbs.

KT-104 Net 2.98

LITE-WRITER KIT

WRITE OR DRAW ON A PHOSPHORESCENT SCREEN WITH A BEAM OF LIGHT

The Lite-Writer kit is your introduction to the magical world of phosphorescence. Actually write or draw on a phosphorescent screen with a beam of light. Watch how the screen glows in the dark. Kit includes a marking pencil, acetate tracing sheet, parts tray and, as an added feature, 6 special constellation cards, allowing you to study the evening sky right in your own home. You can reproduce the constellation patterns on your phosphorescent screen as an exact reproduction of the night sky. Comprehensive instruction booklet explains each step in detail. Operates on two ordinary flashlight batteries. Size: 12"x16"x2".

KT-108 Shpg. wt., 2 lbs. Net 2.98

ALARM SYSTEM KIT

SURPRISE AND AMAZE YOUR FRIENDS WITH YOUR OWN ALARM SYSTEM!

Completely transistorized circuit operates an alarm that is either audible or visual from a buzzer or a light. Detects opening doors or windows, lifted objects, even steps on a rug. Warning flag on console panel drops when the circuit has been triggered. Easy to build and operate—completely safe. Complete set of instructions explains principles of switching circuits as well as the uses of alarm systems. Operates on two ordinary flashlight batteries. Size: 12"x16"x2".

KT-105 Shpg. wt., 2 lbs. Net 2.98

ASTROSCOPE KIT

PUT A SATELLITE INTO ORBIT

You control satellites distance from earth with a variable speed motor. A unique reflected-light feature makes the earth appear motionless as the satellite rises. You learn principles of centrifugal force as well as of basics of satellites orbit. Operates on two ordinary flashlight batteries for complete safety. Well illustrated instruction manual explains every step. Size: 12"x16"x2".

KT-107 Shpg. wt., 2 lbs. Net 2.98

GENERAL ELECTRIC 5-TRANSISTOR PORTABLE RADIO KIT



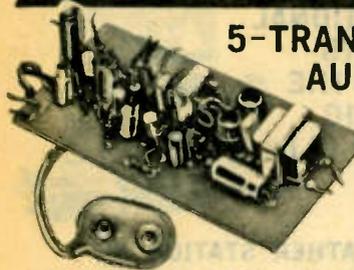
1463

An authentic G.E. portable radio. Well engineered electronic components have been pre-assembled into 3 factory-tested sub-units for quick, easy soldering to the printed circuit board. Kit includes 5 transistors plus diode, pre-aligned IF's, ferrite antenna, G.E. 3 1/2" magnetic speaker, texton carrying case and all parts. Operates on 9 volt battery (not supplied). Complete instruction manual. Shpg. wt., 3 lbs.

KT-249 Net 14.63

BA-2 9 volt battery for above Net .21

LAFAYETTE TRANSISTOR SPECIALS FOR EXPERIMENTER CIRCUITRY KIT BUILDER • HOBBYIST



5-TRANSISTOR PUSH-PULL AUDIO AMPLIFIER

695 • 360 MW OUTPUT
• COMPLETELY WIRED
• DIRECT WIRING

ONLY 3 1/16" x 1 1/16" x 1 1/16"

A more powerful and more sensitive version of the PK-543, this amplifier employs 3 stages of audio driving a push-pull output stage. Power output is 360 mw, designed for speakers with a voice coil impedance of 8-11 ohms. Low impedance input has sensitivity of 300 microvolts. Input transformer for matching high impedance to the amplifier input available as an accessory (see below). Comes with leads for low impedance input, speaker, volume control/on-off switch. Battery clips and leads supplied for 9 volt miniature battery (one required). Shpg. wt., 5 oz. Imported. PK-544

ACCESSORIES FOR ABOVE

BA-2 9 volt battery. Shpg. wt., 2 oz.	Net .21
VC-28 10,000 ohm volume control w/switch. Shpg. wt., 2 oz.	Net .69
SK-193 8 ohm 3" speaker. Shpg. wt., 10 oz.	Net 1.49
SK-189 8 ohm 2" speaker. Shpg. wt., 8 oz.	Net 1.49
Input transformer for matching high impedance (mike, etc.) to amplifier.	
TR-120	Net .89

4 TRANSISTOR SUBMINIATURE PUSH-PULL AUDIO AMPLIFIER

495 OUTPUT 100-MW
• TERRIFIC FOR THE EXPERIMENTER, HOBBYIST AND KIT BUILDER! • COMPLETELY WIRED, NOT A KIT! • PRINTED CIRCUIT BOARD • COMPLETE WITH TRANSISTORS



A tiny, transistorized push-pull audio amplifier with a multitude of applications. Only 3" x 1 1/4" x 1 1/4". It can be mounted inside other equipment to serve as a subminiature phono amplifier, tape recorder, amplifier, etc. Can be the complement of a homebuilt project which needs only an audio amplifier to make it complete and self-contained. Two stages of audio are followed by a push-pull output stage designed to deliver 100 mw to an 8-11 ohm impedance. Low impedance input, with a sensitivity of 0.9 mv. Input transformer for matching high impedances to the amplifier available as an accessory (see below). Includes leads for input, speaker, and volume control/on-off switch. Battery clips and leads supplied for 9 volt miniature battery (one required). Shpg. wt., 5 oz. Imported. PK-543

ACCESSORIES FOR ABOVE

BA-2 9 volt battery. Shpg. wt., 2 oz.	Net .21
VC-31 50K ohm volume control w/switch. Shpg. wt., 2 oz.	Net .69
SK-193 8 ohm voice coil speaker. Shpg. wt., 10 oz.	Net 1.49
SK-189 8 ohm voice coil speaker. Shpg. wt., 8 oz.	Net 1.49
Input transformer for matching high impedance (mike, etc.) to amplifier.	
TR-120	Net .89

NEW! TRANSISTORIZED MINIATURE AMPLIFIER AND TUNER APPLICATIONS



Available Oct. '63

An Exclusive Lafayette Publication

96 Pages . . . Over 61 Circuits . . . 60 Illustrations
. . . 6 Chapters—Audio, Amateur & Citizens Band, Controls, Test Instruments, Tuners, Hearing Aids, Intercoms, etc.

By

Rufus P. Turner

Many original Applications Not Found Elsewhere!

An inspiring new book written by a registered Professional Engineer and author of 13 technical books and of more than 2000 magazine articles. Deals primarily with over 60 challenging and interesting applications, many of them original, of the Lafayette transistorized miniature amplifiers and tuners described on this page. Consists of 6 interesting chapters:

1. Audio Applications—Amplifiers, Preamplifiers, Modular Amplifiers, Stereo Amps, etc.
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3. Control—AM RF Relay, Capacitance Relay, Sound Operated Relay, etc.
4. Test Instruments—AF RF Signal Tracer, Percent Modulation Meter, A-F Wattmeter, Sound Level Meter, etc.
5. Tuners—No License Radio Communication System, Broadcast/Short-Wave Tuner, etc.
6. Miscellaneous—Hearing Aids, Intercoms, Electronic Stethoscopes, Light Beam Transmitter & Receiver, Gelger Counter, Electronic Announcer, etc.

An excellent educational source of information for the kit builder, experimenter and for workers in various areas of electronics. Postpaid in U.S.A. PK-24

Net 1.50

3-TRANSISTOR SUBMINIATURE AM BROADCAST TUNER

- 4 TRANSFORMERS: 3 IF plus 1 Oscillator Transformers for Exceptional Superhet Sensitivity and Selectivity. • 540KC TO 1600KC
- USED IN MANY EXPENSIVE IMPORTED RADIOS!

795



- FEATURES COMPLETELY WIRED PRINTED CIRCUIT BOARD.

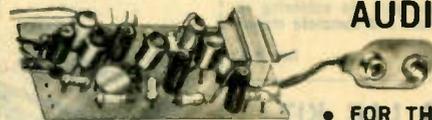
AN OUTSTANDING AM BROADCAST RADIO WHEN CONNECTED TO ANY TRANSISTOR AUDIO AMPLIFIER ON THIS PAGE OR ELSEWHERE!

A deluxe 3 transistor subminiature AM broadcast tuner that features 3 dependable transistors, 3 IF plus 1 oscillator transformer, and ferrite antenna in an efficient, completely wired superheterodyne circuit on a sturdy printed-circuit board. Now you can build your own highly efficient broadcast receiver by simply adding this exceptional tuner to any of the transistor audio amplifiers listed below or elsewhere. The long tuner leads for connecting to external amplifier and/or to a separate 9 volt battery, makes this easy as pie. Also features a large clearly visible calibrated tuning dial. The printed circuit board layout permits either vertical or horizontal mounting. Supplied complete with mounting brackets and detailed instructions. Size: 4x1 1/4x2" H with brackets. Shpg. wt., 8 oz. Imported. PK-633

Net 7.95

3-TRANSISTOR SUBMINIATURE AUDIO AMPLIFIER

375



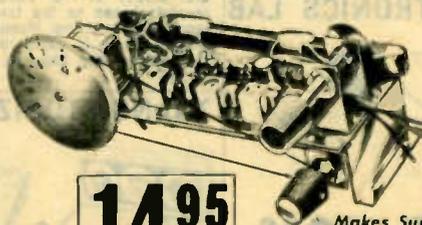
- FOR THE EXPERIMENTER, HOBBYIST, AND KIT BUILDER!
- PRINTED CIRCUIT • COMPLETE WITH TRANSISTORS

Here is an amazing little audio amplifier with a multitude of challenging applications; i.e., subminiature phono amplifier, tape recorder amplifier, hand-held public address amplifier, telephone pick-up amplifier, etc. Output sufficient for average listening. Has leads for any one of the following inputs: Tape recorder record/playback heads, radio-tuner, crystal or ceramic phono cartridge, and crystal or ceramic microphone. Has lead terminations for ON-OFF switch. Volume Control. 4 to 10 ohm speaker, and leads terminating in clips for a 9 volt miniature battery. Size: 2 1/4"x1 1/4"x3/4". Can be readily mounted on chassis. Shpg. wt., 8 oz. Imported. PK-522

Net 3.75

BA-8 9 Volt Battery	Net .21
5K ohm Volume Control with SPST Switch and Knob; Shpg. wt., 2 oz.	Net .59
VC-62	Net .59
Miniature Crystal Microphone 1 1/8" Diam. x 3/8" Deep. Shpg. wt., 6 oz.	Net 1.49
MS-108	Net 1.49
Miniature Speaker 2 1/2" Diam. 10 ohms Voice Coil Impedance. Shpg. wt., 8 oz.	Net 1.49
SK-66	Net 1.49

NEW! 4-TRANSISTOR SUBMINIATURE AM/SW TUNER WITH VERNIER TUNING DIAL



1495

- 2 Bands—530-1600 KC, 4.5-12 MC
- Completely Wired Printed Circuit Board
- 4 Transformers: 3 IF Plus 1 Oscillator, for Fine Superheterodyne Performance

Makes Superb Superhet AM/SW Radio with Any Transistor Audio Amplifier

Vernier type tuning mechanism makes precise AM/SW tuning a cinch with this extremely powerful and sensitive 4-transistor tuner. Outstanding features include: completely wired printed circuit board, 3 IF and 1 oscillator transformers for exceptional sensitivity and selectivity, built-in ferrite antenna for both AM & SW reception, superhet circuit with BC & SW band switch, S/N Ratio: 14 db on AM; 20 db on SW. Supplied complete with 3 long leads for connecting to external amplifier and/or to a separate 9v battery (only 3 ma. drain), mounting brackets and operating instructions. Overall Dimensions: 6 1/8x3 3/4xDx2 1/4"H. Shpg. wt., 1 lb. Imported. PK-768

Net 14.95

LAFAYETTE HEADQUARTERS FOR CITIZENS BAND EXPERIMENTERS PARTS

PI-NETWORK ASSEMBLY—For optimum antenna matching and output. Used in Lafayette HE-20. Consists of mounting bracket, final coil, 10 uufd plate capacitor and 330 uufd output capacitor. Completely wired. Size 2½x1¾x2¼" High. With schematic.
 HP-57 Shpg. wt., 8 oz. Net 2.25

RECEIVER RF COIL For transformer coupling RF stage to the mixer stage. Two windings (individually slug-tuned)—one for RF Amplifier Plate circuit, second for Mixer Grid Circuit. ¾" Diam. x 2¼"L. With schematic.
 HP-58 Shpg. wt., 4 oz. Net .59

RECEIVER OSCILLATOR COIL—For use with tuneable citizens band receiver with IF Frequency at 1650 KC as used in HE-20. 1½"Lx¼" Diam. Complete with schematic.
 HP-62 Shpg. wt., 4 oz. Net 1.50

1650 KC INTERMEDIATE FREQUENCY TRANSFORMERS—For use in any citizens band receiver utilizing 1650KC IF Frequency and in conjunction with the above oscillator and RF coils. 1½"x¾"x¾". Complete with schematic.
 HP-63 Shpg. wt., 8 oz. Net .75

TRANSMITTER OSCILLATOR COIL—For use as oscillator plate tank coil in citizens band transmitters using 6AU8, 6AW8 and 6CX8 type tubes. Used in HE-20. Size: ½" diam. x 1½"L. Complete with schematic.
 HP-60 Shpg. wt., 4 oz. Net .49

OUTPUT AND MODULATION TRANSFORMERS HP-61 matches 6AQ5 as modulator and 3.2 ohm voice coil as used in Lafayette HE-20. 2¾"Lx1½"Wx1¾"H. With application instructions.
 HP-61 Shpg. wt., 1 lb. Net 1.00

Output Transformer matches 6V6GT as modulator and 3.2 ohm voice coil as used in Lafayette HE-15. 2½Lx1¾Wx1¾H. Complete with schematic.
 HP-64 Shpg. wt., 1¼" lbs. Net 1.39

TVI TRAP COIL—Suppresses Television Interference from Citizens Band Transceivers. Coil for use with 50 µufd capacitor in a parallel tuned circuit. ¾" dia. x 1½"L. With schematic.
 HP-59 Shpg. wt., 4 oz. Net .29

TRANSMIT — RECEIVE — TRANSMIT SPRING RETURN SWITCH. A 4-pole 3 position switch for use in Citizens Band switching circuit. Position 1—Transmit (locks); Position 2—Receive; Position 3—Transmit, with spring return, for short periods of transmissions. Used in Lafayette HE-15. With schematic.
 HP-65 Shpg. wt., 6 oz. Net 1.15

PUSH-TO-TALK RELAY Double Pole. Double Throw relay for microphone push-to-talk relay operation as used in Lafayette HE-20 and most popular citizens band transceivers. Sturdy for trouble-free mobile operation. Has 6-32 threaded mounting hole. 1¾"Lx¾"Wx1½"H. With schematic.
 HP-225 Shpg. wt., 8 oz. Net 3.95

1750 KC INTERMEDIATE FREQUENCY TRANSFORMER Used in Lafayette HE-15. Can be used in any CB transceiver having a 1750 KC IF frequency as well as with above oscillator and RF coils. 1¾"Lx¾"Wx3¼"D. Complete with schematic. Shpg. wt., 8 lbs.
 HP-226 Net .75

AUTOMOBILE CIGARETTE LIGHTER CABLE ASSY. (Used in Lafayette HE-20) Connect the two free leads of this power cable to your equipment power input, plug into car cigarette lighter outlet and that's all there's to it. Fused for safety by fuse in bayonet type fuse holder wired into cable. 3 ft. long.
 HP-232 Shpg. wt., 6 oz. Net .95

TUNING CAPACITOR ASSEMBLY (Used in Lafayette HE-20)
 ● Capacitor Plus Dial Plus Knob
 Variable tuning capacitor plus attractive 3 in. diam. channel indicator dial with hub and set screw for mounting on outer shaft of capacitor, plus black and chrome knob for vernier tuning shaft. With schematic.
 HP-227 Shpg. wt., 12 oz. Net 2.25

TUNING CAPACITOR ONLY
 Has flattened outer shaft for channel dial mounting or for coarse tuning knob; flattened concentric vernier tuning shaft for vernier tuning knob. Has 6-32 threaded holes for mounting. 1¾"Lx1¾"Wx1½"H. With schematic.
 HP-72 Shpg. wt., 8 oz. Net 1.39

TUNING CAPACITOR ASSEMBLY
 ● Capacitor Plus Concentric Tuning Knobs
 Variable tuning capacitor, plus 1" diam. concentric gray outer knob for coarse tuning, plus ¾" diam. gray inner knob for vernier fine tuning. Used in Lafayette HE-15. With schematic.
 HP-229 Shpg. wt., 10 oz. Net 1.69

LEVER POINTER KNOB Facilitates switch actuation where spring return switch is used, such as "Transmit—Receive—Transmit spring return" in Lafayette HE-15, etc. Gray pointer knob 1½" long for ¼" diam. Shaft. Mounts by set screw.
 HP-230 Shpg. wt., 4 oz. Net .19

KNOB (Used in HE-15) Attractive gray and chrome knurled knob for activating potentiometers and switches used in crystal selection, noise limiting, squelch, ON-OFF, Volume, etc. For ¼" diam. flattened shaft. ¾" diam.
 HP-231 Shpg. wt., 4 oz. Net .19

POWER TRANSFORMER (Used in Lafayette HE-15) Sturdy, enclosed power transformer used in Lafayette HE-15A. 115 Volt primary, one secondary winding for B+ and one secondary winding for filaments. 2½"L x 2¼"W x 2¼"H. With schematic.
 HP-233 Shpg. wt., 3 lbs. Net 2.90

VIBRATOR TRANSFORMER Versatile vibrator transformer as used in Lafayette HE-16 and HE-18 12 Volt and 6 Volt vibrator power supplies for HE-15. Citizens Band Transceiver and HE-35 6 meter transceiver. 2¼"Lx1¾"Wx2¾"H. With schematic.
 HP-234 Shpg. wt., 2 lbs. Net 2.45

AUDIO OUTPUT TRANSFORMER Used in HE-29B Subminiature ¾"x¾"x¾". Center-tapped primary; 2 secondary windings. Impedance: primary—500 ohms C.T., secondary—8 ohms and 3K ohms. With schematic. Imported
 TR-119 Shpg. wt., 8 oz. Net .89

LAFAYETTE SPECIAL!
100 MILLIWATT WALKIE TALKIE MATCHED TRANSISTOR PACKAGE

● 9 Transistors ● 1 Diode ● 1 Varistor

ALL EFFICIENTLY MATCHED FOR TOP CITIZENS BAND 100 MILLIWATT PERFORMANCE! USED IN LAFAYETTE HE-29A! Lafayette makes your job of building a 100 milliwatt citizens band "walkie talkie" easy as pie with this outstanding matched transistor package. Especially matched for outstanding performance in superheterodyne transceivers as used in Lafayette's famous HE-29. Consists of 9 transistors (used in receiver oscillator, mixer, IF driver, push-pull output, transmitter oscillator and output stages). 1 diode as detector and 1 varistor for circuit stability. No other semiconductor to buy!
 HP-71 Shpg. wt., 8 oz. Imported Net 7.50

WALKIE-TALKIE PRINTED CIRCUIT BOARD (Used in Lafayette HE-29A) Neatly designed miniaturized printed circuit board ideally suited for Citizens Band "walkie-talkie." Cutouts for parts listed above. Designed to make wiring and assembly simple despite small size. 3½Lx2¾Wx1¼"D. Shpg. wt., 6 oz.
 HP-73 Imported Net .98

WALKIE-TALKIE CITIZENS BAND SUBMINIATURE PARTS

Sturdy, highly efficient components used in many Citizens Band walkie talkie transceivers, as well as in popular Lafayette HE-29B. All precision engineered and constructed for top quality performance. All parts complete with schematics. Imported

ANTENNA LOADING COIL Variable coil for matching output from final to impedance of antenna for maximum transmitter power output. ¾" diam. x ¾"L. less connecting pins. Slug tuned. Inductance .44 to .535 µH; Q=82.
 HP-67 Shpg. wt., 4 oz. Net .59

RECEIVER ANTENNA COIL Variable RF Antenna Coil for RF Input tank assembly. Inductively tuned by slug. ¾" diam. x ¾"L. For HE-29A only. Avg. Q=80.
 HP-66 Shpg. wt., 4 oz. Net .59

RECEIVER OSCILLATOR COIL Compact, slug-tuned receiver oscillator coil. Slug tuned to give resultant IF frequency of 455KC. Has tapped primary, plus secondary windings. For HE-29A only. ¾" diam. x ¾"L. Avg. Q=80.
 HP-68 Shpg. wt., 4 oz. Net .59

TRANSMITTER OSCILLATOR COIL Slug-tuned subminiature variable transmitter oscillator coil. Precision built for ultra efficient operation despite its subminiature size. Wax impregnated. ¾" diam. x ¾"L less connecting pins. Avg. Q=85.
 HP-69 Shpg. wt., 4 oz. Net .59

TRANSMITTER OUTPUT COIL Sturdy, compact subminiature wax impregnated transmitter output coil. Slug-tuned. Has primary and secondary coils. ¾" diam. x ¾"L less connecting pins. Avg. Q=85.
 HP-70 Shpg. wt., 4 oz. Net .59

1st IF TRANSFORMER Subminiature IF transformer. 455KC IF. Slug-tuned. ¾" Sq. x ¾" High. Primary 70,000 ohms, secondary 1500 ohms.
 MS-776 Shpg. wt., 6 oz. Net .69

2nd IF TRANSFORMER Subminiature slug tuned 455KC IF transformer. Impedance: 50,000 ohm primary, 1,000 ohm secondary. ¾"sq. x ¾"H.
 MS-777 Shpg. wt., 6 oz. Net .69

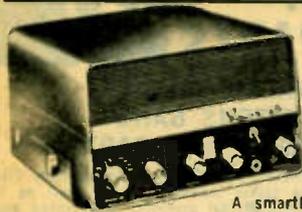
3rd IF TRANSFORMER Precision-built, subminiature 455KC IF transformer. Slug-tuned. Primary 30,000 ohms; secondary 5,000 ohms. ¾"sq. x ¾"H.
 MS-778 Shpg. wt., 6 oz. Net .69

PUSH-TO-TALK SWITCH 4PDT miniature push-to-talk spring return switch for "Walkie-Talkie" CB transceivers. Rated 800 Ma for 100 VAC. Heavy duty spring. 1¾x¾x½" plus ½" plunger. Complete with mounting bracket and hardware. Shpg. wt., 4 oz.
 SW-102 Net, ea. .79; Lots of 10, ea. .75; lots of 100 ea. .69

27MC WALKIE-TALKIE TELESCOPING ANTENNA Attractive and highly efficient 12 section chrome plated brass telescoping antenna for "walkie talkie" transceivers. Measures 52" fully extended and 5½" retracted. Has #8-32 threaded stud and nut at bottom for easy mounting, and soldering lug for electrical connection.
 F-703 Shpg. wt., 10 oz. Net 1.95

INTERSTAGE DRIVER TRANSFORMER (Used in HE-29B) Subminiature efficient driver transformer used to drive push-pull output transistors. Secondary center-tapped. Impedance: primary—10K ohms, secondary—2K ohms, C.T. ¾"x¾"x¾"H. With schematic.
 TR-118 Shpg. wt., 8 oz. Net .89

SELECTED FAMOUS NAME MARINE EQUIPMENT



**NEW Sonar Model 45
45-WATT TRANSISTORIZED
MARINE RADIO TELEPHONE**

299⁹⁵
No Money Down

- 6 Marine Channels
- Complete with 3 pairs Crystals and Mike

A smartly styled dependable marine radio telephone FCC type accepted. Has 45-watt power input, 6 marine channels and broadcast band with noise limiter and high level speech limiter. Easy-to-use front panel tuning with RF tuning indicator. Plug-in microphone and plug-in power cable are quickly detachable. Universal mounting tray set; can be installed in any position. Unit can be quickly removed for safe keeping. Frequency range for both transmitter and receiver 2000-6000KC. Operates with 12-volt systems only. Rugged all-aluminum non-magnetic construction. Treated against effects of salt water and fungus. Complete with 3 pairs of crystals and microphone. Size: 10½Wx6¼Hx13½"D.
HB-107WX Shpg. wt., 16 lbs. Net 299.95



**NEW HARTMAN Model 3059
30-WATT TRANSISTORIZED
RADIO TELEPHONE**

259⁹⁵
No Money Down

- 5 Separate Channels
- Complete with: 4 pairs crystals, 16 ft. Deluxe Antenna, Universal Gimbal Mounting Bracket

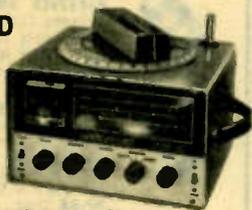
Powerful 30-watt output rating permits transmissions up to 125 miles. No warm-up, receiver responds the instant it is turned on. Five separate channels: Marine telephone channel (ship-to-shore); standard broadcast channel; 2 ship-to-shore channels and a Coast Guard emergency channel. Panel meter and selector switch indicates best power setting and antenna resonance for every condition. All-aluminum construction is completely moisture-fungus proof. Unit cannot be damaged by reversal of battery polarity. Frequency range: 2000-3000 KC. Includes carbon push-to-talk microphone, built-in 6" speaker, 4 pairs of crystals, 16 ft. deluxe center-coil loaded aluminum antenna, and gimbal bracket permits mounting anywhere in your boat, and all connecting cables. For 12 or 6-volt operation. Size: 13Wx7¼Hx9¾"D.
HE-343WX Shpg. wt., 13 lbs. Net 259.95

**HAMMARLUND
RDF-10
RADIO
DIRECTION
FINDER**

Accurate Radio Fixes
for Every Craft

- 3 Bands — Marine, Broadcast and Beacon
- 10 Transistor Circuitry
- Self-Contained Battery Power Supply

The Hammarlund RDF provides all 3 necessary radio bands — standard broadcast, marine band and beacon band. The self-contained power supply operates on six flashlight cells (not incl.). Features a built-in, automatic circuit that protects the transistors should batteries be inserted incorrectly. Battery drain less than average flashlight bulb. Directional antenna controlled by front panel knob. Sensing antenna effect results in single sharp lobe for directional antenna. No installation required. Size: 8½x11x9". Shpg. wt., 12 lbs.
HE-173WX Less Batteries Net 179.50
BA-156 Burgess #1 Battery (6 req.) Net ea. .13



**NEW RAY JEFFERSON
Model 400 DEPTHMETER**

Fits any size boat—outboard, inboard or sail—does not require external power supply

109⁵⁰ NO MONEY DOWN

- Fully Transistorized
 - Powered by Long-Life Mercury Battery
 - Accurate Measurements from 1½ to 120 Ft.
- The model 400 is a rugged unit adaptable to any size boat. Fully transistorized, it features a long-life mercury battery and two depth ranges—1½ to 12 ft. and 10 to 120 ft. Large 4½" meter allows readings even in bright sunlight. External sensitivity control. Complete with 15 feet of cable, gimbal mounting bracket, less battery.

Net 109.50
TRANSOM MOUNTING BRACKET—for mounting transducer on transom of any boat. Shpg. wt., 1 lb.
HE-348 Net 9.95
BA-513 8V Mercury Battery for Model 400 Net 2.18

Bendix NAVIGATOR 410

**3-BAND PORTABLE
DIRECTION FINDER**



- 3 Bands—Beacon, Broadcast and Marine
- Sensitive 8-Transistor Circuit
- Complete With Batteries, Mounting Stand, Ear-Phone and Leather Case

High-gain, low-noise 8-transistor receiver with tuned RF stage, 3-gang tuning capacitor, push-pull audio amplifier and heavy-duty speaker. Special features include: "NULL" Meter for visual null indication; Rotating Loop Antenna eliminates need to rotate entire set; DF Level Control for adjusting strength of incoming signal. Use it (1) To find relative bearing of any station from a boat (2) For "homing" to a transmitter (3) As a Pelorus (4) As a portable radio by removing set from mounting bracket. Size: 8Wx5Hx2½"D.
HE-904WX Shpg. wt., 3½ lbs. Imported Net 99.95



**ANTENNA SPECIALISTS
MARINE WHIP ANTENNA
MODEL ASP-194**

Only **33⁴²**

No Money Down

- For 2000-2830KC
- Heavy Gauge Aluminum

A center-loaded vertical whip antenna for the marine frequency range of 2000 to 2830 KC. Designed to operate with any type of marine radio telephone. Built to withstand high winds and corrosion. Mounting brackets attach to cabin or any flat vertical surface. Overall height is 12 ft. 9 inches including stainless steel whip. 21" loading coil is covered with epoxy resin. Mast is 6 feet long, made of 1" O.D. heavy gauge anodized aluminum tubing. Shpg. wt., 6 lbs.
HE-957WX Net 33.42

Sonar

**D-120B DEPTH
INDICATOR**

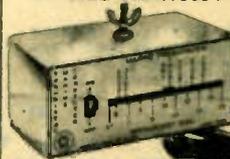
139⁵⁰

No Money Down

- Reads Up To 250 Feet
- 360°, 4" Scale With 1-Foot Calibrations
- One-Piece, Non-Magnetic Construction

Highly sensitive, extremely accurate depth indicator for bulkhead mounting. Measures from 1 to 250 feet. Easily installed—even while boat is in water. Requires 6 or 12 VDC. Size: 11¼Wx7½Hx7½"D. Complete with transducer, gimbal and fairing block. Shpg. wt., 10 lbs.
HE-356WX Specify 6 or 12 volts Net 139.50

**HARTMAN SHIP-TO-AUTO
ALL-TRANSISTOR CONVERTER**



- Ship-to-Ship Broadcast
- Marine Telephone
- WWV
- Coast Guard (weather)
- Ship-to-Shore Conversations

ONLY 19⁹⁵

Now you can listen to marine broadcasts on your car radio. A flick of the switch and your auto radio becomes a powerful, long-range marine receiver. Switch back and it plays the normal broadcast band. All-transistor circuitry uses only 1/2000 of an amp from built-in battery; virtually the battery's entire shelf life. Converter selects any frequency between 2000 KC and 3000 KC. Operates with either 6V or 12V automobile ignition system. Shpg. wt., 3 lbs.
HE-646 Net 19.95

SELECTED AMATEUR & SPECIAL APPLICATION CRYSTALS



AX-2



MC-9

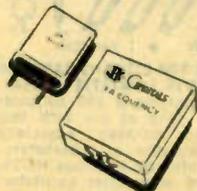
**BLILEY
AMATEUR
CRYSTALS**

Type AX-2. Most popular with hams. Acid-etched quartz. Stainless steel electrodes. Pin size: .093" spaced .486". Tolerance ± 500 cycles at designated frequency except 14-14.5MC ± 10KC. Will supply within 5KC (except * within 30KC.) Specify frequency desired when ordering. Av. shpg. wt., 2 oz. (Allow 3 weeks for delivery)

MP-180C	3500-4000KC	Net 2.89
MP-181C	7000-7425KC	Net 2.89
MP-182C	8000-9000KC	Net 2.89
MP-183CY*	14-14.5MC	Net 3.87

BLILEY ALIGNMENT CRYSTAL

Type MC-9. Suggested primarily for use in Signal Generators and for test equipment such as FM and IF marker generators. Size: 1¼x1¼x¼". Pin size: .093" spacing .486". The plug-in type holder is gasket sealed for optimum protection against moisture.
MP-184 5000 KC .02% Net 3.87



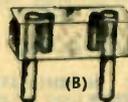
**JAMES
KNIGHTS
CRYSTALS**

Special Application Crystals

For Oscillators with low crystal currents. Type H-173, MC-6/U. Pin. Dia. .050". Pin Spacing .486"—Specify Frequency. (Allow 30 days for delivery.)
HE-755CY21-40 MC Supplied within .01% Net 4.95
HE-756CY40-75 MC Supplied within ± .01% Net 5.95
TV and Marker Crystals. Calibrated ± .005%
Type 4173 (MC-6U) Pin Dia. .050" Spacing .486" for 1000KC
HE-834L Net 7.95
Type H17 (HC-6/U) Pin. Dia. .050" Spacing .486" for 4.5 MC
HE-757L Net 4.95



(A)



(B)

**CRYSTAL
SOCKETS**

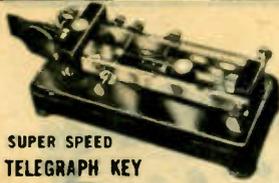
These Statite insulated sockets will strongly hold the crystal contacts. Can be used for chassis or for panel mounting. The bushing will project through a round hole in panel. Av. shpg. wt., 2 oz.

Stock No.	Type	Pin	Spacing	Each
HP-156	CS-8	.125"	.750"	.36
HP-154	CS-6	.095"	.486"	.36
HP-153	CS-5	.125"	.500"	.36
HP-155	CS-7	.050"	.486"	.36

MOSLEY CRYSTAL HOLDER ADAPTORS (B)

Mosley 5-75 adapts ½" spaced holder to ¾" spacing. Shpg. wt., 2 ozs.
MS-320 Net 34
Mosley 75-5 adapts ¾" spaced holder to socket with ½" spacing to octal socket. Shpg. wt., 2 ozs.
MS-321 Net 34

AMATEUR KEYS AND CODE COURSES



SUPER SPEED TELEGRAPH KEY

995

SEMI-AUTOMATIC "BUG"

A quality "Bug" designed for clear, easy sending and wide range of speed. 7 adjustments for speed and comfort. Precision-tooled, anti-rust nickel-plated brass and stainless steel operating parts. Speed adjustable 10 wpm to as high as desired. $\frac{1}{8}$ " silver contacts; weight scale for reproducible speed settings. A real value for radio amateurs and professional CW operators! $6\frac{3}{4}$ "x $3\frac{3}{4}$ "x $2\frac{1}{4}$ "H, exclusive of knobs and feet. Shpg. wt., $3\frac{1}{2}$ lbs. Net 9.95
MS-435—Imported



179

LAFAYETTE VALUE

CODE PRACTICE SET

A budget item for the beginning amateur and code practice groups. Key has adjustable spring tension, and adjustable contact clearance. High frequency buzzer has frequency, and tension adjustment with lock nuts to assure constant frequency. There is provision for insertion of head set by means of binding posts with knurled tightening screws. For individual, group or remote listening. Uses Burgess #2 $1\frac{1}{2}$ Volt battery. Base $6\frac{3}{4}$ "x $2\frac{3}{4}$ "x $1\frac{3}{8}$ "D, overall length $8\frac{1}{2}$ ". Shpg. wt., 2 lbs. (less battery). Imported
MS-438—Code practice set Net 1.79
BA-157—Burgess #2 Net .13
MS-369—Stethoscope Headset Net 1.39



LAFAYETTE VALUE

69

LAFAYETTE VALUE

SAVE ON NEW TELEGRAPH KEY

Economical key for beginning amateurs. Solid, heavily chrome and nickel plated metal parts, molded phenolic base. Adjustable spring tension and adjustable metal parts, molded phenolic base. Adjustable spring tension and adjustable contact clearance. 2 mounting holes in base. Base $3\frac{1}{4}$ "x $1\frac{1}{4}$ "x $\frac{1}{2}$ "W. Overall length 5"; height $1\frac{3}{8}$ ". Shpg. wt., 12 oz. Imported
MS-319—Telegraph Key Net .69



LAFAYETTE "BRASS-POUNDER'S" KEY

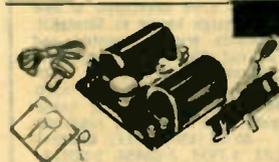
- WITH BALL-BEARING PIVOTS
- SOLID POLISHED-BRASS BASE

A better quality precision-made key designed for hard usage. Spring tension and contact clearance adjustments; $\frac{3}{8}$ " silver contacts; adjustable ball-bearing pivots; Circuit closing switch. Base $3\frac{1}{2}$ "x $2\frac{1}{2}$ "x $1\frac{1}{4}$ ". Shpg. wt., $1\frac{1}{2}$ lbs. Imported
MS-428—Telegraph Key Net 1.95



HIGH FREQUENCY CODE PRACTICE BUZZER

Adjustable frequency buzzer ideal for individual or group code practice. Perfect code item for the ham shack. Black molded phenolic housing. Works with $1\frac{1}{2}$ volt battery. Screw adjustment for changing tone. $1\frac{1}{8}$ " diam. x $1\frac{1}{4}$ " high. Shpg. wt., 6 oz. Imported
MS-436—Buzzer Net .79



TELEGRAPH TRANSMITTER

And Code Practice Oscillator

Only 2.95 2 for 4.90 4 for 8.75

- Send and receive for miles on one wire!
- Ideal for Network Practice
- For Individuals, Group, Classrooms, Hams, etc.

An ideal communications instrument that can be set up, with others, for network practice in classrooms, groups, house to house, etc. Adjustable spring tension and contact clearance. Crystal earphone—high output—lightweight. Molded Bakelite base. Lightweight, only 6 oz., yet designed to give good stability while in use. Complete with 50 ft. of wire on reel, ground spike, ground wire, earphone and Morse code sheet. Uses 1.5V battery (not included). Overall $4\frac{1}{4}$ "x $4\frac{1}{2}$ " high. Shpg. wt., 1 lb. Imported
F-552 Telegraph Transmitter Net 2.95
BA-157 Battery for above Net .13

TAPEDCODE

Prerecorded magnetic tapes containing a complete course in the International Morse Code. The tapes are 7' 1200 ft. and can be played on any standard tape recorder. Playing time 2 hours per tape. Shpg. wt., $1\frac{1}{2}$ lbs.
NOVICE Basic Instructions & code 4-8 WPM. Net 6.35
RT-14
ADVANCED Code at 9-18 WPM. Net 5.39
RT-15

TRANSISTORIZED CODE PRACTICE OSCILLATOR



229

- MINIATURE-PORTABLE
- SELF CONTAINED BATTERY POWER SUPPLY
- PRODUCES CLEAR, CRISP, CW NOTE

Here is an ideal, inexpensive code practice oscillator for the amateur radio enthusiast. Long 38 inch wire from oscillator to earpiece, allows two persons to practice without interference. The unit is completely portable, and weighs only 6 oz. Tone produced is clear and crisp, similar to that received during F.C.C. licensing examinations. Low voltage transistorized circuit utilize 1.5 volt penlight type battery which completely eliminates any possible shock hazard. Earpiece is crystal type, and housed in sanitary plastic. Shpg. wt., 5 oz. Imported
F-429 Oscillator only Net 2.29



AMECO RECORD CODE COURSES

Fast, accurate method for learning code. JUNIOR COURSE five 45 RPM records or one 33 $\frac{1}{3}$ RPM LP; from start to 7 $\frac{1}{2}$ WPM. ADVANCED: six 45 RPM or one 33 $\frac{1}{3}$ LP; 8 $\frac{1}{2}$ to 18 WPM. SENIOR: eleven 45 RPM records or two 33 $\frac{1}{3}$ RPM LP's; from start to 18 WPM. Courses include 28-page manual with FCC Type EXAMS.

Stock No.	Course	Speed	Shpg. wt.	Net
PR41	Junior	45 RPM	2 lb	5.95
PR47	Junior	33 $\frac{1}{3}$ RPM	1 lb	4.95
PR43	Senior	45 RPM	4 lb	10.50
PR48	Senior	33 $\frac{1}{3}$ RPM	2 lb	9.50
PR45	Advanced	45 RPM	2 lb	4.95
PR49	Advanced	33 $\frac{1}{3}$ RPM	1 lb	4.95

Rider "Sight 'N' Sound" Code Course

New improved courses, easier than ever to learn code with Rider's "Sight 'N' Sound" method.

REC-08 NOVICE COURSE-0 to 8 WPM, 3LP records, 47 identification cards, and instruction Book. Shpg. wt., 2 lbs. Net 9.50
PR-90

REC-920 ADVANCED COURSE — 9 to 20 WPM 3 LP records and Instruction Booklet. Shpg. wt., 2 lbs. Net 8.95
PR-91



LAFAYETTE SPECIAL CODE COURSE



10 LESSONS ON A 12" LP RECORD

350

Learn Morse Code the modern practical way. Supplied with 10 lessons and a non-breakable high quality 33 $\frac{1}{3}$ rpm long playing record, recorded with code sound to provide further aid. Perfect for home studying. Speed progresses steadily from 2 to 15 wpm. Complete with sturdy record album and instruction manual. Shpg. wt., $1\frac{1}{2}$ lbs.

PR-13 Lafayette Code Course Net 3.50

VIBROPLEX SEMI-AUTOMATIC KEYS

LESS CORD AND WEDGE

"Champion". Designed for a low priced Vibroplex in the radio field. Of high quality for clear, speedy and easy sending. Ideal for amateur or professional radio operators. Chromium finished top parts with black crystal base. Single lever with 2 pairs of contact points. Shpg. wt., 4 lbs. Net 17.95
MS-715

"Original". Acclaimed by veteran operators for its extremely smooth, clear, rapid, effortless and accurate operation. A rugged, well built, expertly engineered machine for all classes of transmitting work. Large contact points. Die cut dot contact. Chrome-plated mechanism. Cast-iron base. Shpg. wt., 5 lbs. Net 22.45
MS-716

Deluxe "Original". As above but jeweled bearings, chrome-plated base. Shpg. wt., 5 lbs. Net 26.95
MS-717

"Blue Racer". Very similar to the "Original", but half size. Compact and light weight. Shpg. wt., 4 lbs. Net 22.45
MS-718

"Blue Racer". Deluxe. As above but jeweled bearings. Chrome Base. Shpg. wt., 4 lbs. Net 26.95
MS-719

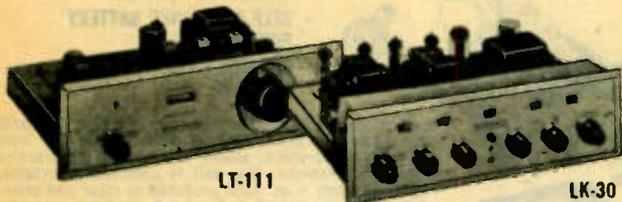
Cord and wedge for above. Specify model of key.
MS-854 Shpg. wt., 8 oz. Net 1.75
F-479M Key and Oscillator Net 2.95



Vibro-Keyer. An efficient keying mechanism for an electronic transmitting unit. Same large size contacts and frame as Deluxe Vibroplex. Easy operating trunion lever. Size: $3\frac{1}{2}$ "x $4\frac{1}{2}$ ". Shpg. wt., 3 lbs. Net 17.95
MS-723

SCOTT STEREOGRAPHIC QUALITY HI-FI KITS

2 NEW SCOTT STEREO KITS



LT-111

LK-30

MODEL LK-30 30-WATT STEREO AMPLIFIER KIT

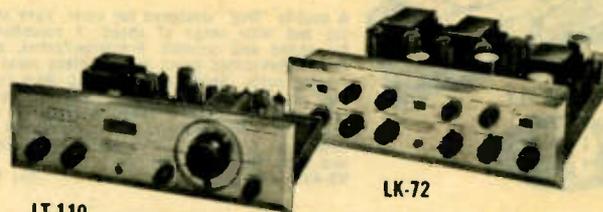
Has all of these fine features: dual tone controls, tape monitor, front panel stereo headphones jack, derived center channel output, all-aluminum chassis scratch filter, stereo balancing, loudness/volume control. Output circuitry delivers full power down to the lowest frequencies. Will drive most inefficient speaker systems to full room volume. Frequency Response 20-20,000 cps \pm 1 db. Power Output (IHFM) 30 watts, 15 watts per channel. Hum and Noise —70 db. Distortion less than 0.8%. Size 15Wx4 $\frac{3}{4}$ Hx10"D. Shpg. wt., 23 lbs.

21 A 6008WX (less case) NO MONEY DOWN Net 99.95
 21 A 6009W Leatherette metal case for LK-30. Shpg. wt., 2 lbs. Net 13.95

MODEL LT-111 STEREO TUNER KIT

All the features you want and need are included: "Time Switching" Multiplex circuitry, wide-band design, Sonic Monitor Stereo indicator, precision tuning indicator. New Compactron circuitry assures outstanding performance. Align-A-Scope lets you align each section of the tuner perfectly without special instruments. Frequency Response 30-15,000 cps. Sensitivity 3.5 μ v (IHFM). Channel Separation 30 db. Distortion 0.8%. Signal-to-Noise Ratio 55 db. Capture Ratio 6 db. Size: 15Wx4 $\frac{3}{4}$ Hx10"D. Shpg. wt., 13 lbs.

21 A 6007WX (less case) NO MONEY DOWN Net 109.95
 21 A 6009W Leatherette metal case for LT-111. Shpg. wt., 2 lbs. Net 13.95



LT-110

LK-72

MODEL LK-72 80-WATT STEREO AMPLIFIER KIT

An H. M. Scott masterpiece of kit engineering with radically new assembly features. Aluminum chassis and DC heated preamp filaments give low —80 db hum and noise. Frequency response 20 CPS to 20 KC \pm 1 db; harmonic distortion at full output 0.8%. IM distortion 0.3% (CCIF); IHFM power bandwidth 20 CPS to 20 KC; speaker output impedances 4, 8, 16 ohms. Front panel controls; Input selector (phono- or tape-head, Tuner, Extra); Equalization (HAB tape-head or RIAA record equalization); Stereo Selector (same as 299C); separate tone controls for channels A & B Stereo Balance; Derived Center Channel Lever Control; Loudness On-Off; Scratch Filter; Tape Monitor; Loudness Compensation. Matches LT-110 FM Tuner Kit in appearance and cabinet size. 15Wx4 $\frac{3}{4}$ Hx10"D.

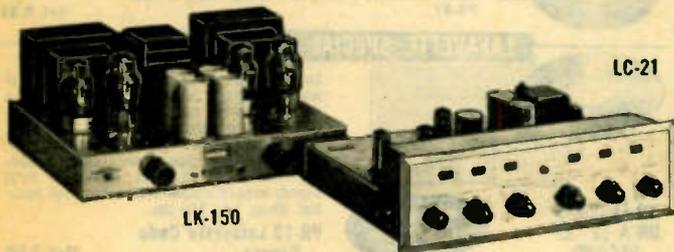
21 A 6001WX (less case) Shpg. wt., 35 lbs. NO MONEY DOWN Net 159.95
 21 A 6009W Shpg. wt., 2 lbs. Leatherette metal case for LK-72. LT-110 Net 13.95

MODEL LT-110 WIDE-BAND FM STEREO MULTIPLEX KIT

Both the Multiplex section and silver-plated front end are factory pre-assembled and pre-aligned. You need only align the tuner's wide-bandpass IF's and detector using the meter on the tuner itself. Sonic Monitor gives positive indication of FM Stereo broadcasting. Features Stereo Noise Filter, Vernier Tuning, Front Panel Tuning Meter, Stereo Tape Recorder Output. Sensitivity 1.0 μ v for 20 db quieting; 2.2 μ v IHFM usable. Frequency Response 30-15,000 cps. Signal-to-Noise Ratio 60 db. Uses 8 tubes, 11 diodes plus rectifier. Size: 15Wx4 $\frac{3}{4}$ Hx10"D. Shpg. wt., 20 lbs.

21 A 6002WX (less case) NO MONEY DOWN Net 159.95
 21 A 6009W Leatherette metal case for LT-110 Shpg. wt., 2 lbs. Net 13.95

SCOTT EASY TO BUILD STEREO KITS



LK-150

LC-21

LC-21 STEREO PREAMPLIFIER KIT

This preamplifier kit has all the control features of the LK-72 PLUS dual magnetic pickup switch; rumble as well as scratch filter; microphone equalization phase reverse and separate on/off; D.C. heated tubes. Frequency response: 8-50,000 cps \pm 1 db; distortion 0.1% at 2.5 volts output (perfect match for input sensitivity of LK-150 stereo power-amplifier). 15Wx4 $\frac{3}{4}$ Hx11 $\frac{1}{2}$ "D.

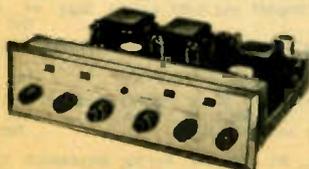
21 A 6004WX (less case) Shpg. wt., 10 lbs. Net 99.95
 21 A 6009W Leatherette Metal case for LC-21. Shpg. wt., 2 lbs. Net 13.95

LK-150 130-WATT STEREO POWER AMPLIFIER KIT

This remarkable stereo power amplifier is the perfect unit for the LC-21. Aluminum chassis and careful design for low —90 db hum; 6550 output tubes run at only 65 watts IHFM; power bandwidth from below 19 cps to 25 KC; harmonic distortion at full output less than 0.5%; IM distortion less than 0.5%; input sensitivity switchable from 2.5 volts (for LC-21) to 1.5 volts to permit use with virtually all preamplifiers. Has built-in meter for bias adjustments. Dimensions 14 $\frac{1}{2}$ Wx4 $\frac{3}{4}$ Hx 11 $\frac{1}{2}$ "D. Shpg. wt., 52 lbs.

21 A 6005WX NO MONEY DOWN Net 169.95
 21 A 6009W Leatherette Metal case for LK-150. Shpg. wt., 2 lbs. Net 13.95

LK-48 48-WATT STEREO AMPLIFIER KIT



The most remarkable kit value today — H. M. Scott quality at a nominal price. Has same controls as LK-72 except center channel output does not have front panel level control. Power output —24 watts per channel (IHFM); distortion at full output same as LK-72. IHFM Power bandwidth to 20 kc. DC heated preamp filaments and aluminum chassis for low —80 db hum and noise. Dimensions 15Wx4 $\frac{3}{4}$ Hx10"D.

21 A 6006WX (less case) Shpg. wt., 35 lbs. NO MONEY DOWN Net 124.95
 21 A 6009W Leatherette Metal case for LK-48, Shpg. wt., 2 lbs. Net 13.95

FISHER STRATAKITS

FISHER KM-60 FM STEREO TUNER KIT



A high quality FM Stereo multiplex tuner kit with famous Fisher features. Ultra-Sensitive Golden Cascade Front-End provides clear reception even from distant stations, exclusive Stereo Beam Instantly indicates whether or not a station is broadcasting in stereo, precision D'Arsonval tuning meter which is also used in alignment of IF and ratio detector sections.

pre-aligned front-end and multiplex section, 4 IF stages and 2 limiters. SPECS: Sensitivity 0.6 microvolts at 20 db quieting. Signal-to-noise ratio 70 db at 100% mod. Freq. response \pm 1 db 20-15,000 CPS. 11 Tubes 12 Diodes, Selenium rectifier. Complete with illustrated manual. Size 15 $\frac{1}{2}$ Wx4 $\frac{3}{4}$ Hx13"D.
 21 A 3624WX KM60 Kit Shpg. wt., 18 lbs. Less cabinet. Net 169.50
 21 A 3625WX KM61 Same as KM60 but factory wired & tested. Net 219.50
 21 A 3609W MC-2 Metal cabinet for KM-60 and KM-61 Shpg. wt., 9 lbs. Net 15.95

FISHER KX-200 80-WATT STEREO CONTROL AMPLIFIER KIT



Fisher engineers have developed a new concept of kit design known as StrataKIT. Major components are pre-mounted and wires are pre-cut. The KX-200 amplifier/preamp specifications are: 80 watts IHFM music power output; (35 watts RMS each channel) Harmonic distortion (at rated

output) 0.4%; IM Distortion (SMPTA, at rated output) 0.8%; Frequency response (overall 20-20,000 cps \pm 1 db—total hum and noise —80 db (450mv REF); Channel Separation at 1 KC better than 50 db. Tubes: 6-EC83, 4-7591, 2-SD95A, 2-SD91A. Built-in D'Arsonval calibration meter. For 117V, 60 cycles AC. Size: 15 $\frac{1}{2}$ Wx12 $\frac{1}{2}$ D x5 $\frac{1}{4}$ "H.

21 A 3626WX KX-200 Amplifier, less case. Shpg. wt., 30 lbs. Net 169.50
 21 A 3609W MC-2 Metal Cabinet for KX-200. Shpg. wt., 9 lbs. Net 15.95

FISHER KX-100 50-WATT STEREO MASTER AUDIO CONTROL AMPLIFIER



Front panel earphone jack. Newly designed Novak type No. 7868 output tubes. Features unique StrataKIT assembly design to eliminate possibility of error. Facilities for direct connection of center channel speaker. 14 front-panel controls, including sharp cut-off high-frequency filter. Tape Monitor. Loudness Control

switch. Tape and phono Equalization. 10 tubes. 2 Silicon rectifiers. Size: 15 $\frac{1}{2}$ Wx 12 $\frac{1}{2}$ Dx5 $\frac{1}{4}$ "H.
 21 A 3627WX Shpg. wt., 24 lbs. NO MONEY DOWN Net 129.50
 21 A 3609W MC-2 Metal Cabinet for KX-100 9 lbs. Net 15.95

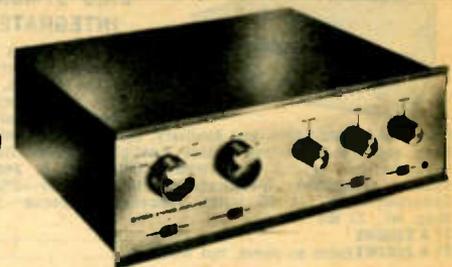
dynakit SUPERBLY ENGINEERED HI-FI KITS



NEW MODEL PAS-3 STEREO PREAMPLIFIER KIT

A renowned stereo preamp of outstanding flexibility (without complexity) to satisfy the stereo enthusiast. Ideal for use with high quality basic amplifier. Includes two independent high gain, low noise preamplifier-control channels. Inputs: 3 stereo low level and 4 stereo high level. Frequency response: ± 0.5 db 10-40,000 cps. Distortion: less than .05%. Noise: less than 2 μ v. equivalent noise input on RIAA. Gain: 60 db at 1000 cps on RIAA, 20 db on high level. Tubes: 4-12AX7/ECC-83, 12XA, selenium rectifier. For 110-120V., 50/60 cycles AC. Deluxe gold panel. Size: 13x8x4". Shpg. wt., 11 lbs.

- 21 A 2301WX PAS-3 Kit with deluxe gold panel Net 69.95
- DYNAKIT PAS-3A Wired with deluxe gold panel.
- 21 A 2302WX Shpg. wt., 11 lbs. Net 109.85

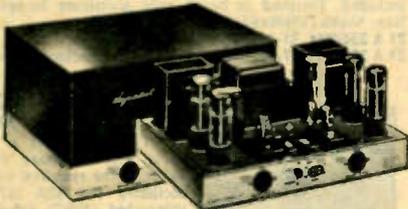


MODEL SCA-35 35-WATT STEREO INTEGRATED AMPLIFIER KIT

Combines a quality stereo preamplifier having full control flexibility with a 35-watt (continuous rating) stereo power amplifier. Dynakit's heavy duty etched circuit construction and straightforward design make assembly simple. Specifications: Inputs 7 pairs; outputs, tape, 8 and 16 ohm speaker outputs and precision for head-phone connection. Frequency Response: 20-20,000 cps ± 0.25 db., 1M Distortion, less than 1%. Hum and noise, 70 db below rated output. Controls: Input Selector, Volume, Bass, Treble, Stereo-Mono Switch, Loudness compensation switch, Filter switch, Power switch. For 112 V AC. Complete with case, deluxe gold panel. Size: 13x10x4. Shpg. wt., 20 lbs.

- 21 A 2317WX SCA-35 Kit with deluxe gold panel Net 99.95
- 21 A 2318WX SCA-35 Wired with deluxe gold panel Net 139.95

"STEREO 70" 70-WATT BASIC AMPLIFIER KIT



Meets the need of the discriminating listener. The center of your system, the stereo 70 features firm bass, and smooth natural highs. Patented DYNACO printed circuitry and transformers give you top reliability... ease of assembly. It delivers 35-watts per channel, for a full 70-watts of stereo output. Frequency response: ± 0.5 db from 10 cps to 40,000 cycles. 1M distortion: less than 1% at 35 watts. Sensitivity 1.3 volts rms input for 35 watts output. Hum and Noise: better than 90 db below rated output. Output impedance: 4, 8 and 16 ohms. Nickel-finished chassis; vinyl-coated charcoal brown cover. For 110-120V 50/60 cycles AC. Size 9Wx6 1/2 Hx 13"D. Shpg. wt., 32 lbs.

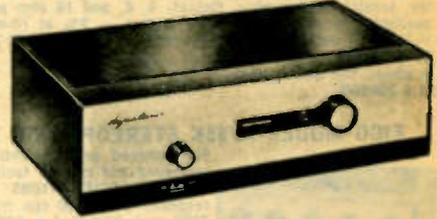
- 21 A 2303WX Stereo 70/A Kit Net 99.95
- 21 A 2304WX Stereo 70/A Wired Net 129.85

"STEREO 35" 35-WATT BASIC AMPLIFIER KIT (NOT ILLUSTRATED)

Offers traditional DYNACO quality. Ideal match for PAS-2A preamp. Freq. Response: ± 1 db 10-40,000 cps. With case. Size: 13Wx4Hx5 1/2"D. For 110-120V 50/60 cycles AC. Shpg. wt., 16 lbs.

- 21 A 2313WX Kit Net 59.95
- 21 A 2316WX Wired Net 79.95

MODEL FM-1/A DYNATUNER FM TUNER KIT



The "Dynatuner" meets the important specifications necessary for top performance in near or fringe areas. Can be completely aligned without the need for auxiliary equipment or instruments — using only the built-in tuner indicator. Designed for maximum linearity and stability of operation—yet has high sensitivity. Tuned RF input provides 4 microvolt (1HF) sensitivity and excellent rejection of spurious signals. 1M DISTORTION: less than 0.5%. 7 tubes plus rectifier, tuning eye and 2 diodes. POWER REQUIREMENTS: 110-120V. AC. 60 cps. 13x4x8". Shpg. wt., 12 lbs.

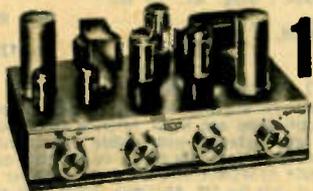
- 21 A 2305WX FMX-3 MULTIPLEX ADAPTER KIT
Converts FM-1 to a complete high quality stereo tuner. Net 29.95
- 21 A 2351 Shpg. wt., 2 lbs. Net 29.95
- FM-3/A Stereomatic FM Multiplex Tuner with Deluxe Gold Panel.
Model FM-1 Tuner and Model FMX-3 Multiplex Adapter completely assembled, wired and tested to give a complete FM multiplex tuner. Shpg. wt., 14 lbs.
- 21 A 2308WX Net 169.95

OTHER DYNAKIT HI-FI COMPONENTS

- 21 A 2313WX Mark IV Kit Shpg. wt., 20 lbs. Net 59.95
- 21 A 2314WX Mark IV/A Wired Net 79.95
- 21 A 2352 PAM-1K Kit Shpg. wt., 7 lbs. Net 34.95
- 21 A 2353 PAM-1/A Wired Net 59.95

NEW LOW PRICE QUALITY HI-FI AMPLIFIER KITS

NEW! 12-WATT HI-FI AMPLIFIER KIT BUILT-IN PRE-AMPLIFIER



1950

- DESIGNED FOR EASY ASSEMBLY
- FOR MONAURAL OR AS AMPLIFIER FOR SECOND STEREO

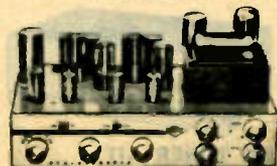
This new High Fidelity WILLIAMSON type 12-Watt Amplifier with built-in pre-amplifier offers a combination of outstanding features in an amplifier at Lafayette's Low-Low Price.

FEATURES

Separate full-range bass boost and treble controls. 4, 8 and 16 ohms speaker voice coil output. Amplifier, pre-amplifier and power supply laid out on single open pre-punched chassis for the easiest construction. 4 input connections located at rear of chassis for magnetic phono or tape, crystal phono, tuner/radio, and mike or auxiliary. Auxiliary power receptacle in rear controlled by power switch. Self-balance phase inverter system and full range tone control amplifier. Inverse feedback circuit. Removable front panel for professional appearance in custom installations. Amplifier can be used with electric guitar, etc., or in a Public Address System. Frequency Response: 1 db 20 to 20,000 cycles. Distortion: 1% at rated output. Hum: Tuner/Crystal Phono 80 db below 12 watts. Magnetic Phono/Tape 60 db below 12 watts. Sensitivity: Magnetic Phono/Tape 3mv. Crystal phono 0.5 volt. Tuner/Radio 0.5 volt. 4 Controls: Function, Loudness, Bass, Treble/Power Switch. Tube Complement: 12AX7/ECC83 Preamp; 12AT7 Phase Inverter; Tone Control Amplifier; 2-6V6 Push-pull Beam Power Amplifier; 1 Rectifier. Complete with 24-page exceptionally simple and clear instruction book complete with diagrams, illustrations, and step-by-step construction details. Baked Hammetone, Golden Brown Finish Chassis. 11Wx7Dx5 1/2"H. Shpg. wt., 11 lbs. Power Consumption 55 watts; 117 VAC; 50-60 cycles.

- KT-255 Net 19.50

NEW! STEREO 30-WATT WILLIAMSON TYPE DUAL AMPLIFIER/PREAMPLIFIER KIT



36⁵⁰

NO MONEY DOWN

- A Complete Stereo Control Center
- 15 Watts Each Channel, 30 Watts Monaural
- Easy To Build
- Superb Styling
- Designed for Accurate and Rapid Construction

All-New Stereophonic 30-Watt Williamson Type Dual Amplifier/Preamplifier Kit offering Styling, Features and Specifications Available at Lafayette's Low-Low Price.

FEATURES:

Stereo inputs for Tape/Low Level Phono, High Level Phono, FM/AM Tuner, High Level Tape/Auxiliary. Dual tape outputs. Output Impedances: 4, 8, and 16 ohms. 3rd channel output. Equalization: (Tape) NAB; (Phono) RIAA. Two AC convenience receptacles in rear controlled by power switch. Separate full-range bass boost and treble controls for each channel. Frequency Response: ± 1 db 20 to 20,000 cps. Distortion: Less than 1% harmonic distortion. Hum: Tuner/Hi Phono/Aux. 70 db below 15 watts. Low Phono 60 db below 15 watts. Tape 55 db below 15 watts. 9 Front Panel Controls: Function, Loudness, Balance, Treble A/Off, Treble B, Bass A, Bass B, Equalization, Mode. Tubes: 2-12AX7/ECC83, 2-12AT7/ECC81, 4-7408, 1-5U4. Operates on 117 volts, 50-60 cps AC @ 125 watts. Baked Hammetone, Golden Brown Finish Chassis. Complete with "Foolproof" instruction book having diagrams, illustrations and step-by-step construction details. Size: 14Wx6Hx8"D. Shpg. wt., 18 lbs.

- KT-256 Net 36.50

EICO KITS—BUILD YOUR OWN AND SAVE MONEY



EICO ST-40K 40-WATT STEREO INTEGRATED AMPLIFIER KIT

The ST-40 contains 2 twenty watt amplifiers and a complete stereophonic hi-fi control center on one chassis. FEATURES: Switched sets of stereo inputs including magnetic phono (2), tape head, preamplified tape, FM-AM stereo tuner, FM-FM Multiplex, and Auxiliary. Balance Check switch. Loudness/level switch. Bass and treble controls. Other controls include: Six position mode selector, tape monitor, scratch and rumble. Output 4, 8, and 16 ohm. Third channel speaker connection. Specifications: IM distortion—2% at 40 watts; Harmonic Distortion—1/2% at 40 watts; Frequency response—± 1/2 db. 20-20,000 cps. Shpg. wt., 27 lbs.

21 A 2506WX

21 A 2507WX Same as above, but wired

Net 79.95

Net 129.95



EICO ST-97 FM STEREO TUNER KIT

Quality FM Stereo Tuner with built-in multiplex circuitry. Employs pre-wired and pre-aligned front end, IF strip and wide-band ratio detector. Features AFC with defeat. Cathode follower driven. Slide-rule tuning with tuning indicator. Stereo indicating pilot lamp, automatically lit by stereo pilot carrier.

Controls: Tuning, Separation, AFC on-off, stereo-mono, and power on-off switches. SPECIFICATIONS: IHFM Sensitivity: 3µV (1.5µV for 20 db quieting); IHFM S/N Ratio: 55 db; Harmonic Distortion 0.6%; IHFM IM Distortion 0.2%; IHFM capture ratio; 3 db; Drift; 0.2% without AFC; 5 to 1 correction with AFC. Frequency Response ±1 db 20 cps — 15 KC; Channel Separation 30 db. Size: HWD — 5 1/4x15 7/8x1 1/8". Shpg. wt., 17 lbs.

21 A 2501WX FM Tuner Kit

21 A 2502WX FM Tuner Same as above, but Factory wired

Net 99.95

Net 149.95



EICO ST-70K 70 WATT STEREO INTEGRATED AMPLIFIER KIT

Consists of 2-35 watt amplifiers and a complete stereophonic hi-fi control center on one chassis. Stereo inputs in switched sets including: 2 magnetic phono (one for turntable, one for changer); tape head, preamplified tape, FM-AM stereo tuner, FM-FM Multiplex, and Auxiliary. Controls: Level with balance check switch and loudness/level switch; bass, treble, six-position mode selector, blend, tape speed, tape monitor, scratch, and rumble. Output: 4, 8, and 16 ohm speaker. Third channel output available. Specifications: IM distortion — 2% at 70-watts. Harmonic Distortion — 1/2% at 70 watts. Frequency response — ± 1/2 db, 20-20,000 cps. Shpg. wt., 35 lbs.

Multiplex, and Auxiliary. Controls: Level with balance check switch and loudness/level switch; bass, treble, six-position mode selector, blend, tape speed, tape monitor, scratch, and rumble. Output: 4, 8, and 16 ohm speaker. Third channel output available. Specifications: IM distortion — 2% at 70-watts. Harmonic Distortion — 1/2% at 70 watts. Frequency response — ± 1/2 db, 20-20,000 cps. Shpg. wt., 35 lbs.

21 A 2508WX

As above, but factory wired

21 A 2509WX

Net 99.95

Net 149.95



EICO ST-84 STEREO PREAMPLIFIER

A comprehensive self-powered stereo preamplifier which features 0.05% distortion or less on all basic functions (mag phono, tuner, tape). Input and mode selectors each have seven positions each for maximum flexibility. Independent bass and treble controls provide true variable crossover control to boost or cut. Tape recorder outputs are not affected by controls. Has high and low frequency filtering. Tape Speed equalization and monitor switches for top tape control flexibility. Also includes level, and balance controls and a loudness switch. Frequency Response is 0.3 db from 5 to 25,000 CPS. Hum and noise is —65db for low level inputs and —75db for high level inputs. RIAA phono equalization and NARTB for Tape. Tube Complement five 12AX7/ECC83 plus one 6X4. Metal cover is included. Finished in brush gold aluminum faceplate with brown accenting band. Size: 5 1/2Hx15 7/8Wx8 3/4D.

21 A 2504WX ST-84 Kit

21 A 2505WX ST-84 Same as above, but Factory wired

Net 59.95

Net 89.95

EICO MODEL HF85K STEREOPHONIC DUAL PREAMP KIT

Self-powered preamp-control center offering complete switching and control facilities for any stereo program source. SPECIFICATIONS (both channels): Frequency response 5-200,000 cps ± 0.3 db; IM distortion (60 & 7000 cps) .03% @ 1 v. RMS output; Harmonic distortion (20-20,000 cps) .1% @ 3 v. RMS output; Tone-control range ± 15 db @ 50 and 10,000 cps; RIAA phono and NARTB tape head (15, 7.5, and 3.75 ips) equalization; Output-to-main amplifier impedance, 8000 ohms. Tubes: 5-12AX7/ECC83's, 1-6X4.



Size: 3 1/2" high, 12" wide, 8 1/4" deep. Shpg. wt., 10 lbs. Cover supplied. HF85K Stereo Dual Preamp Kit.

21 A 2559

HF85 Same, Factory wired and tested

21 A 2560

Net 39.95

Net 64.95

EICO MODEL AF-4K COMPLETE STEREOPHONIC DUAL AMPLIFIER KIT

Model AF-4K utilizes a 27db feedback level to help lower harmonic and intermodulation distortion. Independent, concentric level and tone controls. SPECIFICATIONS: FREQUENCY RESPONSE: ± 0.5db 30-20,000 cps. HARMONIC DISTORTION: less than 1% at 4 watts. SENSITIVITY (for 4W. output/channel): .26V (phono) .113V (other inputs). HUM: 74db below full output. SPEAKER CONNECTIONS: 4, 8, 16, 32 ohms. TUBE COMPLEMENT: 2-12DW7, 2-EL84, 1-EZ81. 3 3/8x12x8 1/4". Shpg. wt., 13 lbs.



21 A 2561

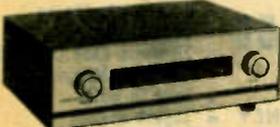
AF-4 Same as above, but factory wired.

21 A 2562

Net 38.95

Net 64.95

2 NEW QUALITY MONAURAL KITS



EICO MODEL HFT-90AK FM TUNER KIT

Factory pre-wired and pre-aligned front end. Pre-wired tuning eye assembly. Features "traveling" tuning indicator, fly-wheel tuning and AGC. SENSITIVITY: 1.5 µv for 20 db quieting; 2.5 µv for 30db quieting; full limiting from 25 µv. OUTPUTS: Cathode follower and multiplex. HUM: 60db below 1 volt. For 110-120 volts AC, 50-60 cycles. Complete with Instructions. 12x8 1/4x3 3/8". Shpg. wt., 10 lbs.

21 A 2554 Kit

HFT-90A Same as above, but factory wired

21 A 2555

E-3A Cover for HFT-90A Shpg. wt., 3 lbs.

21 A 2556

Net 44.95

Net 69.95

Net 3.95

NEW EICO MODEL HF-12A 18-WATT INTEGRATED AMPLIFIER

Compact, attractively styled amplifier with complete front end facilities and true high fidelity performance. Power output: 18 watts continuous, 36 watts peak. Intermodulation distortion 1.5% at 18 watts, 0.55% at 9 watts, 60 to 6000 cps. Frequency response 12-50,000 cps ± 0.5 db at 1 watt; 25-20,000 cps ± 0.5 db at 18 watts. For 16, 8, and 4 ohms. For 110-120 v, 50/60 cps. AC. Size: 3Hx12Wx8 1/4D. Shpg. wt., 13 lbs. With Instructions.

21 A 2552 Kit

HF-12A As above, but factory wired.

21 A 2553

Net 39.95

Net 59.95



EICO MX-99 FM MULTIPLEX ADAPTER

The EICO MX-99 is a self-powered multiplex adapter. It is free of phase distorting Filters and meets or exceeds the required suppression of all spurious signals including the SCA (67KC) background music carrier, reinserted (38KC) sub-carrier, the (19KC) pilot carrier and all harmonics thereof. This factor is very important for high quality stereo tape recording. This adapter will synchronize with any usable output from the FM tuner. Provides automatic stereo-monophonic operation and includes low impedance cathode follower outputs. An indicator lamp turns on when a station is broadcasting multiplex stereo. It can achieve channel separation of 35db. The MX-99 is designed for all EICO FM equipment (HFT-90, HFT-92, ST-96), and any other component quality ratio detector FM tuners provided with a multiplex output. Size: 9 1/2Hx6 3/8Dx3 3/8"H. Shpg. wt., 7 lbs.

21 A 2557 Kit

21 A 2558 Factory wired and tested

39.95

64.95

EICO ST-96K FM-AM STEREO TUNER KIT

Features pre-wired, pre-aligned FM front end, FM and AM IF strips. SPECIFICATIONS: SENSITIVITY: (FM) 1.5 uv for 20 db quieting; (AM) 3uv for 1.0v average output at 20 db S/N ratio. SELECTIVITY: (FM) 250 Kc. IF bandwidth (6db down); (AM) overall IF bandwidth of 18KC at "broad bandwidth" 9KC at "narrow bandwidth." FREQUENCY RESPONSE: (FM) 20-15,000 cps ± 1db; (AM) 20-9,000 cps on "wide bandwidth," 20-4500 cps on "narrow bandwidth." IMAGE REJECTION: (FM) 40db; (AM) 60db; HUM LEVEL: 60db down; DRIFT: (FM) less than 2 parts in 10,000 from cold start; (AM) negligible. OUTPUT LEVEL: (FM) 2.5v for 100% mod. (AM) 1.0v average. POWER REQUIREMENTS: 117 volts AC, 60 cps. 15 1/2x5 1/4". Shpg. wt., 19 lbs.

21 A 2512WX

Model ST-96 Same as above, but factory wired.

21 A 2513WX

Net 89.95

Net 129.95

EICO HFT-92K HI-FI FM/AM TUNER KIT

Pre-wired and pre-aligned, the FM section employs full-wave rectification and heavy filtering for stability. Broad-band ratio detector with stable low threshold limiting provides a sensitivity of 1.5 uv for 20db quieting. FREQUENCY RESPONSE: 20-20,000 cps ± 1db for FM, 20-5000 cps ± 3db for AM. ANTENNA INPUT: 300 ohms FM. Ferrite Rod for AM. POWER REQUIREMENTS: 117 volts AC, 60 cps. 3 3/8x12x8 1/4". Shpg. wt., 12 lbs.

21 A 2510WX

Model HFT-92 Same as above, but factory wired.

21 A 2511WX

net 59.95

Net 94.95

EICO HFT-94K HI-FI AM TUNER KIT

The new HFT94K is a basic AM tuner kit designed for hi-fi applications. Features include: slide-rule dial, fly wheel tuning low inter-station noise, tuned RF stage, built-in ferrite loop antenna, pre-wired travelling eye indicator and pre-aligned RF & IF coils. SPECIFICATIONS: SENSITIVITY: 3uv at 30% mod. for 1v output. SELECTIVITY: (wideband) 14KC bandpass; (narrow band) 7KC bandpass. FREQUENCY RESPONSE: 20-9000 cps (wide), 20-5000 cps (narrow) OUTPUT: low impedance plate follower. Extra recording output. POWER REQUIREMENTS: 110-125 volts AC, 60 cps. 3 3/8x12x8 1/4". Shpg. wt., 12 lbs.

21 A 2563

HFT94 Same as above, but factory wired.

21 A 2564

Net 39.95

Net 65.95

NEW! EICO CLASSIC HI-FI SERIES



A COMPLETE FM STEREO MUSIC SYSTEM

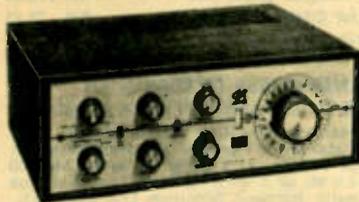
FACTORY WIRED AND TESTED —NOT A KIT

MODEL 2510 COMPLETE 10-WATT FM STEREO TUNER/AMPLIFIER SPEAKER SYSTEM

A truly deluxe FM stereo system from EICO ready to be hooked up and enjoyed the moment you unpack it. The FM tuner/Amplifier features: precise rotary tuning dial, 4-position input selector and stereo check switch for instant stereo program identification. 3 μ v (IHFM) usable sensitivity. S/N ratio 55 db wide band design. 10-watt stereo amplifier has low distortion. Frequency Response 20-40,000 cps. Inputs: Ceramic/crystal phono, tape, auxiliary. Noise: —80 db. Extruded Aluminum panel. For 115V AC, 60 cycles. Size 15 $\frac{1}{2}$ "Wx5 $\frac{1}{2}$ "Hx12"D. Speaker Systems—Each include: 6 $\frac{1}{2}$ " woofer/mid-range, matched 2" tweeter and cross-over network. Provides rich, clear sound. Oil walnut cabinet with picture frame molding. Only 12x18x5 $\frac{1}{4}$ "D. For shelf or wall mounting. Imped. 8 ohms. Response: 60-15,000 cps. Shpg. wt. 21 A 2514WX Model 2510 Less Tuner/Amp cover **Net 199.95**

DELUXE CLASSIC COMPONENTS KIT AND WIRED

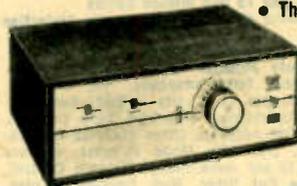
MODEL 2536 FM STEREO RECEIVER SEMI-KIT Critical Circuits Pre-aligned



A complete 36-watt stereo amplifier and superb FM stereo tuner on one compact chassis. High quality materials are used throughout which will result in years of trouble-free listening pleasure. Features ready-to-use component assemblies both prewired and prealigned for ease of construction and best performance. Other features include, precise rotary tuning dial, bar-type electron-ray tuning indicator and stereo defeat switch. Amplifier output: 36-watt (IHFM music power); Harmonic distortion: 0.5% at 10 W per channel, 1M distortion 0.25% at 1-watt. Separate hum balance and Bass and Treble controls for each channel. Balance control; Blend; Tape Monitor switch and Tape Output. 4 Inputs. Tuner; 3 μ v IHFM useable sensitivity; audio bandwidth: flat to 53 KC; Channel separation, 30 db. Extruded aluminum panel matches other classic units. For 115V 60 cycles AC. Size: 15 $\frac{1}{2}$ "Wx5 $\frac{1}{2}$ "Hx13 $\frac{1}{2}$ "D. Shpg. wt., 25 lbs. **21 A 2515WX Model 2536 Semi-Kit Net 154.95**
21 A 2516WX Above, wired and tested Net 209.95

MODEL 2200 FM STEREO TUNER SEMI-KIT

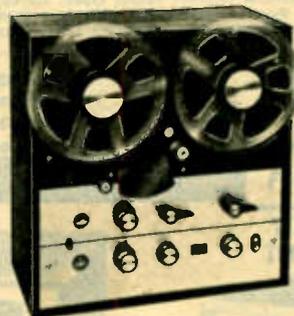
• The Completed Kit Does Not Require Alignment



A new aristocrat in Kit Tuners, the Model 2200 features ease of construction, with reliability and simplicity of operation. Some of its many features include: Pre-wired and pre-aligned front-end and 4 stage IF strip. A high quality circuit board is provided for the stereo demodulator circuit, and the coils supplied are prealigned. The completed kit does not require alignment or adjustments. Precise rotary tuning dial with illuminated numerals; bar-type electron-ray tuning indicator; stereo defeat switch to eliminate sub-carrier interference. Superb decorator styling with extruded aluminum panel, brushed silver on upper half and pale gold on lower half. Usable sensitivity: 3 μ v (IHFM); audio bandwidth: flat to 53 KC, S/N ratio .55 db; harmonic dist., 0.6% (IHFM) 9 tubes plus rectifier and tuning eye. Size: 15 $\frac{1}{2}$ "Wx5 $\frac{1}{2}$ "Hx11 $\frac{1}{2}$ "D. Less cabinet. For 115V 60 cycles AC. Shpg. wt., 12 lbs. **21 A 2518WX Model 2200 Semi-Kit Net 92.50**
21 A 2519WX Above, factory wired & tested Net 119.95

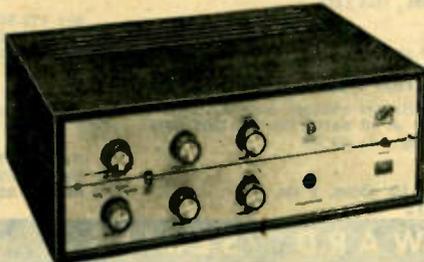
MODEL 2400 4-TRACK STEREO TAPE DECK KIT

- Records: 4-Track Stereo, 4 Track Mono
- Plays: 4-Track Stereo, 2 and 4 track Mono



For top high-fidelity performance... Model 2400's many professional features include: a 3-motor tape transport with electrolytic braking; full record and play-back equalization on both 7 $\frac{1}{2}$ and 3 $\frac{3}{4}$ ips tape speeds; mixing, mic and line level controls; fast-acting electron-ray tube level indicators, digital turns counter and automatic end-of-tape stop switch. Easy to assemble components. Speeds: 7 $\frac{1}{2}$ and 3 $\frac{3}{4}$ ips; Reel Size, 7-inches; Heads: 4-track erase and 4-track record/play; Signal-to-noise ratio: 45 db; Response: \pm 3 db 30-17,000 cps @ 7 $\frac{1}{2}$ ips, \pm 3 db 30-12,000 cps @ 3 $\frac{3}{4}$ ips; wow and flutter: under 0.2% @ 7 $\frac{1}{2}$ ips, under 0.3 @ 3 $\frac{3}{4}$ ips. Size 12 $\frac{1}{2}$ "Wx12 $\frac{3}{4}$ "Hx6 $\frac{1}{2}$ "D. Shpg. wt., 25 lbs. **RK-445WX Model 2400 Kit Net 199.95**
RK-446WX Above, factory wired and tested Net 269.95

MODEL 2036 STEREO AMPLIFIER KIT



A deluxe amplifier kit beautifully styled and completely stable with any speaker system. Has excellent overload, transient, and regulation characteristics. Easy to build with all parts operating well within ratings. Features Speaker System selector switch that permits selection between 2 different pairs of speaker systems. Power: 36 watts (IHFM music); Intermodulation distortion: 2% at 14-watts, 0.7% at 5-watts; Harmonic distortion: 0.6% at 10-watts, 0.2% at 1-watt; Frequency Response: \pm 1 db 15-40,000 cps, Noise —65 db on phono, —80 db others; inputs: magnetic phono or adapted ceramic phono, tuner, tape, auxiliary; Speaker output 8-16 ohms. Extruded aluminum panel, brushed silver on upper half, brushed pale gold, lower half. Size: 15 $\frac{1}{2}$ "Wx5 $\frac{1}{2}$ "Hx11 $\frac{1}{2}$ "D. For 115V 60 cycles AC. Shpg. wt., 21 lbs. Less Cabinet. **21 A 2521WX Model 2036 Kit Net 79.95**
21 A 2522WX Above, Factory Wired and Tested Net 109.95

MODEL 2050 50-WATT STEREO AMPLIFIER (Not Illustrated)

Matching the appearance and performance of the Classic Tuner, the 2050 stereo amplifier serves as the "heart" of a quality home music system. In addition to the classic series common amplifier circuits and controls, it provides a 12 db octave switched high frequency filter, a speaker system switch that permits selection between different pairs of speaker systems and a headphone jack. Power output: 50-watts (IHFM Music); Intermodulation distortion: 0.5% at 17-watts, 0.3% at 5-watts; Frequency Response: \pm 1 db 10 cps —40,000 cps; Noise: —65 db phono, —80 db others; inputs: magnetic phono or adapted ceramic phono, tuner, tape, auxiliary. Decorator styled extruded aluminum panel-brushed silver, upper half, brushed pale gold, lower half. Size: 15 $\frac{1}{2}$ "Wx5 $\frac{1}{2}$ "Hx11 $\frac{1}{2}$ "D. For 115V 60 cycles AC. Shpg. wt., 25 lbs. **21 A 2523WX Model 2050 Kit Net 92.50**
21 A 2524WX Above, Factory Wired and Tested Net 129.95

ENCLOSURES FOR NEW CLASSIC SERIES

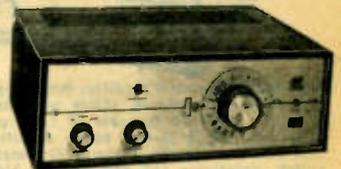
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| 21 A 2527W E11 Metal Cover For 2200, 2036, 2510, 2715, 2716. Shpg. wt., 3 lbs. | Net 7.50 |
| 21 A 2528W E12 Metal Cover For 2536. Shpg. wt., 3 lbs. | Net 7.50 |
| 21 A 2529W WE72 Oil Walnut Wooden Encl. For 2200, 2036, 2510, 2715, 2716. Shpg. wt., 6 lbs. | Net 19.95 |
| 21 A 2530W WE73 Oil Walnut Wooden Encl. For 2536. Shpg. wt., 6 lbs. | Net 19.95 |

TWO NEW EICO FM MONO RECEIVERS

- Produces Excellent FM Programming For Offices, Waiting Rooms, Stores, Restaurants, Etc.

AS LOW AS **12995**

MODEL 2715
MODEL 2716
FACTORY WIRED AND TESTED ONLY



MODEL 2715 Employs Classic Series FM front end and 4 stage IF strip plus an 18-watt (IHFM music Power) amplifier for glorious high fidelity sound. Provides ceramic phono and tape inputs; precision rotary tuning dial and bar-type electron-ray tuning indicator. Tuner Response: \pm 1 db 20-15,000 cps Sensitivity: 3 μ v (30 db quieting); Amplifier: Intermodulation distortion, 2% @ 14-watts; Harmonic distortion, 0.6% @ 10-watts, 0.2% @ 1-watt. Response: \pm 1db 15-40,000 cps; Noise —80 db on phono, tape. 8 tubes plus tuning eye and GZ-34 rectifier. Size: 15 $\frac{1}{2}$ "x5 $\frac{1}{2}$ "x11 $\frac{1}{2}$ "D. Less Case. For 115 volts, 60 cps AC. Shpg. wt., 17 lbs. **21 A 2525WX Model 2715 Wired only Net 129.95**
MODEL 2716, FM Mono 18-watt Receiver with Paging Facility. Same as Model 2715 but with microphone stage and relay for paging or other public address uses. 115V, 60 cycles AC. 15 $\frac{1}{2}$ "Wx5 $\frac{1}{2}$ "Hx11 $\frac{1}{2}$ "D. Shpg. wt., 17 lbs. **21 A 2526WX Model 2716 wired only Net 149.50**

WORLD FAMOUS LINE OF CITATION HI-FI KITS

CITATION "A" STEREPHONIC PREAMPLIFIER CONTROL CENTER



- Freq. Response—One To One Million Cycles Per Second, ± 0 — $\frac{1}{4}$ db • No Measurable Distortion

An advanced professional-type 33 transistor preamplifier which meets the requirements of audio perfectionists. Uses heavy duty modular construction for both strength and ease of assembly. Specifications: freq. response: ± 0 , — $\frac{1}{4}$ db 1 cps to 1 mc.; harmonic distortion unmeasurable at 2-volts output; hum and noise, 70 db below rated output at 5 mv.; Professional Step-type Tone controls for each channel electrically out of circuit in flat position. Other controls include: 2-power switches, 6-position Function switch, 5-position Mode selector; variable Blend control, separate Turnover and Roll-off, to set individually; Balance Control, Contour Switch. Channel Reverse switch; Low Cut Filter, High frequency Filter, Tape Monitor switch; Center Channel output, stereo Headphone jack, and push-button Selector switch. Four switched AC convenience outlets. Brown and gold panel. Size: $14\frac{1}{2} \times 5\frac{1}{2} \times 7$ " D. For 110-120 volts, 50/60 cycles AC. Shpg. wt., 30 lbs., less case.

- 21 A 4202WX Kit Net 269.95
- 21 A 4203WX Above, Wired Net 350.00
- 21 A 4236W WCA Walnut Case, wt., 3 lbs. Net 19.95



HARMAN-KARDON CITATION I KIT Stereo Preamplifier Control Center

A high quality stereo-monaural preamp control unit. Inputs: 12 (six pairs) — Aux, Tape Amp, Tuner, low-level phono, high-level phono. Outputs: 5-Two main preamp outputs plus a third channel output, two tape outputs for recording. Mode selector chooses output types: stereo, mono, and center channel. Response: $\pm 0.05\%$ at 2 volts. DISTORTION: Less than 0.05% at 2 volts. RESPONSE: $\pm .5$ db 5-80,000 cps. Tubes: 9-ECC83/12AX7 plus silicon rect. POWER REQUIREMENTS: 110V AC, SIZE: $14\frac{1}{2} \times 5\frac{1}{2} \times 7$ " D. Shpg. wt., 20 lbs. Gold & Charcoal brown finish.

- 21 A 4204WX Kit No Money Down Net 159.95
- 21 A 4205WX Wired Net 249.95
- 21 A 4224W Walnut Enclosure Net 29.95

CITATION III X FM STEREO TUNER KIT



Famous Citation tuner III now has built-in multiplex. Outstanding sensitivity is featured with a completely assembled and prealigned front end and converting IF sections. Maximum selectivity is assured by Nuvistor Front end followed by three wide band IF stages. Sensitivity 0.65 microvolts for 20db quieting. Frequency response \pm

- 0.5db, 1-52,000 CPS; Dual cascaded gated beam limiters; Foster-Seeley discriminator Selectivity: 240 kc bandwidth, 6db down. Hum: 65db below 100% modulation. Stereo Separation, —30db at 10-15,000 CPS. $6 \times 14\frac{1}{2} \times 12\frac{1}{4}$ " D. For 110-120V AC. Shpg. wt., 40 lbs.
- 21 A 4208WX Citation III X Stereo Tuner Kit Net 230.00
- 21 A 4209WX Citation III X Stereo Tuner wired Net 315.00
- 21 A 4210WX Citation III FM Tuner Kit with multiplex output jack. Shpg. wt., 32 lbs. Net 149.95
- 21 A 4211WX Citation III wired with Multiplex output jack Net 229.95
- 21 A 4224W WC1 walnut enclosure for Citation III and III X Net 29.95
- 21 A 4212WX Citation III MA FM Stereo Adapter wired. Shpg. wt., 3 lbs. Net 79.95



HARMAN-KARDON CITATION II KIT 120 Watt Stereophonic Hi-Fi Power Amplifier

Two ultra-linear type amplifiers deliver 60 watts each channel or a total of 120 monaural. Frequency Response: 18-40,000 cps ± 0 to —1.0 db @ 60 watts, 2-80,000 cps ± 0 —1.0 db @ 1 watt; IM Distortion: Less than .5% @ 60 watts, Harmonic Distortion: Less than 0.5%, 4-Silicon Diodes & 1 Selenium rect. Dimensions: $16\frac{1}{2} \times 9 \times 11\frac{1}{2}$ " D. Charcoal Brown & Gold Finish. Shpg. wt., 60 lbs.

- 21 A 4206WX Kit NO MONEY DOWN Net 179.95
- 21 A 4207WX Wired Net 249.95
- 21 A 4225W Charcoal Brown Metal Enclosure Net 7.95

HARMAN-KARDON CITATION IV STEREO PREAMPLIFIER KIT

A compact stereo preamp with many features of CITATION I. Response: $\pm \frac{1}{2}$ db 5-80,000 cps. Distortion: .05% at 2 volts. For 110-120V AC, 50/60 cycles. Size: $14\frac{1}{2} \times 11\frac{1}{2} \times 5\frac{1}{2}$ " D. Shpg. wt., 20 lbs., less case.

- 21 A 4213WX Kit Net 119.95
- 21 A 4214WX Above, Wired Net 189.95
- 21 A 4224K Walnut case for above, 3 lbs. Net 39.95

HARMAN-KARDON CITATION V BASIC STEREO POWER AMPLIFIER KIT

Conservatively rated at 40 watts per channel, with 80 watts stereo output. Less than 0.5% harmonic distortion at 40 watts. For 110-120V 50/60 cycles. AC. Size: $13\frac{1}{2} \times 5\frac{1}{2} \times 11\frac{1}{4}$ " D. Less case. Shpg. wt., 40 lbs.

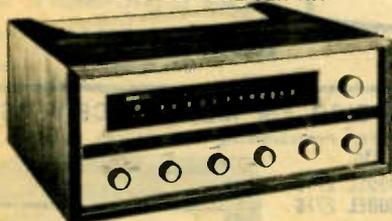
- 21 A 4215WX Kit Net 119.95
- 21 A 4216WX Above, Wired Net 179.95
- 21 A 4217W ACV Metal Case for above, 2 lbs. Net 7.95

UP TO 24 MONTHS TO PAY SEE PAGE 412

harman kardon

HI-FI STEREO AWARD SERIES

MODEL FA30XK 30-WATT FM STEREO RECEIVER KIT

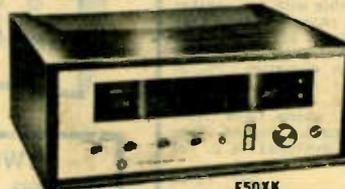


Full input and control facilities make this a highly flexible unit. Incorporates a sensitive, stable wide-band FM multiplex tuner especially designed for ease of construction. FM stereo indicator light. Solid 30-watt power amplifier. 6 stereo inputs, 2 tape recorder outputs. Features illuminated push-button on/off switch, defeatable AFC and variable blend control. Specifications: Audio: 15 watts per channel (music power), Frequency response: 15-70,000 cps ± 1 db, ganged bass and treble tone controls, Tuner: sensitivity 3.5 microvolts (IHFM) Less than $\frac{1}{2}\%$ distortion. Easy to build instruction book and functional packaging. For 110-120V 50/60 cycles AC. Size: $15\frac{1}{4} \times 5\frac{1}{2} \times 11\frac{1}{2}$ " D. Shpg. wt., 35 lbs.

- 21 A 4201WX Kit Net 169.95

ENCLOSURES FOR AWARD SERIES KITS

Stock No.	Model No.	Finish	Use For	Wt.	Net
21 A 4220WX	WW50	Walnut	A30K, A50K F50XK	5 lbs.	29.95
21 A 4221WX	CX50	Metal	Same as above	2 $\frac{1}{2}$ lbs.	12.95
21 A 4222W	CX80	Metal	FA30XK	4 lbs.	12.95
21 A 4223WX	WW80	Walnut	FA30XK	5 lbs.	29.95



F50XK

MODEL F50XK FM STEREO MULTIPLEX TUNER KIT

Model F50XK is a special wide-band audio output circuitry, 3 IF stages, and triode grounded grid RF stage provide extended sensitivity and Freq. response. Sensitivity. IHFM 2.8 μ v @ 20 db S/N. Freq. Response 10-52,000 cps ± 1 db. Built-in multiplex and tuning meter. Brushed gold panel. Size: $15\frac{1}{4} \times 5\frac{1}{2} \times 11\frac{1}{2}$ " D. Shpg. wt., 22 lbs. Less case.

- 21 A 4218WX No Money Down Net 129.95

MODEL A50K 50-WATT INTEGRATED STEREO AMPLIFIER KIT

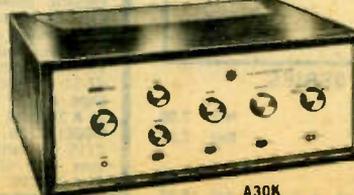
Model A50K is a 25 watt per channel music power output. Features center channel gain control, blend control with lamps and front panel stereo headphone jacks. 9 tubes. Freq. Response 12-70,000 cps ± 1 db. Hum — 85 db. High level input sensitivity, 200 μ v. 12 Stereo Inputs. 2 Mag. phono, 2 tape head, 2 crystal phono, 2 tuner 2 tape amp., 2 aux., 2 tape monitor. Brushed gold front panel. Size: $15\frac{1}{4} \times 5\frac{1}{2} \times 11\frac{1}{2}$ " D. Shpg. wt., 32 lbs. Less case.

- 21 A 4219WX No Money Down Net 119.95

MODEL A30K 30-WATT INTEGRATED STEREO AMPLIFIER KIT

Model A30K features continuously variable blend control to fill the "hole in the middle," ganged bass and treble controls. Has 9 tubes plus two silicon rectifiers. Freq. Response: 15-70,000 cps ± 1 db. Hum — 80 db. Excellent B+ regulation by silicon diode power supply. Music power output, 15 watts per channel. 8 Stereo inputs. Power consumption, 90 watts. Brushed gold front panel. Size: $15\frac{1}{4} \times 5\frac{1}{2} \times 11\frac{1}{2}$ " D. Shpg. wt., 25 lbs. Less case.

- 21 A 4226WX No Money Down Net 79.95



A30K



PREMIER Standard PRECISION BUILT METAL CHASSIS, CABINETS

STEEL AND ALUMINUM CHASSIS

Chassis are of one piece construction with gussets spot-welded to the bottom flanges for additional strength. Steel chassis are made of No. 20 gauge cold rolled steel, except * are no. 16 gauge. Steel chassis are finished in either Black Wrinkle ("BW") or Zinc Plated. Aluminum chassis made of No. 18 gauge (.040) aluminum except * are No. 14 gauge (.064) and have a Natural Finish.

STEEL

ZINC PLATED			BLACK WRINKLE			NET			ALUMINUM CHASSIS			NET		
Size D x W x H"	Stock No.	Type	Stock No.	Type	Lbs.	1-24	25-49	50-99	Stock No.	Type	Lbs.	1-24	25-49	50-99
4x6x1 1/2	MC-318	CH-436	MC-319	CH-436BW	3/4	1.22	1.12	1.01	MC-154	ACH-436	1/4	1.07	.98	.88
4x6x2	MC-308	CH-431	MC-309	CH-431BW	1	1.27	1.17	1.05	MC-159	ACH-431	1/4	1.26	1.16	1.04
4x6x3	MC-310	CH-432	MC-311	CH-432BW	1	1.22	1.12	1.01	MC-160	ACH-432	1/4	1.30	1.20	.98
4x8x2	MC-320	CH-437	MC-321	CH-437BW	1	1.27	1.17	1.05	MC-165	ACH-437	3/8	1.11	1.02	1.02
4x17x3	MC-262	CH-408	MC-263	CH-408BW	2 1/4	1.76	1.62	1.46	MC-136	ACH-408	1	2.31	2.12	1.91
5x7x2	MC-298	CH-426	MC-299	CH-426BW	1	1.22	1.12	1.01	MC-154	ACH-426	1/4	1.07	.98	.88
5x7x3	MC-302	CH-428	MC-303	CH-428BW	1 1/4	1.27	1.17	1.05	MC-156	ACH-428	1/4	1.47	1.35	1.21
5x10x3	MC-248	CH-401	MC-249	CH-401BW	1 1/2	1.52	1.39	1.25	MC-129	ACH-401	3/4	1.49	1.37	1.23
5x13x3	MC-304	CH-429	MC-305	CH-429BW	2	1.86	1.71	1.54	MC-157	ACH-429	3/4	1.76	1.62	1.46
5 1/2 x 9 1/2 x 1 1/2	MC-246	CH-400	MC-247	CH-400BW	1	1.08	.99	.90	MC-128	ACH-400	1/2	1.30	1.20	1.08
6x14x3	MC-250	CH-402	MC-251	CH-402BW	2 1/2	1.78	1.62	1.46	MC-130	ACH-402	1	2.52	2.31	2.08
6x17x3	MC-314	CH-434	MC-315	CH-434BW	4	2.11	1.93	1.74	MC-162	ACH-434	1	2.65	2.43	2.19
7x7x2	MC-252	CH-403	MC-253	CH-403BW	1 1/4	1.27	1.17	1.05	MC-131	ACH-403	1/2	1.30	1.20	1.08
7x9x2	MC-254	CH-404	MC-255	CH-404BW	1 1/2	1.52	1.39	1.25	MC-132	ACH-404	3/4	1.36	1.25	1.12
7x11x2	MC-256	CH-405	MC-257	CH-405BW	1 3/8	1.57	1.44	1.30	MC-133	ACH-405	3/4	1.49	1.37	1.23
7x11x3	MC-296	CH-425	MC-297	CH-425BW	2 1/4	1.67	1.53	1.38	MC-153	ACH-425	3/8	1.61	1.48	1.33
7x12x3	MC-312	CH-433	MC-313	CH-433BW	2 1/2	1.71	1.57	1.41	MC-161	ACH-433	3/8	1.79	1.65	1.48
7x13x2	MC-258	CH-406	MC-259	CH-406BW	2	1.67	1.53	1.38	MC-134	ACH-406	3/4	1.61	1.48	1.33
7x15x3	MC-260	CH-407	MC-261	CH-407BW	2 3/4	1.96	1.80	1.62	MC-135	ACH-407	1	2.83	2.60	2.34
7x17x3	MC-264	CH-409	MC-265	CH-409BW	3 1/8	2.16	1.98	1.79	MC-137	ACH-409	1 1/2	2.79	2.56	2.30
8x10x2 1/2	MC-328	CH-441	MC-329	CH-441BW	2 1/2	1.67	1.53	1.38	MC-167	ACH-441	1	1.65	1.51	1.36
8x12x3	MC-306	CH-430	MC-307	CH-430BW	2 1/2	1.96	1.80	1.62	MC-158	ACH-430	1	2.15	1.97	1.77
8x17x2	MC-266	CH-410	MC-267	CH-410BW	2 3/4	1.98	1.80	1.62	MC-138	ACH-410	1 1/2	2.83	2.60	2.34
8x17x3	MC-268	CH-411	MC-269	CH-411BW	3	2.18	1.98	1.79	MC-139	ACH-411	1 3/8	2.94	2.70	2.43
8 1/2 x 15 x 3	MC-300	CH-427	MC-301	CH-427BW	3	2.25	2.07	1.86	MC-155	ACH-427	1 1/4	2.65	2.42	2.16
10x12x3	MC-270	CH-412	MC-271	CH-412BW	2 3/4	2.11	1.93	1.74	MC-140	ACH-412	1 1/4	2.83	2.61	2.37
10x14x3	MC-272	CH-413	MC-273	CH-413BW	3 1/4	2.18	2.02	1.82	MC-141	ACH-413	1 1/4	3.33	3.06	2.75
10x17x2	MC-274	CH-414	MC-275	CH-414BW	3 1/4	2.25	2.07	1.86	MC-142	ACH-414	1 3/4	3.19	2.93	2.64
10x17x3	MC-276	CH-415*	MC-277	CH-415BW*	6	2.55	2.34	2.11	MC-143	ACH-415*	1 7/8	3.58	3.28	2.95
10x17x4	MC-278	CH-416*	MC-279	CH-416BW*	7 1/2	2.88	2.61	2.35	MC-144	ACH-416*	2	4.12	3.78	3.40
10x17x5	MC-324	CH-439*	MC-325	CH-439BW*	8 1/2	3.43	3.15	2.83	MC-163	ACH-435*	2 1/2	5.26	4.83	4.35
10x23x3	MC-316	CH-435*	MC-317	CH-435BW*	10	3.23	2.97	2.67	MC-145	ACH-417*	1 3/4	3.41	3.13	2.82
11x17x2	MC-280	CH-417*	MC-281	CH-417BW*	5 1/4	3.09	2.83	2.55	MC-146	ACH-418*	2	4.18	3.84	3.46
11x17x3	MC-282	CH-418*	MC-283	CH-418BW*	6 1/4	3.38	3.10	2.79	MC-147	ACH-419*	1 7/8	3.73	3.43	3.09
12x17x2	MC-284	CH-419*	MC-285	CH-419BW*	5	2.35	2.16	1.94	MC-148	ACH-420*	2 1/8	4.42	4.06	3.65
12x17x3	MC-286	CH-420*	MC-287	CH-420BW*	7	2.84	2.61	2.35	MC-149	ACH-421*	2 7/8	4.88	4.48	4.03
12x17x4	MC-288	CH-421*	MC-289	CH-421BW*	8 1/2	3.09	2.83	2.55	MC-150	ACH-422*	1 7/8	3.94	3.62	3.26
13x17x2	MC-290	CH-422*	MC-291	CH-422BW*	6	3.38	3.10	2.79	MC-151	ACH-423*	2 1/8	4.69	4.31	3.88
13x17x3	MC-292	CH-423*	MC-293	CH-423BW*	7	3.92	3.60	3.24	MC-152	ACH-424*	2 1/2	5.37	4.93	4.44
13x17x4	MC-294	CH-424*	MC-295	CH-424BW*	10	4.48	4.09	3.68	MC-166	ACH-438*	3	10.57	9.71	8.74
13x17x5	MC-326	CH-440*	MC-327	CH-440BW*	11	5.05	4.63	4.17						
17x17x4	MC-322	CH-438*	MC-323	CH-438BW*	13	6.37	5.85	5.26						

BOTTOM PLATES

For use with above chassis. Have holes to match chassis and have 4 pressed dimples. Steel plates No. 20 gauge in Black Wrinkle or Zinc Plated. Aluminum plates No. 18 gauge (.040) natural finish. Avg. shpg. wt., 2 lbs.

STEEL

ZINC PLATED			BLACK WRINKLE			NET			ALUMINUM			NET		
Fits Chassis	Stock No.	Type	Stock No.	Type	1-49	50-99	100-149	Stock No.	Type	1-49	99	149	50-99	100-149
4 x 6"	MC-224	BP-426	MC-225	BP-426BW	.49	.45	.40	MC-120	ABP-426	.85	.78	.70		
4 x 8"	MC-232	BP-430	MC-233	BP-430BW	.49	.45	.40	MC-124	ABP-430	.85	.78	.70		
4 x 17"	MC-200	BP-408	MC-201	BP-408BW	.49	.45	.40	MC-108	ABP-408	1.29	1.19	1.07		
5 x 7"	MC-218	BP-423	MC-219	BP-423BW	.49	.45	.40	MC-117	ABP-423	.85	.78	.70		
5 x 10"	MC-186	BP-401	MC-187	BP-401BW	.54	.49	.44	MC-101	ABP-401	.85	.78	.70		
5 x 13"	MC-220	BP-424	MC-221	BP-424BW	.78	.72	.65	MC-118	ABP-424	.97	.89	.80		
5 1/2 x 9 1/2"	MC-184	BP-400	MC-185	BP-400BW	.49	.45	.40	MC-100	ABP-400	.85	.78	.70		
6 x 14"	MC-188	BP-402	MC-189	BP-402BW	.73	.67	.60	MC-102	ABP-402	1.29	1.19	1.07		
6 x 17"	MC-228	BP-428	MC-229	BP-428BW	.93	.85	.76	MC-122	ABP-428	1.33	1.22	1.10		
7 x 7"	MC-190	BP-403	MC-191	BP-403BW	.54	.49	.44	MC-103	ABP-403	.88	.81	.73		
7 x 9"	MC-192	BP-404	MC-193	BP-404BW	.59	.54	.49	MC-104	ABP-404	.94	.86	.77		
7 x 11"	MC-194	BP-405	MC-195	BP-405BW	.49	.45	.40	MC-105	ABP-405	1.04	.95	.85		
7 x 12"	MC-226	BP-427	MC-227	BP-427BW	.98	.90	.81	MC-121	ABP-427	1.12	1.03	.93		
7 x 13"	MC-196	BP-406	MC-197	BP-406BW	.78	.70	.63	MC-106	ABP-406	1.29	1.19	1.07		
7 x 15"	MC-198	BP-407	MC-199	BP-407BW	.88	.81	.73	MC-107	ABP-407	1.29	1.19	1.07		
7 x 17"	MC-202	BP-409	MC-203	BP-409BW	.93	.85	.76	MC-109	ABP-409	1.33	1.22	1.10		
8 x 10"	MC-238	BP-433	MC-239	BP-433BW	.98	.90	.81	MC-127	ABP-433	1.12	1.03	.93		
8 x 12"	MC-222	BP-425	MC-223	BP-425BW	1.13	1.03	.93	MC-119	ABP-425	1.29	1.19	1.07		
8 x 17"	MC-204	BP-410	MC-205	BP-410BW	.93	.85	.76	MC-110	ABP-410	1.50	1.38	1.24		
8 1/2 x 15"	MC-236	BP-432	MC-237	BP-432BW	1.42	1.30	1.17	MC-126	ABP-432	2.36	2.17	1.95		
10 x 12"	MC-206	BP-412	MC-207	BP-412BW	.93	.85	.76	MC-111	ABP-412	1.47	1.35	1.21		
10 x 14"	MC-208	BP-413	MC-209	BP-413BW	.98	.90	.81	MC-112	ABP-413	1.34	1.23	1.11		
10 x 17"	MC-210	BP-414	MC-211	BP-414BW	1.22	1.12	1.01	MC-113	ABP-414	1.69	1.55	1.39		
10 x 23"	MC-230	BP-429	MC-231	BP-429BW	1.96	1.80	1.62	MC-123	ABP-429	2.50	2.29	2.06		
11 x 17"	MC-212	BP-418	MC-213	BP-418BW	1.27	1.17	1.05	MC-114	ABP-418	2.12	1.94	1.75		
12 x 17"	MC-214	BP-419	MC-215	BP-419BW	1.32	1.21	1.09	MC-115	ABP-419	2.23	1.98	1.78		
13 x 17"	MC-216	BP-422	MC-217	BP-422BW	1.42	1.30	1.17	MC-116	ABP-422	2.36	2.17	1.95		
17 x 17"	MC-234	BP-431	MC-235	BP-431BW	2.06	1.89	1.70	MC-125	ABP-431	2.52	2.31	2.08		

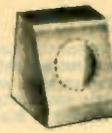
WALL SPEAKER BAFFLE

Constructed of #18 gauge cold rolled steel to eliminate splitting, warping, or cracking. Interior has special under-coating to eliminate metallic sound. Mounting bracket for hanging on wall. Brown hammetone or buff, enamel.

Size: A-11 1/2 x 9 1/2 x 7"; B-15 1/2 x 13 1/2 x 9 3/4". Shpg. wts., WSB-8-5 lbs., WSB-12-8 lbs.

Buff Enamel	Hammer-tone	Mfr. Type	Spkr. Size	Net 1-24	25-49	50-99
MC-469	MC-438	WSB-8	A 8"	5.98	5.49	4.94
MC-470	MC-439	WSB-12	B 12"	7.37	6.77	6.09

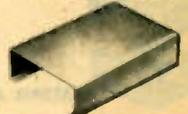
UNIVERSAL METER CASES



A new meter case that can accommodate either a 2" or 3" meter. Center hole for 2" meter increases to 3" meter hole by simply removing a knock-out. 3/4" x 4 1/2" x 4 1/2". Supplied with two 1/2" dia. knockouts for feed through insulators or Volt-ume Controls. In #20 gauge steel — Black Wrinkle Finish and #18 gauge (.040) Aluminum—Natural Finish. Average shpg. wt., 3/4 lb.

STOCK NO.	TYPE	MATERIAL	LBS.	1-49	50-99	100-149
MC-353	SPC-23	Steel	3/4	1.37	1.26	1.13
MC-179	ASPC-23	Aluminum	3/4	1.63	1.49	1.34

MINIATURE ALUMINUM OPEN-END CHASSIS



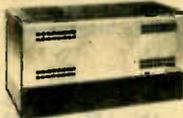
Ideal for small amplifiers, oscillators, and miniature assemblies. Made of 18 gauge (.040) aluminum, natural finish.

Size D x W x H"	Stock No.	Type	Lbs.	1-24	25-49	50-99
2 1/2 x 2 1/4 x 1 1/4	MC-168	ACH-1350	1/4	.39	.36	.32
1 3/4 x 3 1/2 x 1	MC-169	ACH				

PREMIER Standard PRECISION BUILT METAL HOUSINGS

STANDARD AMPLIFIER FOUNDATIONS

Designed to meet the most critical requirements. Consists of regular chassis with ruggedly constructed metal covers. Top cover has perforations, rounded corners, and is 6" high. Finished in Gray Wrinkle. Chassis constructed of one piece with corners spot-welded. Finished in Black Wrinkle.



Stock No.	Type	Chassis DxWxH	Lbs.	NET		
				1-24	25-49	50-99
MC-402	AF-510	5x10x3	9	4.95	4.54	4.08
MC-403	AF-615	6x14x3	10	5.73	5.26	4.73
MC-408	AF-1017	10x17x3	13	7.69	7.06	6.35
MC-409	AF-1317	13x17x3	15	9.15	8.49	7.64



ALUMINUM MINIBOXES

Two piece case made of #16 gauge (0.51) aluminum. Each section forms 3 sides. Flanges assure proper shielding. Available in variety of sizes for popular electronic devices and construction projects. Available in natural finish or grey hammertone.

Stock No.	Size LxWxH"	Lbs.	NATURAL ALUMINUM			GREY HAMMERTONE					
			Type	NET 1-49	NET 50-99	Type	NET 1-49	NET 50-100			
MC-358	2 1/2 x 2 1/2 x 1 1/2	1/4	AMC-1000	.69	.63	.56	MC-375	PMC-1000	.77	.71	.64
MC-359	3 1/4 x 2 1/2 x 1 1/2	1/4	AMC-1001	.69	.63	.56	MC-376	PMC-1001	.77	.71	.64
MC-360	4 x 2 1/2 x 1 1/2	1/4	AMC-1002	.72	.67	.60	MC-377	PMC-1002	.81	.75	.67
MC-361	4 x 2 1/2 x 2 1/4	3/8	AMC-1003	.94	.86	.77	MC-378	PMC-1003	1.04	.95	.85
MC-362	5 x 2 1/2 x 2 1/4	3/8	AMC-1004	.97	.89	.80	MC-379	PMC-1004	1.07	.98	.88
MC-363	5 x 4 x 3	1/2	AMC-1005	1.15	1.05	.94	MC-380	PMC-1005	1.20	1.11	1.00
MC-364	5 1/2 x 3 x 2 1/2	1/2	AMC-1006	1.07	.98	.88	MC-381	PMC-1006	1.17	1.07	.96
MC-365	6 x 5 x 4	1	AMC-1007	1.36	1.25	1.12	MC-382	PMC-1007	1.50	1.38	1.24
MC-366	7 x 5 x 3	3/4	AMC-1008	1.53	1.40	1.26	MC-383	PMC-1008	1.66	1.52	1.37
MC-367	8 x 6 x 3 1/2	1 1/2	AMC-1009	2.26	2.08	1.87	MC-384	PMC-1009	2.40	2.20	2.08
MC-368	10 x 6 x 3 1/2	1 1/2	AMC-1010	2.82	2.59	2.33	MC-385	PMC-1010	2.98	2.71	2.47
MC-369	12 x 7 x 4	1 3/4	AMC-1011	3.17	2.92	2.63	MC-386	PMC-1011	3.50	3.19	2.87
MC-370	17 x 5 x 4	2	AMC-1012	3.76	3.46	3.11	MC-387	PMC-1012	4.12	3.78	3.40
MC-371	10 x 2 x 1 1/2	1/2	AMC-1013	1.15	1.05	.94	MC-388	PMC-1013	1.20	1.11	1.00
MC-372	12 x 2 1/2 x 2 1/4	1/4	AMC-1014	1.50	1.38	1.24	MC-389	PMC-1014	1.62	1.48	1.33
MC-373	4 x 2 x 2 3/4	1/4	AMC-1015	.91	.85	.76	MC-390	PMC-1015	1.18	1.08	.97
MC-374	4 1/2 x 2 1/4 x 1 1/2	1/4	AMC-1016	.94	.86	.79	MC-391	PMC-1016	1.04	.95	.85

SLOPING PANEL CABINETS

These handy cabinets have rounded top corners and a removable front panel. Back of cabinet is perforated and has opening for leads. Constructed of #20 gauge steel. Finished in Grey Wrinkle.



Stock No.	Mfr. Type	Size HxWxD	Use Chassis	Lbs.	NET		
					1-24	25-49	50-99
MC-410	SFC-500	8x8x8	7x7x2	6	4.80	4.41	3.97
MC-411	SFC-501	8x10x8	7x9x2	7	5.33	4.90	4.41
MC-412	SFC-502	8x14x8	7x13x2	8	5.72	5.24	4.72
MC-413	SFC-503	9x18x8	7x17x3	10	8.21	7.54	6.79
MC-414	SFC-504	12x18x12	10x17x3	14	10.49	9.63	8.67

DELUXE CABINET RACKS

16 Gauge steel cabinet racks. Front vertical corners are rounded and the top and bottom are trimmed with red striped chrome finished moulding. Recessed piano-type hinged door in top. Units marked * also have hinged rear door. Louvered sides and rear opening provide ventilation. Panel mounting holes tapped for 10-32 machine screws. Gussets welded at bottom of rear on types 170-350 for additional strength. All are 2 1/4" wide, 15 1/4" deep. Finished in either black or gray wrinkle. o/a = overall.



BLACK WRINKLE Stock No.	GRAY WRINKLE Stock No.	Mfr. Type	o/a H"	Panel Space	Lbs.	NET		
						1-14	15-24	25-34
MC-472WX	MC-427WX	DCR-70	8 3/4	8 3/4"	22	13.62	12.51	11.26
MC-473WX	MC-428WX	DCR-80	10 1/2	8 3/4"	24	14.31	13.14	11.83
MC-474WX	MC-429WX	DCR-100	12 1/4	10 1/2"	26	16.12	14.80	13.32
MC-475WX	MC-430WX	DCR-120	14	12 1/4"	28	17.44	16.02	14.42
MC-476WX	MC-431WX	DCR-140	15 3/4	14 1/2"	32	19.35	17.77	15.99
MC-477WX	MC-432WX	DCR-170*	19 1/4	17 1/2"	40	22.93	21.06	18.95
MC-478WX	MC-433WX	DCR-190*	21	19 1/4"	42	24.11	22.05	19.85
MC-479WX	MC-434WX	DCR-210*	22 3/4	21"	44	24.89	22.86	20.57
MC-480WX	MC-435WX	DCR-260*	28	26 1/4"	45	26.85	24.66	22.21
MC-481WX	MC-436WX	DCR-310*	33 1/4	31 1/2"	50	28.27	25.96	23.36
MC-482WX	MC-437WX	DCR-350*	36 3/4	35"	55	29.69	27.27	24.54

PANEL MOUNTED BLOWER

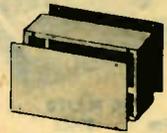


To fit standard 19" wide panel space with permanent type washable filter. Permanently lubricated motor. Motor rating 3000 RPM, 120 watts, 115V AC at 1.5 amps. Ball bearing shaded pole. Supplied with 42" lead and molded plug. Finished in gray hammertone. Shpg. wt., 14 lbs.

Stock No.	Mfr. No.	CFM at 0" SP	Panel height	Depth of enclosure	Overall depth	Net		
						1-9	10-14	15-19
MC-626WX	PMB-5-150	150	5 1/4"	6 1/4"	7"	122.50	112.50	101.25

METAL UTILITY CABINETS

Have two removable sides for easy accessibility. Have flanged edges and spot-welded corners. No. 20 ga. steel finished in Black Wrinkle; No. 16 ga. (.051) aluminum in natural aluminum finish. Avg. shpg. wt. of steel cabinets 3 lbs., aluminum 1 1/2 lbs. Type No. is prefaced by "C" for steel and AC for aluminum.



Size HxWxD	Mfr. Type	Stock No.	BLACK WRINKLE STEEL			NATURAL ALUMINUM				
			NET 1-49	NET 50-99	NET 100-149	Mfr. Type	Stock No.	NET 1-49	NET 50-99	NET 100-149
4x4x2	C-442	MC-392	1.03	.94	.85	AC-442	MC-460	1.37	1.26	1.13
4x5x3	C-453	MC-393	1.22	1.12	1.01	AC-453	MC-461	1.51	1.39	1.25
5x6x4	C-564	MC-394	1.41	1.30	1.17	AC-564	MC-462	1.78	1.64	1.48
5x9x6	C-596	MC-395	2.20	2.02	1.82	AC-596	MC-463	2.94	2.70	2.43
6x6x6	C-666	MC-396	1.96	1.80	1.62	AC-666	MC-464	2.06	1.89	1.70
6x9x5	C-695	MC-397	2.20	2.02	1.82	AC-695	MC-465	2.94	2.70	2.43
7x5x4	C-754	MC-398	1.57	1.44	1.30	---	---	---	---	---
8x10x10	C-8101	MC-399	3.68	3.37	3.03	---	---	---	---	---
12x7x6	C-1276	MC-400	3.09	2.83	2.55	AC-1276	MC-466	4.02	3.69	3.32
15x9x7	---	---	---	---	---	AC-1597	MC-467	5.54	5.08	4.57

SLOPING PANEL UTILITY BOXES



Steel and aluminum sloping panel cabinets with round top corners and sloping front. For installations that require opening in rear of box. No. 20 gauge steel—Black Wrinkle finish. No. 18 gauge (.040) aluminum—natural aluminum finish. 4 1/2" H x 4 1/4" D.

WIDTH	STOCK NO.	TYPE	LBS.	NET		
				1-49	50-99	100-149
4 1/2"	MC-354	SPC-1200	3/4	1.18	1.08	.97
5 1/2"	MC-355	SPC-1201	1	1.33	1.22	1.10
6 1/2"	MC-356	SPC-1202	1	1.51	1.39	1.25
7 1/2"	MC-357	SPC-1203	1 1/2	1.82	1.67	1.50
ALUMINUM						
4 1/2"	MC-599	ASPC-1200	1/2	1.48	1.36	1.22
5 1/2"	MC-600	ASPC-1201	1/2	1.68	1.54	1.39
6 1/2"	MC-601	ASPC-1202	3/4	1.90	1.75	1.57
7 1/2"	MC-602	ASPC-1203	3/4	2.28	2.10	1.89

STREAMLINED CABINETS

The perfect cabinets for electronic devices not requiring excessive depths. Has hinged top front vertical rounded corners and a removable front panel. Sides and back of cabinet are louvered for ample ventilation. Back has opening for leads. Constructed of #20 gauge steel. Finished in Grey Wrinkle.



Stock No.	Mfr. Type	HxWxD	Panel Size	Lbs.	Use Chassis	NET		
						1-24	25-49	50-99
MC-415	HTC-200	8x10x8	8x8	6	7x7x2	4.95	4.54	4.09
MC-416	HTC-201	8x12x8	8x10	6 1/2	7x9x2	5.34	4.90	4.41
MC-417	HTC-202	8x16x8	8x14	11	7x13x2	6.96	6.39	5.75
MC-418	HTC-203	9x7x11	9x15	6 1/2	10x14x3	10.74	9.86	8.87
MC-419	HTC-204	12x20x12	12x18	13 1/2	10x17x3	12.70	11.66	10.49
MC-420	HTC-205	8x14x8	8x12	7 1/4	7x11x2	6.15	5.65	5.08

VENTILATING GRILLE PANELS



Recommended as a substitute for solid panels where abundant ventilation is required. Made of No. 12 gauge steel. Finished in Black Wrinkle, Gray Wrinkle or Gray Hammertone. * Allows 3 1/2" space at bottom for chassis mounting. H = Height.

BLACK WRINKLE Stock No.	GRAY WRINKLE Stock No.	Gray HAMMERTONE Stock No.	Mfr. Type	Size	H	Lbs.	NET		
							1-49	50-99	100-149
MC-453	MC-483	MC-490	GRP-601	3 7/8 x 13 3/8"	5 1/4"	2	3.37	3.06	2.75
MC-454	MC-484	MC-491	GRP-602	3 7/8 x 13 3/8"	7"	2	3.57	3.28	2.95
MC-455	MC-485	MC-492	GRP-603	5 7/8 x 13 3/8"	8 3/4"	2 1/2	4.31	3.96	3.56
MC-456	MC-486	MC-493	GRP-604*	3 7/8 x 13 3/8"	8 3/4"	2 1/2	3.97	3.61	3.28
MC-457	MC-487	MC-494	GRP-605*	7 7/8 x 13 3/8"	10 1/2"	2 1/2	4.72	4.34	3.91
MC-458	MC-488	MC-495	GRP-606*	5 7/8 x 13 3/8"	10 1/2"	2 1/2	4.31	3.96	3.56
MC-459	MC-489	MC-496	GRP-607*	7 7/8 x 13 3/8"	12 1/4"	3	4.90	4.50	4.05

CHASSIS MOUNTING BRACKETS



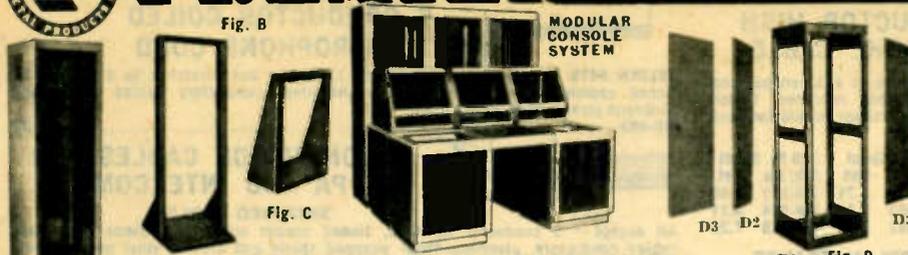
Constructed of No. 16 gauge steel. Cutaway to provide clearance so that chassis can be flush mounted. All for 3" high chassis except * are for 4 inch high. Finished in black enamel. In pairs only.



Stock No.	Mfr. Type	H"	D"	Lbs.	NET		
					1-49	50-99	100-149
STANDARD TYPE							
MC-440	CB-78	6 1/2	8	1 1/2	1.04	.95	.85
MC-441	CB-710	6 1/2	10	1 3/4	1.39	1.28	1.15
MC-442	CB-711	6 1/2	11	2	1.52	1.39	1.25
MC-443	CB-712	6 1/2	12	2 1/8	1.62	1.49	1.34
MC-444	CB-713	6 1/2	13	2 1/4	1.76	1.62	1.44
MC-445	CB-717	6 1/2	17	3	2.74	2.52	2.27
MC-446	CB-810*	8 1/2	10	2 3/8	2.06	1.89	1.70
MC-447	CB-813*	8 1/2	13	3	2.18	2.00	1.80
TRIANGULAR TYPE							
MC-448	TCB-55	5					



PREMIER Standard RELAY RACKS AND ACCESSORIES



RELAY RACKS FOR EVERY NEED!

Rigidly constructed of #16 gauge steel. The panel mounting angles are of #12 gauge steel and tapped for 10-32 machine screws on universal spacings. Rear doors hung on sturdy slip-jointed hinges and closed by a chrome handle. Bottom accommodates CA-4(2") casters. DELUXE TYPE—removable vertical corner moldings are rounded

and cover the mounting screws. Top and bottom are trimmed with red stripped chrome finished molding. STANDARD TYPE—have square front vertical corners. ROUNDED TYPE—have front vertical rounded corners. Black Wrinkle, Gray Wrinkle or Gray Hammertone. Shipped knocked down with all necessary bolts for easy assembly. Racks are 22Wx18"D.

ENCLOSED RELAY RACKS FIG. (A)

WRINKLE		HAMMERTONE		DELUXE RACKS		Net		
BLACK Stock No.	GRAY Stock No.	GRAY Stock No.	Mfr. Type	Panel Space	Lbs.	1-9	10-14	15-19
MC-497WX	MC-507WX	MC-517WX	DR-3619	43 1/2"	36 3/4"	85	55.57	51.03
MC-498WX	MC-508WX	MC-518WX	DR-6119	67 5/8"	61 1/4"	135	87.91	62.37
MC-499WX	MC-509WX	MC-519WX	DR-7719	83 3/4"	77 "	160	82.22	74.51
STANDARD RACKS								
MC-500WX	MC-510WX	MC-520WX	RS-3619	41 7/8"	36 3/4"	80	40.87	37.71
MC-501WX	MC-511WX	MC-521WX	RS-6119	66 3/4"	61 1/4"	120	60.86	55.89
MC-502WX	MC-512WX	MC-522WX	RS-7719	82 1/2"	77 "	140	73.06	67.09
ROUNDED RACKS								
MC-503WX	MC-513WX	MC-523WX	R-3619	41 7/8"	36 3/4"	80	40.87	37.71
MC-504WX	MC-514WX	MC-524WX	R-4219	47 1/8"	42 "	90	46.79	42.97
MC-505WX	MC-515WX	MC-525WX	R-6119	66 3/4"	61 1/4"	120	60.86	55.89
MC-506WX	MC-516WX	MC-526WX	R-7719	82 1/2"	77 "	140	73.06	67.09

TELEPHONE TYPE CHANNEL RELAY RACKS FIG. (B)

Open type racks constructed of #12 gauge steel finished in Black Wrinkle. Vertical members and top crossbrace are included together. Panel mounting holes are tapped for 10-32 machine screws. Racks shipped knocked down with all necessary bolts for easy assembly. Base punched to accommodate type CA-4 casters.

BLACK WRINKLE Stock No.	Mfr. Type	HxWxD	Panel Space	Lbs.	1-9	10-14	15-19
MC-548WX	RR-800	39 1/4 x 20 x 18 3/4"	36 3/4 x 19"	40	20.78	19.08	17.17
MC-549WX	RR-801	74 1/4 x 20 x 20 7/8"	71 3/4 x 19"	55	24.70	22.68	20.41
MC-550WX	RR-802	79 1/2 x 20 x 20 7/8"	77 x 19"	60	28.62	26.28	23.55

Rigidly constructed of #16 gauge steel finished in Black Wrinkle. Base constructed of one piece, similar to a chassis. Panel mounting holes are tapped for 10-32 machine screws. Shipped knocked down.

BLACK WRINKLE Stock No.	Mfr. Type	HxWxD	Panel Space	Lbs.	1-9	10-14	15-19
MC-551WX	TR-2119	25x21x12"	21x19"	17	8.64	7.94	7.15
MC-552WX	TR-2819	32x21x12"	28x19"	20	10.82	9.94	8.95

PREM-O-RAK® MODULAR TRANSMITTER RACKS FIG. (O)

For standard 19" rack panels designed for multiple installation and for use with PREM-O-RAK console cabinets. Frame 14 gauge steel; tops of front and rear are rounded; frame completely welded throughout; supplied with 4 No. 12 gauge steel panel mounting angles.

Both legs of angle are tapped 10-32, knockouts on sides of upright for use in ganging frames; rectangular cutout in bottom for leads; doors can be mounted to front or rear of frame; holes in bottom for 2" and 3" casters. Finished in gray hammertone.

FRAMES FIG. (D1) 22" W x 22" D.

Stock No.	Mfr. No.	Lbs.	Height	Panel Space	1-9	10-14	15-19
MC-627WX	FA-42-22	50	48 5/8"	42x19"	76.44	70.20	63.18
MC-628WX	FA-52-22	65	59 1/8"	52 1/2 x 19"	82.91	76.14	68.53
MC-629WX	FA-61-22	80	67 7/8"	61 1/4 x 19"	93.93	86.26	77.63
MC-630WX	FA-70-22	100	76 5/8"	70 x 19"	110.19	101.20	91.08
MC-631WX	FA-77-22	110	83 3/8"	77 x 19"	113.28	104.03	93.63

END PANELS FIG. (D2)

One piece 16 gauge steel. Attaches to frame by bracket on bottom and held securely by two captive screws on top. Ball cornered. Supplied with louvers. Brown Hammertone Finish. 22"Wx1 1/2"D.

Stock No.	Mfr. No.	For Frame	Lbs.	1-9	10-14	15-19
MC-609WX	CEP-42-22	FA-42-22	23	18.51	17.01	15.31
MC-610WX	CEP-52-22	FA-52-22	27	22.25	20.43	18.39
MC-611WX	CEP-61-22	FA-61-22	30	24.70	22.68	20.41
MC-612WX	CEP-70-22	FA-70-22	33	26.56	24.39	21.95
MC-613WX	CEP-77-22	FA-77-22	35	28.71	26.37	23.73

DOORS FIG. (D3)

For 22" deep racks. Made of 16 gauge steel. Mounted either left or right hand by rotating door 180°. Doors supplied blank. Louvers at no additional charge;

please specify. Mung on slip jointed hinges and equipped with locking handle. Finished in Gray Hammertone. 21 1/2"Wx1 1/2"D.

Stock No.	Mfr. No.	For Frame	Lbs.	1-9	10-14	15-19
MC-614WX	DF-42	FA-42-22	20	25.80	23.76	21.38
MC-615WX	DF-52	FA-52-22	25	28.81	26.46	23.81
MC-616WX	DF-61	FA-61-22	28	32.93	30.24	27.22
MC-617WX	DF-70	FA-70-22	31	35.28	32.40	29.16
MC-618WX	DF-77	FA-77-22	34	37.63	34.56	31.10

Lafayette stocks complete Premier metal line. Write or call for quotations on unlisted items.

STANDARD RACK PANELS

All panels are 19" wide and 1/8" thick. Steel panels are No. 12 gauge and finished in reversible Gray and Black Wrinkle. Aluminum finished in reversible Gray and Black Wrinkle. H=height

Steel Panels—Reversible Black and Gray Wrinkle		Net			
Stock No.	Mfr. No.	H	Lbs.	1-49	50-99 149
MC-553	RP-119	1 3/4"	1	.83	.76
MC-554	RP-319	3 1/2"	2	.98	.90
MC-555	RP-519	5 1/4"	3	1.18	1.08
MC-556	RP-719	7 "	4	1.37	1.26
MC-557	RP-819	8 3/4"	5 1/4	1.67	1.53
MC-558	RP-1019	10 1/2"	6 1/4	2.01	1.84
MC-559	RP-1219	12 1/4"	7 1/4	2.40	2.20
MC-560	RP-1419	14 "	8 1/4	2.76	2.54
MC-561	RP-1519	15 3/4"	9	3.10	2.84
MC-562	RP-1719	17 1/2"	10 1/2	3.51	3.22
MC-563	RP-1919	19 1/4"	12	3.78	3.46
MC-564	RP-2119	21 "	12 1/2	4.17	3.82

Aluminum Panels—Reversible Gray and Black Wrinkle.

Stock No.	Mfr. Type	H	Lbs.	1-49	50-99	100-149
MC-565	ARP-119	1 3/4"	1/2	1.10	1.01	.91
MC-566	ARP-319	3 1/2"	1	1.47	1.35	1.21
MC-567	ARP-519	5 1/4"	1 1/2	2.01	1.84	1.66
MC-568	ARP-719	7 "	2	2.41	2.21	1.99
MC-569	ARP-819	8 3/4"	2 1/2	2.89	2.65	2.38
MC-570	ARP-1019	10 1/2"	3	3.67	3.37	3.03
MC-571	ARP-1219	12 1/4"	3 1/2	4.07	3.73	3.36
MC-572	ARP-1419	14 "	4	4.90	4.50	4.05
MC-573	ARP-1519	15 3/4"	4	5.39	4.95	4.45
MC-574	ARP-1719	17 1/2"	4 3/4	5.98	5.49	4.84
MC-575	ARP-1919	19 1/4"	5	6.57	6.03	5.43
MC-576	ARP-2119	21 "	6	7.35	6.75	6.07

ALUMINUM PANEL CHASSIS

Front flange notched for mounting on 19" standard racks. Made of 14 gauge (.064) aluminum. All chassis depths are 5 1/2". Gussets are spot welded in each corner for greater strength. Etched finish. H=Height.

Stock No.	Mfr. Type	H	Lbs.	1-24	25-49	50-99
MC-577	ACH-1200	1 3/4"	3/4	2.50	2.29	2.06
MC-578	ACH-1201	3 1/2"	1 3/4	2.73	2.51	2.26
MC-579	ACH-1202	5 1/4"	1 1/2	2.98	2.74	2.47
MC-580	ACH-1203	7 "	2	3.44	3.16	2.84
MC-581	ACH-1204	8 3/4"	2 1/4	4.06	3.73	3.36
MC-582	ACH-1205	10 1/2"	2 3/4	4.35	4.00	3.60
MC-583	ACH-1206	12 1/4"	3	4.85	4.45	4.00
MC-584	ACH-1207	14 "	3 1/4	5.24	4.81	4.33

CASTERS FOR RACKS AND CABINETS

Made of Plaskite non-marking composition wheel with Ball Bearing Swivel Plate. Packed one set of 4 in box with screws for assembly.

Stock No.	Mfr. No.	Wheel Diam.	NET PER SET OF 4	1-49	50-90	100-149
MC-451	CA-4	2"	sets	4.16	3.82	3.44
MC-452	CA-5	3"	sets	9.80	9.00	8.10

S-22-22 SHELF

No. 16 gauge steel. 20 3/8"Dx 17 1/2"W for frames FA-42-22, FA-52-22, FA-61-22, FA-70-22, and FA-77-22. Gray hammertone. Shpg. wt., 5 lbs.

MC-632	1-9 ea.	3.85;	10-14 ea.	3.54;	15-19 ea.	3.19
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CSA-22 CHASSIS SUPPORT ANGLES

No. 12 gauge steel. 20 3/8" long to fit frames FA-42-22, FA-52-22, FA-61-22, FA-70-22 and FA-77-22. Gray Hammertone. wt., 4 lbs.

MC-633	Net per set of 2	1-9	10-14	15-19
		4.90	4.50	4.05

CHASSIS SLIDES

Solid bearing slides to fit FA 22" series frame. Requires no drilling, counter sinking, quick disconnect allows for removal of chassis. Slide length 20". Slide mounts standard 17" wide chassis. * can be tilted 90° above or below horizontal position.

Stock No.	Mfr. No.	Load Shpg.	Net Per Pair	1-14	15-24	25-34
MC-634	SB-75-20	175 5 lbs.		17.15	15.75	14.18
MC-635	SB-175-20	175 9 lbs.		36.13	33.52	30.17
MC-636*	SB-175-DL-20	175 12 lbs.		57.82	53.10	47.79

Side Mounted. Slide Rolls On Nylon Wheels
MC-637 330-46-20 46 3 lbs. 3.72 3.42 3.08

Belden WIRE FOR MICROPHONES — INTERCOM — P.A. — SOUND



SINGLE CONDUCTOR HIGH IMPEDANCE MIKE CABLE

Shielded single conductor cables. No. 25 tinned stranded wire; 3 x 33 copper and 4 x 33 copperweld tinned, cellulose yarn braid, polyethylene insulated, tinned copper braid shield, chrome vinyl jacket. Type 8410 has rubber insulation and black rubber jacket. Available only in lengths listed below.

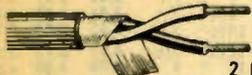
Beld. No.	Out Diam.	Wt. 100'	15 Ft. Spool Stk. No.	25 Ft. Spool Stk. No.	50 Ft. Spool Stk. No.	100 Ft. Spool Stk. No.
84 1	.144"	2 lb.	WR-369 .70	WR-370 .99	WR-371 1.71	WR-372 3.09
8401	.200"	3 lb.	WR-361 .85	WR-362 1.18	WR-363 2.30	WR-364 4.21
8410	.245"	4 lb.	WR-365 1.32	WR-366 2.06	WR-367 3.82	WR-368 7.20



2 CONDUCTOR LOW IMPEDANCE MINIATURE AND STD. MIKE CABLES

All cables shielded. Miniature types 8420 and 8413 both No. 24 stranded tinned. 8420 has polyethylene insulation and chrome vinyl jacket, 8413 rubber insulation and black rubber jacket. Stranded types: 8422 is 22 stranded tinned, poly insulation and chrome vinyl jacket; 8412 No. 20 stranded tinned, rubber insulation and black rubber jacket; 8428 is heavy duty No. 18 stranded tinned, black Neoprene jacket for studio use. Available only in lengths listed below.

Beld. No.	Out Diam.	Wt. 100'	15 Ft. Spool Stk. No.	25 Ft. Spool Stk. No.	50 Ft. Spool Stk. No.	100 Ft. Spool Stk. No.
8420	.178"	2½ lb.	WR-447 1.47	WR-448 2.20	WR-449 3.33	WR-450 6.27
8413	.185"	2½ lb.	WR-451 1.47	WR-452 2.20	WR-453 3.92	WR-454 7.35
8422	.231"	4 lb.	WR-377 1.18	WR-378 1.88	WR-379 3.18	WR-380 5.73
8412	.268"	6 lb.	WR-373 1.49	WR-374 2.30	WR-375 4.21	WR-376 8.08
8428	.295"	6½ lb.	WR-381 1.71	WR-382 2.79	WR-383 5.29	WR-384 10.29



SHIELDED CABLES FOR PA AND INTERCOM

2 CONDUCTOR-TWISTED PAIR-SHIELDED CABLES

All have stranded, tinned copper conductors (except Δ is solid) with vinyl insulation and tinned copper shield, except * have polyethylene insulation and aluminum-Mylar wrapped shield and † has rubber insulation. Types 8460-61-62 have stranded tinned copper ground wire. All have chrome vinyl jacket except 8432 is lacquered cotton braid and types with # have no outer jacket over shield. For lengths over 100 ft. use per ft. stock no. and base cost on 100 ft. price.

Beld. No.	Gauge	O.D."	Lbs.		Per Ft.		Per 100 Ft.	
			100 Ft.	Stock No.	Net	Stock No.	Net	
8739	22Δ	.160	2½	WRC-10	.035	WR-455	2.89	
8737	22	.170	2½	WRC-11	.04	WR-456	3.33	
8759	20	.195	2½	WRC-12	.05	WR-457	3.67	
8790	18	.231	4	WRC-13	.05	WR-458	4.36	
8780	16	.266	2	WRC-14	.07	WR-459	5.59	
8761*	22	.167	2	WRC-15	.03	WRC-15	2.35	
8762*	20	.184	3	WRC-16	.04	WR-460	3.38	
8760*	18	.222	3	WRC-17	.05	WRC-17	3.67	
8738#	22Δ	.130	2	WRC-18	.03	WRC-18	2.50	
8758#	20	.165	2½	WRC-19	.035	WR-416	2.94	
8789#	18	.205	2	WRC-20	.05	WRC-20	4.21	
8779#	16	.225	2	WRC-21	.06	WRC-21	5.14	



2 CONDUCTOR-TWISTED PAIR-UNSHIELDED

All have tinned stranded copper conductors except * are solid copper. Types with † have chrome vinyl jacket overall, others without jacket. All conductors have vinyl insulation. For lengths over 100' use per ft. stock number and base cost on 100 ft. price.

Beld. No.	Gauge	O.D."	Lbs.		Per Ft.		Per 100 Ft.	
			100 Ft.	Stock No.	Net	Stock No.	Net	
8481	22*	.112	1	WRC-23	.015	WR-465	1.40	
8482	19*	.115	1½	WRC-24	.02	WR-466	1.76	
8460	18	.175	1	WRC-25	.03	WR-467	2.45	
8470	16	.195	2	WRC-26	.035	WRC-26	2.79	
8740†	22*	.150	2	WRC-27	.02	WR-469	1.76	
8486†	19*	.162	2	WRC-28	.025	WR-28	2.08	
8461†	18	.226	3	WRC-29	.04	WR-471	3.38	
8471†	16	.256	4	WRC-30	.05	WRC-30	3.92	

UNSHIELDED 2 CONDUCTOR TWISTED PAIR SPEAKER AND INTERCOM CABLE

BELDEN 8205. 2 conductor No. 20 tinned copper, vinyl insulated, cabled with overall chrome vinyl jacket. O.D. .190". Shpg. wt. 100', 2 lbs. Lengths under 100 ft. available only in sizes listed below.

Belden No.	25 Ft. Spool Stock No.	Net	100 Ft. Spool Stock No.	Net	Over 100 Ft. Stock No.	Per Ft.
8205	WR-350	.81	WR-351	2.45	WRC-31	.024

COPPER BRAID SHIELDING

Flexible tinned copper braiding to shield conductors from stray fields. Reduces radiation. Tubular form lengths below 100 ft. available only in sizes listed below. Shpg. wt. per 100 ft., 3 lbs.

Belden No.	I.O.	Stranding	10 Ft. Spool		50 Ft. Spool		100 Ft. or More	
			Stock No.	Net	Stock No.	Per Ft.	Stock No.	Per Ft.
8660	¼	96 x 34	WR-550	.50	WR-556	1.47	WRC-61	.026
8668	1½	120 x 34	WR-551	.76	WR-557	2.02	WRC-62	.035
8663	¼	160 x 34	WR-552	.79	WR-558	2.18	WRC-63	.036
8661	¾	192 x 34	WR-553	.73	WR-559	2.45	WRC-64	.044
8669	½	336 x 34	WR-554	1.23	WR-560	5.39	WRC-65	.097
8662	¾	576 x 34	WR-555	1.70	WR-561	6.91	WRC-66	.148



4 CONDUCTOR COILED MICROPHONE CORD

BELDEN 8415. 9½ ft. cable retracts to 11 inches and stretches to 6 ft. No. 23 tinned cadmium bronze wire, rubber insulated, conductors cabled with black neoprene jacket. Shpg. wt., ½ lbs. Net 1.27



3 CONDUCTOR CABLES FOR PA AND INTERCOM

SHIELDED CABLES

All except * 3 conductor stranded, tinned copper with polyethylene insulation, cabled conductors, aluminum-Mylar wrapped shield and chrome vinyl outer jacket. Types 8771 has No. 22 and types 8770, 8772 have No. 20 tinned copper ground wire. Type 8791 similar but vinyl insulation and tinned copper wrapped shield and no ground wire.

Stock No.	Belden No.	Gauge	O.D."	Wt. Lb. 100 Ft.	Per Ft.	Per 100 Ft.
WRC-33	8771	22	.175	2	.035	2.94
WRC-34	8772	20	.200	3	.045	3.67
WRC-35	8770	18	.236	4	.06	4.63
WRC-36	8791	18	.236	5	.06	5.29

UNSHIELDED CABLES

All are 3 conductor solid #19 copper, vinyl insulated and cabled. 8487 has chrome vinyl outer jacket. 8483 has no jacket.

Stock No.	Belden No.	Gauge	O.D."	Wt. Lb. 100 Ft.	Per Ft.	Per 100 Ft.
WRC-37	8487	19	.180	2½	.03	2.60
WRC-38	8483	19	.132	2	.025	1.91



SHIELDED SOUND-PA-INTERCOM CABLE

BELDEN 8208. 2 conductor No. 18 tinned stranded copper, twisted pair, rubber insulated, braided tinned copper shield, chrome vinyl jacket overall. O.D. .270". Shpg. wt. 100', 4 lbs.

BELDEN 8209. Identical to above but outer jacket is white cotton braid treated for weather resistance. O.D. .258".

BELDEN 8735. 3 conductor No. 22 tinned stranded copper vinyl insulated, cabled, tinned copper braid shield chrome vinyl jacket overall. O.D. .199". Shpg. wt. 100', 3 lbs.

Lengths under 100 ft. available only in size listed below.

Belden No.	Stock No.	15 Ft. Spool		50 Ft. Spool		100 Ft. Spool		Over 100 Ft.	
		Net	Stock No.	Net	Stock No.	Net	Stock No.	Per Ft.	Per Ft.
8208	WR-475	1.15	WR-476	3.18	WR-477	5.83	WRC-58	.058	
8209	WR-478	1.15	WR-479	3.18	WR-480	5.83	WRC-59	.058	
8735	WR-403	.98	WR-404	2.35	WR-405	4.21	WRC-60	.042	



SPECIAL INTERCOM AND P.A. CABLES

BELDEN 8734. 3 conductor No. 22 stranded tinned copper with vinyl insulation. 1 conductor with tinned copper braid shield, 2 unshielded, cabled with overall chrome vinyl jacket. O.D. .194". Shpg. wt. per 100', 3 lbs.

WRC-39 Under 100 ft., per ft. Net .045
Over 100 ft., per ft. Net .036
WR-483 100 ft. spool Net 3.67

BELDEN 8763. 3 conductors No. 20 stranded tinned copper with polyethylene insulation. 2 conductors with aluminum-Mylar wrapped shield, 1 unshielded. Also has No. 20 stranded, tinned copper ground wire. Chrome vinyl jacket overall. O.D. .210". Shpg. wt. per 100', 3½ lbs.

WRC-40 Under 100 ft., per ft. Net .05
100 ft. or more, per ft. Net .044

BELDEN 8732. 4 conductors No. 22 stranded tinned copper with polyethylene insulation. 2 conductors with tinned copper braid shield, 2 unshielded. Also has No. 22 stranded tinned ground wire. Chrome vinyl jacket overall. Oval shape O.D. .188" x .296". Shpg. wt. 100', 3 lbs.

WR-485 100 ft. spool Net 4.41
WRC-41 Under 100 ft., per ft. Net .055
over 100 ft., per ft. Net .044



VINYL COVERED MULTIPLE PAIRED CABLE

For balanced line intercom systems and telephone wiring. Unshielded #22 solid tinned copper conductors, vinyl insulated, cabled in pairs, chrome vinyl outer jacket.

Stock No.	Belden No.	Conds. (Pairs)	O.D. In.	Lbs. 100 Ft.	Per Ft.	Per 100' or more Per 100 Ft.
WRC-42	8740	2 (1 pair)	.150"	1¾	.02	1.76
WRC-43	8741	4 (2 pair)	.201"	2½	.035	2.89
WRC-44	8742	6 (3 pair)	.240"	3½	.05	3.82
WRC-45	8743	12 (6 pair)	.305"	4¾	.07	5.88
WRC-46	8744	18 (9 pair)	.354"	6¾	.095	7.94

VINYL COVERED MULTIPLE UNPAIRED CABLE

All conductors unshielded stranded tinned copper except * include two No. 18 conductors. Each conductor vinyl insulated cabled. Chrome vinyl jacket overall. Lengths under 100 ft. available only in sizes listed below.

Beld. No.	Conds.	O.D." Ft.	15 Ft. Spool		25 Ft. Spool		100 Ft. Spool		Over 100 Ft.	
			Stk. No.	Net	Stk. No.	Net	Stk. No.	Net	Stk. No.	Per Ft.
8443	3	.150	2	—	WR-486	.88	WR-390	2.43	WRC-47	.024
8444	4	.168	2½	—	WR-487	1.03	WR-392	2.94	WRC-48	.029
8445	5	.180	2½	—	WR-488	1.14	WR-394	3.63	WRC-49	.036
8446*	6	.222	4	WR-489	1.11	—	WR-396	5.29	WRC-50	.052
8447*	7	.246	4½	WR-490	1.13	—	WR-398	6.03	WRC-51	.06
8448*	8	.251	5	WR-491	1.18	—	WR-400	6.27	WRC-52	.062
8449*	9	.261	5	WR-492	1.40	—	WR-402	7.01	WRC-53	.07

TELEVISION WIRE and CABLE-ROTOR CABLE-ZIP CORD

RG COAXIAL CABLES

All branded with standard type numbers and meet requirements of RG cables on Qualified Products List of U.S. Government. Available only in lengths indicated.

Type No.	Stock No.	Net 100'	Stock No.	Net 500'	Stock No.	Net 1000'	Shpg. Wt. Per 1000'
RG-8/U	WR-131	9.87	WR-132WX	47.04	WR-133WX	89.67	115 lbs.
RG-11/U	WR-134	9.38	WR-135WX	44.77	WR-142WX	85.26	100 lbs.
RG-58/U	WR-136	4.20	WR-137WX	20.09	WR-138WX	38.25	31 lbs.
RG-59/U	WR-139	4.37	WR-140WX	20.84	WR-141WX	39.69	40 lbs.



ITT MIL APPROVED LOW LOSS COAXIAL CABLE

For RF applications. Meets all rigid military and commercial specifications. Impervious to weather, acids, alkalis, oil and gasoline. Shpg. wt. per 100', 12 lbs. except RG58/U and RG58A/U, 3 lbs., RG59/U, 4 1/2 lbs. Minimum order 25 ft.

RG Type	Ohm IMP	MMF P/Ft.	O.D.	Odd Lengths Per Foot		100 Ft.		1000 Ft.	
				Stk. No.	Net	Stk. No.	Net	Stk. No.	Net
8U	52	29.5	.405"	WRC-106	.12	WR-526	11.18	WR-527WX	101.25
8A/U	52	29.5	.405"	WRC-107	.14	WR-529	12.62	WR-530WX	114.75
11/U	52	20.5	.405"	WRC-108	.11	WR-532	9.90	WR-533WX	90.00
11A/U	52	20.5	.405"	WRC-109	.12	WR-535	11.18	WR-536WX	101.25
58/U	52	28.5	.195"	WRC-110	.05	WR-538	4.87	WR-539WX	44.25
58A/U	52	28.5	.195"	WRC-111	.06	WR-541	4.95	WR-542WX	45.00
59/U	52	21	.242"	WRC-112	.05	WR-544	4.46	WR-545WX	40.50

UHF-VHF TWIN-LEAD TV-FM-MPX



Economy

300 OHM TWIN LEAD

BROWN. High quality, low-loss lead-in for all TV and FM installations. Polyethylene dielectric — standard copper leads. Per 100 ft. Only in lengths listed below. Shpg. wt., 2 lbs.

WR-25 100 ft.	Net .90
WR-146 500 ft.	Net 4.25
WR-147 1,000 ft.	Net 7.95
CLEAR. Same as above but clear for a better blend with the base boards.	
WR-128 100'	Net 1.10
WR-129 500'	Net 4.75
WR-130 1000'	Net 8.95

HEAVY DUTY

300 ohm brown twin lead with 80 mil thick polyethylene insulation and 20 gauge copper conductors. Shpg. wt., 2 lbs. per 100 ft. Minimum length 100 ft.

WR-152 100 ft. coil	Net 1.06
WRC-100 Per ft. (over 100 ft.)	Net .01

EXTRA HEAVY DUTY

300 ohm brown twin lead with 125 mil thick polyethylene insulation and 18 gauge stranded copper conductors. Shpg. wt., 7 lbs. per 100 ft. Minimum length 100 ft.

WR-171 100 ft. coil	Net 2.50
WRC-101 Per ft., over 100 ft.	Net .025
WR-172 1000 ft. spool	Net 22.13

SPECIAL SHIELDED FM MULTIPLEX TWIN LEAD



300 ohm twin lead for FM MPX, shielded with tinned copper for outstanding noise-resistant performance. Each conductor insulated with heavy, 20 gauge abrasion-proof black vinyl. Delivers noise-free signal from antenna to set efficiently. Only in lengths listed below. Shpg. wt., 7 lbs. per 100'

WR-161 100 ft. coil	Net 8.98
WR-162WX 500-ft. spool	Net 43.01
WR-163WX 1000-ft. spool	Net 82.44

TUBULAR UHF-VHF TWIN LEAD

Very low loss 300 ohm airspaced tubular twin lead, brown polyethylene insulation, copper conductors. Only available in 100 ft. colls. Shpg. wt., 3 lbs. WR-46 100 ft. coll. Net 2.50

SEA COASTER

300 ohm lead especially designed for coastal areas. 20 gauge copper conductors incased in low loss polyethylene with tough overall poly jacket. Shpg. wt., 3 lbs. 100 ft. Only in 100 ft. lengths. WR-170 100 ft. coil Net 4.65

LOW LOSS UHF-VHF OPEN LINE

300 OHM. Lowest possible line loss-perfect impedance match. May be used interchangeably with tubular or 300 ohm flat without mismatching! Attenuation averages only 1.9 db over entire UHF band. No. 18 copperweld wire—pure polyethylene separators spaced at 6". Spaced only 1/2" between conductors — may be used with standard stand-off insulators. Shpg. wt., 2 1/2 lbs. per 100'. Available only in lengths listed below.

WR-22 100 ft.	Net 2.15
WR-148 Per 250 ft. coil	Net 4.85
WR-149 500 ft. Spool	Net 9.70
450 OHM. Similar to above 1" spacing between conductors.	
WR-125 100 ft.	Net 1.90
WR-126 250 ft.	Net 4.50
WR-127 500 ft.	Net 8.59

NEW! LOW LOSS POLYFOAM COAX RG 8/U



New foam polyethylene coaxial cable increases signal strength up to 35%. Use whenever low loss 50 ohm cable is required. Attenuation and capacitance approximately 15% less than standard RG-8U; low loss foam polyethylene cable has same core, braid and jacket as standard RG-8U, but uses a larger center conductor to maintain 50 ohm nominal impedance.

WR-103 Per ft.	Net .15
WR-166 100 ft. coll	Net 13.50
WR-167WX 1000 ft. spool	Net 120.00

ZIP-CORDS MINIATURE PARALLEL CABLE

Multi purpose miniature zip cord. 2 conductor, 24 gauge stranded. Extremely flexible for Hi-Fi installations, auto speakers, low voltage control, etc. Available in white, brown, gray, clear. Please specify color. Average shpg. wt., 2 lbs. per 100 ft.

WR-157C 25 ft.	Net .42
WR-158C 50 ft.	Net .70
WR-159C 100 ft.	Net 1.20

SPEAKER — LAMP CORDS

U.L. approved, 2 cond., No. 18 zip cord. For lamp cord, speaker extensions, etc. POT is plastic insulation. POSJ is rubber insulation. Shpg. wt., 3 lbs. per 100 ft. Brown. Only in lengths below.

WR-35 POT 100 Ft.	Net 1.88
WR-47 POT 250 Ft.	Net 4.50
WR-34 POSJ 100 Ft.	Net 2.40
WR-48 POSJ 250 Ft.	Net 5.35

FIBERGLASS GUY LINE

● Revolutionizes Ham and TV Antenna Systems ● Non-Metallic Guy Line

A non-inductive, non-conducting, non-absorbing guy line for minimum loss. Provides 1000 pounds tensile strength. Eliminates unwanted radiation losses. Completely isolates the antenna system. Will not rot, shrink, stretch, or sag. Only in lengths listed below.

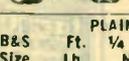
HP-55 Shpg. wt., 2 1/2 lbs.	
Per 100' spool	Net 5.35
HP-56 Shpg. wt., 15 lbs.	
Per 600' reel	Net 31.54

ROTOR CABLES



4 CONDUCTOR FLAT. Flexible stranded No. 20 copper encased in tough plastic insulation. Shpg. wt., 3 lbs. per 100 ft. coll

WR-151 100 ft. coll.	Net 2.50
WRC-104 less than 100 ft., per ft.	Net .03
over 100 ft., per ft.	Net .025
8 CONDUCTOR ROUND. Vinyl insulated, vinyl jacket. In 100 ft. coils only.	
WR-446 100 ft. coll	Net 4.20



MAGNET WIRE

Finest quality. Available in plain enamel or heavy FORMVAR insulation.

B&S Size	PLAIN ENAMELED		Spool No.	Spool Net
	1/4 Lb.	1/2 Lb.		
16	125	WR-70	.38	WR-71 .60
18	202	WR-72	.38	WR-73 .62
20	319	WR-74	.38	WR-75 .62
22	506	WR-76	.40	WR-77 .65
24	804	WR-78	.42	WR-79 .65
26	1280	WR-80	.44	WR-81 .71
28	2030	WR-82	.46	WR-83 .75
30	3220	WR-84	.50	WR-85 .83
32	5100	WR-86	.52	WR-87 .84
34	8080	WR-88	.55	WR-89 .92
36	12,800	WR-90	.67	WR-91 .95
38	20,300	WR-92	.85	WR-93 1.62

HEAVY FORMVAR IN 1 LB. SPOOLS

Stock No.	B&S Size	Feet	Net
WR-96	14	78	1.13
WR-97	16	124	1.12
WR-98	18	198	1.14
WR-99	20	313	1.20
WR-100	22	501	1.26
WR-101	24	798	1.34
WR-102	26	1200	1.46
WR-103	28	1999	1.59
WR-104	30	3200	1.79
WR-105	32	3900	1.97
WR-106	34	7950	2.10
WR-107	36	12,800	2.54
WR-108	38	20,000	3.20
WR-109	40	31,700	5.45

"SILVERLINE" TWIN LEAD



Heavy duty 300 ohm lead-in. Insulated with "Silver" polyethylene. Provides unchanging electrical and physical characteristics and remarkable durability. Blends with home color schemes and assures long, trouble-free service. Shpg. wt., 4 lbs. per 100 ft.

WRC-105 Per ft.	Net .03
Per 100 ft.	Net 2.25

LIFELINE COPPERWELD TWIN LEAD



● Guaranteed for The Life of Your Antenna ● Special Dispenser Package

Guarantee: If this deluxe 300 ohm line fails to last the life of your antenna we will replace it at no charge. 20 Gauge Copperweld (steel clad copper) conductors with finest brown polyethylene insulation. Chemically protected against deterioration. Special "waste free" dispenser package. Shpg. wt., 3 1/2 lbs. Minimum length 100 ft.

WR-164 100 ft. package	Net 1.98
WRC-102 Bulk per ft. (over 100 ft.)	Net .018

BELDEN 300 OHM TWIN LEAD

Type 8225. Fig. A. For TV and FM antennas. Low-loss polyethylene insulation. One lead tinned, one bare. Stranded No. 20 (7x28). Shpg. wt. 100 ft., 2 lbs.

WR-352 50 ft. Coil	Net 1.11
WR-353 75 ft. Coil	Net 1.40
WR-354 100 ft. Coil	Net 1.62
WRC-54 Over 100 ft., per ft.	Net .016
Type 8235. Fig. B. Low-loss 300-ohm line for UHF or VHF TV antennas. Resists oxidation and sun; made with 100% virgin polyethylene web. 18 gauge (7x26) stranded Weldohm wire; copper with steel core for maximum strength.	
WR-358 100 ft. Coil	Shpg. wt. 100 ft., 5 lbs. Net 4.70
WRC-56 Over 100 ft., per ft.	Net .047
Type 8230. Fig. A. "Weldohm" copper coated steel wire. Polyethylene insulation. Almost twice as strong as plain copper. Perfect for long runs. Stranded No. 20 (7x28). Shpg. wt. 100 ft., 2 lbs.	
WR-355 50 ft. Coil	Net 1.25
WR-356 75 ft. Coil	Net 1.67
WR-357 100 ft. Coil	Net 2.09
WRC-55 Over 100 ft., per ft.	Net .02
Type 8285. Fig. C. Encapsulated in low loss cellular polyethylene. Delivers a strong signal on all channels VHF or UHF. A must for color T.V. 2 Conductor #22 (7x30) stranded copper weld conductors. Shpg. wt., 4 lbs. per 100'	
WR-359 50 ft.	Net 2.79
WR-442 75 ft.	Net 4.12
WR-360 100 ft.	Net 5.29

SERVICE WIRE and CABLE-INDUSTRIAL WIRE

ALPHA STEREO PHONO PICKUP ARM WIRE

Stereo wire for all stereo cartridges (ceramic, magnetic, crystal) and tone arms. Extremely flexible, lightweight, 2, 3 and 4 conductor, twisted, miniature, color-coded cables. Designed for extremely low hum and noise pickup for best stereo performance. Tops for stereo conversion of monaural arms. Shpg. wt., 10 ft., 5 oz.; 100 ft., 2 lbs. Available only in lengths listed. † Shielded O/A * Individually shielded

Alpha No.	Con.	O.D.	10 Ft. Stk. No.	Net	100 Ft. Stk. No.	Net
1100	2	.047"	WR-200	.40	WR-319	2.75
1101	3	.053"	WR-203	.52	WR-314	3.85
1102	4	.061"	WR-206	.64	WR-315	5.06
1105	2†	.055"	WR-209	.59	WR-316	4.69
1106	3†	.061"	WR-212	.67	WR-317	5.37
1107	4†	.068"	WR-215	.76	WR-318	6.31
1110	2*	.063"	WR-218	.71	WR-319	5.73

ALPHA MIL-W76B PLASTIC HOOK UP WIRE

Tinned copper conductor, color coded .016 nominal wall thickness. Polyvinylchloride insulation, -40° to 80°C, 1000 volts. Stocked in colors listed below. Also available in all standard tracer colors. Write for quotation. Average shpg. wt., 100' = 1 1/4 lbs., 1000' = 7 lbs.
 (1) White (4) Green (7) Brown (10) Violet
 (2) Black (5) Yellow (8) Orange (11) Tan (12) Pink
 (3) Red (6) Light Blue (9) Gray (13) Dark Blue

STRANDED WIRE

Stock #	Alpha #	MIL-W76B	Cond Size	Length Ft.	Net
WR-320C	5110	MW-C24(7)u	24	100	.93
WR-321C	5110	MW-C24(7)u	24	1000	5.25
WR-322C	5111	MW-C22(7)u	22	100	.93
WR-323C	5111	MW-C22(19)u	22	1000	5.85
WR-324C	5113	MW-C18(10)u	20	100	1.05
WR-325C	5113	MW-C18(10)u	20	1000	7.15
WR-326C	5115	MW-C16(16)u	18	100	1.23
WR-327C	5115	MW-C16(16)u	18	1000	9.10
WR-328C	5117	MW-C16(26)u	16	100	1.58
WR-329C	5117	MW-C16(26)u	16	1000	11.85
WR-330C	5119	MW-C14(41)u	14	100	2.03
WR-331C	5119	MW-C14(41)u	14	1000	17.25
WR-332C	5120	MW-C12(65)u	12	100	2.85
WR-333C	5120	MW-C12(65)u	12	1000	24.00

SOLID WIRE

WR-334C	5121	MW-C22(1)u	22	100	.74
WR-335C	5121	MW-C22(1)u	22	1000	4.50
WR-336C	5123	MW-C20(1)u	20	100	.96
WR-337C	5123	MW-C20(1)u	20	1000	5.40
WR-338C	5125	MW-C18(1)u	18	100	1.15
WR-339C	5125	MW-C18(1)u	18	1000	7.50
WR-340C	5127	MW-C16(1)u	16	100	1.35
WR-341C	5127	MW-C16(1)u	16	1000	10.15

ALPHA FIT "SHRINKABLE" TUBING

Irradiated polyvinylchloride tubing with a shrinking ratio of 2:1. Will shrink 50% upon application of 163°C heat. Shrinks in 7 seconds highly flexible, insures snug fit. Ideal for cable jacketing.

Nom Size Inch	Shrinkage I.D. Prior	Shrinkage I.D. After	Nom Wall Inch	25 Ft. Stock #	Net	100 Ft. Stock #	Net
3/4	.046	.023	.020	WR-618	2.45	WR-619	8.90
1/2	.062	.031	.020	WR-620	2.54	WR-621	9.25
3/8	.093	.046	.020	WR-622	2.89	WR-623	10.65
1/4	.125	.062	.020	WR-624	3.04	WR-625	11.25
3/16	.187	.093	.025	WR-626	3.64	WR-627	13.65
1/8	.250	.125	.025	WR-628	4.48	WR-629	17.00
3/16	.375	.187	.030	WR-630	4.91	WR-631	18.75
1/4	.500	.250	.030	WR-632	5.54	WR-633	20.75
3/8	.775	.375	.035	WR-634	7.29	WR-635	27.75
1/2	1.000	.500	.040	WR-636	10.35	WR-637	40.00
3/4	1.500	.750	.045	WR-638	16.79	WR-639	65.75

Nom Size Inch	Shrinkage I.D. Prior	Shrinkage I.D. After	Nom Wall Inch	10 Ft. Stock #	Net	25 Ft. Stock #	Net	50 Ft. Stock #	Net
2	2.000	1.000	.050	WR-640	9.93	WR-641	24.54	WR-642	48.37
3	3.000	1.500	.055	WR-643	16.00	WR-644	39.72	WR-645	78.75
4	4.000	2.000	.060	WR-646	23.00	WR-647	57.22	WR-648	113.75

HOT AIR GUN FOR ABOVE

Net 41.25

ASSORTED SPAGHETTI

24 piece assortment. 8" lengths. Various colors and diameters MS-46 Shpg. wt., 4 ozs. Net 27

SHIELDED PHONO PICKUP CABLE

BELDEN TYPE 8431. Extremely limp and flexible. No. 24 stranded (16x36) tinned copper, rubber covered, tinned copper shield, brown cotton outer jacket. Only in lengths listed below. Shpg. wt., 100 ft., 2 lbs.

WR-386	15 ft. coll.	Net each	.73
WR-387	25 ft. coll.	Net each	1.11
WR-388	100 ft. coll.	Net each	3.38

BELDEN PHONO PICKUP CABLE

BELDEN 8430. Flexible, stranded twisted pair. Coded red and black. Small diameter. Shpg. wt., 4 oz. WR-385 25 ft. Net .67

BELDEN TEST PROD WIRE

Extremely flexible, limp rubber covered hi-voltage lead. No. 18 stranded, tinned, cotton wrap. 8899 for 5000 working volts. 8898 for 10,000 working volts. Specify red or black. Shpg. wt., 100 ft., 2 lbs.

Belden No.	10 Ft. Stk. No.	Net	25 Ft. Stk. No.	Net	100 Ft. Stk. No.	Net
8899	WR-421C	.58	WR-422C	.88	WR-423C	2.50
8898	WR-418C	.78	WR-419C	1.47	WR-420C	3.92

BELDEN ACETATE HOOK-UP WIRE

Excellent quality hook-up wire 1000V. AC insulation breakdown rating. Tinned copper conductor, heavy cellulose acetate yarn wrap and cellulose yarn braid. Lacquer coated for fungus and flame resistance. DC insulation resistance is 200 megs minimum. Colors: 8938 and 8942 in red and black only. Others in red, black, blue, green and yellow. Specify color when ordering. Available only in lengths listed below.

Beld No.	25 Ft. Stk. No.	Net	100 Ft. Stk. No.	Net	1000 Ft. Stk. No.	Net
8941	20†	WR-425C .62	WR-426C 1.59	WR-427C 11.76		
8943	20*	WR-430C .62	WR-431C 1.62	WR-432C 12.54		
8945	18†	WR-434C 1.70	WR-435C 13.92			
8947	18*	WR-437C 1.84	WR-438C 15.58			
8942	16*	WR-428C 2.16	WR-429C 18.37			
8938	14*	WR-424C 2.89				

BELDEN 8817 LITZ WIRE

Copper Celenamel insulated nylon wrap. 5x44 stranded O.D. .008" for rewinding RF coils, antenna primaries, etc. 100' spool. Shpg. wt., 4 oz. Net .29

BELDEN CATHODE RAY TUBE CABLE

BELDEN 8868 CRT cables with No. 22 stranded tinned copper polyethylene insulation. Reduces corona. Long life construction. Red vinyl jacket. O.D. .150". Working voltage 25,000; breakdown voltage 50,000. Only in lengths listed below.

WR-493	25 ft. spool	Net	.73
WR-494	100 ft. spool	Net	2.35

ANTENNA WIRE COPPER AND COPPERWELD

Finest grade high tensile strength copper for all antenna requirements. Avg. shpg. wt., 1 lb. Only in lengths listed below.

WR-64	75 ft. 7/22 bare	Net	1.11
WR-65	100 ft. 7/22 bare	Net	1.47
WR-63	75 ft. 7/24 bare	Net	.75
WR-66	100 ft. 7/24 bare	Net	.96
WR-62	75 ft. 7/26 bare	Net	.65
WR-67	100 ft. 7/26 bare	Net	.85
WR-68	100 ft. 12 solid enamel	Net	1.28
WR-69	100 ft. 12 solid enamel	Net	2.62

COPPERWELD Steel clad copper for ham antennas, commercial installations, non-stretch, hard drawn high conductivity copperweld wire.

WR-155	75 ft. 12 solid copperweld	Net	1.85
WR-156	100 ft. 12 solid copperweld	Net	2.40
WR-153	75 ft. 14 solid copperweld	Net	1.55
WR-154	100 ft. 14 solid copperweld	Net	1.96

INTERCOM WIRE

2-conductor Twisted: Flexible, tinned copper with plastic insulation over each conductor. Shpg. wt., 2 lbs. per 100 ft. Available only in lengths listed below.

WR-12	100 ft. coll	Net	.89
WR-13	250 ft. spool	Net	1.95

3 conductor twisted. Same construction as above. Shpg. wt., 3 lbs. per 100 ft.

WR-14	100 ft. coll	Net	1.25
WR-15	250 ft. spool	Net	2.59

3 conductor twisted. Same construction as above but with outer plastic jacket overall. Shpg. wt., 3 lbs. per 100 ft.

WR-16	100 ft. coll	Net	1.95
WR-17	250 ft. spool	Net	4.50

PUSH-BACK WIRE

No stripping necessary. Just push back double cotton covered paraffin damp-proofed braid and wire is exposed. No. 20 gauge stranded or solid. In red, green, black, blue or yellow. Specify color. Shpg. wt., 100 ft., 1 lb.

WR-110C	25 ft. stranded	Net	.35
WR-111C	100 ft. stranded	Net	1.26
WR-112C	25 ft. solid	Net	.34
WR-113C	100 ft. solid	Net	1.23

ALPHA TEFLON HOOK UP WIRE MIL-W-16878D-TYPE E EXTRUDED

Stranded silver plated copper, .008" minimum wall thickness extruded TFS Teflon insulation. -65°C to +200°C, voltage rating: 600 volts. Stocked in solid colors: white, black, red, green, yellow, light blue, brown, orange, gray, and violet. Also available in tracer colors. Write for quotation. Avg. shpg. wt., 100 ft = 1/2 lb., 500 ft. = 3 lbs., 100 ft. = 5 lbs.

Alpha #	Conductor Size	Strand (Inch)	Min D.D. (Inch)	100 Ft. Stock #	Net	500 Ft. Stock #	Net	1000 Ft. Stock #	Net
5851	30	7/38	.028	WR-342C	3.66	WR-343C	16.98	WR-344C	32.75
5852	28	7/36	.031	WR-345C	3.54	WR-346C	16.35	WR-347C	31.50
5853	26	7/34	.035	WR-600C	3.75	WR-601C	17.48	WR-602C	33.75
5854	24	19/36	.040	WR-603C	3.92	WR-604C	18.30	WR-605C	35.40
5855	22	19/34	.046	WR-606C	4.39	WR-607C	20.67	WR-608C	40.13
5856	20	19/32	.054	WR-609C	5.44	WR-610C	25.92	WR-611C	50.63
5857	18	19/30	.064	WR-612C	7.02	WR-613C	33.79	WR-614C	66.38
5858	16	19/29	.073	WR-615C	8.70	WR-616C	42.22	WR-617C	83.25

ALPHA FIT CAPS

Shrinkable tubing, sealed at one end, to act as termination cap.

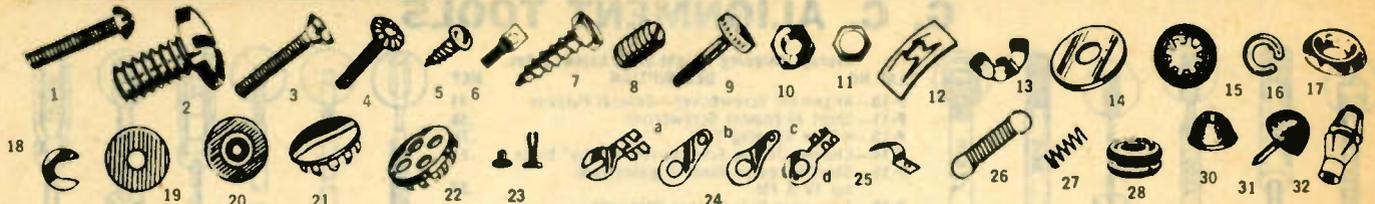
Alpha No.	I.D. Prior	Shrinkage	I.D. After	Nom Wall Inch	Stocks Color	Pkg. of 100 Stock #	Net	Pkg. of 1000 Stock #	Net
CAP-1	.063	.025	.016	White	WR-649	4.14	WR-650	35.50	
CAP-2	.125	.050	.020	Red	WR-651	5.09	WR-652	44.00	
CAP-3	.250	.100	.025	Slate	WR-653	6.19	WR-654	54.00	
CAP-4	.500	.200	.030	Black	WR-655	7.61	WR-656	66.80	

ALPHA SHRINKABLE WIRE MARKERS

Each assortment contains 100 markers. Ass't. with * has 2 each, numerals 1-50, others contain 4 each. Complete alphabet, all black.

Stock #	Alphlex #	I.D. Prior	Shrinkage	I.D. After	Net
WR-657	MRK-A-NS*		.098	.049	3.00
WR-658	MRK-B-NS*		.122	.061	3.00
WR-659	MRK-C-NS*		.178	.089	3.00
WR-660	MRK-A-LS		.098	.049	3.00
WR-661	MRK-B-LS		.122	.061	3.00
WR-662	MRK-C-LS		.178	.089	3.00

G.C. and WALDOM Radio & T.V. Hardware and Chemicals



Size	35c Box Stock No.	Qty.	Box of 100 Stock No.	Net	Stock No.	Net
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Fig. 1 — Round Head Machine Screws

4-36x1/4"	P-80	40	P-170	.47	P-321	3.79
4-36x1/2"	P-81	35	P-82	.51	P-322	4.10
4-36x3/4"	P-83	35	P-84	.59	P-323	4.77
6-32x1/4"	P-85	40	P-86	.52	P-324	4.17
6-32x1/2"	P-87	30	P-88	.61	P-325	4.83
6-32x3/4"	P-89	30	P-90	.72	P-326	5.68
6-32x1"	P-91	30	P-92	.81	P-327	6.54
6-32x1 1/4"	P-93	30	P-94	.98	P-328	7.84
8-32x1/4"	P-95	30	P-96	.69	P-329	5.44
8-32x3/8"	P-97	25	P-98	.73	P-330	5.86
8-32x1/2"	P-99	25	P-100	.80	P-331	6.35
8-32x3/4"	P-101	25	P-102	.91	P-332	7.27
8-32x1"	P-103	20	P-104	1.01	P-333	8.33
10-32x1/2"	P-105	20	P-106	.93	P-334	7.48
10-32x3/4"	P-107	20	P-108	1.10	P-335	8.75
10-32x1"	P-109	17	P-110	1.23	P-336	9.85

Fig. 2 — Binding Head Machine Screws

5-36x1/4"	P-111	—	—	—	—	—
6-32x1/4"	P-112	35	P-113	.52	P-337	4.12
6-32x1/2"	P-114	35	P-115	.52	P-338	4.15
7-32x3/8"	P-116	30	P-117	1.54	P-339	12.23

Fig. 3 — Oval Head Rack & Cabinet Screws

6-32x3/4"	P-118	30	P-119	.72	P-340	5.68
8-32x3/4"	P-120	25	P-121	.91	P-341	7.27
10-32x3/4"	P-122	20	P-123	1.10	P-342	8.75

Fig. 4 — Ornamental Head Screws

6-32x3/4"	P-124	20	—	—	—	—
6-32x1"	P-125	20	P-126	1.24	P-343	10.06
8-32x1"	P-127	20	P-128	1.37	P-344	11.06
8-32x1 1/4"	P-129	12	P-130	1.93	P-345	14.99

Fig. 5 — Wood Screws

No. 4x1/2"	P-131	25	—	—	—	—
No. 6x3/4"	—	—	P-132	.76	P-346	6.11
No. 6x1"	—	—	P-133	.95	P-347	7.58
—	—	—	P-134	1.18	P-348	9.38

Fig. 6 — Spade Bolt #6 Hole

6-32x7/8"	P-135	6	—	—	—	—
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Fig. 7 — Self Tapping Sheet Metal Screws

No. 4x1/2"	P-137	25	—	—	—	—
No. 6x1/4"	P-138	35	P-139	.72	P-397	5.88
No. 6x1/2"	P-140	30	P-141	.83	P-398	6.69
No. 6x1 1/2"	P-142	25	P-143	.90	P-399	7.17
No. 8x1/2"	P-144	20	P-145	1.06	P-400	8.46
No. 10x1/2"	P-146	15	P-147	1.25	P-401	9.93

Size	35c Box Stock No.	Qty.	Box of 100 Stock No.	Net	Box of 1000 Stock No.	Net
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Fig. 8 — Knob Set Screws

Asst'd.	P-148	15	—	—	—	—
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Fig. 9 — Needle Set Screws

Asst'd.	P-149	12	—	—	—	—
2-56x3/16"	P-150	12	P-151	.65	P-402	5.17
1-72x3/32"	P-152	12	P-153	1.64	P-403	13.05

Fig. 2 — Phono Cartridge Mtg. Screws

Asst'd.	P-154	60	—	—	—	—
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Fig. 10 — Hex Nuts

Asst'd.	P-155	30	—	—	—	—
4-36x1/4"	P-156	30	P-157	.66	P-404	5.17
6-32x1/4"	P-158	30	P-159	.67	P-405	5.41
6-32x3/8"	P-160	30	P-161	.72	P-406	5.70
8-32x1/4"	P-162	30	P-163	.72	P-407	5.73
8-32x1 1/2"	P-164	30	P-165	.72	P-408	5.73
10-32x3/8"	P-166	30	P-167	.95	P-409	7.53

Fig. 11 — Mounting Nuts

Asst'd.	P-168	12	—	—	—	—
Vol. Cont.	P-169	15	—	—	—	—
Toggle Sw.	P-171	10	—	—	—	—
Ring Nut	P-172	8	—	—	—	—

Fig. 12 — Speed Nut

Asst'd.	P-173	30	—	—	—	—
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Fig. 12 — Acorn Nuts

Asst'd.	P-174	10	—	—	—	—
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Fig. 13 — Wing Nuts

6-32	P-175	10	P-176	3.25	P-425	25.99
8-32	P-177	10	P-178	2.40	P-426	19.26
10-32	P-179	8	P-180	2.68	P-427	21.46

Fig. 14 — Metal Washers

Asst'd.	P-181	80	—	—	—	—
No. 6	—	—	P-183	.27	P-428	2.21
No. 8	—	—	P-185	.29	P-429	2.32

Fig. 15 — Lock Washers

No. 6	P-186	50	P-187	.44	P-430	3.56
No. 8	P-188	50	P-189	.49	P-431	3.90
No. 10	P-190	45	P-191	.49	P-432	3.90

Fig. 16 — Split Lock Washers

No. 6	P-192	.47	P-433	3.82	—	—
No. 8	P-193	.46	P-434	3.63	—	—
No. 10	P-194	.53	P-435	4.23	—	—

Fig. 17 — Cup Washers

No. 6	P-196	.39	P-436	3.12	—	—
No. 8	P-198	.41	P-437	3.31	—	—
No. 10	P-199	.55	P-438	4.38	—	—

Size	35c Box Stock No.	Qty.	Box of 100 Stock No.	Net	Box of 1000 Stock No.	Net
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Fig. 18 — C Washers

Asst'd.	P-201	25	—	—	—	—
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Fig. 19 — Flat Fibre Washers

Asst'd.	P-202	35	—	—	—	—
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Fig. 20 — Extruded Fibre Washers

Asst'd.	P-203	30	—	—	—	—
3/8"	P-204	20	P-205	.96	P-439	7.76

Fig. 21 — Hole Plugs

1/4"	P-206	8	P-207	2.20	P-440	17.64
3/8"	P-208	8	P-209	3.02	P-441	24.11
1/2"	P-210	6	P-211	3.02	P-442	24.11
3/4"	P-212	5	P-213	3.50	P-443	28.22
1"	P-214	6	P-215	4.85	P-444	38.81

Fig. 22 — Vent Hole Plug

P-216	4	P-217	7.94	P-445	63.86	—
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Fig. 23 — Snap-In Trimounts

Asst'd.	P-304	20	—	—	—	—
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Fig. 24 — Solder Lugs

No. 8A	P-218	25	P-219	1.18	P-446	9.38
No. 8B	P-220	30	P-221	.85	P-447	6.74
No. 8C	P-222	25	P-223	1.81	P-448	14.55
No. 8D	P-224	25	P-225	1.11	P-449	8.94
No. 10D	P-226	25	P-227	1.11	P-501	8.94

Fig. 25 — Cable Clamps

1/4-3/8"	P-228	25	P-229	.96	P-502	7.67
3/8-1/4"	P-230	20	P-231	1.10	P-503	8.70
3/8-1/2"	P-232	15	P-233	1.24	P-504	9.93

Fig. 26 — Tension Springs

Asst'd. Large	P-234	10	—	—	—	—
Asst'd. Small	P-235	10	—	—	—	—

Fig. 27 — Compression Springs

Asst'd. Small	P-236	15	—	—	—	—
Asst'd. Large	P-237	15	—	—	—	—

Fig. 28 — Rubber Grommets Mtg. Hole Size Shown

1/4"	P-238	16	P-239	1.10	P-505	8.75
3/8"	P-240	14	P-241	1.24	P-506	9.88
1/2"	P-242	12	P-243	1.65	P-507	13.23
3/4"	P-244	10	P-245	1.86	P-508	14.85
5/8"	P-246	8	P-247	2.82	P-509	25.87

Fig. 30 — Rubber Feet

Asst'd.	P-249	30	—	—	—	—
3/8" O.D.	P-250	8	P-251	.90	P-510	7.15
5/8" O.D.	P-252	8	P-253	2.18	P-511	17.39

Fig. 31 — Rubber Tack Bumpers

5/8" O.D.	P-254	10	P-255	1.81	P-512	14.48
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Fig. 32 — Cord Strain Relief For Post

P-256	5	P-257	5.16	P-513	41.27	—
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LAFAYETTE "Sprazon" — ENAMEL & PROTECTIVE SPRAYS

SPRAY PAINT

Modern fast way to paint. Give a lasting finish to all types of surfaces. Time tested alkyd resin spray enamel base. Made by dependable chemists under the strictest quality control, superior in quality and performance. Can be used on garden tools, furniture, boats, appliances, tools, automobiles, furnaces, kitchen cabinets. Picture frames and etc. 16 oz. can. Shpg. wt., 1 1/2 lbs.

Stock No.	Color
P-480	Glossy White
P-481	Flat White
P-482	Ivory
P-483	Glossy Black
P-484	Flat Black
P-485	Machine Gray
P-486	Dove Gray
P-487	Cherry Red
P-488	Baby Pink
P-489	Regal Blue
P-490	Alpine Blue
P-491	Hunter Green
P-492	Mist Green
P-493	Orange Flame
P-494	Bright Yellow
P-495	Pastel Yellow
P-496	Brown
P-497	Bright Silver
P-498	Bright Gold

16-oz. can, **.89** ea.
Any 3, **.79** ea.

CRYSTAL CLEAR PROTECTIVE SPRAY

Forms a clear protective coating on metal, wood, paper, etc. Has high weather proofing qualities. 16 oz. can. Shpg. wt., 1 1/2 lbs.

P-499 Net ea. .89
Lots of 3 ea. .79

ALL PURPOSE PRIMER

Provides excellent bond on bare metal surfaces. Available in gray only. 16 oz. can. Shpg. wt., 1 1/2 lbs.

P-500 Net ea. .89
Lots of 3 ea. .79

DUPONT NYLON NUT KIT

• Fits Over 250 Combinations of Thread Sizes
• Self Tapping! Self Locking

A selection of 21 tough Dupont Nylon nuts for hundreds of uses in the home or shop. Fits sizes from 1/4" to 3/8" diameter. The nylon nut is strong, durable and lightweight with outstanding resistance to vibration, impact, corrosion, hot and cold temperatures, and chemical erosion. Fits over 250 combinations of thread sizes—U.S., foreign, left hand, right hand, wood screws. Self tapping, self locking.

HO-789 Shpg. wt., 3 oz. Net .73

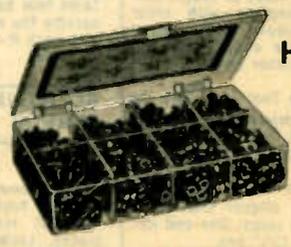


MASTER NYLON NUT KIT

Mechanic's assortment of over 70 nylon nuts described above. Covered, compartmented plastic case.

HG-202 Shpg. wt., 6 oz. Net 1.49

WALDOM HARDWARE KITS



159

SELF-TAPPING SHEET METAL KIT
Contains balanced assortment of plated self-tapping, slotted hex head sheet metal screws in sizes: #4 x 3/8, #6 x 1/4, #6 x 1/2, #6 x 3/4, #8 x 1/4, #8 x 3/8, #8 x 1/2, and #8 x 3/4. Total of 165 pieces in handy compartmented plastic box with hinged cover. Shpg. wt., 1 lb
P-317 Net 1.59

MACHINE SCREWS, NUTS AND SHEET METAL SCREW KIT
Packed as above. Contains round-head steel plated machine screws in sizes: 4-40 x 1/2, 6-32 x 1/4, 6-32 x 3/4, 8-32 x 1/2, sheet metal screws, #6 x 1/2 and assortment of nuts. Total of 265 pieces. Shpg. wt., 1 lb.
P-318 Net 1.59

BINDER HEAD ASST.
Same as above but machine screws have binder heads.
P-319 Net 1.59

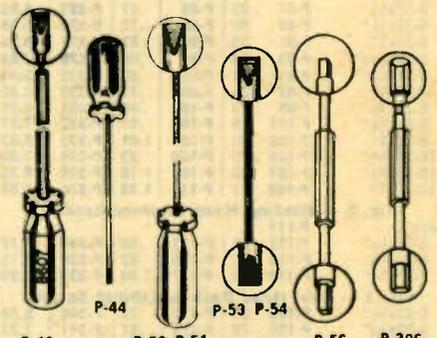
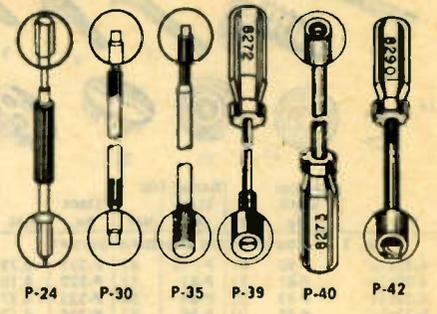
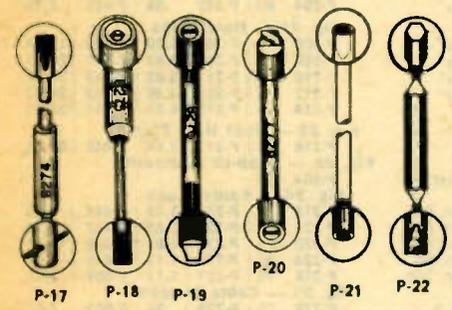
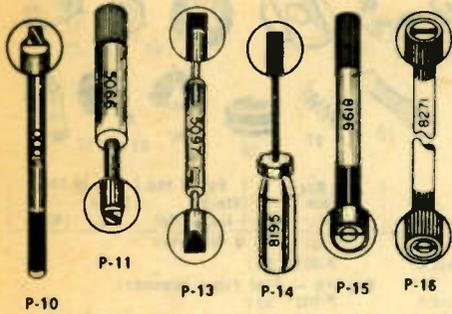
WOOD SCREW KIT
In same handy box. Contains assortment of 131 round head and flat head plated wood screws in 8 sizes for #4, 6 and 8 holes. Shpg. wt., 1 lb.
P-320 Net 1.59

ALIGNMENT TOOLS AND SERVICE AIDS

G. C. ALIGNMENT TOOLS

Average Shipping Weight of all below: 8 Ozs.

LAF NO.	DESCRIPTION	NET
P-10	Alignment Screwdriver—General Purpose	.41
P-11	Short Alignment Screwdriver	.36
P-13	K-Tran Aligning Tool	.76
P-14	Channel Tuning Screwdriver with 1/8" blade	.71
P-15	Short Recessed Blade Aligning Tool for TV & FM	.37
P-16	Television Core Aligner (Motorola, Stewart-Warner, etc.)	.56
P-17	TV Long-Reach Aligner (Admiral, Zenith, RCA, etc.)	.81
P-18	TV Zenith Universal Aligner	.51
P-19	TV All-Purpose Duplex Aligner	.51
P-20	TV "Shorty" All-Purpose Duplex Aligner	.52
P-21	TV Tuning Wand	.52
P-22	Zenith TV Wrench & Aligner	.36
P-24	Zenith Nylon Hex Wrench	.47
P-30	Slug Tuner Adjusting Tool	.65
P-35	Westinghouse Tool	.56
P-39	TV I. F. Oscillator Tool (RCA, G-E, Philco, Admiral, etc.)	1.10
P-40	TV All-Purpose Aligner, recessed blade	.67
P-42	Universal Screwdriver Aligner	.62
P-43	Nylon TV Long-Reach Aligner	1.47
P-44	6" Non-Magnetic Beryllium Aligning Screwdriver 1/8"	.85
P-50	X-57 Slim Line Aligning Screwdriver 7"	.52
P-51	X-57 Slim Line Aligning Screwdriver 12"	.91
P-53	TV Long-Reach Insulated Screwdriver (1/8" blade)	.42
P-54	TV 12" Long-Reach Insulated Screwdriver (1/8" blade)	.52
P-56	Transistor I.F. core alignment tool	.62
P-305	Shorty Alignment Tool Recessed Driver with 1/8" Blade	.47
P-306	5" .125 Hex Nylon Double End Iron Core Tool	.47



GENERAL CEMENT TEL-A-TURN ALIGNMENT TOOLS

General Cement brings you the most sensational alignment tool ever developed. It automatically counts the turns right or left. Just insert the tool in screw head or slug, line up calibrator sleeve in center scale, and while holding sleeve steady in one hand rotate tool in either direction as required, read the number of turns on calibrator sleeve and use as a reference. Tools are made of tough, durable, polyester fiberglass with clear plastic calibration sleeve. Shpg. wt., 2 oz. IF Aligner, double ended. One end fits a #4 stud, the other end fits a #6 stud.

P-76 Tel-a-Turn Tool Net .96

An alignment screw driver with standard metal tip at one end. The other end has very thin 7.64" metal blade for small can openings.

P-77 Tel-a-Turn Tool Net .96

A double-ended Hex aligner that turns both top and bottom slugs. One end has .100" hex, other is .125" hex.

P-78 Tel-a-Turn Tool Net .96

INSPECTION MIRROR

P-38 .41

Made of metal shaft with 1" dia. glass mirror and plastic handle. Length 7 7/8". Shpg. wt., 5 oz.

P-38 Net .41

24" PICK-UP TOOL

P-514 .96

Has mechanical fingers that will pick up and hold screws, nuts, and bolts. Just press button to open, release button to close. Flexible shaft. Shpg. wt., 4 oz.

P-514 Net .96

STANDARD T.V. ALIGNMENT TOOL KIT 467

Contains 9 essential tools in roll-type case. One each P-13, P-14, P-15, P-16, P-17, P-18, P-19, P-21, P-39.

P-307 Shpg. wt., 8 oz. Net 4.67

G.C. TV ALIGNMENT TOOL KIT

A handy, all-purpose TV kit put up in a convenient plastic container. Kit contains four basic essential tools that will service the majority of TV sets. Contains one each P-40, P-41, P-42, P-305. Shpg. wt., 1 lb.

P-75 Net 1.91

GC ILLUMINATED MIRROR 198

Battery powered, hinge mounted, inspecting tool with insulated shaft; perfect for inspecting in out-of-the-way places. Locking switch for on-off and one-hand operation. Comes with bulb but less batteries (2 standard penlight cells). 12 1/4" long.

P-70 Illuminated Inspection Mirror, Shpg. wt., 1 lb. Net 1.98

Batteries for above.

BA-155 .13 ea.

RETMA COLOR CODING KIT 144

Complete kit of all standard RETMA colors. Black, brown, red, orange, yellow, green, blue, purple, gray and white. Brilliant — durable colors. Complete with brushes and RETMA color code chart. Shpg. wt., 2 lbs.

P-260 Net 1.44

G.C. SERVICE TWEEZERS AS LOW AS .50

Made of polished nickel-plated spring steel. Handy in shop or laboratory for starting nuts and screws, holding wires, clamping cemented items, installing dial cords, etc. Shpg. wt., 4 oz.

P-71 — Self-Closing Type. 6 1/2" long, with blunt points .76

P-72 — Heavy-Duty Type. 6 1/2" long, with slide lock and blunt points .88

P-73 — Precision Type. 4 1/2" L. pointed .50

P-74 — All 3 above in leatherette case 2.23

G.C. RADIO PHONO CHASSIS REPAIR CRADLE 485

G.C. "Quick-Rig" makes radio repair work quick and easy. Complete 360° rotation permits you to lock the chassis at the best working angle, clamps chassis securely and eliminates make shift setups. All metal, sturdy construction. Adjustable width for different sizes of turntables, etc. Shpg. wt., 5 lbs.

P-65 Net 4.85

LUMINOUS TUBE PIN STRAIGHTENER 317

Long-life, non-poisonous coating absorbs light in the day time and glows in dark. Hundreds of uses in lab, home, office, factory. Contains luminous powder — thinner — Top Koat and brushes. Shpg. wt., 2 lbs.

P-261 Net 3.17

DELUXE CABINET REPAIR KIT 644

Comes in handy metal box. Contains ten shades of shellac sticks, bottles of light and dark oil stain, bottles of metal shading varnish, polish, General Scratch Stik, alcohol lamp (with alcohol), spatula, small brushes, steel wool, sandpaper, and wiping cloth. No special skill required. Directions. Shpg. wt., 3 lbs.

P-259 6.44

SCRATCH REMOVER KIT

Combination kit of 6 colors, popular shade of wood Scratch-Stick fillers and 2 bottles scratch remover liquid — walnut and clear. Works on all light and dark wood.

P-258 Shpg. wt., 2 lbs. Net 2.21

MINIATURE TUBE PIN STRAIGHTENER

Fig. C. Small precision tube pin straighteners for miniature tubes. Steel die construction for rugged service. Shpg. wt., 6 oz.

P-518 For 7 pin miniature tube Net .73

P-519 For 9 pin miniature tube Net .73

DUPLEX TUBE PIN STRAIGHTENER

Fig. B. Combination 7 and 9 pin miniature tube straightener constructed of molded plastic with hardened steel inserts. Can be mounted. Shpg. wt., 6 oz.

P-520 Net 1.47

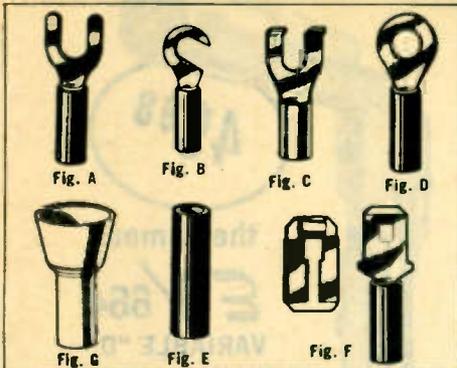
TUBE GADGET

Fig. A. Combination 7 and 9 pin miniature tube straightener and tube puller. Made of rubber with phenolic inserts. Shpg. wt., 4 oz.

P-515 Net .90

SERVICE AIDS - CHEMICALS - SOLDERLESS CONNECTORS

WALDOM "KRIMPITE" AND "INSULKRIMP" SOLDERLESS TERMINALS AND CONNECTORS



Available both in "KRIMPITE" non-insulated or "INSULKRIMP" which have permanently attached rigid vinyl plastic insulating sleeves. Sleeves will not slip off, fracture or unravel. Both types are functionally designed to crimp on rapidly and make positive, uniformly reliable connections. Constructed of annealed electrolytic copper with an electro-tin finish. Other features include strength

NON-INSULATED TYPES				INS. TYPES			
Type	Fig	Wire Range	Stud Size Wd x Lgth. No.	Stock No.	Lgth.	Stock No.	
ST	A	22-18	5-6 1/4 x 3/8	P-521	1 1/4	P-538	
ST	A	22-18	8 1/4 x 3/8	P-522	1 1/4	P-539	
ST	A	22-18	10 1/4 x 3/8	P-523	1 1/4	P-540	
ST	A	16-14	5-6 1/4 x 3/8	P-524	1 1/4	P-541	
ST	A	16-14	8 1/4 x 3/8	P-525	1 1/4	P-542	
ST	A	16-14	10 1/4 x 3/8	P-526	1 1/4	P-543	
HT	B	22-18	5-6 3/32 x 3/16	P-527	2 1/2	P-544	
FS	C	22-18	5-6 1/4 x 3/8	P-528	1 1/4	P-545	
FS	C	16-14	5-6 1/4 x 3/8	P-529	1 1/4	P-546	
RT	D	22-18	5-6 3/16 x 1/4	P-530	3/4	P-547	
RT	D	22-18	10 3/16 x 3/8	P-531	2 1/2	P-548	
RT	D	16-14	5-6 1/4 x 1/2	P-532	2 1/2	P-549	
RT	D	16-14	10 1/4 x 3/8	P-533	3/4	P-550	

gusset, one piece construction, serrated contact area, beveled edge, stamped wire range. Sold only in packages of 100. Column heads: ST is spade tongue; HT is hook tongue; FS is flanged spade; RT is ring tongue; B is butt; QDM is quick disconnect push-on-type male; GDF is female and MI is nylon insulated closed end.

BUTT CONNECTORS. (FIG. E): Length of non-insulated 3/16", insulated 1/4". *For 22-18 size wire, others for 16-14.

P-534* Non-Insul. 1-9 pkg., ea. 2.00; 10 or more, ea. 1.59
 P-551* Insulated 1-9 pkg., ea. 4.91; 10 or more, ea. 3.92
 P-535 Non-Insul. 1-9 pkg., ea. 2.00; 10 or more, ea. 1.59
 P-552 Insulated 1-9 pkg., ea. 4.91; 10 or more, ea. 3.92

QUICK DISCONNECT PUSH-ON-TYPE. (FIG. F): For H-14 size wire.

P-536 Male, non-ins., 1/4 x 3/16 L, 1-9 PKGS. 10 or More
 P-537 Female, non-ins., 1/4 x 3/16 L, 2.01 ea. 1.60 ea.
 P-553 Male insul. 1/4 x 3/16 L 1-9 PKGS. 10 or More
 P-554 Female insul. 1/4 x 3/16 L 4.46 3.56

NYLON INSULATED CLOSED END CONNECTORS. (FIG. G).

*Wire Range 22-14, *16-10. Tin plated seamless brass.

Stock No.	O.D."	I.D."	LGTH	1-9 Pkgs.	10 or More
P-555*	3/16	1/4	3/4	3.03	2.41
P-556†	3/16	3/8	3/2	4.51	3.60

WALDOM MAINTENANCE TOOL

Ideal inexpensive tool handles wire sizes 22 through 10. Cuts and strips wires, crimps insulated and non-insulated terminals and connectors. Quality hardened steel edges stay sharp. Insulated handles. Shpg. wt., 1 lb.

P-557 Net 3.87

NEW—CRIMPING TOOL

- Crimps insulated and non-insulated terminals
- Cuts Bolts - Strips Wire

383

New model also crimps solderless terminals and connectors. Three tools in one! Cuts and strips wire from sizes 22 to 10. Cuts brass or steel machine screws without damaging the threads; size 10-24, 10-32, 6-32 and 4-40. Has accurately sized stripping notches and precision threaded cutter holes plus stud size gauge stamped on tool. Hardened steel, shock-proof plastic handle.

HO-66 Shpg. wt., 1 lb. Net 3.83

NEW! DO-IT-YOURSELF PLATING KIT

398

Now you can replating even metal parts that have never been plated before. Your finished plating is a combination of cadmium for rust-proofing, nickel for protection and luster, chromium for hardness and brilliance. Ideal for any metal surface except aluminum. Kit consists of 4 oz. copper chelate, 4 oz. chrome chelate, 1/2 pint plating sealer, sponge, catalizer wool, 1" brush, sandpaper, steel wood, 4 oz. rust remover. Shpg. wt., 2 lbs.

AA-106 Net 3.98

SUPER PLATING KIT

Similar to above but in larger quantities. 12 oz. copper chelate, 12 oz. chrome chelate, 12 oz. spray can of plating sealer (no brush needed), 12 oz. rust remover, sponges, catalizer wool, sandpaper, steel wood. Shpg. wt., 4 lbs.

AA-107 Net 9.98

SWISH! ENGINE CLEANER AND DEGREASER

Just spray SWISH on—hose off with water. Will not harm paint or stain metals. Safe on aluminum. Cleans off oil—grease—grass clippings—mud—road tars—dried salt spray. Contains no acids or alkali. Can be used on painted surfaces—clothing, upholstery. Aerosol can delivers wet spray—not a mist—at 40 lbs. pressure. Particularly adaptable to marine equipment. Works as well with salt water as with fresh. Shpg. wt., 1 1/2 lbs.

HD-721 16.2 oz. can Net 1.44

SWISH! ELECTROKLEEN

Powerful solvent especially designed for cleaning electronic and electrical equipment and parts. 16 oz.—1/3 more than 12 oz. can! Non-combustible, non-toxic, non-corrosive, leaves no residue. Shpg. wt., 1 1/2 lbs.

HD-720 Net 1.44

"RUSTY" RUST REMOVER

• Dissolves Rust from Iron and Steel

0.86

A few drops of Rusty and rust dissolves without affecting the sound metal. No more heat or torches necessary; no more long waits. Use for car or home—anywhere there is rust, corrosion, stained porcelain and cement. Frees frozen nuts and bolts; loosens frozen pipe joints. Non-flammable; safe to use. Shpg. wt., 8 oz.

AA-108 Net .86

G.C. TRANSISTOR SILICONE COMPOUND

Conducts heat from transistor to chassis. Apply to chassis and transistor whenever transistor replacements are made. Shpg. wt., 10 oz.

P-67 Net 2.06

NEW! INSTANT LETTERING

• Instant Dry Transfer

• Meticulous Lettering

• No Equipment Needed

495

Quick, simple pressure transfer that leaves no trace of adhesive to sully artwork. Works on wood, paper, card, glass, metal or any other smooth surface. Sharply defined letters, words, and numerals. Package contains 24 sheets. 1 sheet of over 600 numerals and + or -; 1 sheet of prox 400 letters, both prox 1/4" high; and 22 sheets of most often used electronic words, with popular ones repeated. Letters and numerals are in black Shpg. wt., 6 oz.

P-478 per package Net 4.95

Same as above except letters and numerals are in white. P-561 Per Package 4.95

"Liqua Gold"

Chemical Plating Solution

- No Electricity—No special equipment
- Plates by ionic displacement
- Will not tarnish—needs no polishing

Gold plate practically any metal object. Not a paint—true gold plating by chemical solution. Uses no electricity—plates by ionic displacement—a tried and true method long used commercially. Plates all common metals—copper, brass, bronze, nickel, iron, steel, tin, pewter, cadmium solder, zinc, etc. Plate novelties—ornaments—ash trays—door knobs—jewelry—buttons—buckles. Plate electrical contacts to end corrosion forever. Printed circuits—connectors—terminals—sockets—plugs—switches—relays. The plating deposit is 24K pure gold. Includes complete instructions. Will plate 300 sq. in. Shpg. wt., 4 ozs.

HD-686 Net 1.66

Enough to plate 600 sq. in. Shpg. wt., 8 ozs.

HD-687 Net 3.32

CHEMICALS — CLEANERS — CEMENTS

Bakelite Cement. The only practical cement for bakelite. Cements bakelite to bakelite and other materials.

P-275 2 ozs. Shpg. wt., 5 oz. Net .69

Plastic Cement. For all types of plastic. Fast drying—waterproof—strong bond.

P-276 2 ozs. Shpg. wt., 5 oz. Net .44

Pii-O-Bond Cement. Sticks anything to anything. Dries rapidly waterproof—very high strength.

P-281 2 ozs. Shpg. wt., 5 oz. Net .52

Red-X Corona Dope. Prevents corona shorts in Hi-Voltage circuits. Flexible—fast drying.

P-282 2 ozs. Shpg. wt., 5 oz. Net .71

Creme-O-Wax Polish. For TV and radio cabinets. Hard glassy, durable finish.

P-288 1/2 pt. Shpg. wt., 1 lb. Net .59

Electronic Contact Cleaner. New red cleaner—made with Lube—Rex. Fast drying—universal contact cleaner.

P-289 2 ozs. Shpg. wt., 5 oz. Net .52

Liquid Non-Slip. Penetrating—fast drying. Prolongs life of cables and bells. Prevents slipping.

P-292 2 ozs. Shpg. wt., 5 oz. Net .47

Phono-Lubricant. Special lubricant for phonos. Will not thin out. Clings to metal surface. 2 oz. tube. Shpg. wt., 5 oz.

P-293 Net .52

Dial and Appliance Oil. Free running oil for dials, controls, small motors, etc. In handy spout can.

P-294 4 ozs. Shpg. wt., 8 oz. Net .66

Phono Non-Slip. Prevents slippage on turntables, changers, tape recorders, etc.

P-295 Shpg. wt., 1 lb. Net .88

CONTACT NEEDLE INJECTOR

Made on the hypodermic principle to inject cleaners and oils into shafts, controls and tight places. Supplied with a 2-oz. bottle.

P-262 Shpg. wt., 5 oz. Net .47

POLYSTYRENE CEMENT AND COIL DOPE

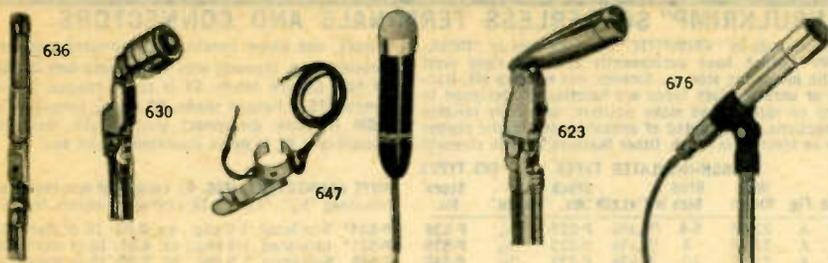
Pure polystyrene dissolved in thinner. For coating, doping, scaling coils, and for cementing polystyrene to polystyrene. 2 oz. bottle. Shpg. wt., 4 oz.

P-283 Net .47

THINNER FOR ABOVE. 2 oz.

P-303 Net .44

Electro-Voice POPULAR PRICED MICROPHONES



GENERAL PURPOSE OMNIDIRECTIONAL DYNAMIC MIKES

636 "SLIMAIR" DYNAMIC

Slim omni-directional mike for PA or recording. Acoustical diaphragm. Output level—58 db. Response 60-13,000 cps. Selection of Hi-Z or 150 ohm impedance made at plug. On-Off switch; satin chrome finish. Swivels 90° on base, tapped for 5/8"-27 stand. With 18 ft. cable and connector. 1 1/8" dia., 10 1/4" long. Shpg. wt., 2 1/2 lbs.

M-31 Net 42.63
 636G—Same as above but gold finish. Net 45.57
 M-226

630 HI-FI, HI-OUTPUT DYNAMIC

A quality microphone resistant to heat and humidity. 60-11,000 cps. output level—55 db. On-Off switch tilt-able head, chrome finish. High impedance output. 2" dia., 6 1/4" long. Shpg. wt., 3 lbs.

M-32 Net 30.87

647 PA LAVALIER DYNAMIC

Small, rugged mike complete with neck cord and support clips. 60-10,000 cps. output level—57 db. Gray enamel finish. 18 ft. cable. 5" long, 1" dia. Shpg. wt. 1 lb.

M-33 Hi Z output Net 48.51

623 SLIM DYNAMIC MIKE

Ideal for PA, recording and general use, on stand or in hand. Non-directional, 60-12,000 cps, output level—56 db. adjustable for high or low impedance. Tilttable chrome head, On-Off switch. 5/8"-27 thread, removable 18 ft. cable. Shpg. wt., 2 lbs.

M-38 Net 33.52

NEW! 676 CARDIOID DYNAMIC

Radically new design brings professional quality to public address, recording, communications and other general purpose applications. Continuously-Variable-D principle assures uniform, symmetrical cardioid pattern at all frequencies. Response 40 to 15,000 cps. Highest discrimination against feedback and unwanted sound. Exclusive 3-position switch offers controlled low-frequency attenuation to overcome rumble and feedback when microphone is used at a distance. Slim design—full view of speaker. Use hand-held or with stand clamp supplied. Rugged die-cast case. Acoustalloy diaphragm. 150 ohms or Hi-Z; impedance changed by moving one wire in cable connector. Output—58 db. Satin chrome finish. 18" cable. Size: 7 3/8" long x 1 1/4" dia. Shpg. wt., 3 lbs.

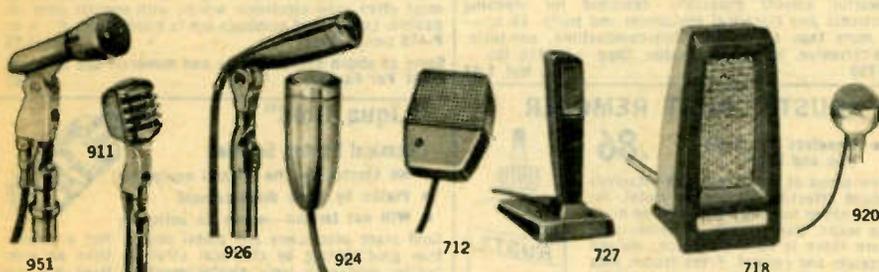
M-238 Net 58.80
 MODEL 676G. Same as above but gold finish. Net 64.68
 M-239



the famous **EV 664** VARIABLE "D" DYNAMIC CARDIOID MICROPHONE

A cardioid variable "D" (variable distance) microphone designed for top quality PA applications. Highly desirable cardioid pattern provides a significant front-to-back signal ratio to suppress noise, reverberations, and feedback. Pop-proof wire mesh grille and special construction allow close talking without booming bass, air blasts, or distortion. Non-metallic diaphragm is shielded against dust and magnetic particles. Resistant to extreme conditions of humidity, temperature and vibration. Response 40-15,000 cps. Output level—55 db. Output impedance easily changed from high impedance to 150 ohms by changing connection on internal terminal board. Standard 5/8"-27 thread. Satin chrome finished, die-cast case, with ON-OFF switch and removable 18 ft. 2 conductor shielded cable. 1 7/8" dia., 7 3/8" long. Shpg. wt. 2 lbs.

M-26 Net 49.98
 664G—Same as above but gold finish. Net 52.92
 M-227
 419 DESK STAND. For model 664. Shpg. wt., 3 lbs. Net 5.88
 M-51



CRYSTAL AND CERAMIC MICROPHONES

951 VARIABLE "D" CRYSTAL

An excellent wide-range all-purpose mike for eliminating background noise and reverberation. Highly directional. Response 50-11,000 cps, output—60 db. Hi-Z, On-Off switch. Satin chrome finish. Swivel base with standard 5/8"-27 mount and cable connector. 18-ft cable is removable. 5 1/2" long, 1 3/4" dia. Shpg. wt., 3 lbs.

M-34 Net 32.05

911 "MERCURY" CRYSTAL

High output omnidirectional unit for general use. 50-9000 cps, high impedance, —50 db output level. On-Off switch, chrome case, 18 ft. cable, standard thread. 6 3/4" x 2 3/8" x 3 3/8". Shpg. wt., 3 lbs.

M-35 Net 19.11

926 SLIM CRYSTAL

General purpose mike for stand mounting. Response 60-8000 cps, output level—60 db. Hi-Z. Chrome finished case, tilttable head, standard thread. 6 3/4" x 1 1/2", 18 ft. cable. Shpg. wt., 1 1/2 lbs.

M-36 Net 17.35

924 CRYSTAL LAVALIER

Omnidirectional crystal lavalier for chest or hand use, supplied with neck cord and support clips. High impedance, 60-8000 cps, output level—60 db. 3 1/2" long, 1 1/2" diameter. Shpg. wt., 1 lb.

M-37 Net 11.76

712 CERAMIC

Fits need of PA, home recording, etc. Handheld. Moisture sealed ceramic. Response 70-7000 cps. High output—55 db, Hi-Z. Size: 3 x 2 1/4 x 1 3/8". 5' cable. Shpg. wt., 6 oz.

M-54 Net 4.41

727 SLIM CERAMIC

Smart new mike with desk stand and floor stand coupler. Heat resistant ceramic element. 60-8000 cps, output—55 db; Hi-Z, 5 ft. cable. 8 1/2 x 1 1/4". Shpg. wt., 1 1/2 lbs.

M-41 With 8 1/2' Shielded Cable Net 10.58

727SR Same as above but with leaf switch to close relay circuit and 3 cond (1 shielded) cable. Net 11.76
 M-42

718 CERAMIC

Improved replacement for home recorder mikes. 60-6000 cps, —55 db output, Hi-Z. 5 ft. cable with phono plug and adapter plug. Shpg. wt., 1 lb.

M-45 Net 7.06

920 SPHERE CRYSTAL

All-directional crystal mike for home use. Wire mesh head acts as wind screen and blast filter. 60-7000 cps, output—50 db. Hi-Z, satin finish, 5/8"-27 thread. 18 ft. cable. Shpg. wt., 1 lb.

M-46 Net 16.17

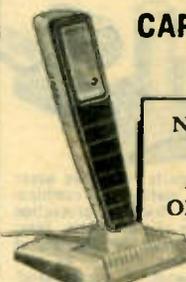
428 TOUCH TO TALK DESK STAND



Accepts microphones with standard 5/8"-27 threads. Blade type switch, DPDT, with locking button. Satin chrome finish. Size 7"H, base 5 1/4" dia.
 M-56 Shpg. wt., 2 lbs. Net 10.29

EV 729 CARDIOID CERAMIC MICROPHONE

NOW! A CARDIOID
 MICROPHONE
 AT
ONLY 14.41



The Model 729 is the lowest priced cardioid ever built. Random noise, reverberation and feed back possibility reduced by a factor of 67%. Front pickup range near twice that of pressure microphones. Designed for public address, paging, amateur radio, home stereo recording, and general communications. Output—60 db. Response 60 to 8,000 cps. High impedance only. May be used in any climate. Available with or without "on-off" switch. Metalustre gray front with medium gray back. Supplied with attractive desk stand and adapter for floor stand. With 8 1/2' cable. Shpg. wt., 1 1/2 lbs.

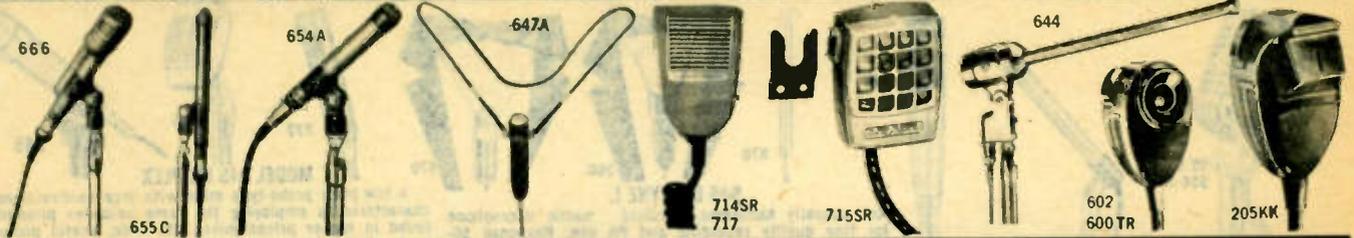
M-47 Net 14.41
 Model 729SR. Same as above, with leaf switch to close relay circuit and 3 cond (1 shielded) cable. Net 15.58
 M-48

MODEL 418 DESK STAND



588
 Desk stand for use with microphones having small type stud, such as 611, 623, 630, 635, 636, 911, 951. Die-cast base. Gray finish. Shpg. wt., 4 lbs.
 M-50 Net 5.88

Electro-Voice QUALITY MICROPHONES



FOR BROADCAST-TV-RECORDING

SPECIAL PURPOSE MIKES

666 SUPER CARDIOID DYNAMIC

New variable "D" microphone for exacting radio and TV broadcast applications. Cardioid pattern extra sharp for high attenuation of sound from sides and rear; only sound from front of microphone is picked up. Can be used twice as far away from sound source as many other microphones. Frequency response is uniform from 30 to 16,000 cps. Output level —58 db, output impedance as supplied is 50 ohms, but is easily changed to 150 or 250 ohms. Acoustalloy diaphragm used for better performance. Cast Aluminum case is finished in non-reflecting gray. Complete with 20 ft. shielded cable and Cannon UA-3 connector, and Model 300 detachable stand coupler for 1/2" and 3/8"-27 stands. Shpg. wt., 2 lbs. Net 149.94

OMNI-DIRECTIONAL DYNAMIC

655C "SLIM-TRIM" TV DYNAMIC

This slender hand or stand microphone covers the entire audio range, from 40 to 20,000 cps. Omnidirectional. Output level —55 db, impedance 50, 150 or 250 ohms. Light and small—1 1/4" dia., 10 1/2" long. Complete with adapter for 1/2" and 3/8"-27 stands and with 20 ft. shielded cable. Shpg. wt., 1 1/2" lbs. Net 117.60

654A "SLIM-TRIM" DYNAMIC

Response 50-16,000 cps. Output —55 db. Use on stand, in hand or as a lavalier. Matches all low impedance. 3/4"-27 thread. XLR-3 connector. 18" cable. Gray finish. Size: 7" long x 1 1/4" dia. With clamp and neck cord. M-14 Shpg. wt., 1 1/2 lbs. Net 58.80

647A MINIATURE DYNAMIC

Tiny size with big performance. 60-12,000 cps. Hi-Z or 150 ohms balanced impedance. Output level, —58 db. 18 ft. cable. Complete with neck cord. Size: 2 1/4" x 3/4" dia. Shpg. wt., 1 lb. Net 48.51

715SR MOBILE AND CB

Model 715SR has been designed specifically for mobile communications use. Omnidirectional ceramic type. Frequency response 60-7000 cycles. High impedance output —5 db. Relay actuating switch for push-to-talk. Hanger button on back of case — with dash panel hanging bracket. Gray case, 3x2 1/2"x1". With 3/8"-27 Adapter and 5-ft. cable. Shpg. wt., 1 lb. Net 10.29

M-55 Model 715S. Similar to above but with on-off switch. Net 8.82

M-44 Model 415. Desk stand for above. Net 1.03

M-53 Shpg. wt., 6 oz. Net 1.03

714SR CERAMIC COMMUNICATIONS

A new high output, ceramic mobile communications microphone for paging, ham radio, and citizen's band use. Molded, tough "Cyclocac" case assures long life and protection from accidental shock damage. Response tailored for maximum intelligibility. High level, high impedance output —55 db over range of 60 to 7,000 cps. DPDT switch shorts microphone in "off" position and closes relay circuit in "on" position. 3-conductor coiled cord 10" retracted. Complete with hang-up bracket. M-235 Size: 2 1/2"x1 1/4"x3 3/4". Shpg. wt., 1 lb. Net 9.70

717 CARDIOID

Similar to 714SR but close-talking cardioid pattern to reject background noise and feed back. Apertures on sides attenuate sounds from rear and sides. Output —55 db. Response 100 to 7000 cps. Shpg. wt., 1 lb. Net 11.47

M-240 Net 11.47

502A CABLE MATCHING

TRANSFORMER

Matches 50, 250, or 500 to Hi-Z amplifier input. 40-20,000 cps ± 1 db MC-4 connectors. 2 1/2"x2" dia. Shpg. wt., 1 lb. Net 10.29

M-49 Net 10.29

644 "SOUND SPOT" UNI-DIRECTIONAL LINE MICROPHONE

A combination cardioid and distributed front opening makes this the most directional microphone ever. Way better than 2.5 times the working distance of pressure types. Cancellation from the rear and sides exceed 20 db giving virtually complete rejection of unwanted sound. The effective front acceptance angle is 45° each side of center giving best isolation of individual performers. High reduction of wind noise and low sensitivity to shock. Smooth response from 40 to 12,000 cps, high output—53 db, dual high and low impedance selective. The case is high-pressure diecast zinc. Rear diameter 2 1/4", length 16" cable is 18". Shpg. wt., 3 lbs. Net 64.68

602 NOISE-CANCELLING DYNAMIC

For use in areas with high background noise. 100-7,000 cps. Output, —55db. Press-to-talk switch. 6 ft. retractable coiled cord. Low Imp. Shpg. wt., 1 lb. Net 33.81

M-57 No Money Down Net 33.81

205KK DIFFERENTIAL CARBON

Close-talking, noise cancelling, single button carbon for private aircraft and emergency communications. Blast-proof, waterproof, shock-resistant. Output at 1/4" —50db. Black phenolic case. Press to talk switch. Mtg. bracket, 6" coiled cord. 2 1/4"x2 1/4"x4". Shpg. wt., 1 lb. Net 26.46

M-225 Net 26.46

600TR TRANSISTORIZED MIKE

Has 2-stage transistor amplifier built into case. Amplifier gain 34 db. Press-to-talk switch, coiled cord, 4-wire lead. Output —23 db. Size: 2 1/4" x 2 x 4". Black case, mtg. bracket, 6" cable. Shpg. wt., 1 lb. Net 48.51

M-241 Net 48.51

UNIVERSITY MICROPHONES

70 OMNIDIRECTIONAL DYNAMIC

Rugged, high quality, general purpose microphone for schools, industry, public address, improved home recordings, etc. Response 50-14,000 cps. Impedance 30/50 and 20,000 ohms. Output —50 db (low imp.), 28 mv/10 dynes/cm² (high imp.). Hum reference —120 db/.001 gauss. Silver-gray and black finish. Size: 6" long x 1 1/2"x3/4" dia. With 15-ft. 3-conductor cable and SA10 slide-on stand adapter. Net 29.35

M-212 Shpg. wt., 2 1/4 lbs. Net 29.35

MODEL 71. Same as above but with on-off slide switch. Net 34.25

M-213 Net 34.25

501 CARDIOID DYNAMIC

Ultra-high discrimination against unwanted sound — virtually eliminates background noise. Response 30-16,000 cps. Impedance 30/50, 150/250 and 20,000 ohms. Output —54 db (low imp.), 17 mv/10 dynes/cm² (high imp.). Hum reference —120 db/.001 gauss. Finished in acrylic silver-gray and non-reflecting black. Size: 6 3/8" long x 1 1/2" dia. M-204 Shpg. wt., 2 1/4 lbs. Net 73.50

502S CARDIOID SHOCK MOUNTED DYNAMIC

Identical in specifications to Model 501 but with rugged internal shock mounting to isolate it from spurious sound and extraneous noise. Size: 7 3/8" long x 1 3/4" dia. Shpg. wt., 2 1/2 lbs. Net 85.26

M-205 Net 85.26

ACCESSORIES

For Use With Modular Models 401, 402S, 501, 502S.

SA10. Slide-on stand adapter provides quick removal for hand use. Net 4.12

M-209 Shpg. wt., 1/4 lb. Net 4.12

CC10. Cable adapter with 18-ft. cable. For use when neither switch nor quick-disconnect needed. Net 5.88

M-206 Shpg. wt., 1 1/4 lb. Net 5.88

CA10. Cannon XLR-3-11C plug with 18-ft. cable. Has push-action latch lock. Net 5.88

M-211 Shpg. wt., 1 lb. Net 5.88

PA10. Adapts microphone to use CA10 above or Amphenol 91-854. Allows quick disconnect. Net 6.17

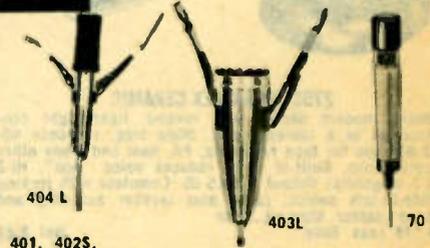
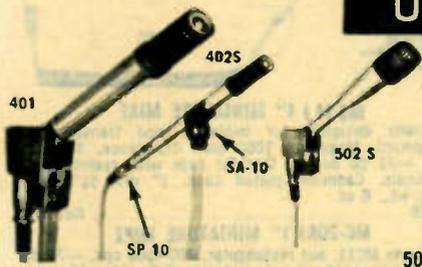
M-208 Shpg. wt., 1/4 lb. Net 6.17

SP10. Same as PA10 above plus heavy-duty on-off slide switch. Net 6.76

M-207 Shpg. wt., 1/4 lb. Net 6.76

SSP10. Connects directly to basic module. Includes on-off switch, receptacle for CA10, Cannon XLR-3-11C plug or Amphenol 91-854. Permits tilting thru 90° arc. Mounts on any 3/8"-27 stand. Net 10.88

M-210 Shpg. wt., 1/2 lb. Net 10.88



401 OMNIDIRECTIONAL DYNAMIC

Especially designed for broadcast, TV and quality public address systems. Features resilient Unitair diaphragm. Response 30-20,000 cps. Choice of 3 impedance ranges 30/50, 150/250 and 20,000 ohms. Output —55 db (low imp.), 16 mv/10 dynes/cm² (high imp.) Hum reference —120 db/.001 gauss. Finished in acrylic silver-gray and non-reflecting black. Size: 6 3/8" long x 1 1/4" dia. M-200 Shpg. wt., 2 lbs. Net 42.63

402S OMNIDIRECTIONAL SHOCK MOUNTED DYNAMIC

Identical in specifications to Model 401 but with rugged internal shock mounting that makes it exceptionally well-suited to night club application. Size: 8 3/4" long x 1 1/4" dia. M-201 Shpg. wt., 2 1/4 lbs. Net 46.75

403L OMNIDIRECTIONAL LAVALIER

Ultra-compact unobtrusive dynamic microphone gives freedom of movement. Ideal for nightclubs, churches, schools and location broadcasting. Response 60-20,000 cps. Impedance 30/50 and 150/250 ohms. Output —55 db. Hum reference —120 db/.001 gauss. Size: 3 3/8" long x 1 3/8" dia. Antique bronze finish. With adjustable neck cord and clip and integral 25-ft. flexible cable. M-202 Shpg. wt., 2 1/4 lbs. Net 51.45

404L OMNIDIRECTIONAL LAVALIER

Broadcast dynamic microphone. Response 50-20,000 cps. Impedance 30/50, 150/250 and 20,000 ohms. Output —55 db (low imp.) 16 mv/10 dynes/cm² (high imp.). Antique bronze. Size: 5 5/8" long x 1 1/4" dia. With neck cord, clip and 25-ft. cable. M-203 Shpg. wt., 2 1/4 lbs. Net 55.86

SHURE -MICROPHONES FOR BROADCASTING-PA- AND GENERAL PURPOSE APPLICATIONS



55 S
556 S

55S CARDIOID DYNAMIC MIKE

Sturdy dynamic mike, withstands shock, high heat and humidity. 2 low or hi-2 output. Response: 50-15,000 cps; output is -60 db. Swivel mounted case, with standard 1/8" -27 thread mount and 20 ft. cable. Size 3 3/4" x 2 1/4" x 3 3/4". Shpg. wt., 4 1/2 lbs.

M-100 Net 48.80
55SW. Same as above with on-off switch. Net 49.98

M-88
556S Specially constructed deluxe version of above. Rated response ±2 1/2 db from 40 to 15,000 cps. Has Cannon XL-3-11 cable connector and special rubber mounting to reduce vibration pickup. Net 79.38

M-101 Net 79.38

576 BROADCAST-TV MIKE

An omnidirectional dynamic probe microphone. Ultra slim for on camera use. Smooth, wide-range response 40-20,000 cps. Dual impedances 50 and 150 ohms. Output -60 db. Unique "feel" and "balance" in the hand. Rugged steel non-reflecting gray case provides effective magnetic shielding. With swivel adapter to provide 90° tilt for stand use; 25-ft. 3-conductor shielded broadcast cable. 3/4" diam. x 8 3/8" long. Net weight 10 1/2 oz. Shpg. wt., 3 lbs.

M-180 Net 102.90



275 S
575 S (B)
on
S-388
BASE

275S VERSAPLEX CERAMIC

Smart, modern design with rugged, lightweight construction in a low-cost unit. Wide freq. response 40-12,000 cps for tape recording, PA, ham and many other applications. Built-in filter reduces voice "pop". Hi-Z (1.5 megohms). Output -59.5 db. Complete with locking slide-to-talk switch, cable plus lavaller assembly and stand adaptor. Shpg. wt., 8 oz.

M-175 Less Base Net 8.82

575S VERSADYNE DYNAMIC

Similar to 275S but dynamic type. Frequency Response: 40-15,000 cps. Output: -59 db. Impedance: 100,000 ohms or more. For use with moderate lengths of cable to amplifier. With 7-ft. single conductor shielded cable, locking slide-to-talk switch, lavaller assembly and stand adaptor. Shpg. wt., 1 lb.

M-184 Net 14.11

575SB VERSADYNE DYNAMIC

Identical to 575S but low impedance, 150/250 ohms. Output: -62 db. Same accessories. For use with long cables. Shpg. wt., 1 lb.

M-185 Net 12.35

RETRACTING MICROPHONE CABLES

Rubber covered coiled cord for 505T and other carbon mikes. 4 conductors for mike and press-to-talk switch. Stretches from 1 foot to 6 feet. Shpg. wt., 1 1/2 lbs.

M-130 Type C15C Net 3.67

3 conductor (1 shielded) used with 404C. Net 5.73

M-89 Type C12C Net 5.73

4 conductor (2 shielded) used with 404B. Net 5.88

M-90 Type C14C Net 5.88



545

545 UNIDYNE I.

An unusually handsome, cardioid dynamic microphone for fine quality recording and PA use. Response 50-15,000 cps. Cardioid pattern increases pickup distance and reduces noise and feed back possibilities. Dual impedance: 50/250 ohms and high impedance. Dual output: Hi-Z, -55 db; Lo-Z, -57 db. Detachable 18-ft. 3-conductor shielded cable. Satin chrome and black finish. 5 3/4" long x 1 1/4" diam. With A-25B swivel adaptor. Shpg. wt., 3 lbs.

M-93 Net 49.98
M-91 Similar to above with in-off switch Net 52.85

578 OMNIDYNE ULTRA-SLIM PROBE

Omnidirectional, dynamic public address microphone. Response 50-17,000 cps. Dual impedance; high or low. Output: high impedance, -59 db; low, -60 db. Built-in "pop" filter reduces breath noises. With 18' 3-conductor shielded cable, swivel stand adaptor, switch with cover plate. Satin chrome case. Size: 3/4" diam. x 7 3/8" long. Shpg. wt., 3 lbs.

M-181 Net 48.51

560 LAVALIER DYNAMIC

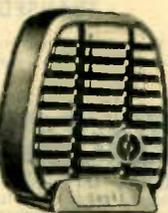
Dual impedance dynamic mike with response "tailored" for lavaller applications. Black satin metal case, clip-grip lavaller assembly, lightweight, 18-ft. 2-conductor shielded cable. Frequency Response: 40-10,000 cps. Output: -60 db. Impedance: dual—high, and 150/250 ohms. 1 1/2" diam. x 3 3/4" long.

M-182 Shpg. wt., 14 1/2 oz. Net 24.99

570 LAMBERT LAMBERT LAMBERT

Professional quality response 50-12,000 cps, shaped for lavaller performance. Omnidirectional. Impedance 150 ohms. Output -59 db. With "flex-grip" cord and belt clip for cable; 30' 2-cond. shielded cable. Non-reflecting gray case. Size: 3/4" diam. x 2 1/2" long.

M-183 Shpg. wt., 1 1/2 lbs. Net 55.86



710A

715 "STARLITE" CRYSTAL

Semi-directional unit for home recording and inexpensive P.A. Systems. 50-10,000 cps, -50 db output into high impedance. Case is durable polystyrene with built-in retractable stand and 5 ft. shielded cable. 3 1/4" x 2 3/4" x 1 1/4" Shpg. wt., 1 1/2 lbs.

M-113 Net 4.70

215 "STARLITE" CERAMIC

Ceramic version identical with Model 715, except: 50-8000 cps response, -56.5 db sensitivity. Insensitive to heat.

M-114 Net 4.70

710S "REX" CRYSTAL

A crystal mike for amateur and PA use. 60-9000 cps, -50 db output, Hi-Z, semi-directional. With On-Off switch, stand adaptor, 7 ft. cable. Burgundy red case, 3 1/4" x 2 3/4" x 1 1/2". Shpg. wt., 1 1/4 lbs.

M-115 Net 8.23

710A Same as above, but less switch. Net 7.06

M-116 Net 7.06

A86A LINE TRANSFORMER

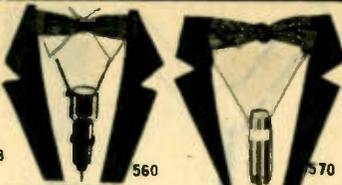
High quality transformer for connecting low impedance mikes to high impedance amplifiers. 35/50-ohm or 150/250-ohm input, HiZ output. Preserves high frequencies and cuts hum pickup in long lines. 20-20,000 cps ±1 db. 7/8" diam. x 1 3/8" long. 2-ft. of cable.

M-129 Shpg. wt., 2 lbs. Net 10.29

S-36A DESK MOUNT

Similar in appearance to base of 520SL on facing page. Fits Models 51, 55S, 540S, and 545S. Shpg. wt., 1 1/4 lbs.

M-119 Net 3.82



560



777

MODEL 245 UNIPLEX

A low price probe-type mike with true unidirectional characteristics employing the same uniphase principle found in higher priced mikes. Its wide, useful pickup angle at the front and virtual elimination of pickup at the rear provide the ideal solution to feedback problems in low cost P.A. systems. A natural for home recording, base station, paging and language labs. Rugged ceramic cartridge performs from -40° to +170° F. Shpg. wt., 1 lb.

M-176 Model 245. Complete with A25B swivel/stand adaptor and removable cable Net 20.58

M-177 Model 245S. Same as above but includes on/off switch Net 21.75

777 "SLIM-Y" CRYSTAL MIKE

A small unit weighing only 6 ounces, this is the ideal microphone for hand-held use. 60-10,000 cps, -62 db output into high impedance. Includes lavaller cord, stand adaptor, 7 ft. removable shielded cable. Satin chrome finish. 4 1/2" long, 1" dia. Shpg. wt., 1 1/4 lbs.

M-120 Net 14.70

777S Same as above, but has added On-Off Switch. Net 15.88

M-121 Net 15.88

51 "SONODYNE" DYNAMIC MICROPHONE

The ideal moderately priced microphone for public address and recording. Semi-directional dynamic element is immune to heat and humidity. Response 60-10,000 cps. Screwdriver adjustment for low, medium, or high impedance output. -52 db output level. Swivel mount and standard 1/8" -27 thread. Satin chrome finish, 15 ft. cable and connector. Shpg. wt., 3 1/2 lbs.

M-124 Net 29.11

51S. Same as above with built-in on-off switch. Net 30.28

M-87 Net 30.28



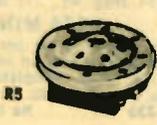
MC11



R7



MC30J



R5



A86A



C15C

MC-11 1" MINIATURE MIKE

Specially designed for miniature and transistorized equipment. Magnetic, 1000 ohm impedance, 400-3000 cps, -71 db output. Circular case with eyelet solder terminals. Cadmium plated case. 1" dia. 3/8" thick. Shpg. wt., 6 oz.

M-125 Net 7.35

MC-20AJ 1" MINIATURE MIKE

Similar to MC11, but rectangular. 400-4500 cps, -75 db output into 1100 ohm impedance. 3/8" wide. 1" long. 3/4" thick, 1 1/2" long leads. Metal cased. Shpg. wt., 6 oz.

M-126 Net 8.23

MC-30J MINIATURE MIKE

Square 1/2 x 1/2 x 1/4". Output -76 db, impedance 1850 ohms, 400-3500 cps. Cad-plated brass case, eyelet solder terminals. Shpg. wt., 6 oz.

M-132 Net 11.76

R5 REPLACEMENT CARTRIDGE

Magnetic replacement cartridge for Models 510C, 510MD, 510S, 520, 520SL and 505C. Shpg. wt., 4 oz.

M-127 Net 6.47

R7 REPLACEMENT CARTRIDGE

Crystal replacement cartridge for Models 707A and 708A. -48 db output. Shpg. wt., 5 oz.

M-128 Net 4.85

S-38B DESK STAND

For Models 245 S, 275 S, 415, 430, 575S B 777 S. Shpg. wt., 1 1/4 lbs.

M-122 Shpg. wt., 1 1/4 lbs. Net 2.65

A-25B SWIVEL ADAPTER

For use with Models 777 and 777S with standard floor or desk stand. Shpg. wt., 8 oz.

M-123 Net 3.23

SHURE-ASTATIC MICROPHONES



415-430



425



420



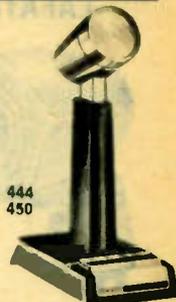
404B C



201
401A
401B



520 SL



444
450

SHURE COMMANDO SERIES MODEL 415

Handsome, but rugged controlled magnetic microphone for general purpose use. Response from 60-10,000 cps. Output level —52db, high impedance. With 7 ft. non-detachable cable and swivel adapter. 6 1/4" long, 1 3/4" dia. Shpg. wt., 1 lb.

M-133 Net 16.17

MODEL 420. Same as Model 415 except High/Low impedance; 20' non-detachable 2-conductor shielded cable 3 1/4" long, 1 3/4" dia. With lavaller cord. Shpg. wt., 1 1/2 lb.

M-134 Net 17.64

MODEL 425-G6. Same as Model 420 except has 6" flexible gooseneck and mounting flange; 7' non-detachable 2 conductor shielded cable. Shpg. wt., 1 3/4 lbs.

M-135 Net 19.40

MODEL 425-G12. Same as Model 425-G6, but has 12" flexible gooseneck. Shpg. wt., 2 1/4 lbs.

M-136 Net 19.74

MODEL 425-G18. Same as Model 425-G6 but with 18" gooseneck. Shpg. wt., 2 3/4 lbs.

M-137 Net 20.58

MODEL 430. Same as model 415 except high/low impedance with 15 ft. detachable 2-cond. shield cable and on-off switch.

M-138 Net 22.64

SHURE COMMUNICATIONS MIKES MODEL 404B

Sturdily built for hand-held mobile applications. Controlled magnetic element tailors characteristics for maximum readability. Response 200-8,000 cps. Output level —50 db; 150-250 ohms impedance. High Impact Armour case. Includes 5 ft. 4 conductor (2 shielded) coiled cord. Push to talk switch normally closed may be changed to open; and mounting bracket. 3 1/4" Hx2 5/8" Wx1 1/4" D.

M-85 Shpg. wt., 1 lb. Net 19.40

MODEL 404C. Same as Model 404B but high impedance.

M-86 Shpg. wt., 1 lb. Net 19.40

520SL "DISPATCHER" MAGNETIC

The ideal mike for busy radio operators or for dispatching and paging. Consists of Model 520 mike mounted on special stand. Push large bar to talk, slide down permanent connection. Easy to operate. Chrome and green finish. 7 ft. Cable. 9 1/2 Hx5 Wx7 D. Shpg. wt., 5 lbs.

M-106 Net 26.46

SHURE CB AND HAM PALM MICROPHONES

For CB amateur, fixed station or mobile uses. "Shaped" voice response patterned after professional mobile and SSB amateur response curves for maximum intelligibility. Frequency Response: 200-4000 cps free from undesirable peaks. Omnidirectional polar pattern. Push-to-talk, non-locking switch. Shatter-proof plastic case. Kinkproof 5-ft. extended coiled cord. Hang-up bracket. Size: 2 3/4" Wx1 3/8" Dx4" H. Mounting bracket furnished.

Shure Model 201—Ceramic type, Impedance: High. Output Level: 55.5 db below 1 v. per microbar. Three-conductor (one shielded) cable Shpg. wt., 2 lbs.

M-188 Net 10.58

Shure Model 401A—Controlled magnetic type. Impedance: High. Output Level: 49 db below 1 v. per microbar. Three-conductor (one shielded) cable. Shpg. wt., 2 lbs.

M-187 Net 12.94

Shure Model 401B—Controlled magnetic type. Impedance: Low. Output Level: 48 db below 1 mw per 10 microbars. Four-conductor (two shielded) cable. Shpg. wt., 2 lbs.

M-188 Net 12.94

ASTATIC MICROPHONES



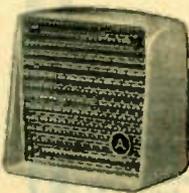
JT30



D-104



331
332
ON A7



150

JT-30 CRYSTAL MIKE

Dependable high output crystal microphone for PA and recording use. Response 30-10,000 cps. Output —49db, high impedance (1.5 megohms). Complete with base and detachable 8-ft. cable. Streamline die-cast case with gray Hammerlin finish. Size 8" high (with stand), 2 3/4" dia. grille, 5/8" dia. base. Shpg. wt., 3 lbs.

M-152 Net 10.82

MODEL D-104 MICROPHONE

Used extensively by radio amateurs for its high intelligibility and "punch." Responds with rising characteristics from 500-4,000 cps. High output sealed crystal element is impervious to moisture. Output level —46 db. Chrome finished mesh grille and body. With 5-ft. single conductor, shielded cable and adaptor to 3/8" —27 thread. Shpg. wt., 1 3/4 lbs.

M-162 Less Stand Net 18.23

MODEL GD-104. Same as D-104 except with push-to-talk stand. Shpg. wt., 4 lbs.

M-161 Net 30.11

MODEL 150 RECORDER MIKE

Low cost, high output microphone weighing only 3 ounces. Response 30-10,000 cps. Output —44db, high impedance (1.5 megohms). Grey impact-resistant case, aluminum anodized grille. 5 ft. single conductor cable. Size 2 1/4 Hx2 3/4 Wx1 1/4 D. Shpg. wt., 3/4 lb.

M-156 Net 3.82

MODEL 151 CERAMIC MIKE

Similar to Model 150 but ceramic type. Output —48db. Response 30-8000 cps. Shpg. wt., 3/4 lb.

M-160 Net 3.82

Model 332 CRYSTAL MIKE

Popular lightweight crystal microphone for general purpose use. Response 30-15,000 cps. Output —54db, high impedance. Ideal where size and weight are a premium but good quality is required. Tapered die-cast housing. Satin chrome finish, chrome cap and black grille. 8 ft. single conductor cable. Built-in ON-OFF switch with lock-on provision. With lavaller and stand adapter for 3/8" —27 thread. 4 1/2" long, 1 1/4" dia. Shpg. wt., 1 lb.

M-158 Net 10.53

A7 Stand For Model 332, microphone. Shpg. wt., 1/4 lb.

M-159 Net 1.44

MODEL 331 CERAMIC MIKE

Voice range ceramic for communications CB & paging. Momentary-on, spring-return switch. 300-5,000 cps. High impedance. Output —56db. Cable for audio & relay connections. Hang-up bracket. Shpg. wt., 1 lb.

M-157 Less Stand Net 10.53

SHURE 444 HAM MICROPHONE

New modern design controlled magnetic type, ideal for voice. Sharp high and low frequency cut-offs. Response 300-3000 cps. Output —52.5 db. High impedance. Adjustable stand with push-to-talk switch with optional locking feature to operate relay control and muting circuits. Separate switch to disable relay control circuit for VOX operation. Gray case. 7-ft. 2-cond. shielded cable. 4" Wx5 1/4" Dx10 5/6" H. Shpg. wt., 4 lbs.

M-189 Net 24.99

SHURE 450 "DISPATCHER" MICROPHONE

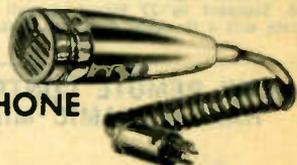
Similar to 444 above. Switch selected high or low impedance. 100-9000 cps. 7-ft. 4-cond. cable (2 shielded) Push-to-talk switch with optional locking feature for independent mike and relay circuits; relay portion normally open, mike portion adjustable to open or closed. Shpg. wt., 4 lbs.

M-190 Net 29.11

LAFAYETTE DYNAMIC CB

PUSH-TO-TALK MICROPHONE

- Specifically designed for CB use
- Momentary-on Spring Return Switch
- Lightweight • Deluxe Styling



New top quality dynamic microphone at a price you can afford. Specifically designed for citizens band and communication transceivers. Attractive design in black and chrome; tapered styling to fit the hand easily. High impedance dynamic transducer will not be adversely affected by heat and smooth frequency response of 100 to 11,000 cycles make it most suitable for communications work—indoors or out. Comes equipped with a momentary push-to-talk switch, coiled rubber cable with a 5-P-24 plug and a convenient hang-up bracket. Shpg. wt., 1 lb. Imported

M-249 Net 8.95

NEW! LAFAYETTE PUSH-TO-TALK NOISE CANCELLING CERAMIC MICROPHONE

- For Citizens Band, Amateur and Paging
- For Relay or Electronic Switching

Lafayette's new noise cancelling, high output ceramic push-to-talk microphones are designed to reproduce clean, crisp audio with full modulation with as little noise pickup as possible. High level, high impedance output. Molded, tough, gray Cyclocac™ case assures long life and protection from accidental shock damage. DPDT switch. Wired for standard Relay Switching as used in Lafayette HE-20, 20A, 20B, HE-43, 43A, 43B, HB-111, HB-222, etc. or for Electronic Switching as used in Lafayette HE-20C, HE-90, etc.

M-243 For Relay Switching Net 6.95

M-244 For Electronic Switching Net 6.95



ONLY

695

LAFAYETTE FINE QUALITY MICROPHONES

LAFAYETTE QUALITY CRYSTAL MICROPHONE

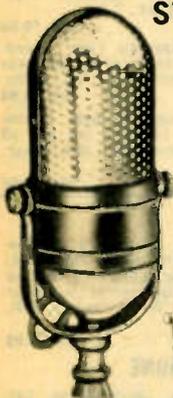


395

Excellent for PA systems, home recorders and general applications. Frequency response 30 to 10,000 cycles. Output level —52 db provides ample output for use with low gain amplifiers. Uses quality moisture sealed crystal; Die cast case in rich green baked enamel finish, with chrome grill. Completely equipped with 5 feet of shielded cable. Mike may be used on any stand with 3/8"-27 thread. Grill diameter 2 3/4", depth 4 1/4", height 4 1/2". Shpg. wt., 3 1/2 lbs. Imported.

PA-24 Net 3.95

STUDIO CRYSTAL MICROPHONE



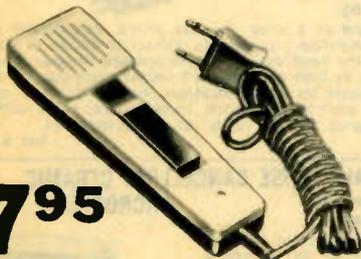
- DUAL CRYSTAL CARTRIDGES
- ALL DIRECTIONAL
- FINE QUALITY
- HIGH OUTPUT

495

Here is a microphone with a 360° pickup, and the added power and sensitivity of two individually shock mounted and phased crystal cartridges. This arrangement assures you of maximum pickup from all sides. Swivel mounted to give fuller flexibility. Case is chrome plated. Standard 3/8"-27 thread. Overall size 7Hx3"W complete with 4 ft. cable. Shpg. wt., 2 lbs. Imported.

PA-17 Net 4.95

NEW REMOTE CONTROL HAND DYNAMIC MIKE



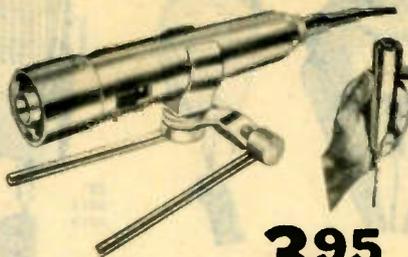
795

- Built-in Remote Control Switch
- High Sensitivity
- For Field or Home

Now, you may control your tape recorder by a handy, built-in push-to-talk switch that also features a slide-to-record position. Press to record for on-the-spot recordings or slide switch for more lengthy material. Case is of high-impact plastic for rugged, lifetime use. Perfect for either home or field use. Specs: 200-9,000 cps; Impedance 600, 50 KΩ; sensitivity —77 db @ 600 r, —57 db @ 50 KΩ; Size: 1 1/2"x5 1/2"x1 1/2". Perfect for the Lafayette's RK-126L Technorecorder. Imported.

PA-131 Net 7.95

SLIM CRYSTAL MICROPHONE



395

CRYSTAL MIKE ON STAND

A slim crystal microphone for desk top or hand-held use that is uniquely designed for universal application, smartly styled and attractively finished. Changes in temperature and humidity do not affect its efficiency, nor does increasing the cable length increase noise or change frequency characteristics. Ingenious swivel mounting permits horizontal and vertical rotation for most convenient angle of use. Microphone easily removed from base for holding in hand. Microphone, base, grill and all fittings are chrome finished. Has a wide range smooth frequency response and an omni-directional polar pattern. Built-in locking type on-off slide switch. Microphone is only 5" long x 1" max. dia. Shpg. wt., 2 lbs. Imported.

PA-45 Microphone Complete with Stand Net 3.95

"DYNA-SLIM" MICROPHONE

- HIGH IMPEDANCE — 50,000 OHMS
- ON-OFF SWITCH
- "QUICK-SLIP" ADAPTER

695

Dynamic, high output microphone with streamlined styling. Output level —55 db. Smooth response from 60 to 10,000 cycles. Omnidirectional head. External on-off switch. Slips on or off stand adapter in a wink. Standard 3/8"—27 adapter permits tilting mike for multi-angle use. Satin black and chrome finish. Complete with detachable cable and connector. 8" long, 1 1/4" max. dia. tapered barrel 7". Shpg. wt., 2 lbs. Imported.

PA-43 Imported Net 6.95



VERSATILE DYNAMIC MICROPHONE

FOR DESK-TOP, HAND HELD, OR LAVALIER USE



695

- HIGH IMPEDANCE—50,000 OHMS
- RESPONSE—40-9,500 cps

Beautifully designed and attractively finished high impedance, light weight dynamic microphone with swivel mount that permits horizontal and vertical rotation for most convenient angle. Microphone quickly and easily released from felt-lined base clamp for holding in hand or for clamping to neck band for use as lavalier microphone. Baked enamel case with chrome finished base, grille and fittings. Ruggedly constructed to withstand plenty of handling. 3" long x 1 1/4" diam. housing with 5 ft. shielded cable. Imported.

PA-48 Shpg. wt., 2 lbs. Net 6.95

3 WAY SLIM CRYSTAL MICROPHONE



395

- May be hand-held, stand mounted or suspended by lavalier cord!
- RESPONSE 60-10,000 CPS
- ON-Off Switch

Here is a fine slim-line design, only 4 3/8"x1 1/8" diam. Comes complete with swivel adapter to fit all standard mike stands, and lavalier cord and bracket which leaves both hands free. Smooth wide range response. Locking type on-off slide switch. Detachable 7 ft. cable and connector. Shpg. wt., 2 lbs. Imported.

PA-31 Singly Each Net 3.95

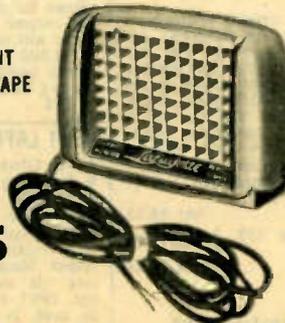
HI-IMPEDANCE CRYSTAL MIKE

- EXCEPTIONAL PERFORMANCE AT THIS LOW PRICE
- IDEAL REPLACEMENT MIKE FOR TAPE RECORDERS

295

An attractive high quality microphone that is outstanding for tape recorder as well as countless applications requiring a reliable hi-impedance crystal microphone. Has a frequency response of 30-10,000 cps and an output level of —51 db. Can be used as very neat desk microphone or can be conveniently held in hand. Housed in neat plastic case and is supplied with 8 foot flexible, single conductor shielded cable. 3x2 1/4". Shpg. wt., 1 lb. Imported.

PA-73 Imported Net 2.95



HIGH IMPEDANCE DYNAMIC MICROPHONE FOR HOME RECORDING



475

2 for 895

- Ideal Mike for Home Recording Use
- Frequency Response: 60-10,000 CPS
- Impedance: 50,000 Ohms

An outstanding value in a microphone for home use. Frequency Response: 60-10,000 CPS ± 10 db. Output Level: —57 db @ 1000 CPS. Impedance: 50,000 Ohms. Complete with 6 1/2' shielded cable with plug. Size: 1 5/8"x2 1/4"x1 1/8" D. Shpg. wt., 8 oz. Imported.

PA-401 Net ea. 4.75 2 for 8.95

LAFAYETTE DELUXE MICROPHONES

LAFAYETTE STEREO DYNAMIC MICROPHONE

AT A PRICE YOU CAN AFFORD



2 Separate Omni-Directional Patterns 90° Apart Give Full 360° Pickup

ONLY **17⁹⁵**

- Compatible for Stereo and Monaural Operation
- Stereo-Monaural Switch
- Satin Chrome-Plated
- All Metal Construction
- Excellent for Orchestras, Combos, Concerts and Theatrical Groups

Lafayette offers a new, outstanding flexible stereo dynamic microphone. Designed by leading audio engineers, the PA-263 offers you outstanding performance at a price you can afford. Completely eliminates need for two mikes. Constructed and designed to obtain the optimum in stereo effect and monaural pick up. Also—excellent for pick-up of "reverberation" for full dimensional sound. Mounted on topple-proof, heavily weighted, all metal base. Uses gland type swivel joint. Also—adaptable to all type floor stand mounts. Frequency response 50-15,000 cps. Practically flat 80-10,000 cps. Impedance 50K ohms. Polar Pattern—2 omni-directional patterns 90° apart—comes complete with mike cable. Shpg. wt., 6 lbs. PA-263 Imported Net 17.95

NEW! LAFAYETTE'S PA-400 UNIDIRECTIONAL DYNAMIC MIKE



- Switch for Hi or Low Impedance
- Unidirectional Pick-up Pattern
- Hand-held or Stand Mounted

ONLY **21⁵⁰**
NO MONEY DOWN

\$5 monthly

EASY BUDGET PLAN SEE PAGE 412

A carefully engineered, unidirectional dynamic microphone designed to meet the highest standards of PA or communications users. Highly desirable cardioid pattern provides a significant front-to-back signal ratio to suppress noise, reverberations, and feedback. Front switch is provided to switch from a high to a low impedance output (HI—50K, low 600Ω). Comfortable hand-held design or may be mounted on any standard thread stand (3/8" —27 thread). Frequency response is from 90 to 10,000 cps for excellent sound reproduction qualities. Comes complete with 10 feet of 2-conductor shielded wire (balanced type). Attractively finished in contrasting black and silver. Shpg. wt., 2 1/2 lbs. Imported Net 21.50

ONLY **11⁹⁵**

DUAL IMPEDANCE SLIM DYNAMIC MICROPHONE

- RUGGEDLY CONSTRUCTED
- ON-OFF SWITCH
- 600 & 50,000 OHM IMPEDANCES SELECTED BY SIMPLE ROTATION OF PLUG

Beautiful, professional-looking dynamic with solidly-cast, tapered, slim case with satin-chrome finish. Heavy duty slide-type on-off switch. Built-in transformer supplies dual unbalanced impedances—low Z is 600 ohms, high Z is 50,000 Ohms. Swivel mount fits all standard 3/8"-27 threaded stands. Blast filter eliminates unpleasant "pops" with voice use. Omnidirectional when used vertically—cardioid pattern when tilted. Engineering design and finish are of the highest quality, making this microphone excellent for any application. Complete with 5 ft. plug-in cable. Shpg. wt., 2 1/2 lbs. Imported PA-46 Net 11.95

ARGONNE ALL-PURPOSE DYNAMIC MICROPHONE

- IDEAL FOR TAPE RECORDING, PAGING, COMMUNICATIONS
- DUAL IMPEDANCE—250 & 50,000 OHMS
- USABLE RESPONSE 50-18,000 CPS
- FOR HAND-HELD, DESK OR FLOOR STAND USE

Here is a flexible dynamic microphone with characteristics suitable for almost any application. Ruggedly constructed, with tapered cast-metal body and removable base for desk use. Mounts to the base by means of a 360° swivel adjustable ball joint and fitted with an adapter for standard 3/8"-27 floor stand. SPECIFICATIONS: FREQUENCY RESPONSE—Practically flat 80-10,000 cps; ± 5 db 70-13,000 cps. OUTPUT—70 db below 1 volt/microbar at 1,000 cps. DUAL IMPEDANCE: Low (250 ohms), High (50,000 ohms) unbalanced. Size 9" high (with base), 2" diam. at head, tapering down to 3/4". Base diam. 4 1/4", 1 3/4" high. Shpg. wt., 6 lbs. AR-3 Dynamic microphone, complete with base, floor stand adapter, and 8' cable Imported Net 13.95



COMPLETE WITH BALL-JOINT DESK STAND

13⁹⁵

DYNAMIC MICROPHONE WITH DESK STAND

9⁷⁵



- 40-13,000 CYCLES
- DUAL IMPEDANCE—250 & 50,000 OHMS
- EXTREMELY VERSATILE

A highly versatile dynamic microphone with smooth response from 40-13,000 cycles. Sturdy cast-metal tapering body; detachable triangular cast base has 360° ball-and-socket joint. Can be hand-held or used with desk or floor stand. Built-in external slide switch for high impedance (50,000 ohms) or low impedance (250 ohms). Output: —55 db ± 3 db @ 1000 cps. Aquamarine. Size: (without stand) 5" long, 1 1/4" diam. barrel; (stand) 3 3/4" max. diam. 3/4" high. Shpg. wt., 1 lb. Imported PA-104 Net 9.75

STUDIO DYNAMIC MICROPHONE FOR HOME, OFFICE OR STUDIO USE

ONLY **11⁹⁵**



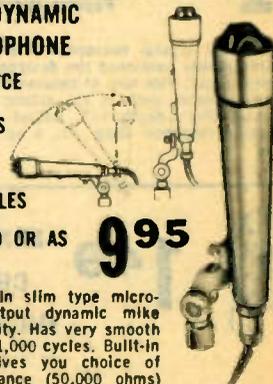
- FREQUENCY RESPONSE 50-11,000 cps.
- HIGH IMPEDANCE 50,000 OHMS
- HIGH OUTPUT

This high quality omni-directional microphone has a swirl ridged aluminum diaphragm completely sealed and gasketed against high humidity and temperature conditions, the PA-49 proves ideal for a wide variety of applications, such as tape recording, church, choral groups and theatrical use. The 360° stirrup shaped bracket provides for mounting with any 3/8"-27 thread floor, desk stand or boom mount. Finished in an attractive gunmetal grey the microphone is supplied with 4 1/2' shielded cable. Shpg. wt., 1 lb. PA-49 MICROPHONE Imported Net 11.95

SLIM DYNAMIC MICROPHONE

- DUAL IMPEDANCE 50,000 AND 250 OHMS
- HIGH OUTPUT
- 50-11,000 CYCLES
- USE ON STAND OR AS HAND MIKE

9⁹⁵



The latest design in slim type microphones. A high-output dynamic mike of exceptional quality. Has very smooth response from 50-11,000 cycles. Built-in external switch gives you choice of either high impedance (50,000 ohms) or low impedance (250 ohms). Omnidirectional tiltable head. Bracket has standard 3/8"-27-thread for use on stand. This bracket is instantly removable so mike can be hand held. Has cast case with satin-chrome finish and acoustically correct grille head. Ruggedly constructed. Size: 8" long, 1 1/4" diam. barrel. Shpg. wt., 2 lbs. Imported PA-29 In lots of 3, Each 9.25 Single, Each 9.95

Lafayette Musical Instrument and Miniature Microphones

NEW! TIE CLASP SUBMINIATURE DYNAMIC MICROPHONE

2.95



This tiny dynamic microphone can easily be concealed in ordinary clothing—ideal for detection and investigation purposes. May be used with a pocket recorder or transmitter for a completely concealed system to record or relay conversations. Microphone is only 1x3/4x3/8", mounted on a 2 1/2" clasp. Frequency range, 200 to 5,000 cycles — more than adequate for perfect speech intelligibility. Impedance, 3000 ohms ± 25% at 1 Kc. PA-289 Imported Shpg. wt., 3 oz. Net 2.95

MICROPHONE KIT

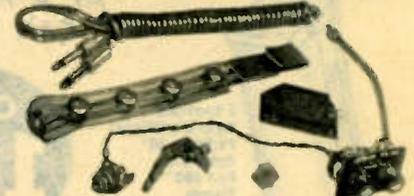
6.88



- Specially Designed Ceramic Element
- Frequency Response: 30-10,000 CPS
- Requires Only 15 Minutes Assembly Time

The ideal microphone for audio enthusiasts, amateurs, education and sound laboratories. Employs an attractive lightweight cast aluminum housing with a specially designed, rugged ceramic element which is unaffected by temperature and humidity. Frequency Response is 30-10,000 CPS. Sensitivity at 1000 CPS is — 52db. Assembles easily in only 15 minutes. Complete with 36" cable. Size: 1 3/8 x 4 1/2". M-70 Shpg. wt., 1 1/2 lbs. Net 6.88

Lafayette ACCORDION MICROPHONE



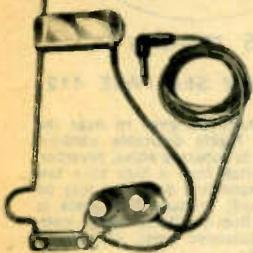
- Supplied with Backstrap
 - Easy-to-Install
 - Tone and Volume Controls
 - Ideal for Beginners and Professionals
- 5.95**

Now accordion owners may enjoy all the advantages of electronic amplification previously limited to stringed instruments. The PA-101, coupled with an amplifier-speaker or P.A. system, provides flexibility impossible with an accordion alone. Alone, it provides a direct pickup for tape recording, eliminating the extraneous noise picked up by a conventional microphone. Included are a case-mounted control bracket containing the volume and tone controls, an output jack, a 10 foot connecting cable complete with phone plugs on both ends, and installation instructions. Shpg. wt., 2 lbs. Imported PA-101 Net 5.95

GUITAR MICROPHONE

MAGNETIC TYPE ALNICO V MAGNET

6.95



FOR GUITAR WITH F HOLES

Complete with Individual Volume Controls

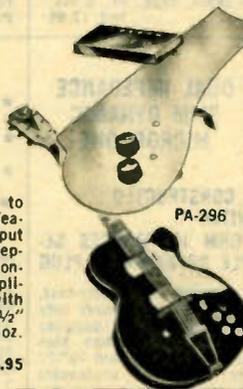
High impedance contact type microphone specially designed for use with guitar. Easily mounted under strings without special attachments. Separate variable tone and volume controls permit wide adjustment to suit personal requirements. While in mounted position, microphone unit can be raised or lowered easily on rod to create varying tonal effects. Supplied with 8 ft. cable and attached standard size phono plug for connection to amplifier. Shpg. wt., 2 1/2 lbs. Imported PA-38 Guitar Microphone Net 6.95

GUITAR MICROPHONE

ONLY **6.95**

- FOR F HOLES

Add brilliant rich tone to your present guitar. Features controlled output power for each string, separate tone and volume controls and removable amplifier cord. Complete with mounting accessories. 10 1/2" long. Shpg. wt., 10 oz. Imported. PA-296 Net 6.95



PA-296

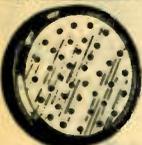
LAPEL MICROPHONE

- Full—55 db. Output Level!
- Ideal General Purpose Mike

1.95



Ideal general purpose mike. Specially engineered crystal Microphone. Attaches to lapel. Only 1 1/8" in diameter. Exceptional frequency response. Output level — 55 db. Chrome plated case and clip for attaching to lapel. Includes 5 ft. of shielded cable. Shpg. wt., 1 lb. PA-9 Imported Net 1.95

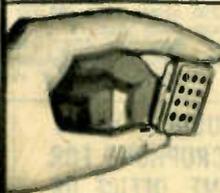


CRYSTAL MICROPHONE CARTRIDGE

1.49

- Replacement for Astatic Shure, and Many Other Popular Microphones

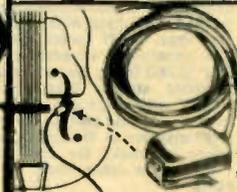
A universal crystal microphone cartridge with heavy flexible rubber cushioned rim designed for speedy, economical repair. Fits tens of thousands of the most popular microphones such as the astatic JT30 etc. Overall diameter 2 1/8", depth 1/2". Output—52 db. Excellent frequency response. Shpg. wt., 8 oz. Imported PA-27 Net 1.49



SUBMINIATURE CRYSTAL MICROPHONE

Only **1 3/8 x 1 1/4" Deep!**

Extremely sensitive and small rectangular microphone for concealed locations, hearing aids, and other miniature equipment. Also suitable as a lapel or miniature transmitter mike. Experimenters, students and hobbyists will find many applications for this useful, low cost item. Shpg. wt., 4 oz. Imported PA-40 Net 1.49



MUSICAL CONTACT MICROPHONE

Easily Attaches to All String Instruments

This low priced, high quality contact microphone is ideal for amplification of single stringed instruments such as guitars, banjos, mandolins, cellos, ukuleles, etc. Provides rich, natural reproduction of the actual tone with sufficient amplification to be heard in a large hall. The clamp bar on the mike slides directly under the sounding board cutout to give a secure fit. Comes equipped with 8 ft. cable for connection to public address amplifiers, tape recorders or radios. Frequency response 40-9,000 cps. High impedance. Size: 1 1/2 x 1 1/8 x 3/8" D. Shpg. wt., 12 ozs. PA-41 Imported Net 1.95



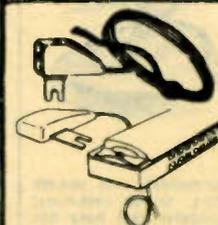
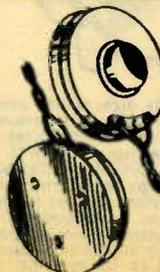
MINIATURE CRYSTAL MICROPHONE

1.49

Here's a typical Lafayette special for the experimenter, student or dealer. An extremely sensitive and small crystal microphone used in hearing aids and other small apparatus. Can be used as lapel mike—miniature transmitter mike—for concealed locations, etc. Its size and performance gives it joint versatility. Size only 1 1/8" x 3/8" deep. Shpg. wt., 6 ozs. Imported MS-108 Net 1.49

MINIATURE DYNAMIC MIKE

Specially designed for use in miniaturized equipment. 600 ohm impedance matches most transistor circuitry calling for dynamic microphones. Rugged—metal encased—to resist mechanical shock and variations in heat and humidity. Measures only 1 1/8" dia. x 3/8" thick. High sensitivity in the voice range. Frequency response 300 to 5000 cps. Output—73 db. Includes 4" flexible lead terminals. Shpg. wt., 4 ozs. Imported PA-74 Net 1.95

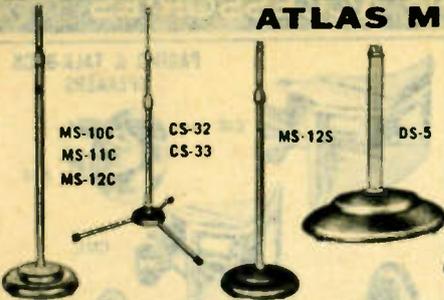


HARMONICA CONTACT MICROPHONE

This is a fine quality, sensitive, crystal contact microphone with a high output that is especially designed to fit harmonicas. When the relatively weak sound of a harmonica is amplified, the results are astonishing. The microphone may be connected to any P.A. system, the audio section of a phonograph, or radio. Installation is simple. The microphone bracket slips under the screw on the bass end of the harmonica and the leads connect to the amplifier system. It is sturdily built and measures only 1 1/8 x 3/8 x 3/8" D. Complete with 7 ft. shielded cable. Shpg. wt., 12 ozs. Imported PA-35 Net 1.49

MICROPHONE STANDS—CONNECTORS—PA ACCESSORIES

ATLAS MICROPHONE STANDS AND BOOMS

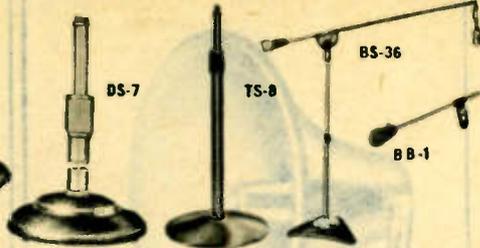


Model MS-10C Full Grip Mike Stand. Economical mike stand featuring "Full-Grip" clutch mechanism for fast quiet adjustments without slipping and wear. Functionally designed base assures maximum stability and includes self-leveling, shock-absorbing pads plus 3 "anti-tip" points. Full chrome plated tube assembly. Terminates in a $\frac{3}{8}$ "-27 thread. Base dia. 10", finished in gray shrivel. Height adj., 35 to 64". Shpg. wt., 9 lbs. **MA-35** Net 5.88

Model MS-12C. As above but with tube extension to 65". Shpg. wt., 12 lbs. **MA-27** Net 6.32

Model MS-11C. As above but with full chrome finished base. **MA-28** Net 8.09

Model MS-12S "Sleeve Action" Mike Stand. New mike stand featuring a fully automatic means of height adjustment. To lower the stand, just press on the "Sleeve Action" control. To raise the stand, any point on the tube can be grasped. Quiet and smooth action. Ht. 35 to 65". Base dia. 10". Standard thread. Shpg. wt., 12 lbs. **MA-29** Net 13.23



Model CS-32 Demountable Stand. Revolutionary in design, this mike stand is fully collapsible to fit in amplifier or speaker carrying case. No tools needed. Self-leveling legs are skid-proof. Features "Full-Grip" and "Velvet Action." Adjustable from 36 to 64 in. Fully chrome plated. $\frac{3}{8}$ "-27 thread. Shpg. wt., 5 lbs. **MA-21** Net 7.35

Model CS-33. As above but with ht. adj. of 26-64". Collapses to 22 $\frac{1}{2}$ ". **MA-22** Net 8.53

Model DS-5 "Velvet Action" Desk Stand. Same quality as floor models. Base dia. 6". Finished in gun metal shrivel. Fixed ht., 4". Shpg. wt., 2 lbs. **MA-23** Net 1.91

Model DS-7. As above but with ht. adj. 8 to 13". Shpg. wt., 3 lbs. **MA-24** Net 3.23

Model TS-8 Adjustable Stand. A decorative and fine appearing stand, suitable for use on a banquet table. Features quiet "Full Grip, Velvet Action" control. Adjustable from 14 $\frac{1}{2}$ " to 26". Base diameter 8". Fully chrome-finished base and tube assembly. Shpg. wt., 5 lbs. **MA-36** Net 8.03

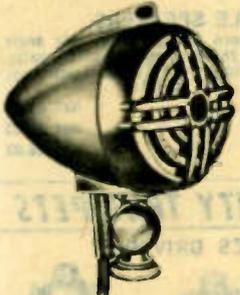


Model BS-36 Professional Boom Stand. Offers a removable 62" boom. "Safety Air-lock Cushion" eliminates slippage. The gyromatic swivel joint at end of boom always keeps mike in proper position. Base is 17" in diam., with shock mounted pads. Vertical adj., 48 to 72". All tubes super-chromed plated. Finished with "Snap-On" hangers for holding cable to boom. Shpg. wt., 33 lbs. Shipped express only. **MA-20 WX** Net 39.10

Model BB-1 "Baby Boom" Attachment. Use with any mike stand. 32" long. $\frac{3}{8}$ "-27 thread. Chrome plated. All swivel parts are precision die castings. Shpg. wt., 3 $\frac{1}{2}$ lbs. **MA-19** Net 4.70

FLEXO MIKESTER

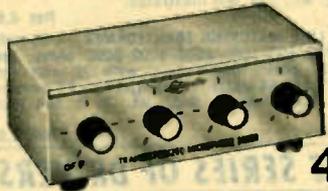
Model 1 Versatile mike stand with an extremely flexible arm, providing wide range of adjustment. Swings out 36" in any direction. Ideal for use in radio broadcast or recording studios, offices, airport, switchboard, theatres, night clubs, schools, hotels. Handles any mike up to 4 lbs. in weight. Clamps or screws to any horizontal or angular surface up to 3" thick. Shpg. wt., 4 $\frac{1}{2}$ lbs. **M-141** Net 8.23



QUALITY CRYSTAL MIKE
2.95

Attractively styled crystal microphone for all general applications such as public address and home recording. Frequency response 30-10,000 cycles. Output level—52 db. Tilting head, attractive plastic case. Can be used on any stand with $\frac{3}{8}$ "-27 thread. Completely equipped with 5-ft. plastic covered shielded cable. Grill diam. 2 $\frac{1}{4}$ ", depth 3 $\frac{1}{2}$ ", height 4". Shpg. wt., 2 lbs. Imported **PA-42** Net 2.95

TRANSISTORIZED MIKE MIXER



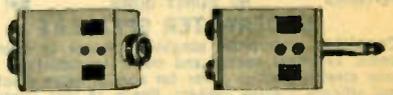
4.85

- Up to 4 Channels
- Matches Hi Impedance Microphones

A compact microphone mixer capable of providing professional results. Mixer controls from one to four signals from hi-impedance microphones, tuner, phonograph and/or recorder. Permits amplifying or fading of any channel while holding the volume of other channels. Inputs accept standard 2-circuit phone plugs—output jack accepts standard circuit phone pin plugs. Requires single 9-volt battery (not supplied). Size 6Wx 2 $\frac{1}{4}$ Hx3 $\frac{1}{2}$ "D. Shpg. wt., 1 $\frac{1}{4}$ lbs. Imported **PA-292** Net 4.85

BA-2 Battery for above Net .21

SWITCHCRAFT "MINI-MIX" AUDIO MIXER



Miniature 2-input hi-impedance mike and phono mixers. Separate gain controls for mixing. Shielded housing. Ideal for use with tape recorders, musical instruments, phonographs, microphones. Size: 2 $\frac{1}{4}$ x1 $\frac{3}{4}$ x1 $\frac{1}{4}$ ". Shpg. wt., 1 $\frac{1}{4}$ lbs.

- 320** — Microphone connector inputs and outputs. **MS-858** Net 4.67
- 310** — Phone jack inputs and phone plug output. **MS-856** Net 4.67
- 311** — Same as above but with longer plug to fit recorders with recessed jacks. **MS-929** Net 5.26
- 315** — Phone jack inputs and microphone connector output. **MS-857** Net 4.67
- 316** — Phono jack inputs and phono plug output. **MS-930** Net 4.67

NEW LAFAYETTE GENERAL PURPOSE CRYSTAL MIKE

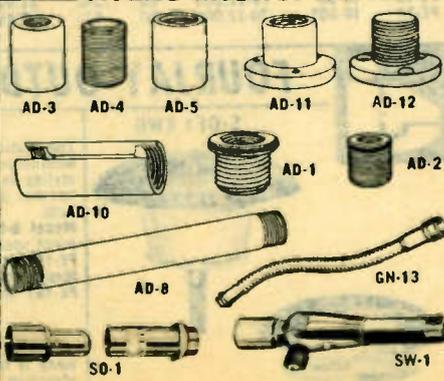


1.95

- For Desk-Top, Hand-Held Use
- Full —55 DB Output Level
- Excellent Frequency Response

An attractive, specially engineered general purpose crystal mike for desk-top or hand-held use. Excellent frequency response. Output level—55 db. Only 1 $\frac{1}{2}$ " in diameter. Includes 5-ft. of shielded cable for connection to tape recorders, public address amplifiers and radios. Chrome plated stand. Shpg. wt., 1 $\frac{1}{4}$ lbs. Imported **PA-404** Net 1.95

ATLAS MICROPHONE ACCESSORIES



Model GN-13 Goose Neck. 13" long for complete adjustment of mike $\frac{3}{8}$ "-27 thread. Chrome finish. Shpg. wt., 1 lb. **MA-25** Net 1.63

Mike Flanges And Extension Rods. For neat and permanent mounting. Fits $\frac{3}{8}$ "-27 mikes. Base dia., 1 $\frac{1}{4}$ " .3 mounting holes with $\frac{7}{8}$ " mounting centers. Extension rods, male on both ends. Av. shpg. wt., 6 oz.

- MA-18 AD-12 Male Flange** Net .44
- MA-17 AD-11 Female Flange** Net .44
- MA-15 AD-8 6" Ext. Rod** Net .47

Mike Adapters. For adapting special fittings. Wt., 2 oz.

- MA-10 AD-1** $\frac{3}{8}$ "-27 female to $\frac{1}{2}$ " male thread (RCA) Net .53
- MA-11 AD-2** $\frac{1}{8}$ " female pipe to $\frac{3}{8}$ "-27 male Net .38
- MA-12 AD-3** $\frac{1}{8}$ " female pipe to $\frac{3}{8}$ "-27 female Net .38
- MA-13 AD-4** $\frac{3}{4}$ " long $\frac{3}{8}$ "-27 male running thread Net .21
- MA-14 AD-5** $\frac{3}{8}$ "-27 female to $\frac{3}{8}$ "-27 female coupling Net .38
- MA-16 AD-10** $\frac{3}{8}$ "-24 female to $\frac{3}{8}$ "-27 female (W.E. Adapter) Net .76

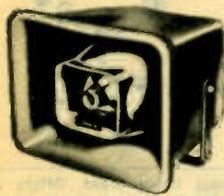
Model SW-1 Gyromatic Swivel. Permits any mike to be locked at any angle. $\frac{3}{8}$ "-27 thread. 4 $\frac{1}{2}$ " long **MA-31** Shpg. wt., 1 $\frac{1}{2}$ lbs. Net 2.80

Model SD-1 "Snap-On" Mike Attachment. Quick and safe. For all mikes and stands. Two "Snap-On" sections. **MA-30** Shpg. wt., 1 lb. Net 1.62

Model GN-19. As GN13 but 19" long. Shpg. wt., 1 $\frac{1}{2}$ lbs. **MA-26** Net 2.35



COMMERCIAL AND INDUSTRIAL LOUDSPEAKERS AND ACCESSORIES



MLC



CLC



MM-2FUW

HI-FI WEATHERPROOF COAXIALS

MODEL MLC COAXIAL SPEAKER SYSTEM — For music and paging. Exceptionally natural sound. 15 watts; 150-15,000 cps; 120° dispersion; 8 ohms; 12 3/4" W x 9 1/8" H x 10 3/4" D. Shpg. wt., 10 lbs.
PE-116 Net 33.81

INDOOR/OUTDOOR WEATHERPROOF HI-FI SPEAKER MODEL CLC

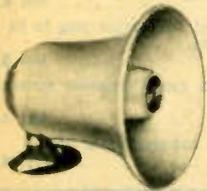
Designed for natural voice and music reproduction. Response: 55-14,000 cps Power Rating 30 watts. Imped. 8 ohms. Dia. 22 3/4" Depth, 12 1/4". Shpg. wt., 19 1/2 lbs.
PE-106WX NO MONEY DOWN Net 68.50

UNDERWATER SPEAKERS

Completely waterproof speakers for use in swimming pools. Excellent speech and music reproduction. Stainless steel protective cover for special nylon diaphragm and silicone treated gaskets. Heavy 18 foot connection cable with third wire for grounding. 25 watts. 16 ohms. MM-2UW—For bracket mtg. 6" O.D. 5" deep. Shpg. wt., 5 1/4 lbs.
PE-119 Net 43.66

MM-2FUW—For flush mtg. 6 1/2" dia. circle 7 1/4" O.D. 3 3/4" deep. Shpg. wt., 6 lbs.
PE-120 Net 43.66

ATLAS MODEL EC-10



PAGING SPEAKER

A powerhouse of crisp sound for a wide variety of applications. Ideal where space, weight and appearance are factors. Advanced speaker technology includes, hi-impact, tough plastic horn and throat sections, vibration-free and weather-proof; ceramic magnet in driver unit for high efficiency; adjustable steel mounting bracket. Power 6 watts, Imped. 8 ohms; Response: 400-10,000 cps. Overall length 6 3/4". Bell dia., 6 1/4". Shpg. wt., 3 lbs.
PE-63 Net 14.25



"BARD" OUTDOOR HI-FI SPEAKER

- For Patio, Pool, Garden

Capable of producing high quality distortion-free sound. Rigid hemispherical steel enclosure enhances the response of the enclosed Bozak B-800 speaker unit with its fully waterproof cone. Size 18" diam. x 21" H x 12" D. Phone jack input (plug supplied). Impedance 8 ohms. 40 watts max. Range 80-15,000 cps. with carrying handle, adjustable trunnion, base.



PE-175WX Shpg. wt., 28 lbs.

Net 79.50



GH, LH,
PH, SMH

DIRECTIONAL REFLEX TRUMPETS

High efficiency directional projector horns made of heavy gauge spun aluminum. Weather proof; gray finish. With universal "U" type mounting bracket, less driver unit.

Type GH: 85 cps cut off for music. Types LH and PH: 120 and 150 cps cut off for general use. Type SMH: 200 cps cut off for voice only.

Stock No.	Mdl.	Diam.	Lng.	Air Col.	Wt.	Net
PE-75WX	GH	30 3/8"	27 3/8"	6 1/2"	22 lbs.	44.46
PE-76	LH	25 5/8"	19"	4 1/2"	16 1/2 lbs.	27.78
PE-77	PH	20 1/4"	15 3/4"	3 1/2"	11 1/4 lbs.	20.07
PE-78	SMH	16 1/4"	12"	2 1/2"	8 lbs.	16.97

UNIVERSITY ACCESSORIES

MODEL 5433 LINE MATCHING TRANSFORMER — 30 watt. Primary 45/165/200/250/500/1000/2000 ohms; secondary 4, 8 and 16 ohms; 70 volt line taps 30/25/20/10/5/2.5 watts. 1 3/4" x 2 1/4" x 1 1/4". 2 3/8" centers. Fits into CTR housing. Shpg. wt., 1 lb. Not illustrated.
PE-108 Net 4.53

MODEL 5434 LINE MATCHING TRANSFORMER — 15 watt. Primary 45/325/500/1000/2000/4000/8000 ohms; secondary 4/8/16 ohms; power taps with 70 volt line 15/10/5/2.5/1.25/.65 watts. 1 1/2" x 1 1/4" x 1 1/4". 2" centers. Fits CTR and PB-1 housings. Shpg. wt., 3/4 lb. Not illustrated.
PE-109 Net 3.88



PAGING & TALK-BACK SPEAKERS

PAGING & TALK-BACK SPEAKERS

Small, weatherproof highly-efficient horns and drivers for maximum penetration in noisy and large areas.

Model 1B-A-8—Response 250-13,000 cps; power capacity 15 watts; 8 ohm voice coil; 90° dispersion angle; 10" diam. 9 1/4" deep. Shpg. wt., 4 lbs.

PE-90 Net 20.29

Model 1B-A-45—Same as above with 45 ohm voice coil.

PE-91 Net 21.17

Model 1B-A-4—Same as above with 4 ohm voice coil.

PE-92 Net 21.17

Model MIL-A—Similar to 1B-A-8. Rated at 7.5 watts. 120° dispersion. 7 1/4" Diam. 6 7/8" Deep. 8 ohm voice coil. Shpg. wt., 3 3/4 lbs.

PE-93 Net 16.67

PE-94 Same, 45 ohm Net 17.74

PE-95 Same, 4 ohm Net 17.74

WIDE ANGLE SPEAKERS

Model CIBA-8 "Cobra" horn with uniform wide angle (120° x 60°) dispersion. 250 to 13,000 cps, 25 watts. Omniswivel mtg. 7 3/8" H x 14 W x 12" D. 8 ohm voice coil. Shpg. wt., 5 1/2 lbs.

PE-123 8 ohm Net 27.05

PE-124 Same, 45 ohm Net 28.02

PE-125 Same, 4 ohm Net 28.02

DELUXE SERIES OF DRIVERS FOR UNIVERSITY TRUMPETS

Outstanding drivers for all University trumpets. ID-20 is ideal for low-cost general PA work; ID-30 is recommended for maximum speech intelligibility. ID-40 is recommended for critical P.A. and industrial requirements. ID-40T is the same as the ID-40 with a built-in transformer; ID-60 is a superb new driver with extra power handling capacity combined with maximum sensitivity; ID-60T same as ID-60 with matching transformer. This deluxe line is available in a striking acrylic paint finish.

Stock No.	Model	Response (CPS)	Shpg. Wt.		Net
			Watts	Lbs.	
PE-69	ID-20	120-6500	20	3	14.70
PE-70	ID-30	100-7500	30	3 3/4	18.50
PE-71	ID-40	80-12,000	40	4 1/2	23.23
PE-72	ID-40T	80-12,000	40	5 1/4	31.02
PE-73	ID-60	70-12,000	60	5 3/4	31.02
PE-74	ID-60T	70-12,000	60	6 3/4	37.19

ID SERIES DRIVERS



ID-20



ID-30



ID-40



ID-40T



ID-60



ID-60T

FOURJAY-OUTDOOR PATIO SPEAKERS



S-DF1 8WG



MELODY BELL

THE PATIO PAIR

The Patio Pair consists of a separate loudspeaker baffle with weatherproof speaker, and a separate patio lamp. Identical in styling in green and white fiberglass with pipe fitting for 1" pipe. Speaker provides even dispersion of sound. Accepts up to 100-watt bulb.

Model S-DF1 8 WG Speaker Baffle. Includes 10-watt, 8" weather-proof speaker with 40-11,000 cycle range, 8-ohm voice coil.
PE-160 Shpg. wt., 6 lbs. Net 17.05

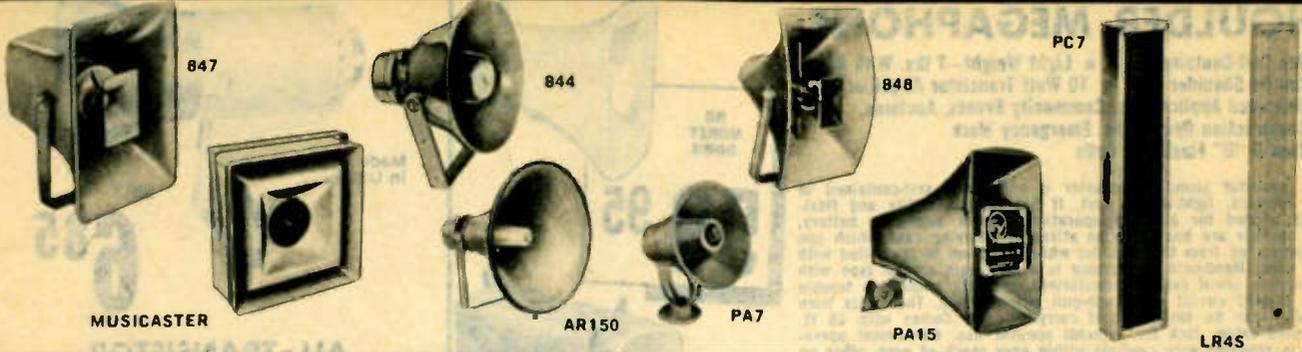
Model LMP 60/100WG attractive Patio Lamp less bulb.
PE-161 Shpg. wt., 4 lbs. Not Illustrated Net 10.05

FOURJAY MELODY BELL

FOR OUTDOORS — FOR INNDOORS

Hang it from trees, overhangs, wires, posts, etc. All fiberglass construction and design assures even dispersion of sound as well as fine tonal quality. Includes efficient 10 watt 8" weatherproof speaker with 40-11,000 cycle range, 8-ohm voice coil.
PE-162 White and green finish—Shpg. wt. 5 lbs. Net 14.26

Electro-Voice® COMMERCIAL P. A. SPEAKERS



PAGING SPEAKERS

Model 844—Compact, general purpose paging projector speaker system featuring natural voice reproduction and high intelligibility. Rugged diecast horn. Freq. response 250 to 13,000 cps, EIA pressure rating: 56 db. Power handling capacity — 30 watts. Impedance 8 ohms; dispersion: 90°; for mounting: universal "U" bracket. Dimensions: 9 7/8 x 8 3/4" deep. Shpg. wt., 8 1/2 lbs.
 PE-10 Net 21.46
Model 844-45—Same as 844, but with 45 ohm voice coil. Shpg. wt., 8 1/2 lbs.
 PE-11 Net 22.34
Model 847—Utilizes famous CDP Principle. Frequency 250-10,000 cps. Uniform Dispersion 120°x90° area. Has two Fibreglass molded horns—each covering only half the voice range. Rated 25 watts; 16 ohms. Size 11 3/4 x 7 3/4 x 10 1/2". Shpg. wt., 10 lbs.
 PE-12 Net 29.99
Model 847-45—Same as 847, but with 45 ohm voice coil. Shpg. wt., 10 lbs.
 PE-13 Net 30.77

PAGING PROJECTORS

Model PA-15— Compact weatherproof paging projector in rugged diecast housing. Features 15-watt power handling capacity and wide angle coverage, with unique swivel mount for easy installation almost anywhere. Impedance, 8 ohms; frequency response, 350-13,000 cycles; dispersion, 120°. Colored in mesa tan, 9x6x9 1/2"D.
 PE-49 Shpg. wt., 6 lbs. Net 17.64
Model PA-15-45—Same as above, except with 45 ohm voice coil. Net 18.13
 PE-50
Model PA-15T—Same as PA-15, but includes high quality transformer for matching the driver to 70.7 volt line. Includes 1 1/2, 2 1/2, 5, 10 and 15-watt taps.
 PE-51 Net 21.17
Model PA-7 Attractively styled horn is constructed completely of Cycloac® virtually indestructible. Non-resonant horn won't dent, finish cannot wear off. Ruggedness assures greatest dependability. E-V exclusive ring diaphragm eliminates loading problems. Handles a full 7 1/2 watts over a range of 40 to 13,000 cps. Wide 120° dispersion angle provides excellent coverage. 8 ohms. With mounting bracket for mobile applications. Size: 6 3/4" diameter by 6" deep.
 PE-53 Shpg. wt., 3 3/4 lbs. Net 15.88
Model AR150 Reentrant Horn. Round, aluminum concentrating horn for maximum penetration at lowest cost. New exponential design achieves extremely wide range with remarkably natural voice and music quality. Rubber-edge damping ring eliminates resonances. Accepts any standard driver. Specifications: low frequency horn cut-off 150 cps; taper, 150 cps; air column length 41"; sound distribution 85°; diameter 12"; depth (less driver) 17". Shpg. wt., 8 lbs.
 PE-38WX Net 19.99

PROJECTOR HORNS

Model 848 Compound Diffraction Projector—a wide range horn and driver system using Electro-Voice DC30A single driver unit plus high and low frequency horns coupled to both sides of diaphragm. Delivers wide angle sound with extremely low distortion. Outer horn is fabricated of fiberglass & polyester resin for strength and resistance to corrosion. Rating: 52 db. Power capacity 30 watts program. Response 150-10,000 cps. Impedance 16 ohms, low freq. horn taper 100 cps. Dispersion 120°. Universal U Mounting bracket. Dimensions: 10 1/2 x 20 1/2 x 20".
 PE-33WX Shpg. wt., 17 lbs. Net 48.51
Model 848-45—Same as 848, but with 45 ohm voice coil. Net 49.41
 PE-34WX

HI-FI OUTDOOR WEATHERPROOF SPEAKERS

MUSICASTER—Designed for superior voice and music reproduction. Provides unusual bass response and balanced highs in a compact diecast aluminum enclosure. Rugged 8" Radax speaker, weather-proof cone. Ideal for schools, clubs, churches, and general auditorium use. Freq. response 60-13,000 cps, EIA rating 48 db. Power handling capacity 30 watts, impedance 8 ohms. Dispersion: 120°. Dimensions: 21 1/2 x 21 1/2 x 8 1/2". Universal "U" mounting bracket. Shpg. wt., 34 lbs.
 PE-14WX Net 52.92
MUSICASTER II—Same as above, except wider coverage up to 18,000 cps. Has built in Range Extender with crossover. Shpg. wt., 36 lbs.
 PE-15WX Net 73.49
Model MB-1 Bracket to mount Musicaster flat against wall. Shpg. wt., 1 lb.
 PE-16 Net 2.65

PORTABLE COLUMN LOUSPEAKERS

Model PC7 Utilizes Six 5"x7" cone speakers. Compact and lightweight make it truly portable. Wide, smooth horizontal dispersion, eliminates critical placement. Response: 100-10,000 cps; handles 30 watts program material, 60 watts peak; vertical dispersion, 40°, horizontal dispersion, 160°; Imped. 16 ohms. Size: 42Lx8 1/2 Wx5 3/4"D. Shpg. wt., 19 lbs.
 PE-54WX Net 57.04
Model LR4S Straight Line Radiator—Utilizes twelve 4" speakers. Features 160° horizontal dispersion with only 30° vertical dispersion, to keep sound off floor and ceiling indoors, and keep sound confined to audience outdoors. Filter acoustically shortens length of radiator with increasing frequency to maintain uniform pattern. Flat frequency response from 100 to 10,000 cps. Completely weatherproof in a 52" x 7 1/2" x 4 1/2" tan metal cabinet. Impedance, 8 ohms. With mounting kit.
 PE-48WX Shpg. wt., 16 lbs. Net 73.50

LOW WELL CEILING AND WALL BAFFLES

FLUSH-MOUNTING PLASTIC SPEAKER BAFFLES

Decorative high impact Styrene plastic baffles. White finish. Lightweight and durable — will not fade, chip or mar — Model ADS80-P has full 360° dispersion. Self-tapping speaker mounting screws supplied. Cannot be seen from front of baffle.

Stk. No.	Type	Description	Wt.	Net
PE-152	ADS80P	For 8" ceiling Spkr 10x10"	8 oz.	2.70
PE-153	CR80-P	For 8" ceiling/wall Spkr 10x10"	8 oz.	2.50
PE-148	L35-P	For 3 1/2" intercom Spkr 4 1/2 x 7"	3 oz.	.93

Enclosures For Plastic Speaker Baffles. Metal Enclosures Having Acoustic Treated Interior, Easy To Install.

Stk. No.	Type	For	Dim.	Wt.	Net
PE-149	P875X	ADS80, CR80	8 3/4 x 8 3/4 x 3 3/8"	3 lbs.	4.70
PE-150	P22X	L35P	6 1/4 x 4 x 2"	1 lb.	1.31

FLAT PANEL BAFFLE

Type M8 — Designed to match and replace standard 12"x12"x1/2" acoustic tile blocks. Permits a completely hidden speaker system — for 8" speakers — speaker mounting hardware is furnished — Baffle is zinc chromate undercoated and finished in flat white lacquer 12x12x1/2". Not illustrated.
 PE-133 Shpg. wt., 1 1/2 lbs. Net 3.11

SURFACE MOUNTING BAFFLES

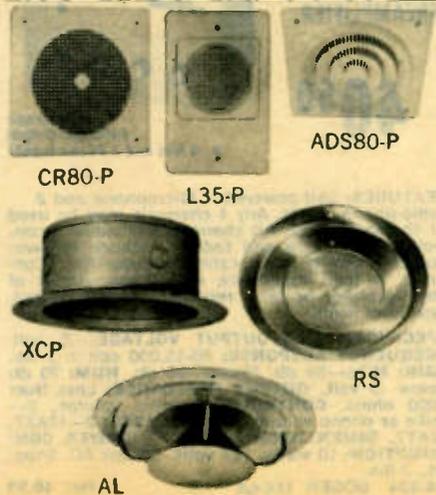
RS and AL Wall and Ceiling Baffles — Aluminum baffles with 1/2" mtg. flange finished in satin for installations in offices, restaurants, etc. RS types for recessed wall mtg., AL for recessed ceiling mtg. Require flush-mounting baffle enclosures, Type CP & XCP.

Stk. No.	Type	Description	Lbs.	Net
PE-130	RS-6A	For 6" spkr 10 3/4 x 7 1/4"	1	2.25
PE-131	RS-8A	For 8" spkr 12 3/4 x 1 1/2"	1	2.50
PE-151	RS-8A	Same as PE-131, wh. enam. 1	1	2.50
PE-132	RS-12A	For 12" spkr 16 1/2 x 1 1/2"	1 3/4	3.40
PE-134	AL6A	For 6" spkr 10 1/2" Dia.	1 1/2	3.35
PE-135	AL8A	For 8" spkr 12 3/4" Dia.	1 3/4	5.45
PE-136	AL12A	For 12" spkr 16 3/4" Dia.	3 1/2	6.90

FLUSH-MOUNTING BAFFLE ENCLOSURES

CP & XPS Series — Designed for mounting AL and RS baffles. CP for new constructions, XCP for existing ones. All have steel can, plastic ring and sufficient speaker back pressure. Shpg. wt., CP6 and XCP6, 3 1/2 lbs. each: CP8 and XCP8, 4 1/4 lbs. each: CP1012 and XCP1012, 7 1/2 lbs. each.

Stock No.	Mfr. Type	For	Size		
			I.D.	O.D.	Depth Net
PE-140	CP6	AL6A, RS6A	7"	11 1/4"	4" 3.28
PE-141	CP8	AL8A, RS8A	8 1/2"	13"	4 1/2" 4.05
PE-142	CP1012	AL12A, RS12A	12 1/2"	17 1/4"	7" 5.54
PE-143	XCP6	AL6A, RS6A	—	7"	4" 3.33
PE-144	XCP8	AL8A, RS8A	—	8"	4 1/4" 3.62
PE-145	XCP1012	AL12A, RS12A	—	12 1/2"	7" 4.89



LAFAYETTE TEN-WATT TRANSISTORIZED SHOULDER MEGAPHONE

- One Self-Contained Unit • Light Weight—7 lbs. With Battery
- Can Be Shoulder Held • 10 Watt Transistor Amplifier
- Unlimited Applications: Community Events, Auctions, Construction Operations, Emergency Work
- Uses 6 "D" Flashlight Cells

This powerful sound broadcaster is completely self-contained in one compact, light-weight unit. It has the portability and flexibility needed for all field operations. Power amplifier, battery, and speaker are housed in an attractive carrying case which can be supported from the shoulder while operation is controlled with one hand. Hand-held microphone is a high gain crystal type with detachable spiral cord. Transistorized amplifier employs a trouble free printed circuit with push-pull output stage. The reflex horn speaker can be taken out of carrying case. Comes with 15 ft. attached cable. Jack for external speaker use. Convenient operation is provided with controls within easy reach of each other on top of case. Features 3 inputs—2 high impedance for dynamic or crystal microphones and 1 low impedance for radio or tape recorder use. Mixing circuit permits all three inputs to be used simultaneously. Amplifier is powered by 6 inexpensive "D" type flashlight cells or from external 9 or 12 volt battery. Comes complete with leather covered carrying case, microphone, leather carrying strap, microphone case, 2 input plugs and battery. Specifications: Output—10 watts max; Battery current drain—1.6 amp. at max. power output, 0.16 amp at 0 power output. Output impedance 8 ohms, aux. speaker output impedance—8 ohms. Input impedance—(mic 1) 50 K ohms (mic 2) 150 K ohms, (radio) 4 ohms; Power source—6 "D" cells, 9v. or 12v. batteries. Speaker size—7½x4" mouth, 7¾" long. Carrying Case Size—11½x4½x8 8½" H Shpg. wt., 11½ lbs. Imported PA-102



ALL-TRANSISTOR BULL HORN

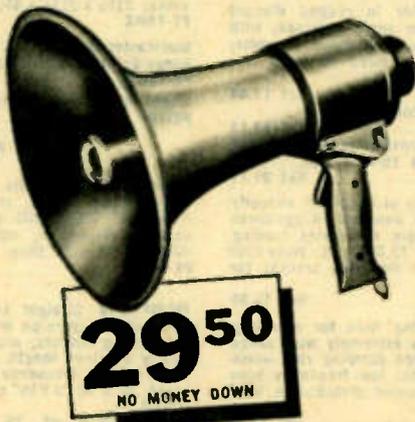
- Weighs only 2½ lbs. • Range up to 400 feet
- For Hunting, Camping, Boating, Sports

A fully transistorized directional megaphone at a special low price. Lightweight, it carries your voice hundreds of yards or above noise. Just press the trigger and talk. Features variable volume control and carrying strap. Uses 4-standard "D" cells (not supplied with unit). 11 inches long. Shpg. wt., 3 lbs.
PA-353 Net 6.85
BA-137 1½-Volt D batteries, 4 required Net .13

LAFAYETTE PISTOL-GRIP POWER MEGAPHONE

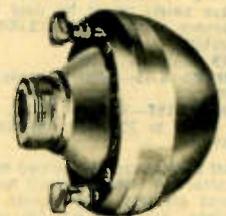
- WEIGHS ONLY 4¼ LBS. COMPLETE WITH BATTERIES • COMPACT ALUMINUM REFLEX HORN PROJECTS SOUND A CONSIDERABLE DISTANCE
- IDEAL FOR LIFEGUARDS, COACHES, CONSTRUCTION GANGS, SPORTING EVENTS — PLUS HUNDREDS OF OTHER APPLICATIONS!

A lightweight new megaphone notable for its extreme economy in battery power despite its high sound volume output. Uses 4 large size D flashlight batteries and has a patented non-linear current-limiting device to give maximum possible battery life. Weighs only 4¼ lbs.—just pick it up, aim, press the pistol-grip switch, and talk! The reflexed air column in the horn plus its special shape serve to concentrate and direct the amplified sound and throw it for a considerable distance! The rubber-hinged horn is of lightweight spun aluminum and construction is extremely sturdy throughout. Microphone is built into the base of the horn. Batteries are simply replaced by loosening a single screw—done easily with a coin. Unit measures 12½" long; mouth diameter is 8¼". Shpg. wt., 6 lbs. Imported. PA-182 Power Megaphone Net 29.50
BATTERIES FOR ABOVE—Burg. No. 2 or equiv. (4 required.) Shpg. wt., 1 oz. ea. Net ea. .13



LAFAYETTE 25-WATT DRIVER UNIT

FITS ALL TRUMPETS and PROJECTORS



9⁸⁵

Hermetically sealed weatherproof driver unit. Delivers 25 watts of power. Perfect for any location where high volume with low distortion is desired. The PA-57 will fit any trumpet or projector of your choice without modification. The wide-range frequency response of 120-7,100 cps assures excellent reproduction of music and speech. 16 Ohm impedance matches all amplifiers. Size 4" Diameter, 3-5/8" depth. Shpg. wt., 3½ lbs. Imported PA-57 Net 8.85

BOGEN VP SERIES PORTABLE TRANSCRIPTION PLAYERS

FEATURES OF THE VP20/VP40 SERIES

HI-FI PLAYER: 4-pole motor, takes up to 16" discs. AUTOMATIC TONE ARM CUEING, VARIABLE SPEED: from 29 to 85 rpm. AMPLIFIER RESPONSE: ± 1½ db, 50-50,000 cycles. INPUTS: phono (internal), tuner or tape recorder, 2 high Impedance Microphones. CONTROLS: Master Power, Bass, Treble, Input 2 Volume, Mic 1 Volume, Scratch filter, Input 2 Selector, Speech Filter (VP40). FINISH: Grey and Black Vinyl.



VP20 TRANSCRIPTION PLAYER
Includes 850 hi-fi player and 40-watt PA amplifier in one compact portable case. "Break-Apart" design. Amp/Phono are in one side, 12" heavy-duty speaker and 25 ft. of cable in other. For 117V 60 cycles AC. Size: 16½x15¾x12¼". Shpg. wt., 50 lbs.
PA-307WX No Money Down Net 140.90
VP-10 10-watt Portable Transcription Player (not illustrated).
PA-330WX Net 96.90

VP40 TRANSCRIPTION PLAYER
Contains famous 850 hi-fi turntable and 40-watt PA amplifier in one compact case. 2 heavy-duty 12" speakers and 25 ft. of cable mounted in "break-away" speaker cases. Size: Amp/Phono case—18¼x16¼x8½" D. Speaker case—16x15¼x11½" D. For 117V 60 cycles AC. Shpg. wt., 55 lbs.
PA-304WX No Money Down Net 204.95



BOGEN VERSATILE MX-6A MIXER-PREAMPLIFIER



40⁵⁰

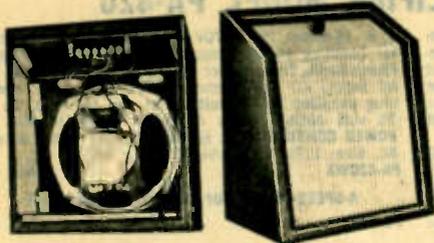
- Cathode Follower Output
- 4 Mic and 2 Phono Inputs

FEATURES: Self-powered. 4 Microphone and 2 radio-phono inputs. Any 4 channels may be used at the same time. All channels individually controlled for mixing and fading. Cathode follower output—permits long cable to amplifier. Connects to high impedance radio/phono input of any amplifier or tape recorder. .5 volt output. Low hum level.

SPECIFICATIONS—OUTPUT VOLTAGE: .5 volt
FREQUENCY RESPONSE: 50-15,000 cps ± 2 db.
GAIN: Mike—59 db, Phono—30 db. HUM: 70 db below .5 volt. OUTPUT IMPEDANCE: Less than 1000 ohms. CONTROLS: 2—mike volume, 2—mike or phono volume; on-off. TUBES: 2—12AX7, 12AT7. DIMENSIONS: 8x4¾x6½". POWER CONSUMPTION: 10 watts, 117 volts, 60 cps AC. Shpg. wt., 3 lbs.
PA-324 BOGEN MX-6A Net 40.50

OUTSTANDING LAFAYETTE PA VALUES

LAFAYETTE 8" 10-WATT PRE-WIRED SPEAKER-BAFFLE COMBINATION



13⁹⁵

- For Public Address, Paging, Music Distribution Use • Built In 70-Volt Line Matching Transformer with Taps for 10, 5, 2.5, 1.25 and .625 Watts
- Built-In Individual Volume Controls • Only A Screwdriver Needed to Connect Speaker Lines

An 8-ohm speaker baffle combination for any type of indoor sound system. Perfect for schools, stores, offices, churches. Each unit is completely pre-wired. The heavy-duty 8" speaker with 4.64 oz. Alnico V Magnet rated at 10 watts, is installed in the beautifully styled acoustically-designed plywood baffle; the matching transformer is mounted directly on the sturdy warp-free speaker frame. Transformer taps are 10, 5, 2½, 1¼ or ¾ watts, for connection to 70-volt amplifier output, and any individual speaker taps can be changed without the need to change transformer connections on remaining speakers of the PA system. A terminal board with screw terminals is provided at the rear of each baffle for easy connections. Each speaker has its own volume control for setting volume levels as desired at each speaker location—extremely important in most school, department store, etc., paging or music distribution system installations. Size is 11Wx9"Hx6½"D. Shpg. wt., 7 lbs. Imported

PA-79W Speaker Baffle Combination

Net 13.95

NEW LAFAYETTE TELEPHONE AMPLIFIER



10⁹⁵

- 4-Transistor Circuit
- 2¼" PM Speaker
- Several People Can Listen In on Conversation Simultaneously
- Battery Operated

An efficient battery operated telephone amplifier which can be applied to and used with any type of telephone. Amplifies incoming voice and projects it through a 2¼" PM speaker. Suction cup on pickup coil attaches easily to telephone and makes permanent installation unnecessary. Volume control (with on-off switch) permits adjustment of volume to appropriate level for up to several people to listen in on conversation at the same time. 4-transistor amplifier is powered by inexpensive, long-lasting 9-volt battery (supplied). Unit is housed in a two-tone ivory and grey high-impact plastic case measuring 3¼xWx3½xHx2¼"D. Shpg. wt., 1 lb. Imported

F-938

Net 10.95

BA-2 Replacement 9V Battery

Net .21

LAFAYETTE HI-FI "THIN LINE" CEILING & WALL BAFFLE SPEAKER



- Measures Only 2¼" Deep
- Employs New Inverted Magnet
- Perfect for Hi-Fi Extension Speaker or PA Use

5⁹⁵

**Outstanding Sound Quality!
Superb Value!**

The perfect speaker to furnish music or paging throughout your home, office or factory, this unique ceiling and wall baffle speaker offers dazzling audio reproduction. Advanced design employs an inverted magnet, placing the 12 oz. magnetic structure in front of the speaker rather than behind as in conventional speakers. Only 2¼" deep with its own metal baffle plate, the SK-175 easily mounts in any wall, ceiling, closet or ordinary wood enclosure. Two are perfect for stereo. Voice coil is 1" Diam. Frequency Response: 90-9,000 cps. Impedance: 8 ohms. Overall size including metal baffle is 9½". Requires 6½" wall cutout. Shpg. wt., 3 lbs. Imported

SK-175

Net 5.95

LAFAYETTE PA VALUES SPECIAL 12" & 8" P. A. SPEAKERS

- 12"-FULL 15 WATTS OF POWER • 8"-FULL 10 WATTS OF POWER • HEAVY ALNICO V MAGNETS

TWELVE-INCH MODEL

12" MODEL—Fine quality throughout, these speakers were designed especially for public address work. Will handle 15 watts of power—making them ideal for use singly for medium power systems or in multiples for higher power. Rugged mechanical construction, dust-proofed and rust-resistant. Have 6.8 oz. Alnico 5 magnet, 8 ohm voice coil. Shpg. wt., 5 lbs.

SK-118

Net 5.25



EIGHT-INCH MODEL

8" MODEL—Ideal for larger scale, lower power paging systems. Same quality as 12" speaker above, but 8" diameter, rated at 10 watts, with 3.16 oz. Alnico V magnet, 8 ohm voice coil. Shpg. wt., 3 lbs.

SK-119

Net 3.95



LAFAYETTE AUXILIARY PA SPEAKER

6⁹⁵

- Ideal for Outdoor Use
- Excellent as a Paging Speaker

Specialty designed speaker and housing for superior voice reproduction. Versatile mounting base, easily installs on any flat surface. Excellent as a paging speaker or extension speaker. Gray and finished chrome color combination matches most modern equipment. Frequency response 150 to 10,000 cps. Rapid drop beyond cut-off point. Perfect for mobile installations. Input impedance 4 ohms. Measures 5¼ dia. x 5 deep x 7" high including base. Shpg. wt., 4½ lbs. Imported.

HE-13

Net 6.95

LAFAYETTE MINIATURE HORN PAGING SPEAKER

- Mounts Easily
- 90° Dispersion
- Weatherproof

7⁹⁵



An excellent general purpose paging speaker of amazingly compact size. Ideal for portable PA systems, patios etc. Long throw projection of 90° dispersion offers maximum speech intelligibility in high noise areas. Compact size enables it to be mounted anywhere in almost any position. Frequency response 400-12,000 CPS. Impedance 8 ohms. Power handling capacity 5 watts, 8 watts maximum. Complete with mounting bracket, 2-conductor cable. Horn diameter 5¼", Depth 4¾". Imported

PA-295 Shpg. wt., 1.4 lbs.

Net 7.95

LAFAYETTE PORTABLE PA CASE



A sturdily constructed case for amplifier and two 12" speakers. Made of heavy plywood with reinforced metal corners. Case splits into 2 baffles, each with leather carrying handle. Strong wire mesh grilles covered with attractive cloth. Has 2 hooks in each half for carrying speaker cables and provision for mike and mike base. 4 snap locks. In addition to room for two 12" speakers, there is ample space for any amplifier and phono top measuring up to 17¾" wide x 12" deep x 12" high. Includes blocks to prevent smaller amplifiers from shifting while being carried. Shpg. wt., 22 lbs.

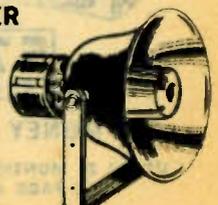
PA-407WX

Net 16.25

90° DISPERSION PAGING SPEAKER

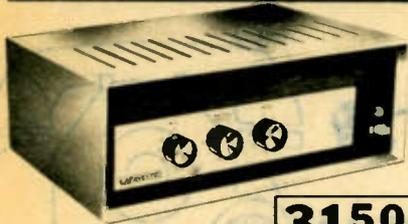
The high power handling capacity combined with maximum intelligibility make this a superior unit for paging and talk-back applications. Frequency Response 250-15,000 cps. Power capacity 30 watts. Impedance 8-ohms. 90° Dispersion. Equipped with a universal mounting bracket, weather proofed, tropicalized with hermetically sealed driver unit. 9¾" diam. x 8¼" deep the speaker lends itself to use in any P.A. situation. Shpg. wt., 8½ lbs.

PA-55 90° DISPERSION PAGING SPEAKER Net 16.50



LAFAYETTE NEW PUBLIC ADDRESS AMPLIFIERS

Lafayette Amplifiers Are Guaranteed FOR ONE FULL YEAR SEE PAGE 336



NO MONEY DOWN

3150
\$5 monthly

11-WATT PA AMPLIFIER MODEL PA-420

FEATURES: Provides extensive coverage for store demonstrations, clubs, churches, offices, classrooms, auction sales, entertainment. Incorporates latest circuit features for improved performance. Separate volume controls permit mixing microphone and phono. 2 speaker output sockets. Housed in attractive rugged cabinet with four rubber bumper feet.

SPECIFICATIONS. TUBES: 12AX7, 6L6-GC, 6V4/EZ80 (Rect). Power Output: 11 watts (22 watts peak). **FREQUENCY RESPONSE:** 30-20,000 cps \pm 2 db. **INPUT GAIN:** Microphone 120 db, Phono 85 db. **HUM & NOISE:** At least 65 db below rated output. **OUTPUT IMPEDANCES:**

4, 8, 16 ohms, 25v & 70V lines, High Impedance output for coupling booster amplifier. **CONTROLS:** Microphone, Phono-Radio, Tone, Power on-off. **MISCELLANEOUS:** Fused AC input, AC convenience outlet, 2 speaker sockets, plug supplied for 70 volt outlet and for 4, 8, 16 ohm, 25 volt outlet. Takes Amphenol #75MCIF MIC plug. **POWER CONSUMPTION:** 60 watts at 117 volts, 60 cycles AC. Size: 13 $\frac{1}{2}$ "x5 $\frac{3}{4}$ "x9 $\frac{1}{2}$ "D. Shpg. wt., 15 lbs. **PA-420WX** Net 31.50

4-SPEED PHONO TOP FOR AMPLIFIER ABOVE
PA-425W Net 17.95



UP TO 24 MONTHS TO PAY
SEE PAGE 412

4145
\$5 monthly

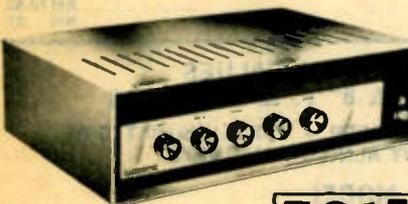
20-WATT PA AMPLIFIER MODEL PA-421

FEATURES: New improved circuit features ensure top performance. Uses 7189A hi-fi output tubes and designed to give wide-range response. Meets power requirements of chapels, clubs, schools, restaurants and industrial plants. Covers up to 50,000 square feet when used with trumpet type speakers. Chassis equipped with 2-speaker output sockets. Housed in attractive rugged cabinet with four rubber bumper feet.

SPECIFICATIONS. TUBES: (2) 12AX7, (2) 7189A, (1) 6CA4/EZ81, plus silicon rectifier. **POWER OUTPUT:** 20 watts (40 watts peak). **FREQUENCY RESPONSE:** 30-20,000 \pm 1 db. **INPUT GAIN:** Microphone 126 db, Phono 88 db. **HUM & NOISE:** At least 65 db below rated

output. **OUTPUT IMPEDANCES:** 4, 8, 16 ohms, 25V and 70V lines, High Impedance output for coupling booster amplifier. **CONTROLS:** Microphone, Phono-Radio, Tone, Power on-off, plus internal bias adjust. **MISCELLANEOUS:** Fused AC input, AC convenience outlet, 2 speaker sockets, Plug supplied for 70 volt outlet and for 4, 8, 16 ohm, 25 volt outlet. Takes Amphenol #75MCIF Mic plug. **POWER CONSUMPTION:** 70 watts at 117 volts, 60 cycles AC. Size: 13 $\frac{1}{2}$ "x9 $\frac{1}{2}$ "x5 $\frac{3}{4}$ "H. Shpg. wt., 15 lbs. **PA-421WX** Net 41.45

4-SPEED PHONO TDP FOR AMPLIFIER ABOVE
PA-425W Net 17.95



NO MONEY DOWN

5245
\$5 monthly

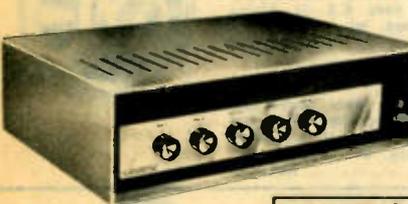
35-WATT PA AMPLIFIER MODEL PA-422

FEATURES: Ideal for use in churches, schools, small theaters, lecture halls and industrial plants. Priced extremely low to give extra profits to rentals and sales. Separate bass and treble tone controls, permits adjustments to meet all acoustic requirements. Two mike inputs. 70 volt constant voltage output tap. Provides coverage up to 100,000 square feet when used with trumpet type speakers. Chassis is equipped with 2-speaker plug-in output sockets. Unit is housed in attractive, rugged cabinet with four rubber bumper feet.

SPECIFICATIONS. TUBES: (2) 12AX7, (1) 6AV6, (2) 6L6GC, (1) 5AR4/GZ34, plus Silicon rectifier. **POWER OUTPUT:** 35 watts (70 watts peak). **FREQUENCY RESPONSE:** 30-

20,000 cps \pm 1 db. **INPUT GAIN:** Microphone 128 db, phono 90 db. **HUM & NOISE:** At least 65 db below rated output. **OUTPUT IMPEDANCES:** 4, 8, 16 ohms, 25V and 70V lines, High Impedance output for coupling booster amplifier. **CONTROLS:** (2) microphone, Phono-Radio, Bass, Treble, Power on-off, Magnetic-Ceramic phono switch (rear), Bias Adjust (internal). **MISCELLANEOUS:** Fused AC input, AC convenience outlet, 2 speaker sockets, Plug supplied for 70 volt outlet and for 4, 8, 16 ohm, 25 volt outlet. Takes Amphenol #75MCIF Mic plug. **POWER CONSUMPTION:** 115 watts at 117 volts, 60 cycles AC. Size: 17 $\frac{1}{2}$ "x6 $\frac{1}{4}$ "x10 $\frac{3}{8}$ "D. Shpg. wt., 25 lbs. **PA-422WX** Net 52.45

4-SPEED PHONO TOP FOR AMPLIFIER ABOVE
PA-425W Net 17.95



NO MONEY DOWN

8950
\$5 monthly

100-WATT PA AMPLIFIER MODEL PA-423

FEATURES: Conservatively rated for long life in continuous operation. Uses popular high fidelity high power tubes type 6L6-GC and has extremely wide range response. 1-phono and 2-mike inputs. Separate bass and treble tone controls. Input for magnetic phono cartridge. For large industrial paging and music systems, stadiums, amusement parks, airports, railroad yards, church carillon systems. For groups of up to 10,000 persons or areas up to 200,000 square feet. Housed in attractive, rugged cabinet with four rubber bumper feet.

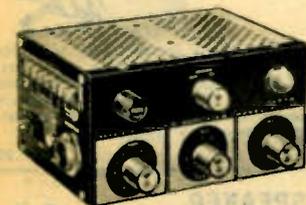
SPECIFICATIONS. TUBES: (2) 12AX7, (1) 12AU7, (4) 6L6-GC, (1) 6CY7, plus full-wave bridge silicon rectifier and single diode silicon rectifier. **POWER OUTPUT:** 100 watts (200 watts peak). **FREQUENCY RESPONSE:** 30-

20,000 cps \pm 2 db. **INPUT GAIN:** Microphone 136 db, Phono 97 db. **HUM & NOISE:** At least 65 db below rated output. **OUTPUT IMPEDANCES:** 4, 8, 16 ohms, 25V and 70V lines, High Impedance output for coupling to booster amplifier. **CONTROLS:** MIC-1, MIC-2, Phono-Radio, Bass, Treble, Power-on-off, Magnetic-Ceramic phono switch (rear). Bias and screen voltage adjust (Internal). Takes Amphenol #75MCIF Mic plug. **MISCELLANEOUS:** Fused AC input, AC convenience outlet, 2 speaker sockets, plug supplied for 70 volt outlet and for 4, 8, 16 ohm, 25 volt outlet. **POWER CONSUMPTION:** 300 watts at 117 volts, 60 cycles AC. Size: 17 $\frac{1}{2}$ "x6 $\frac{1}{4}$ "x10 $\frac{3}{8}$ "D. **PA-423** Shpg. wt., 35 lbs. Net 89.50

4-SPEED PHONO TOP FOR AMPLIFIER ABOVE
PA-425W Net 17.95

27-WATT TRANSISTORIZED PA AMPLIFIER MODEL PA-424

- Designed for 12V Mobile Operation
- Fully Transistorized



5750
\$5 monthly

NO MONEY DOWN

UP TO 24 MONTHS TO PAY
SEE PAGE 412

An exceptionally compact transistorized mobile PA amplifier operating from any 12 volt DC source. Ideal for use in sound trucks, cars, boats or any place where AC power is not available. Small size permits simple installation under dash or in glove compartment. Mounting fixtures supplied. Can also be used with AC power supply (below) for operation on 117 volts, 60 cycles AC.

SPECIFICATIONS. POWER OUTPUT: 27 watts. **FREQUENCY RESPONSE:** 100-10,000 cps, \pm 3 db. **INPUT GAIN:** Microphone 110 db, Phono 70 db. **HUM & NOISE:** 70 db below rated output. **OUTPUT IMPEDANCES:** 4, 8, 16 ohms. **CONTROLS:** Mic volume, Aux-Radio volume, Tone, Power on-off switch. **TRANSISTORS:** (2) 2N408, (3) 2N669. **POWER CONSUMPTION:** 3.5 amps at 12 volts DC. **INPUTS:** Mic-takes amphenol plug #91-MC4M, Radio-screw terminals. Aux-takes RCA-type phono plug. Size: 6 $\frac{1}{2}$ "x3 $\frac{1}{2}$ "x4 $\frac{3}{4}$ "D (less knobs). Supplied with power plug and 7 ft. cable with battery clamps. **PA-424WX** Shpg. wt., 4 lbs. Net 57.50

AC POWER SUPPLY FOR PA-424
Enables operation of PA-424 on 117 Volts AC, 60 cycles. 12.6 volts output. Shpg. wt., 3 $\frac{1}{4}$ lbs. **PA-427W** Net 36.95

PHONO TOP FOR AMPLIFIERS



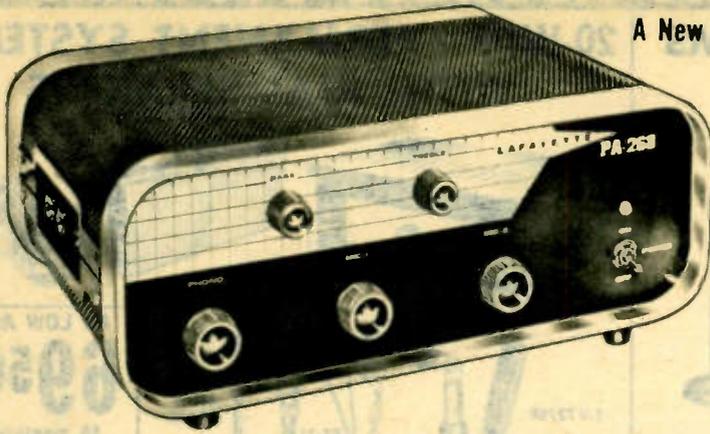
4-speed (16, 33 $\frac{1}{3}$, 45 and 78 RPM) phonograph turntable is designed to fit on top of the amplifier and is easily mounted with 2 thumb screws. Takes records up to 12". Features a heavy duty motor with uniform speed and dynamically balanced turntable. High quality ceramic pickup-turnover type with dual synthetic sapphire stylus. Power requirements: 15 watts, 117 volts, 60 cps. Durable finish. Size 12x9 $\frac{1}{4}$ x4 $\frac{1}{2}$ ". Shpg. wt., 8 lbs.

FDR PA-420, PA-421, PA-422 AND PA-423.
PA-425W Net 17.95

PHONO TOP FOR DC AMPLIFIER PA-424
Similar to AC type above but with a 12 VDC motor for use with transistorized mobile amplifiers, 4 speeds 16, 33 $\frac{1}{3}$, 45 and 78 RPM. Quality ceramic cartridge with dual stylus. 12x9 $\frac{1}{4}$ x4 $\frac{1}{2}$ ". Shpg. wt., 8 lbs. **PA-426W** Net 32.40

LAFAYETTE 40-WATT PUBLIC ADDRESS AMPLIFIER

A New Standard for Performance and Design in the Industry



- Power Output Sufficient to Drive Many Speakers Simultaneously
- Flat Response from 30 Cps to 15 Kc
- Two Microphone Inputs, One Phonograph Input
- Separate Volume Control for Each Input
- Excellent Hum and Noise Suppression
- Attractive New Styling

69⁹⁵
NO MONEY
DOWN

UP TO 24 MONTHS TO PAY SEE PAGE 412

Here is a powerful new public address amplifier suitable for use in large department stores, stadiums, amusement parks, industrial plants, summer camps, etc. Power output is a full 40 watts. Three inputs are provided: Two microphone inputs for crystal or dynamic mikes, and one phono input for a crystal or ceramic pickup, a tape recorder, tuner or other high level program source. Frequency response: ± 2 db from 30 cycles to 15 Kc. Input sensitivity: mike inputs, 5 mv for full output; phono 300 mv. Input impedance: mike, 1-megohm; phono, 500,000 ohms. Hum and noise are 64 db below rated output with mike inputs and 74 db below with phono input. Hum balance control provided in rear. Each input has its own volume control to permit proper blending and balance when two or three inputs are in use simul-

aneously. Separate bass and treble controls. Output impedances: 4, 8, 16 or 250 ohms, taken either from a terminal strip in the rear, or from two 6-prong sockets provided for rapid connection and disconnection. The 250-ohm output is a constant voltage tap for a 70-volt line. Groups of speakers may be connected directly to the amplifier in various series, parallel, and series-parallel configurations. Tube complement: 1-12AX7/ECC83 microphone preamplifier, 1-6AV6 tone control, 2-6AQ8's and 4-6BQ5/EL84 output tubes (two parallel pairs operating push-pull). For 110-120 volts, 50-60 cycles AC. In an unusually attractive, sturdy metal cabinet with modern black and gray panel, 5 1/4"H x 13 1/4"W x 9 1/4"D. Shpg. wt., 30 lbs. Imported. Net 69.95



2 Lafayette SK-137 12" Speakers
2 Lafayette Wood Wall Baffles

AS LOW AS
117⁵⁰
BUY ON TIME
SEE PAGE 412

40-WATT PA SYSTEMS WITH DUAL SPEAKERS

Highly efficient permanent sound systems for large halls, department store music and paging systems, railroad stations, restaurant music, etc. The outstanding Lafayette PA-268 40 watt amplifier assures top performance under all operating conditions. For 117 volts, 60 cps AC.

40-WATT PERMANENT INDOOR SYSTEM

Consists of the PA-268 40-watt amplifier, two 12" PM speakers, two attractive walnut wood baffles, two 35' speaker cables with plugs, an Atlas MS-10C floor mike stand and Argonne AR-3 dual impedance dynamic microphone with ball-joint desk stand, for hand-held, desk stand or floor stand use. Shpg. wt., 75 lbs.

PA-268WX Net 117.50

Same as above, except with Electro-Voice 664 mike. in place of AR-3
PA-283WX Net 141.50

40-WATT OUTDOOR PA SYSTEM

Consists of a PA-268 40-watt amplifier, two Lafayette PA-57 driver units and two University PH trumpets, two 35' speaker cables with plugs, and an Argonne AR-3 dynamic mike with desk stand. Shpg. wt., 75 lbs.

PA-282WX Net 131.50

Same as PA-282WX except with Electro-Voice 664 dual impedance cardioid dynamic mike and MS-10C floor stand. In place of AR-3
PA-281WX Net 159.50

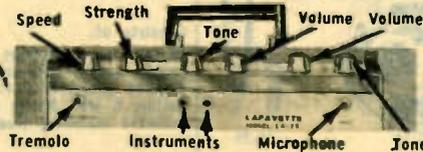
Same as PA-282WX except with 2 Electro-Voice 848 projectors in place of PA-57 and University PH.

PA-280WX Net 149.50

Same as PA-280WX with Electro-Voice 664 mike and floor stand in place of AR-3
PA-279WX Net 178.50

- Lafayette Powerful 40-Watt Public Address Amplifier
- 2 University or Electro-Voice Horns For Outdoor Systems
- 2 25-Watt Speakers & Wall Baffles For Indoor Systems
- Choice of Deluxe Dynamic Mikes
- 70 Ft. of Speaker Cable

For the Musician Who Cares LAFAYETTE 20-WATT MUSIC AMPLIFIER MODEL LA-75



**INSTRUMENT CONTROL PANEL
RECESSED FOR EASY ACCESSIBILITY**

Here is a music amplifier which will deliver 20 watts of clean power, to a built-in 12" heavy-duty 20-watt speaker or to an external 4, 8 or 16 ohm speaker. There are 3 inputs: two instrument inputs and one microphone input for voice. The two instrument inputs have volume and tone controls separate from the corresponding controls on the voice input. Built-in tremolo circuit super-imposes an oscillator signal on the audio signal to create a periodic fluctuation or "quiver" whose frequency and amplitude may be adjusted by the "speed" and "strength" controls, respectively. There is a jack provided for turning the tremolo on and off by means of a foot switch (available as an accessory). Frequency response: ± 3 db from 33 cycles to 20 Kc on voice

- 20-Watt High-Fidelity Amplifier
- 2-7189's in Push-Pull
- Adjustable Tremolo for "Quivering" Effect
- Built-in 12" Heavy-Duty Hi-Fi Speaker
- Separate Volume and Tone Controls for Instrument and Voice Inputs

input; ± 3 db from 33 cycles to 15 Kc on instrument inputs. Mike input sensitivity is 9 mv RMS; mike jack is shorting type to minimize hum pickup when mike is not plugged in. Tube complement: 2-12AX7's, 1-6AU6, 2-7189 output tubes, 1-6CA4 rectifier. Dimensions: 15 3/8"H (including rubber feet) x 19 1/2"W x 8 1/4"D. With carrying handle. Shpg. wt., 30 lbs. Imported
LA-75 WX Net 69.50

FOOT SWITCH to remotely control the tremolo in the LA-75. Equipped with cable terminated in standard phone plug to fit corresponding jack on LA-75. Shpg. wt., 1 1/2 lbs.

SW-103 Net 5.95

69⁵⁰ NO MONEY
DOWN

EASY PAY PLAN
SEE PAGE 412

FOOT PEDAL

LAFAYETTE PUBLIC ADDRESS SYSTEMS

20-WATT PORTABLE SYSTEMS WITH DUAL SPEAKERS



AS LOW AS **78⁵⁰**
NO MONEY DOWN \$5 monthly

● CHOICE OF 3-WAY LAVALIER OR DESK-STAND CRYSTAL MIKES
● HEAVY-DUTY 12" SPEAKERS ● AVAILABLE WITH 4-SPEED PHONO TOP
A complete 20-watt Dual Speaker (heavy-duty 12" PM Speakers) Portable System, packed with features. Gives you more value and power for your dollar—a price that beats all competition. Ideal for lectures, auctions, taverns, orchestras; excellent as a rental system.

COMPLETE PORTABLE SYSTEMS, READY TO OPERATE, INCLUDE: 2-12" heavy-duty PM Speakers rated at 15 watts each; the feature-packed 20-watt Model PA-421 amplifier; your choice of the popular Electro-Voice Model 727SR crystal mike complete with desk stand and 5' cable, detachable from stand for use as a hand mike, with floor-stand coupler and on-off switch or the Lafayette Model PA-31 high impedance slim crystal microphone with 7' cable and connector, removable swivel-type stand adapter, lavalier cord and bracket, and on-off switch; 2-35" speaker cables and plugs; plus the famous Atlas MS-10C mike floor stand. Portable carrying case mounts the system conveniently for carrying and for use; covered with high quality dark blue leatherette; size 22½x16½x15"D. For 110-130 volts, 60 cps AC operation. Shpg. wt., 65 lbs. (All systems available with any other microphone at additional cost. For other mikes, see mike pages in index).

PA-464WXM 20-watt Portable System, less Phono Top, complete as described with E-V 727SR microphone	Net 83.50
PA-465WXM Same as above with Lafayette PA-31 lavalier mike	Net 78.50
PA-466WXM Same as PA-464WXM with 4-speed phono top, wt., 75 lbs.	Net 101.45
PA-467WXM Same as PA-465WXM with 4-speed phono top, wt., 75 lbs.	Net 96.45

LAFAYETTE GUARANTEE
If you are not satisfied with your Lafayette Sound System you may return it within 30 days for full refund less only transportation charges.
1 YR. AMPLIFIER GUARANTEE. All parts guaranteed against defects in material and workmanship for 1 year. Ship defective part to us prepaid for prompt replacement.

11-WATT FIXED P.A. SYSTEMS



AS LOW AS **45⁵⁰**
NO MONEY DOWN \$5 monthly

● COMPLETE PERMANENT SYSTEM
● CHOICE OF CRYSTAL OR DYNAMIC MIKE

High quality, low cost system engineered for smaller permanent installations. For areas up to 5500 sq. ft. For office, store, garage, small factory paging and music systems. **THE COMPLETE SYSTEMS INCLUDE:** The new Lafayette Model PA-420, 11-watt amplifier complete; your choice of either the Electro-Voice 727 crystal microphone complete with detachable desk stand and 5' cable—or the new Lafayette Model PA-29 weatherproof, blast-proof slim dynamic mike complete with high or low impedance selector switch and detachable swivel-type stand adaptor; 8" heavy duty PM speaker; 35" speaker cable and plug; and attractive polished walnut finish speaker wall baffle. For 110-120 volts, 60 cps AC operation. Shpg. wt., 25 lbs. (Any other microphone may be substituted in all systems at additional cost. See microphones in index.)

PA-472WXM Complete 11-watt Permanent System as described with E-V 727 Crystal Microphone. Shpg. wt., 24 lbs. Net 46.50
PA-473WXM Same as above, with Lafayette PA-29 dual impedance dynamic microphone. Shpg. wt., 24 lbs. Net 45.50

20-WATT PERMANENT SYSTEMS WITH DUAL SPEAKERS



AS LOW AS **69⁵⁰**
\$5 monthly
NO MONEY DOWN

● CHOICE OF CRYSTAL 3-WAY LAVALIER OR DESK-STAND MIKES
● TWO HEAVY-DUTY 12" SPEAKERS ● TWO POLISHED WALNUT WALL BAFFLES
Excellent for a great many public address, paging and sound reinforcement applications, the Lafayette 20-watt permanent system is an exceptional value. Speakers and paging horns may be added for wider area coverage or for multiple small areas such as offices, loading platforms or stockrooms. Easy to install in small dance halls or dance studios, school auditoriums, Sunday school rooms, mission meeting halls or gymnasiums. Provides excellent coverage for audiences up to 2000 or areas up to 12,000 square ft.

THE COMPLETE PERMANENT SYSTEMS INCLUDE: One 20-watt Model PA-421 amplifier, complete with tubes; 2-12" heavy-duty PM 15-watt speakers; 2-35 ft. speaker cables and plugs; 2 polished walnut wooden wall baffles; your choice of either the Electro-Voice 727SR Crystal microphone complete with detachable desk stand for desk, table top or hand use, and with on-off switch, or the Lafayette Model PA-31 slim crystal mike with on-off switch, lavalier cord and bracket and complete with 7' cable and connector and removable swivel-type stand adaptor; you also get the popular Atlas MS-10C mike floor stand for a complete, convenient public address "package." For 110-130 volts, 60 cps AC use. Shpg. wt., 57 lbs.

PA-468WXM 20-watt Permanent System, less Phono Top, complete as described with E-V 727SR microphone Net 75.50
PA-469WXM Same as above, with Lafayette PA-31 Microphone instead of EV-727SR Net 69.50
PA-470WXM Same as PA-468WXM, with 4-speed phono top. Net 93.45
PA-471WXM Same as PA-469WXM, with 4-speed phono top. Net 87.45

DELUXE BACKGROUND MUSIC SYSTEMS



For Banks, Doctors, Dentists, Schools, Restaurants and Homes

Consists of:
PA-268 Deluxe 40-Watt PA Amplifier
LT-80B Quality Lafayette FM Tuner
3-SK175 Lafayette Hi-Fi "Thin Line" Ceiling & Wall Baffle Speaker
3-TR-111 Matching Transformer

AS LOW AS **122⁵⁰** No Money Down \$5 monthly

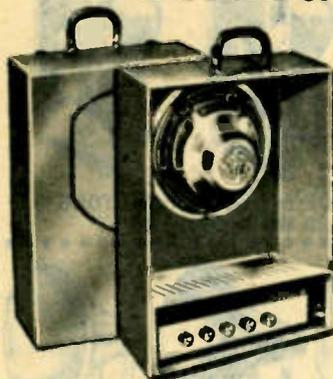
A highly efficient indoor background music system engineered to give you top quality voice or music reproduction. Provides glorious FM background music with the station of your choice selected on the quality Lafayette LT-80B FM Tuner. System features top notch components such as the Lafayette PA-268 public address amplifier, a versatile unit with 40 watts output, 2 mic. inputs, auxiliary inputs for phono, tuner, individual volume controls, a frequency response 30 to 15,000 cps and 4, 8, 16 ohms, plus 70 volt output for multiple speaker connection; LT-80B FM tuner is an extremely sensitive unit with low distortion and frequency response of 50-15,000 cps. Three 2¼" deep SK-175 hi-fi ceiling and wall baffle speakers that reproduce music realistically and three TR-111 matching transformers. Easily mounts in any wall, ceiling or standard wood enclosure. Shpg. wt., 51 lbs. Net 122.50

Deluxe Alternate System
Same as PA-382 above, but with 3 SK-119 8" quality speakers, 3 Lowell RS-8A wall and ceiling baffles, and 3 Lowell XCP8 flush-mounted baffle enclosures (instead of 3-SK-175's). Shpg. wt., 55 lbs. Net 136.50
PA-383WXM Net 136.50
WR-159 2-conductor speaker cable (brown) 100 ft. rolls Net 1.20

LAFAYETTE DELUXE ECONOMICAL PUBLIC ADDRESS SYSTEMS

Our Low Prices and 1-yr. Amplifier Guarantee Make These Systems "BEST BUYS" in P.A. (SEE PAGE 336)

35-WATT PORTABLE SYSTEMS With DUAL SPEAKERS



The most popular system for schools, RR waiting rooms, gyms, churches, noisy factories. Ideal for rentals.

AS LOW AS **112.50** EASY PAY PLAN SEE PAGE 412
\$6 monthly NO MONEY DOWN



CHOICE OF DYNAMIC MICROPHONES

ARGONNE AR-3 DUAL IMPEDANCE DYNAMIC MIKE



ELECTRO-VOICE 664 DELUXE CARDIOID DYNAMIC MIKE

ATLAS MS-10C FLOOR STAND

MONEY BACK GUARANTEE! (SEE PAGE 336)

• CHOICE OF DELUXE DYNAMIC MIKES • TWO 25-WATT SPEAKERS

This 35-watt system is one of our most popular models. Large enough for the majority of sound system applications — used in thousands of school auditoriums, churches, theatres, dance halls, dance studios and lecture halls. The ideal system for rentals; these systems have been sold to many hundreds of dealers. **AND REMEMBER OUR MONEY-BACK GUARANTEE AND OUR LOW, LOW PRICE!** DUAL SPEAKER 35-WATT PORTABLE SYSTEMS INCLUDE: The outstanding feature-filled Lafayette Model PA-422 35-watt amplifier; 2—25-watt PM speakers; 2—35' speaker cables and plugs; your choice of the popular Argonne AR-3 All-Purpose Dynamic dual-impedance microphone for hand-held, desk stand or floor stand use, with removable ball-joint desk stand and floor stand adapter and 8' cable; or the deluxe dual-impedance Electro-Voice 664 Cardioid dynamic microphone for use where high-feedback problems exist, with 40-15,000 cps response, on-off switch and 18' cable; the famous Atlas MS-10C floor mike stand; and the handsomely designed split-type portable carrying case covered in high quality dark blue leatherette. Size: approx 25 1/2 H x 17 1/2 W x 15" D — provides a secure place for the system components. For 110-130 volts, 60 cps AC operation. Shpg. wt., 75 lbs. less phono; with phono 85 lbs.
 PA-485WXM 35-watt Portable System, Less Phono Top and less MS-10C floor stand, complete as described with Argonne AR-3 dynamic mike Net 112.50
 PA-486WXM Same as above, with E-V 664 dynamic microphone and MS-10C floor mike stand instead of AR-3 dynamic mike Net 142.50
 PA-487WXM Same as PA-485WXM with 4-speed phono top Net 130.45
 PA-488WXM Same as PA-486WXM with 4-speed phono top Net 160.45

35-WATT PERMANENT SYSTEMS With DUAL SPEAKERS

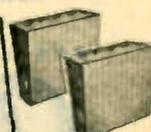


LAFAYETTE PA-422



LAFAYETTE PA-57 DRIVERS AND UNIVERSITY ELECTRO-VOICE 848 CDP 30-WATT PROJECTORS PH TRUMPETS

AS LOW AS **108.50** \$6 monthly NO MONEY DOWN



LAFAYETTE WOOD WALL BAFFLES AND 25-WATT 12" SPEAKERS



E-V 664 CARDIOID DYNAMIC MICROPHONE



ARGONNE AR-3 DYNAMIC MIKE



ATLAS MS-10C FLOOR STAND

- CHOICE OF DELUXE DYNAMIC MIKES • 70-FT. OF SPEAKER CABLE
- 2—25-WATT SPEAKERS & WALL BAFFLES FOR INDOOR SYSTEMS
- 2—ELECTRO-VOICE OR UNIVERSITY HORNS FOR OUTDOOR SYSTEMS

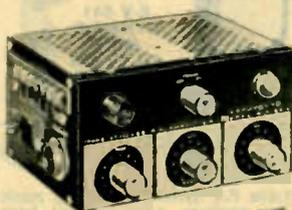
Designed for large halls, airports, loading platforms, department store music and paging systems, restaurant music, and railroad stations. COMPLETE SYSTEMS CONSIST OF: The PA-422 35-watt amplifier complete, available with or without 4-speed phono top; choice of 2—25-watt 12" PM speakers for indoor paging and music distribution; or 2—Electro-Voice 848 CDP wide-angle 30-watt projectors or 2—Lafayette PA-57 drivers with University PH trumpets for best noise penetration; 2—35' speaker cables and plugs; your choice of the Electro-Voice 664 dual-impedance cardioid dynamic microphone with on-off switch and 18' cable or the popular Argonne AR-3 dual impedance dynamic with ball-joint desk stand for hand-held, desk or floor stand use; the highly useful Atlas MS-10C floor mike stand; and, for the indoor systems, 2 wood wall baffles handsomely finished in walnut. For 110-130 volts, 60 cps AC. Shpg. wt., 65 lbs. less phono; with phono 73 lbs.

35-WATT PERMANENT INDOOR SYSTEMS

- PA-489WXM Consists of PA-422 35-watt amplifier less phono top, 2-12" PM speakers, 2 walnut wood baffles, 2-35' speaker cables and plugs, MS-10C floor mike stand and Argonne AR-3 microphone Net 108.50
- PA-490WXM Same as PA-489WXM except with E-V 664 mike Net 132.50
- PA-491WXM Same as PA-489WXM plus 4-speed phono top Net 126.45
- PA-492WXM Same as PA-490WXM plus 4-speed phono top Net 150.45

35-WATT OUTDOOR SYSTEMS

- PA-493WXM Consists of PA-422 35-watt amplifier less phono top, 2-Lafayette PA-57 driver units and 2 University PH trumpets, 2-35' speaker cables and plugs, and Argonne AR-3 dynamic mike with desk stand. 65 lbs. less phono, 73 lbs. with phono Net 122.00
- PA-494WXM Same as PA-493WXM except with EV-664 mike and MS-10C floor stand Net 151.00
- PA-495WXM Same as PA-493WXM except with 2 E-V 848 CDP 30-watt projectors Net 140.50
- PA-496WXM Same as PA-495WXM except with 2 E-V 664 mike and MS-10C floor stand Net 189.50
- PA-497WXM Same as PA-493WXM plus 4-speed phono top Net 139.95
- PA-498WXM Same as PA-494WXM plus 4-speed phono top Net 168.95
- PA-499WXM Same as PA-495WXM plus 4-speed phono top Net 158.45
- PA-500WXM Same as PA-496WXM plus 4-speed phono top Net 187.45



LAFAYETTE PA-424 27-WATT MOBILE AMPLIFIER



2—UNIVERSITY PH TRUMPETS AND LAFAYETTE PA-57 DRIVERS



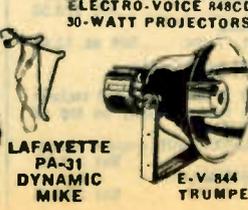
LAFAYETTE PA-426W PHONO TOP

ELECTRO-VOICE 848 CDP 30-WATT PROJECTORS



ELECTRO-VOICE 647A DYNAMIC MIKE

As Low As **77.50** \$5 monthly NO MONEY DOWN



LAFAYETTE PA-31 DYNAMIC MIKE

E-V 844 TRUMPET

27-WATT MOBILE OUTDOOR SYSTEMS

- With Lafayette PA-424 27-Watt All-Transistor PA Amplifier
- Operates Off 12 Volt Storage Battery

Complete mobile systems include: Lafayette Model PA-424 27-watt All Transistor Mobile amplifier complete with power plug and 7' cable with battery clamps; your choice of 2-Lafayette PA-57 driver units and University PH reflex trumpets, or 2-Electro-Voice 848 CDP 30-watt compound diffraction projector wide-angle horns, or 1-Electro-Voice 844 Trumpet; your choice of Lafayette PA-31 wide range crystal microphone with on-off switch, lavalier cord and bracket and 7' cable and connector, and with swivel-type mike stand adapter, for chest, hand-held or stand use—or the deluxe Electro-Voice 647A lavalier dynamic mike with neck cord; support clips and 18' cable, for chest, hand or desk use; Plus 35' speaker cables and plugs.
 PA-475WXM Complete 27-watt mobile outdoor system with PA-424 27 watt transistor mobile amplifier less phono top; with DC battery cable, plus Electro-Voice 844 trumpet, Lafayette PA-31 dynamic mike, 1-35' speaker cable and necessary connector. Shpg. wt., 19 lbs. Net 77.50
 PA-476WXM Same as PA-475WXM except with 2 Lafayette PA-57 driver units and 2-University PH trumpets, instead of E-V 844, with 2-35' speaker cables. Shpg. wt., 69 lbs. Net 119.50
 PA-477WXM Same as PA-476WXM except with E-V 647A mike Net 149.50
 PA-478WXM Same as PA-476WXM except with 2 E-V 844 CDP projectors Net 137.50
 PA-479WXM Same as PA-477WXM except with 2 E-V 848 CDP projectors Net 168.50
 PA-480WXM Same as PA-475WXM plus 12 volt phono top. Shpg. wt., 27 lbs. Net 109.90
 PA-481WXM Same as PA-476WXM plus separate 12 volt phono top. Shpg. wt., 77 lbs. Net 151.90
 PA-482WXM Same as PA-477WXM plus 12 volt phono top. Net 181.90
 PA-483WXM Same as PA-478WXM plus 12 volt phono top. Net 169.90
 PA-484WXM Same as PA-479WXM plus 12 volt phono top. Net 200.90

LAFAYETTE PUBLIC ADDRESS EQUIPMENT

100-WATT HI-POWER OUTDOOR SYSTEMS



LAFAYETTE PA-423
100-WATT AMPLIFIER



LAFAYETTE
PA-43
DYNAMIC
MIKE



E-V 641
DYNAMIC
MIKE
ON EV-428
TOUCH-TO-
TALK
STAND

CHOICE OF
MICROPHONES



ELECTROVOICE 848 CDP PROJECTORS
WITH 30 WATT DRIVERS

AS
LOW
AS

179⁵⁰

\$9 monthly NO MONEY DOWN
FOR BUDGET TERMS SEE PAGE 412

LAFAYETTE 100-WATT SYSTEM COMPONENTS

This ruggedly-designed equipment is recommended for all high power heavy duty requirements, such as church steeple systems, railroad yards, airports and industrial plants. COMPLETE 100-WATT OUT-DOOR SYSTEMS INCLUDE: The conservatively-rated Lafayette Model PA-423 100-watt amplifier complete; your choice of 3 University Model PH trumpets with 3 Lafayette PA-57 driver units or 3 Electro-Voice 848 CDP Compound Diffraction Projectors with 30-watt drivers; your choice of the Electro-Voice 641 durable high output dynamic microphone with 18' cable and with E-V 428 "touch-to-talk" desk stand with dpdt switch, or the Lafayette PA-43 high impedance dynamic mike with removable swivel-type stand adapter, talk switch and 7' cable and plug. For 110-120 volts, 60 cps AC. Shpg. wt., 100 lbs. less phono; 110 lbs. with phono.



LAFAYETTE
PA-57 DRIVER UNITS



UNIVERSITY PH PROJECTORS

LAFAYETTE 100-WATT OUTDOOR SYSTEMS

System No.	Amplifier	Projectors and Drivers	Microphone	Stand	Phonotop	Net
PA-450WXM	LAF PA-423	3-Univ. PH With Laf. PA-57 Drivers	LAF PA-43	NONE	NONE	179.50
PA-451WXM	LAF PA-423	3-Univ. PH With Laf. PA-57 Drivers	LAF PA-43	NONE	LAF PA-425W	197.45
PA-452WXM	LAF PA-423	3-Univ. PH With Laf. PA-57 Drivers	E.V. 641	E.V. 428	NONE	197.50
PA-453WXM	LAF PA-423	3-Univ. PH With Laf. PA-57 Drivers	E.V. 641	E.V. 428	LAF PA-425W	215.45
PA-454WXM	LAF PA-423	3-E.V. 848 CDP With Drivers	LAF PA-43	NONE	NONE	206.50
PA-455WXM	LAF PA-423	3-E.V. 848 CDP With Drivers	LAF PA-43	NONE	LAF PA-425W	224.45
PA-456WXM	LAF PA-423	3-E.V. 848 CDP With Drivers	E.V. 641	E.V. 428	NONE	225.50
PA-457WXM	LAF PA-423	3-E.V. 848 CDP With Drivers	E.V. 641	E.V. 428	LAF PA-425W	243.45

100-WATT INDOOR PAGING SYSTEMS

COMPLETE SYSTEM



LAFAYETTE PA-423
100-WATT AMPLIFIER

AS
LOW
AS

178⁵⁰

\$9 monthly

NO MONEY DOWN

UP TO 24 MONTHS TO PAY SEE PAGE 412

An ideal system for heavy-duty, high powered continuous performance; for paging or industrial music distribution, and for extra-large auditoriums, schools, churches, department stores, airports, etc. Included in these systems are 6 of the new Lafayette pre-wired speaker-baffle combinations with 8" heavy duty speakers rated at 10 watts each, pre-wired matching transformer for 70-volt line with taps for 10, 5, 2.5, 1.25 and .625 watts per speaker, and individual volume controls. A screwdriver is all you need to connect speaker lines. You can add more speakers, if you wish, at any time — up to 80 for a 1 1/4-watt-per-speaker department store or school installation, etc. In addition you get the great new Lafayette PA-423 conservatively-rated 100-watt amplifier; your choice of either the Electro-Voice Model 641 high output dynamic microphone with 18' cable and with E-V 428 touch-to-talk desk stand with dpdt switch or the well-known Lafayette PA-43 "Dyna-Slim" high output dynamic microphone with on-off switch, omni-directional head, "quick-slip" swivel-type stand adapter, and plug-in cable. For 117 volts, 60 cps AC. Shpg. wt., 95 lbs. PA-458WXM Complete 100-watt indoor system as described, less phono top, with E-V 641 microphone and 428 desk stand Net 197.50 PA-459WXM Same, with Lafayette PA-43 "Dyna-Slim" microphone, less stand Net 178.50 Additional speaker Baffle Units. PA-79W Imported. Shpg. wt., 7 lbs. Net ea. 13.95

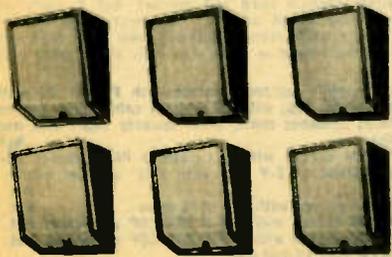


LAFAYETTE
PA-43
DYNAMIC
MIKE



E-V 641
DYNAMIC
MIKE
ON EV-428
TOUCH-TO-
TALK
STAND

CHOICE OF MICROPHONES



LAFAYETTE 8" 10-WATT
SPEAKER BAFFLE COMBINATIONS
PRE-WIRED WITH MATCHING
TRANSFORMER &
VOLUME CONTROL

PHONO TOP SYSTEMS

These systems are identical to the above but include a 4-speed phono top which mounts easily on top of the amplifier. Shpg. wt., 105 lbs. PA-460WXM Same as PA-458WXM with 4-speed phono graph top Net 215.45 PA-461WXM Same as PA-459WXM with 4-speed phono top Net 196.45

40-WATT INDOOR PAGING SYSTEMS



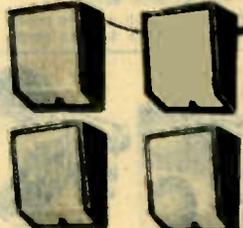
PA-268WX

LAFAYETTE
PA-43
DYNAMIC
MIKE

AS
LOW AS

122⁵⁰

NO MONEY DOWN



PA-79

E-V 641
DYNAMIC
MIKE
ON EV-428
TOUCH-TO-
TALK
STAND

Exceptionally versatile P.A. system for paging, music distribution and for meetings. Just right for large auditoriums, schools, gymnasiums, churches, factories, etc. Includes Lafayette outstanding PA-268 40-watt P.A. amplifier; 4 Lafayette PA-79 8" heavy duty speaker-baffle combinations rated at 10 watts each. You can add more speakers at any time—up to 32 for a 1 1/4-watt per speaker installation, speaker combinations have individual volume controls; your choice of Electrovoice Model 641 high output dynamic microphone with E-V 428 touch-to-talk desk stand or the Lafayette PA-43 high output dynamic microphone with on-off switch, 117 volts 60 cps AC. Shpg. wt., 70 lbs. PA-462WXM with E-V 641 microphone and 428 desk stand Net 141.50 PA-463WXM Same as PA-462WXM but with Lafayette PA-43 microphone, less stand Net 122.50 Additional Speaker-Baffle Combinations. PA-79W Shpg. wt., 7 lbs. Net ea. 13.95

LAFAYETTE OFFERS OUTSTANDING VALUES IN MUSICAL INSTRUMENTS



"VALUE" DOUBLE-CUTAWAY ELECTRIC GUITAR

37⁵⁰
No Money Down

A lot of guitar at a little price. Smart double cutaway style with solid mahogany body. Dark reddish brown finish shaded to light mahogany; sunburst on top, dark-brown high-gloss finish on back. Rosewood fingerboard with eight inlaid position markers. Three-piece laminated neck; adjustable metal bridge. Powerful single magnetic pickup unit, with individual magnetic tuners for each string, has separate volume and tone control. 36" long, 10½" wide. Shpg. wt., 12 lbs. Imported.

V-10WX Net 37.50

Carrying Case for above. Shpg. wt., 3 lbs.

V-14WX Net 7.95



"SPECIAL" DOUBLE-CUTAWAY ELECTRIC GUITAR

52⁵⁰
No Money Down

Smartly designed solid mahogany body with double cutaway style. Two magnetic pickups with individual magnetic tuners for each string. Two volume and one tone control, plus 3-way selector switch to permit use of each pickup or both simultaneously for instant change from rhythm to melody. Body finished in high-gloss lacquer. Dark, reddish brown finish shaded to light mahogany sunburst on top; dark brown finish on back. Three-piece laminated neck; rosewood fingerboard with eight inlaid position markers; adjustable metal bridge. 36" long, 10½" wide. Shpg. wt., 12 lbs. Imported.

V-11WX Net 52.50

Carrying Case for above.

Shpg. wt., 3 lbs.

V-14WX Net 7.95



DELUXE DUAL PICKUP DOUBLE-CUTAWAY ELECTRIC GUITAR WITH VIBRATO TAILPIECE

99⁹⁵
No Money Down

A truly outstanding professional guitar, smart in design, exciting in sound... a must for the guitarist who demands brilliant performance. Dramatic double cutaway style—selected mahogany solid body with contour-cut back. Highly polished, hand-rubbed shaded finish. Special thin cut blonde maple reinforced neck with adjustable steel rod. Oval rosewood fingerboard with 20 frets and inlaid pearl position markers. Two magnetic pickups with individual tuners for each string. Two volume and one tone control. Two slide switches for pickup control. Chrome-plated tremolo tailpiece; adjustable bridge; individual machines. 38½" long, 12" wide. Shpg. wt., 15 lbs. Imported.

V-15WX Net 99.95

Carrying Case for above.

V-21WX Shpg. wt., 3 lbs. Net 7.95

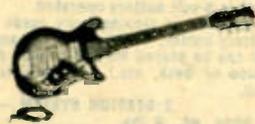


CLASSIC SPANISH GUITAR

32⁹⁵
No Money Down

A carmenita classic-type guitar combining outstanding craftsmanship and materials. Concert size in the true classic design. Back, sides and neck are of genuine mahogany and top is of spruce. Rosewood fingerboard, bound with white celluloid, has four pearl positions and heavy frets. Steel reinforced neck and nylon strings. Narrow grain white spruce top with fan bracing. Top edge is bound with heavy sparkling brown celluloid and decorated with black and white trim. Back edge is bound with heavy sparkling brown celluloid. The sound hole is decorated with inlaid mother-of-pearl inlay and black and white lines. Slotted headpiece; white button machines. Shpg. wt., 11 lbs. Imported.

V-16WX Net 32.95



COMPLETE 7-PIECE GUITAR OUTFITS

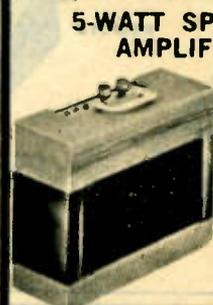
Consists of Electric Guitar; 5-watt Speaker-Amplifier shown on this page; laminated chipped board carrying case with imitation alligator covering, flannel lining, nickel-plated fasteners, plastic handle; flannel-lined leather neck strap; celluloid pick; electric cord; Easy-Method Guitar instruction book.

COMPLETE 7-PC. "VALUE" GUITAR OUTFIT
Consists of all items shown and listed above, including "Value" Guitar, V-10WX. Shpg. wt., 35 lbs.

V-12WX Net 75.50

COMPLETE 7-PC. "SPECIAL" GUITAR OUTFIT
Consists of all items shown and listed above, including "Special" Guitar, V-11WX. Shpg. wt., 35 lbs.

V-13WX Net 89.95



5-WATT SPEAKER AMPLIFIER

29⁹⁵
No Money Down

Features 8" speaker for faithful reproduction. Top-mounted control panel has tone and volume control and inputs for three instruments. Three-tube chassis. Housed in 2-tone cabinet with attractive lattice-work grille cloth. Case size: 16W, 6D, 13"H. AC-DC 60-cycle operation. Shpg. wt., 18 lbs.

LA-233WX Net 29.95



BARITONE UKULELE

only
14⁹⁵



PROFESSIONAL TUNABLE BONGOS
15⁹⁵

BARITONE UKULELE. Highly polished mahogany back, sides and neck. Top edge bound with white celluloid. Inlaid pearl position markers, white patent pegs, white bone nut. Strings are carefully gauged nylon. Sound hole bound with black and white celluloid and decorated with inlaid purfling. Gives the warmth of tone and ease of response to satisfy any player. Shpg. wt., 4 lbs. Imported.

V-17WX Net 14.95

PROFESSIONAL TUNABLE BONGOS. Pure white perfect calfskin heads for best rhythm effects. Sparkling color finish. Sturdy construction with heavy plated hardware. Four tuning lugs on each bongo. Head sizes: 7¾" and 6¾". Overall 7" deep. Complete with Tuning Key. Shpg. wt., 5 lbs. Imported.

V-18WX Net 15.95

SNARE DRUM OUTFIT. An exciting snare drum set at a low Lafayette price. 14x5½" separate tension snare drum with metal snares, tone modulator, heavy-duty throw-off, flanged hoops, rolled rims, nickel plated hardware. Bright sparkle finish. Complete with norwood metal stand, sticks, brushes. instruction book. Shpg. wt., 15 lbs. Imported.

V-20WX Net 34.95



SNARE DRUM OUTFIT
34⁹⁵
No Money Down



DANCE BAND DRUM COMBO OUTFIT

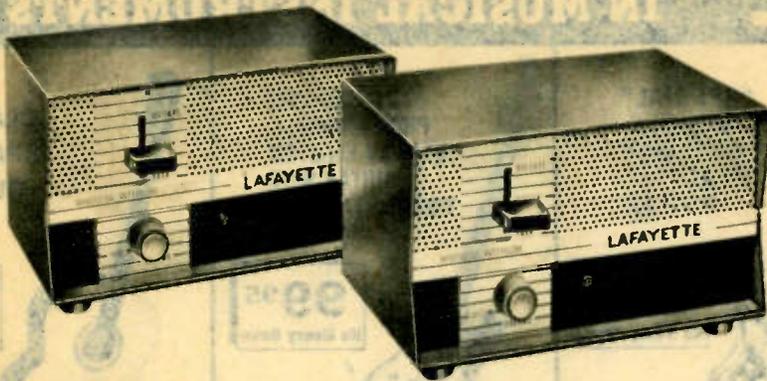
109⁹⁵
No Money Down

BUY ON TIME
SEE PAGE 412

A professional-style set complete with accessories for exciting drum playing. Features a 14x20" single-tension bass drum with permanent-type tom-tom and cymbal holders. 14x5½" snare drum with separate tension, flanged hoop, metal snare, professional throw-off. 12x8" matching tom-tom with separate tension, flanged hoops. Accessories include a 12" cymbal, drum pedal with adjustable beater and springs, disappearing spurs, sturdy snare drum stand, holder for tom-tom, and sticks. All metal parts are highly nickel plated. Bright sparkle finish. Shpg. wt., 45 lbs. Imported.

V-19WX Net 109.95

NEW! LAFAYETTE WIRELESS INTERCOM



2-Station Wireless Intercom System

3250 NO MONEY DOWN

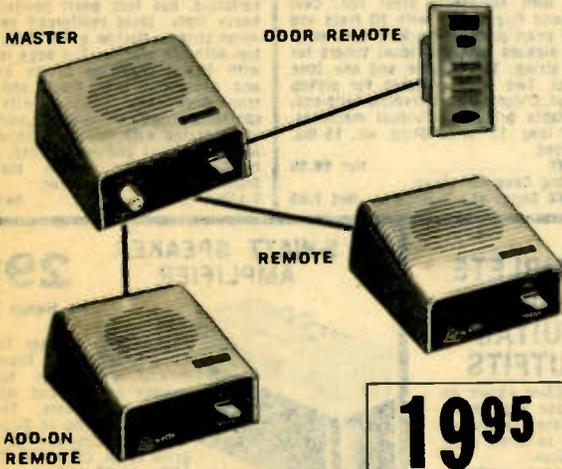
Lafayette offers a truly outstanding value in wireless intercoms. Handsomely styled, these units offer quality performance for home or business use. Each unit features a 3-position bar-control lever: Dictate (for use as "baby sitter", lengthy talking), Talk (has spring return to Listen position), and Listen. No wires to connect—simply plug into any 117V AC/DC outlet. Front panel volume control

and pilot light; adjustable squelch control at rear reduces interference during quiet periods. Dependable 3" speaker. Add as many remotes as needed. Shpg. wt., 10 lbs. Imported.
 PA-406M 2-Station System Net 32.50
 Extra Remote. Shpg. wt., 5 lbs. Imported.
 PA-405 Net 16.75

- Operates from any 117V AC/DC Outlet
- No Wires to Connect
- Ideal for Home or Office
- Add as Many Extra Stations as Desired

EASY PAY PLAN SEE PAGE 412

NEW! LAFAYETTE 2, 3 & 4 STATION TRANSISTOR INTERCOM



- Instantaneous 2-Way Communication — No Waiting For Warmup, No Heat, No Hum
- Portable as Well as For Desk or Wall Mounting
- You Can Start With 2-Station System and add on Additional Remote and Door Remote Later

Lafayette's new transistorized intercom can be used anywhere for 2, 3 or 4-station communications. Master has printed circuit board in well designed 3-transistor plus diode circuit for plenty of output. Master also has volume control, 3 OFF-ON slide switches for calling or listening to up to 3 remote stations, and a spring return "TALK," "HEAR," and "OFF" (battery saving position) lever switch. Master can call and talk to each, any 2, or all 3 remote stations at the same time. With system in "OFF" battery saving position, remote can initiate a call to Master by transmitting a tone signal indicating that he wishes to speak to master. Perfect for baby sitting by simply placing lever switch on Master to "Hear." Absolutely no danger of shock since unit is 6-volt battery operated. Neatly designed in sloping Ivory cases with attractive blue front panels. Complete with battery holder, 4-"Z" type cells and 50' of 2-conductor wire. Units have rubber feet and can be placed horizontally on desk or table top or hung on vertical surface (wall, side of desk, etc.) 4 3/4 x 5 3/4 x 2 3/4" max. dimensions of master and remote. Imported.

1995

2-STATION SYSTEM — MASTER PLUS 1 REMOTE	
PA-285 Shpg. wt., 4 lbs.	Net 19.95
ADD-ON REMOTE SUB-STATIONS	
PA-286 Additional Remote as above. Shpg. wt., 1 1/2 lbs.	Net 4.95
PA-287 Door Remote. Shpg. wt., 1 1/2 lbs.	Net 4.95
REPLACEMENT BATTERY	
BA-155 1 1/2-Volt Battery (4 required)	ea. Net .13
WR-12 Additional 2-Conductor Wire 100 ft. coil	Net .89

NEW! LAFAYETTE SOUND-POWERED HANDSETS

2-Station Telephone System

- Voice Transmission Over Several Miles
- Built-in Signalling Facilities
- Simple 2-Wire Connection Between Units

1995

Lafayette brings you a unique sound-powered telephone handset which does not require batteries or external source of electrical power. Piezo-electric elements built into mouthpiece and ear-piece generates power for voice transmission over several miles on 2-wire cable. Each handset has built-in push-button buzzer for calling other party (range 500 ft.). 2 penlight cells operate the buzzer which has adjustable tone. Each unit constructed of rugged, high-impact, heavy molded plastic. Piezo-electric elements are specially treated to provide resistance against shock, humidity, and corrosive fumes—will last indefinitely. Complete with batteries and instructions. Shpg. wt. per pair, 3 lbs. Imported.

PA-299 2-Station Telephone System (2 units)	Net 19.95
PA-298 Extra Single Handset	Net 10.95
BA-155 Extra Penlight Batteries (2 per Handset) Net each	.13
WR-221 Alpha 1172 2-Wire Cable for 2-Station Telephone System. Shpg. wt., 1 lb. per 100-ft.	Net 2.41

FAMOUS-NAME PORTABLE TRANSISTORIZED 2-STATION INTERCOM

- All-Metal Construction
- Fully Transistorized
- Adaptable for use on AC

1193



A low-cost, fully-transistorized intercom system complete with 50-feet of interconnecting cable. Operates on an inexpensive 9-volt battery or can be adapted for use on AC house current with optional power supply. Master unit has a volume control and press-to-talk switch. Remote has a press-to-call switch and can signal even though the master is turned off. All-metal cabinet is finished in sandalwood tan with gold trim. Easy-to-install; simple two-wire hook-up. Size: 4 1/4 x 3 1/4 x 1 3/4" H. Shpg. wt., 2 1/2 lbs.

PA-391	Net 11.93
BA-178 9-V battery for above	Net .48
Special power supply for use with above AC operator.	
PA-392	Net 2.95

TELEPHONES FOR INTERCOMS & PRIVATE PHONE SYSTEMS



EASY-PHONE TELEPHONE AMPLIFIER

- Lends A Valuable Helping Hand
- Amplifies Telephone To Room Volume
- 4 Transistors + Varistor
- No Dangling Wires, Pickups To Connect
- A Reminder That Caller is Waiting On The Wire
- No Warm-Up, Instant Operation

Why keep running over to the receiver to maintain contact with the other party? Instead, place the receiver on the Easy-Phone telephone amplifier and then proceed with important business while still within earshot of the telephone party. There is no need to use up one hand to hold phone, or grab receiver between neck and shoulder. With the receiver cradled on the Easy-Phone, there is complete freedom to take notes the party dictates, using either long hand, short hand or typewriter. When engaged in long distance conversation, Easy-Phone will clearly amplify the communication so relatives or business associates can hear every word as it is said. On occasion the search for some pertinent article of information prevents "holding on to the wire". Easy-Phone permits the information to be sought while keeping an ear "on the wire". Easy-Phone can be kept at office or at home — ready at all times for instant action. A four transistor, battery powered amplifier and inductive pickup, compactly in-

stalled in a most attractive plastic case, compose the Easy-Phone. Completely self-contained with no protruding plugs and twisted hook-up cords, it will not disarrange the orderliness of work space. Operation is this simple: Placing the receiver on Easy-Phone turns amplifier on, then adjust volume to the proper level. Volume control is independent of on/off switch (which is depressed by receiver's weight). SPECIFICATIONS: 4 transistor circuit with 1 varistor; powered by 4 pen-light, 1.5 volt cells, self-contained; 3" dynamic speaker, out of view under amplifier; battery life 6 months with moderate usage. Weight 25 ozs. Heavy black bakelite case measures: 8 1/4 x 3 1/4 x 2 3/4" H. Easy-Phone rests on two sturdy chrome plated runners. With miniature plug and jack for recorder input. Shpg. wt., 3 lbs. F-759 With Batteries Imported Net 17.50

17.50
with Batteries

EXTRA BATTERIES FOR ABOVE
BA-155 Penlite cell Net .13

DIAL PHONE

- For Intercoms — Extensions — Private Systems

6.95



Popular, modern dial phone. Can be used to make complete private systems. Equipment taken from service, reconditioned and ready to work. Simple, 3-wire hook-up. Complete with handset, dial, bell, induction coil and connecting cable. General appearance may vary slightly from catalog illustration. Shpg. wt., 8 lbs. PA-361 Net 6.95

CRADLE PHONE

Less Dial

3.85



2-for-7.50

Popular type Stromberg-Carlson cradle phone. Can be used as private telephone intercom. Reconditioned and ready to work. Consists of handset and cradle, less dial. General appearance may vary slightly from catalog picture. Shpg. wt., 6 lbs. PA-359 Net ea. 3.85 2-for-7.50

WESTERN ELECTRIC TYPE SG-1 SOUND POWERED HANDSETS.



5.92

Simple 2-way communications for miles. No batteries required. Just connect phone clips to two conductor wire. Excellent for Private Intercom System, Construction, TV Installer, Motels, Camps, Farms, Factories, Stores, Homes, Ski Resorts, etc. Any number of handsets can be installed on one line. Complete with retractable cord and alligator clips. Shpg. wt., 4 lbs. PA-375 Net 5.92
PA-376 Set of two Handsets with 100 ft. of 2 Conductor Inside-Outside Wire Net 12.75

WALL-TYPE DIAL PHONE

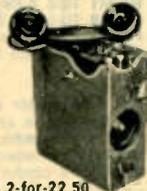
8.95



Popular, self-contained wall-type telephone taken from service and reconditioned like new. Ideal for intercom and private phone systems. Includes bell, induction coil and dial. Size and appearance may vary slightly. PA-360 Shpg. wt., 7 lbs. Net 8.95

PORTABLE SIGNAL CORPS FIELD TELEPHONE

Portable field phone in durable metal housing. Complete with heavy carrying case. Consists of handset, generator, induction coil, ringer and condenser. Used, but in good condition. Requires 2 standard flashlight cells. Shpg. wt., 13 lbs. PA-358 Net ea. 11.75 2-for-22.50
BA-157 Batteries for above (2 req.) Net ea. .13



WESTERN ELECTRIC HANDSET

4.25

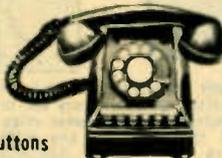


Dependable, rugged Western Electric F-1 Handset. Has countless valuable applications for intercom, private phone, etc. Reconditioned for fool-proof service. Complete with retractable cord. Shpg. wt., 1 lb. PA-379 Net 4.25

6 PUSH-BUTTON TELEPHONE

14.95

- Made by Western Electric
- Complete with Dial and Ringer
- 6 Illuminated Type Buttons



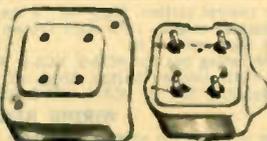
Popular cradle-type phone with 6 push-buttons that can be illuminated. Reconditioned like new and guaranteed to work. Ideal for intercom and private phone systems. Size and appearance may vary slightly. Complete with dial, bell, induction coil and connecting cable. PA-377 Shpg. wt., 10 lbs. Net 14.95

TELEPHONE PICKUP FOR RECORDING TELEPHONE CONVERSATIONS

Induction telephone pickup. Telephone conversations can now be picked up with no tapping of wires or special telephone circuits. Simply place the phone base, either cradle or upright type, on the pickup platform and connect the leads to the high impedance input of any medium gain audio amplifier, or directly to any tape, disc or wire recorder. Shpg. wt., 8 ozs. MS-16 Net 1.95



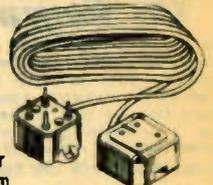
COMBINATION MALE & FEMALE TELEPHONE PHONE PLUG & PHONE JACK



Ideal for hooking up telephone extensions and intercoms. For use with PA-377 and PA-381 phones listed above. PA-394 Net each 2.85 In lots of 3 each 2.43
100 ft. - 2 conductor - twisted pair-unshielded telephone wire. WR-488 Net 1.95

30 FT. TELEPHONE EXTENSION CORD

3.25



• Ideal Extension Cord for Your Telephone Intercom
• Use with Dial Phone and Cradle Phone Listed on this Page
Add flexibility to your telephone intercom. Now be able to move your telephone intercom from room to room. 30 feet of telephone extension cord with standard 4-pin plug and jack. Color-coded cord to match screw terminals on plug and socket. Imported. PA-398 Net 3.25
PA-399 Extra Phone Jack Net 1.45

3 CONDUCTOR COILED CORD

.89

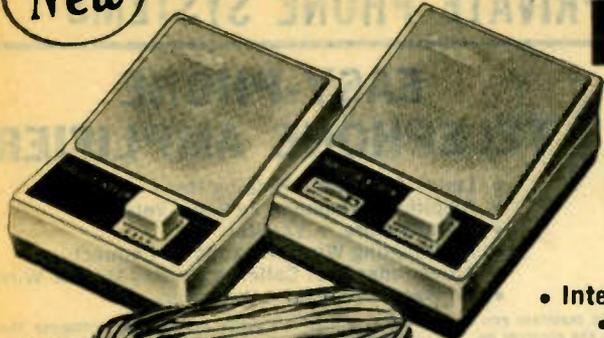
Exceptional value in a tough, 3-conductor coiled cord with strain relief. Excellent for phones in private phone systems, intercoms, etc. Extends to 6'. Shpg. wt., 1/2 lb. PA-378 Net .89

(New)

LAFAYETTE MODEL PA-410 2-STATION TRANSISTORIZED INTERCOM

AN OUTSTANDING LAFAYETTE VALUE!

TALK FROM ROOM TO ROOM



2 UNITS COMPLETE
9.95



- Inter-Unit Tone Calling
- Beautifully Styled
- Battery Operated
- Simple Plug-in Connecting cord
- Push-Button Operation

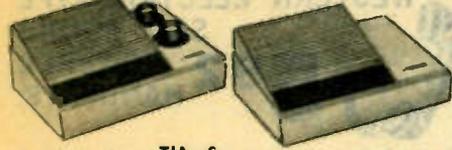
A beautifully styled, miniature 2-station intercom that is fully transistorized and operates from one inexpensive 9-volt battery. The system consists of one master and one remote with 66 feet of light-weight interconnecting cord. Plug at each end of cord lets you hook-up system fast—no tools or wiring connections required. Master unit has power on-off/volume control and listen-talk push-button. Remote has push-button for calling only—you can listen or talk to the master without operating any buttons.

Master and remote can call each other even when master is switched off—pressing any of the push buttons signals the person at the other end by means of a tone. Each unit is housed in a high-impact plastic case and supplied complete with interconnecting cord and 9-volt battery. Dimensions (each unit): 3Wx1³/₄Hx4"D. Shpg. wt., 1¹/₂ lbs. Imported.

PA-410 2-Station Transistorized Intercom Net 9.95
BA-2 Extra 9-volt battery Net .21

COMPLETE WITH: Interconnecting Cord w/plugs, 9-volt Battery, Scotch Tape Roll, Wire Tacks

DELUXE *Bogen* SERIES T TRANSISTORIZED OFFICE INTERCOMS



TIA-6
TIA-12
RIA-1

A compact light weight intercom system with natural voice reproduction and very high output level. For offices, stores, homes or any location where voice intercommunication is needed. Features: rugged transistorized design; trouble-free circuitry; low profile and tri-stage amplification. In addition, Series T Intercoms provide the simplest method yet devised to modify systems at will so that all remotes can be operated privately (for inter-office situations) or non-privately (for nursery or stock-room areas where a remote must reply or be heard without operating any controls). Single Master-Multiple Remote System uses up to 5 RIA-1 remote stations with one TIA-6 master or 11 remotes with a TIA-12 master. Remotes may originate calls to master and master can silence background noise of remotes with "mute" switch. All-Master System, up to six TIA-6 or twelve TIA-12 masters may be used. TIA-6 can talk to all stations at once, or permit separate conversations simultaneously up to the number of stations used. Model RIA-1 remotes have press-to-talk bar. Sturdy phenolic plastic cabinet, size: 7³/₄W x 3³/₄H x 7"D. Shpg. wt. master 4 lbs. Remote 3 lbs.

PA-332 TIA-6 Master Station Net 34.45
PA-333 TIA-12 Master Station Net 38.25
PA-334 RIA-1 Remote Station Net 10.45

Bogen TELEPHONE INTERCOM EQUIPMENT



TQ-6, TQ-12



TQ1-B

T-Q SERIES COMMON TALKING-SYSTEMS

- RELIEVE REGULAR TELEPHONE LINES
- REACH ANYONE IN YOUR OFFICE INSTANTLY
- NO DIALING; JUST PUSH A BUTTON

Bogen-Phones are the perfect answer to tied-up switchboards. Wonderful for inter-office calling while holding customers on the regular telephone line. Just press a button... a buzzer sounds at the station or stations called. You are instantly connected when the receiver there is lifted. Selective ringing, common talking: allows only 1 conversation at a time. "Conference" feature lets you talk to as many stations at once as there are receivers in the system. Three models are available to handle up to 13 stations. All stations are housed in impact-resistant gray plastic. Rubber feet on the base prevent sliding. Each handset has a 4-ft. cord, self-coiling to prevent snarling. Each station is supplied with a 6-ft. master cable and a junction box for easy wiring and supplied ready for desk or wall mounting. An adhesive push-button-directory tape is supplied with each station.

PA-350 (TQ1-B) operates on 4 self-contained flashlight batteries (2 for each phone). The 6 and 12-button models operate on 110 VAC and require use of power supply listed below. Shpg. wt., 5 lbs. per unit.

PA-350 TQ1-B 1-Button, 2-Station Twin-Phone System with 50 ft. of cable less batteries Net 34.35
PA-341 TQ-6 6-Button, 7-Station Handset (up to 7 may be used in a system) Less wire Net each 20.95
PA-349 TQ-12 12-Button, 13-Station Handset (up to 13 in a system) less wire Net each 25.70
PA-342 PRS-1 Power Supply for TQ-6 and TQ-12. Shpg. wt., 4 lbs. Net 22.50
BA-157 "D" Cell for TQ1-B (4 req.) Net each .13

WIRE REQUIREMENTS FOR TQ SERIES

Use 3 conductor unshielded cable for connecting PRS-1 power supply to system of phones (connected at any junction box in system). Cable listed below is for "between-phone" use.

WR-115 3 conductor unshielded per 100' 3 lbs. 2.45
WR-413 12 conductor unshielded per 100' for TQ, 6 lbs. 5.88
WR-415 18 conductor unshielded per 100' for TQ-12, 7 lbs. 7.94

DeLuxe NEW *Bogen* HOME "COMMUNO-PHONE" INTERCOM



A new deluxe home intercom system for built-in mounting in walls. Any combinations of master control stations and HCR remotes totaling up to 9 in a system may be used. Master control stations may call any other control station or remote. Control stations can enjoy complete privacy when desired.

Fullly transistorized HCA-1 amplifier powers complete system. Output of any AM or FM radio may be connected from its speaker voice coil into the music jack of the amplifier. Any HCM-9 control station can pick up broadcasts thru HCA-1 amplifier. Dimensions stations can enjoy complete privacy when desired. HCM-9, HCA-1: 11³/₄x4¹/₂", HCR-1, HCR-2: 6³/₄x4¹/₂".

PA-430 HCM-9 Master control station. Shpg. wt., 2 lbs. Net 25.50
PA-431 HCA-1-Transistorized amp. — 1 for each system for 110-120V. Shpg. wt., 3 lbs. Net 29.25
PA-433 HCR-1 Remote Shpg. wt., 1 lb. Net 8.85
PA-432 RBM-F Flush Mounting box for HCM-9, HCA-1. Shpg. wt., 2 lbs. Net 3.55
PA-434 HCR-2 remote with doorbell button. Shpg. wt., 1 lb. Net 11.10
PA-435 RBR-F Flush Mounting Box for HCR-1, HCR-2. Shpg. wt., 1 lb. Net 2.85

WIRING REQUIREMENTS, FOR *Bogen* INTERCOMS

For single master-multiple remote systems, use a three conductor unshielded cable between master and each remote. For an all-master system, the total number of unshielded conductors common to all stations is one more than the total number of masters in the system; i.e., a six-master system will be interconnected with a seven-conductor unshielded cable.

CABLE PRICES PER 100' FOR BOGEN INTERCOMS

No.	Description	Shpg. wt.	Per 100'	NET
WR-115	3-wire unshielded	3 lbs.	2.45	
WR-116	5-wire "	3 ¹ / ₂ lbs.	3.65	
WR-117	7-wire "	4 lbs.	5.25	
WR-118	9-wire "	5 ¹ / ₂ lbs.	5.78	
WR-413 (Belden 8743)	12-wire "	6 lbs.	5.88	
WR-415 (Belden 8744)	18-wire "	7 lbs.	7.94	

WIRING REQUIREMENTS

Run on unshield. cable in which the number of twisted pairs is 4 more than the total of control stations and remotes in the system. Between amp. and closest control station run a 3 pair twisted cable; between each remote station and the most convenient control station run an unshield. pair.

WR-12 1 pair, 100 ft. coils only, net per coil89
WRC-43 2 pair, per ft. .035; per 100' up 2.89
WRC-44 3 pair, per ft. .05; per 100' up 3.82
WRC-45 6 pair, per ft. .07; per 100' up 5.88
WRC-67 11 pair, per ft. .13; per 100' up 10.73

FANON-MASCO

INTERCOM SYSTEMS

FLUSH-WALL AM-FM RADIO INTERCOM SYSTEM



Model 5509 beautifully styled master radio intercom system provides up to 9 remotes for Hi-Fi AM or FM reception plus phono music or voice throughout your home. Remotes can call each other by switching at master and master and remote can call each other at any time. Each remote has volume control. Sensitive, noise free, wide band AM-FM Tuner with AFC. AMP. rated at 2 watts, has 7 tubes, 2 diodes, 1 silicon rectifier. Master may monitor all remotes. Inputs for tape or record player. Satin chrome finish. Front panel: 15½x7x1". Rough-in dimen: 13¾Wx5¾"D. Supplied with back box. Shpg. wt., 12½ lbs.

PA-388WX No Money Down Net 104.95

Model 56 Indoor Remote for 5509 — High styled indoor remote with back box, talk-listen switch and volume control. 5" speaker, satin chrome finish. Panel: 6x8½". Rough-in dimen: 4¾x8". Shpg. wt., 2½ lbs.

PA-389 Net 9.75

Model BD. Flush wall remote with back box for outdoor use.

PA-199 Shpg. wt., 2 lbs. Net 5.95

Model BDR Flush Wall Mount Remote — Same as BD, with bell push-button.

PA-200 Shpg. wt., 2½ lbs. Net 7.50

BUILT IN WALL SYSTEM WITH AM RADIO

MODEL MC—Master intercom control combined with powerful 6 tube AM radio. Will control up to six remotes. BC remotes provide instant two way communication between any two or more locations. Size: 11½x7¼".

PA-195 Model MC. Shpg. wt., 2 lbs. Net 52.50

MODEL MCL—Master control same as MC except less radio but with built in phone-jack. Lets you play records or tapes through intercom. Size: 11½x7¼".

PA-196 Model MCL Net 32.95

BC Flush Wall Mount indoor remote for MC Series With back box.

PA-197 Shpg. wt., 1 lb., 10 oz. Net 5.95

BJ Same as BC except with phono jack. Shpg. wt., 1 lb. Net 8.95

PA-198

BD Flush Wall Mount remote, for outdoor use, with back box.

PA-199 Shpg. wt., 1 lb. Net 5.95

BDR Flush Wall Mount remote, same as BD, with Bell Button.

PA-200 Shpg. wt., 1 lb. Net 7.50

WIRING REQUIREMENTS

For 5509—MC Series Separate 3 conductor unshielded wire for each remote used.

WR-115 In 100 ft. coils only. Shpg. wt., 2 lbs. Net 2.45



FANON-MASCO 2-STATION INTERCOM

Ideal as a "baby-sitter." Provides modern communication between offices, departments, living quarters, etc. Remote has "talk-listen" switch for privacy where required. Master unit has volume control, on/off switch, separate press-to-talk switch and pilot light. Cabinets of 2 tone beige styrene. Supplied with 50 ft. of cable. Size of each station, 8x4x4". Shpg. wt., 6 lbs.

PA-208 Fanon FX-2B Net 23.90

PA-209 Fanon FS-B (extra Remote) also supplied with 50 ft. of cable Net 7.95

WR-115 additional cable per 100 feet. Shpg. wt., 1 lb. per 100' Net 2.45

FX-2B

Model RB-1 Fanon-Masco Wireless Electronic Nurse

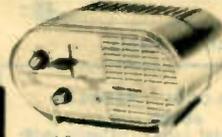
1495

- NO INSTALLATION
- NO WIRING • JUST PLUG IN
- COMPLETELY PORTABLE

No installation... completely portable... just plug in and flick the switch. Wireless Electronic Nurse then picks up any sound in its vicinity and transmits to your radio, up to 300 feet away. Use with any radio set—home, car, portable, transistor. Use the Electronic Nurse anywhere—at home, visiting neighbors, working outdoors, even sitting in your automobile. Your baby is absolutely safe, anytime. Adjustable to any clear radio channel between 1100 and 1600 kc. Tubes: 12AX7, 50C5, selenium rectifier. Controls Power ON-OFF and pilot light. Power 18 watts at 110-120 volts AC or DC. Size 8¼x4½x3¾". Attractively finished metal case. Shpg. wt., 4 lbs.

PA-215 Net 14.95

FANON-MASCO MULTI STATION INTERMIX INTERCOM MODEL FIM 12B



FIM-12B

Can use up to 6 Masters and up to 36 Remotes in Master-to-Master and Master-to-Remote intermix system; 1 Master and up to 11 remotes in Master-to-Remote system only; up to 12 Masters in Master-to-Master system only; FC remote has talk switch and can call master only. On private operation, remote must depress switch to talk. The FC-6 Remote can be connected to up to 6 different Masters. The FIM-12 Master has a volume control with on-off switch, a 12-station rotary selector switch with "Stand-by" position, and a spring-return Talk-Listen switch with "Dictate" position for extended talking. Master power output — 2½ watts. Hum and noise are extremely low. For 117 volts AC or DC. Dimensions: Masters and Remotes, 8x4x4" 2 tone beige styrene. Shpg. wt., Master: 4 lbs. Remote: 2½ lbs.

PA-203 FANON FIM-12B Master Net 31.20

PA-204 FANON FC-B Remote Net 8.40

PA-205 FANON FC-6B Remote Net 13.20

WIRE REQUIREMENTS

1. For interconnecting the masters, use twisted pairs of wires; the number of pairs being the same as the total number of masters in system.

2. For interconnecting masters with FC-6B remotes, use twisted pairs of wires; the number of pairs being equal to the sum of the masters and FC-6B remotes which communicate with each other.

WR-12 2 conductor twisted with plastic installation. Shpg. wt., 2 lbs. In 100 ft. coils only. Net .89

3. For interconnecting a master with FCB remotes, use a cable consisting of one shielded conductor and a number of individual conductors; the number of individual conductors being the same as the number of FCB remotes.

WR-265 3 wire with 1 wire shielded. Shpg. wt., 3 lbs. per 100 ft. Net 4.74

FANON-MASCO DUAL PURPOSE 6 STATION MASTER

FX-6B



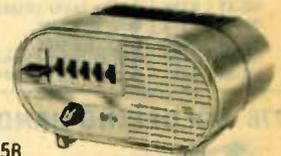
FX-6B Ecanofone — A dual purpose master, for use with up to five FC remotes in a Master-to-Remote system, or up to six masters in an All Master system. Five individual station selector switches. "Dictate-Talk-Listen" switch. In all master systems, 3 private conversations or conference of all stations may be held. 3 tubes, 30 watts power consumption. Weight 6 lbs. Size: 8¾x4¾x5¾" — (two-tone beige styrene.

PA-213 FX-6B Net 23.90

PA-204 FCB remote for FX-6B Net 8.40

FM-5B ADD-A-CALL. NEW 5-STATION MASTER Master to remote system or Remote to Remote

FM-5B



May be used with up to four remotes. Master can speak to any one, several or all remotes. Direct remote-to-remote communication between any two or more remote stations when "set-up" by the master. Master can monitor (listen-in) to any one or more of the remote stations at will. Remotes can originate calls to the master and to other remotes. "Busy-light" flickers during conversations. Shpg. wt., 6 lbs. Size: 8¾x4¾x5¼"

PA-390 Model FM-5B Net 25.40

PA-204 FCB remote Net 8.40

WIRING REQUIREMENTS FOR FX-6B, FM-5B

FX-6-use a multi-wire cable from 1st station and end with the last, using 1 wire more than total number of stations. FM-5B-use separate 3 conductor cable to each remote in system.

WR-115 3 conductor—100 ft. coils only. Shpg. wt., 2 lbs. Net per coil 2.45

WR-117 7 conductor—100 ft. coils only. Shpg. wt., 4 lbs. Net per coil 5.25

MODEL FW-40 2-STATION TRANSISTORIZED WIRELESS INTERCOM

FW-40

Homes — Nurseries — Stockrooms — Offices

Extremely sensitive, this new system is free from hum or noise due to an exclusive Fanon-Masco squelch circuit. Plugs into AC outlet. No warmup period required. No shock—no heat—safe around children. SPECS: RF output —150 mw audio output: 120 milliwatts; 3 transistors, 1 crystal diode and 1 full-wave selenium rectifier; 3½" speaker. Durable high impact styrene case finished in beige with black and gold appointments. Overall size: 8¾Wx4¾Hx5¾"D. For 105-125V AC-DC.

PA-211 FW-40 complete 2-station system Shpg. wt., 7 lbs. Net 53.95

Model FW-41 Additional Single Station PA-212 Shpg. wt., 3½ lbs. Net 27.75

Model FW-50B 2 Station Wireless Intercom. A deluxe 4-tube unit for 105-125V AC or DC. Size: 8x4x4". Shpg. wt., 7 lbs.

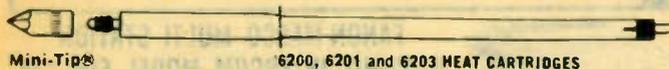
PA-206 Fanon-Masco FW-50B 2-station wireless Net 49.95

PA-207 Fanon-Masco FW-51B Extra station. Shpg. wt., 3½ lbs. Net 25.45

NEW IMPERIAL



A "CUSTOM" SYSTEM OF SOLDERING INSTRUMENTS



INTERCHANGEABLE CORD SETS (WITH PLUG)

Instantly adapts iron to any 2 or 3 wire outlet. Wire is 6' long, 18 ga, 65 strands copper.

Stock No.	Mfg. Type	Wire	1-9	10-99	100-up
MG-16	6102	2*	1.28	1.07	.96
MG-19	6103	3†	2.15	1.80	1.62
BEIGE					
MG-17	6102	2*	1.28	1.07	.96
MG-20	6103	3†	2.15	1.80	1.62
IVORY					
MG-18	6102	2*	1.28	1.07	.96
MG-21	6103	3†	2.15	1.80	1.62

*With Standard 2-Wire Plug; †Parallel Ground Plug.

"PERMA-COOL" HANDLES #6100

Three cool pastel colors; virtually indestructible finely ribbed handles. Die-cast aluminum heat sink built in. U/L app. 0.8" O.D. at grip; 4.7" lgth. Wt. 1 oz. Stock Color ea. ea. 1-9 10-99 100-up

Stock No.	Color	1-9	10-99	100-up
MG-10	Ivory	1.28	1.07	.96
MG-11	Beige	1.28	1.07	.96
MG-12	Turquoise	1.28	1.07	.96

HEAT CARTRIDGES

New reduced watt density; stainless steel, sealed cartridge, interchangeable; threaded. U/L approved — 7½" lgth. 363" dia. 1.1 oz. Color coded.

Stock No.	No.	Watts	1-9	10-99	100-up
MG-13	6200	40	3.28	2.73	2.48
MG-14	6201	30	3.28	2.73	2.46
MG-15	6203	25	3.28	2.73	2.46
MG-75	6206	15	3.28	2.73	2.48

UNGAR KLEEN TIP #400

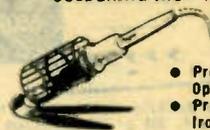


The most effective method for removing oxidation and cleaning soldering tips. Clean tips last twice as long! KLEEN-TIP eliminates burning rags, flying solder. Complete with phenolic tray, 2 specially processed sponges and bracket for attaching to work bench. Shpg. wt., 6 oz. Net .98

ANTI-SEIZE LUBRICANT #8001

Lengthens soldering tip and heating unit life. Guards against freezing; protects against corrosion. 2 oz. can. Shpg. wt., 3 oz. Net .54

SOLDERING IRON HOLDER



- Protects the Operator
- Protects the Iron

Protects operator against "hot tip" burns; protects iron against breakage. Attaches easily to top or underside of bench, or to wall. Angle adjusts to your convenience. Shpg. wt., 8 oz.

MG-67 #8800 For Imperial Line	Net each, 1-9	1.60
	Net each, 10-99	1.43
	Net each, 100-up	1.30
MD-777 #8000 For Standard Line	Net each, 1-9	1.57
	Net each, 10-49	1.30
	Net each, 50-up	1.20

42 INTERCHANGEABLE MINI-TIP® THREAD-ON UNITS

Completely interchangeable with the Imperial line (not interchangeable with Ungar "Standard Line"). Thread onto heat cartridge (either 25, 30 or 40 watt models) with fingertip ease.

Stock No.	Ungar No.	Shape	Size in. O.D. x L.	Temp. (°F) † With Cartridge Rated			Net Each	
				25W	30W	40W	1-9	10-99
MG-25	6304	◆ Micro-chisel*	3/16 x 1/2	750	800	890	.85	.71
MG-26	6305	◆ Micro-spade*	3/16 x 1/2	750	800	800	.85	.71
MG-27	6312	† Pencil	1/8 x 3/4	750	800	910	.32	.27
MG-28	6313	◆ Pencil	1/8 x 3/4	690	750	860	.85	.71
MG-30	6316	◆ Offset pencil	1/8 x 3/4	690	750	860	.85	.71
MG-31	6318	† Long taper chisel	1/8 x 3/4	750	800	890	.32	.27
MG-32	6319	◆ Long taper chisel	1/8 x 3/4	690	750	860	.85	.71
MG-33	6324	† Long taper pyramid	1/8 x 3/4	750	800	890	.32	.27
MG-34	6325	◆ Long taper pyramid	1/8 x 3/4	690	750	860	.85	.71
MG-36	6331	◆ Screwdriver	1/8 x 3/4	690	750	860	.85	.71
MG-37	6333	◆ Needle	1/8 x 3/4	690	750	860	.85	.71
MG-39	6336	◆ Spade	1/8 x 3/4	690	750	860	.85	.71
MG-41	6366	◆ Long taper chisel	3/16 x 3/4	680	730	850	1.00	.84
MG-45	6372	◆ Screwdriver	3/16 x 3/4	680	730	850	1.00	.84
MG-52	6390	◆ Screwdriver	3/16 x 1/2	600	650	750	1.00	.84
MG-58	6424	◆ Long taper chisel	1/4 x 3/4	680	730	850	1.00	.84
MG-62	6474	◆ Long taper chisel	3/16 x 3/4	670	730	840	1.20	1.00

NEW MICRO-TIPS

Designed for Micro-Minature soldering. These tips have a maximum diameter, at the point of work, of .05 inch.

Stock No.	Ungar No.	Shape	Size O.D. x L.	Net	
				1-9	10-99
MG-71	6550	◆ Tapered Screwdriver	.04 x .40	1.00	.84
MG-72	6551	◆ Stepped Spade	.05 x .40	1.00	.84
MG-73	6553	◆ Stepped Chisel	.05 x .40	1.00	.84
MG-74	6554	◆ Stepped Pencil	.05 x .20	1.00	.84

† Tellurium Copper; † Solid ARMCO Iron, Silver plated; ◆ Iron Clad 25K Gold Plated; * User can bend to make Offset; † Slight variation in voltage and line voltage will give ±25°F deviation.

WRITE FOR PRICES OF 100 OR MORE UNITS

776 SOLDERING HANDLE



Meets every industrial soldering requirement. Virtually fatigue-free—lightweight and desirably cool. New spring socket holds tip firmly for full electrical contact. Ceramic and glass insulator keeps handle temperature way down. Soft-touch cork grip for all-day comfort. Plated socket terminals; stainless steel heat deflector; octagon guard wash; therm-stabilized phenolic housing. UL approved, 6-ft. insulated cord with conforming cord protector. Overall length 5" Shpg. wt., 4 oz. Net ea 1.22 Lots of 10, each 1.03

DE-SOLDERING TIPPLETS



Will remove components 70% faster than ordinary iron tips by melting solder on all terminals simultaneously. All De-Soldering Tipplets are used with Ungar 4045 heating Unit. Shpg. wt., 2 oz.

Stock No.	Type	Fig.	Description	1-9	each 10 up
HD-754	854	A	1" Cup tiplet		
HD-755	855	A	3/4" Cup tiplet		
HD-756	856	A	3/8" Cup tiplet	.59	.49
HD-757	857	B	Slotted tiplet		
HD-758	861	D	Triangle tiplet		
HD-759	862	E	Offset slotted tiplet		
HD-760	863	F	Cube tiplet		

UNGAR "STANDARD LINE"

HEATING UNITS



HEATING UNITS. For use interchangeable with any tiplet except * for 800 and † for 100 series only, iron base, silver plated. Av. shpg. wt., 2 oz. For 115V, AC-DC.

Stock No.	Type	Description	Fig.	1-9	10 up	Net Each
HD-775	4045*	Super Hi-Heat 850° 47½ W A		2.35	1.95	
HD-771	4035	Super Hi-Heat 850° 47½ W A		2.35	1.95	
HD-773	4037†	Hi-Speed 900° 47½ W B		2.35	1.95	
HD-766	1235	Hi-Heat 750° 37½ W A		1.22	1.03	
HD-748	535	Standard 650° 23½ W A		1.05	.87	
HD-768	1237†	Hi-Speed 900° 37½ W B		1.39	1.18	

DE-SOLDERING KIT

Model 270



Designed for safe de-soldering printed circuits. Kit consists of 7 specialized components, including basic super hi-heat pencil unit, delivering up to 850°F; slotted tiplet; rectangular de-soldering tiplet; and 4 circular de-soldering tiplets. In sturdy metal case. HD-447 Shpg. wt., 2 lbs. Net 5.71

ELEMENT TIPS



4000 Series, Super Hi-Heat. 900°-1000°F tip temperature. 47½ watts for heavy duty use. Tellurium copper base, plated with iron and pure silver. For 115V, AC-DC. Av. shpg. wt., 5 oz.

Stock No.	Type	Fig.	Description	1-9	10 up	Net each
HD-770	4033 A	1/4"	Chisel	2.35	1.95	
HD-772	4036 B	Pyramid	2.35	1.95		
HD-774	4039 A	3/8"	Chisel	2.35	1.95	
1200 Series, Hi-Heat. 750°-800°F tip temperature. 37½ watts for medium duty use. Silver-plated solid Armco pure iron. *Copper tip. For 115V, AC-DC. Av. shpg. wt., 3 oz.						
Stock No.	Type	Fig.	Description	1-9	10 up	Net each
HD-765	1233*	A	1/4" Chisel	1.22	1.03	
HD-767	1236	B	Pyramid	1.22	1.03	
HD-769	1239 A	3/8"	Chisel	1.22	1.03	
HD-778	1333	A	1/4" Chisel	1.18	.98	

Stock No.	Type	Fig.	Description	1-9	10 up	Net each
HD-747	533	A	1/4" Chisel	1.05	.87	
HD-749	536	B	Pyramid	1.05	.87	
HD-750	539	A	3/8" Chisel	1.05	.87	

TIPPLETS AND MINI-TIPS



New thread-in and thread-on soldering tips. Made of super tough copper alloy. The PL series is iron clad and silver plated, others are unplated. The 100 series Mini-Tips, 3/16" O.D., are used with 1237 and 4037 units only. The 300 series tipplets, 1/8" O.D., are used with heating units 535, 1235, 4035. The 800 series Tipplets, 3/8" O.D. for high heat transfer, are used with the 4045 unit. 833 and 834 1 3/8" L., 823 and 824 are 1" L. Avg. shpg. wt., 2 oz.

Stock No.	Model	Fig.	Type	1-9	10 50-49 Up	Net ea.
HD-737	PL 111	A	Pencil	.59	.49	.45
HD-738	PL 113	B	Chisel	.59	.49	.45
HD-743	PL 331	C	Pencil	.47	.39	.36
HD-744	PL 332	D	Offset	.47	.39	.36
HD-745	PL 333	E	Chisel	.47	.39	.36
HD-746	PL 338	F	Needle	.47	.39	.36
HD-776	PL 340	G	Micro	.47	.39	.36
HD-761	PL 823	H	Pyramid	.47	.39	.36
HD-762	PL 824	E	Chisel	.47	.39	.36
HD-763	PL 833	E	Chisel	.78	.65	.60
HD-764	PL 834	D	Offset	.78	.65	.60
HD-735	111	A	Pencil	.20	.17	.15
HD-736	113	B	Chisel	.20	.17	.15
HD-739	331	C	Pencil	.18	.13	.12
HD-740	332	D	Offset	.18	.13	.12
HD-741	333	E	Chisel	.16	.13	.12
HD-752	823	H	Pyramid	.16	.13	.12
HD-753	824	E	Chisel	.16	.13	.12

Weller

WEN

ORYX

SOLDERING IRONS AND GUNS

WELLER 8200 SOLDERING GUN

4⁵⁶



"Expert" soldering gun rated at 100/140 watts. Exclusive instant dual-heat feature adapts gun to varying needs immediately. New high-efficiency tip for superior heat transfer and long life. Shpg. wt., 2 1/2 lbs.

MG-220 Net ea. 4.56
Lots of 3, ea., 4.26 Lots of 12, ea. 4.07

WELLER PROFESSIONAL SOLDER GUNS



New High Wattage Guns—these latest model guns have everything! Increased wattage—dual spot-lites—rugged plastic case—featherweight balance. Come equipped with cord, plug and one tip. For 110-120 volts, 60 cps AC. Model D-440. Dual-heat type, 145/210 watts. Shpg. wt., 3 lbs.

- Instant Heat
- Hi-Impact Housing

MG-794 Net ea. 7.30
Lots of 3, ea., 6.52 Lots of 12, ea. 6.12
MODEL D-550. Dual-heat type, 240/325 watts. Shpg. wt., 3 3/4 lbs.
MG-795 Net ea. 8.08
Lots of 3, ea. 7.15 Lots of 12, ea. 6.76

WELLER D-550PK SOLDERING KIT

955



Heavy-duty soldering kit. Everything needed for hundreds of jobs. Contains D-550 gun, solder, cutting tip, smoothing tip, tip changing wrench—all included in handsome plastic case. Shpg. wt., 5 lbs.

MG-233 Net ea. 9.55
Lots of 3, ea. 8.50 Lots of 12, ea. 7.99

WEN "75" SOLDERING PISTOL



376

New single-element soldering gun featuring space-age element—more heat at less current. Has built-in spotlight for illumination of hard-to-reach places and finer tip for micro-soldering. Complete with tip and 6-ft. cord with molded plug. For 110-120 volts, 60 cps AC. Shpg. wt., 1 1/2 lbs.

MG-260 Net ea. 3.76
Lots of 3 ea. 3.30

WEN HEAVY-DUTY 250-WATT SOLDER GUN



- Industrial Standard
- Heats in 3 seconds
- Built-in Spotlight

952

The standard by which other soldering guns are judged! This heavy-duty model withstands hundreds of hours of continuous use. Heats in 3 seconds; under normal use tip remains tinned indefinitely. Built-in spotlight illuminates even the hardest-to-reach places. Streamlined design is easy to handle. Black high impact shatter proof housing. U.L. approved. 250 watts, 120v. A.C. only. 6 1/2" long overall. Shpg. wt., 4 lbs.

MG-710 Lot of 3 ea., 8.47 Singly ea., 9.52
MG-918 Tip for above Net .17



WELLER 8200PK DUAL-HEAT SOLDERING KIT

647

"Expert" soldering kit featuring the 8200 gun plus 3 soldering tips, tip changing wrench, flux brush, soldering aid and all-purpose solder—all included in a high impact plastic utility case. Shpg. wt., 3 3/4 lbs.

MG-231 Net ea. 6.47
Lots of 3, ea. 5.83 Lots of 12, ea. 5.54

WELLER REPLACEMENT TIPS & PARTS

Avg. shpg. wt., 3 oz.

Stock No.	Mfg. No.	Description	Net
MD-802	7300	Copper Tip, pkg. of 2, for B, S-107, D-207	.29
MD-804	8125	Plated Tip, pkg. of 2, for 8200, 8100B	.39
MG-234	8125N	Tip Nuts with Tip for 8200, 8100B	.39
MD-800	7135	Copper Tip, pkg. of 2, for WS-100, WD-135, S-400, D-440, 8100	.25
MG-235	7135N	Tip Nuts with Tip for WS-100, WD-135, S-400, D-440, 8100	.25
MD-801	7250	Copper Tip, pkg. of 2, for WS-200, WD-250, S-500, D-550, 8250A	.35
MG-236	7250N	Tip Nuts with Tip for WS-200, WD-250, S-500, D-550, 8250A	.35
MD-821	7550	Plated Tip, pkg. of 2, for WS-200, WD-250, S-500, D-550, 8250A	.49
MD-796	6110	Cutting Tip for WS-100, WD-135, S-400, D-440, 8100, 8200, 8100B	.35
MD-797	6120	Smoothing Tip for WS-100, WD-135, S-400, D-440, 8100, 8200, 8100B	.35
MD-798	6130	Cutting Tip for WS-200, WD-250, S-500, D-550, 8250A	.35
MD-799	6140	Smoothing Tip for WS-200, WD-250, S-500, D-550, 8250A	.35
MD-818	7323	Switch for all Single-Heat Models	1.22
MD-819	7324	Switch for all Dual-Heat Models	1.37

30-WATT INDUSTRIAL SOLDERING PENCIL



NEW!
179

- Built for Continuous Duty
- Lightweight—A Mere 2 Oz.
- Perfectly Balanced—No Fatigue!
- Exceptionally Cool Running!

Designed specifically for industrial use. Maximum wattage in the lightest-smallest-coolest 30-watt iron available. Nine inches long—weighing a mere 2 oz. less the cord—for reaching easily into "parts-packed" chassis. Far cooler in operation than any other 30-watt pencil type iron. Especially suited for precision electronic wiring, small metal parts, jewelry, lights, electrical work, toys, etc. Element of high quality nichrome wire, precision wound on a "double" mica base. Highly stable heating characteristics assure long life and safety in use on precision circuitry. Replaceable screw-in, nickel-plated copper tip. 110-120 v AC/DC. Shpg. wt., 8 oz.

MD-475 Imported Net 1.79
MD-476 Replacement Tip Net .20

WEN "100K" GUN KIT



- Light Weight—Only 19 Oz.!
- Extra Slim—Only 1 1/4"!
- Fast Heat Soldering Temperature in 2 1/2 Sec.!

Most efficient transformer-type gun on the market. Only 19 ounces in weight, yet develops full 100 watts of power in just 2 1/2 seconds. Body is gleaming jet black. Replaceable extra long steel-nosed tip. Built-in spotlight. Kit includes an extra plastic tile cutting tip and 5 feet of rosin core solder. For 110-120 volts, 60 cps AC. Shpg. wt., 2 1/2 lbs.

MD-851 Net ea. 5.83
Lots of 3 each 5.19
MD-550 No. 100 Gun only Net 4.66
Lots of 3 each 4.37
MD-551 Tip for Gun Net .34

NEW! WELLER W-P "PENCIL" SOLDERING IRON



Low-cost, lightweight soldering iron especially designed for miniature type soldering, kit building and production line work. Rated at 25 watts, it is extremely efficient and ruggedly constructed. Impact-resistant plastic handle remains cool during operation. For 110-120 volts, 60 cps AC. Complete with tip and 2-wire power cord. Shpg. wt., 4 oz.

Stock No.	Mfg.	Description	1-11	12-49	50-up
MG-280	W-P	Iron, 1/8" tip and cord	3.82	3.45	3.15
MG-281	ST-1	3/4" Screwdriver Tip	.56	.50	.45
MG-282	ST-2	3/8" Screwdriver Tip	.56	.50	.45
MG-283	ST-3	1/8" Screwdriver Tip	.56	.50	.45

WELLER MAGNASTAT SOLDERING IRONS



New Magnastat temperature control in tip prevents overheating—constantly maintains proper soldering temperature. Result—more reliable soldering. Less down time, too, because tip redressing is minimized. All magnastat soldering irons are guaranteed against defects in material and workmanship. Complete with tip and two-wire cord. For 110-120 volts, 60 cps. AC. Avg. shpg. wt., 12 oz.

Stock No.	Type No.	Watts	Net ea.	Lots of
MD-808	TC552 Std.	55	6.61	5.88 5.29
MD-809	TC602 Std.	60	7.35	6.54 5.88
MG-237	TC1202 Std.	120	8.46	7.52 6.76

INTERCHANGEABLE LINE CORDS FOR MAGNASTAT IRONS

Converts irons from standard two-wire ground to industrial three-wire ground. Shpg. wt., 5 oz.

MG-238 For Models TC552, TC602 Net 1.47
MG-239 For Model TC1202 Net 1.47

REPLACEMENT MAGNA STAT TIPS

Stock No.	Type No.	For Iron	Size	Net ea.
MD-813	5-C1N-750°F	TC552	1/8"	.56
MD-814	6-E1N-750°F	TC602	1/4"	1.12
MD-815	12-G4N-750°F	TC1202	3/8"	1.49

ORYX SOLDERING TWEEZERS



- Separate Heating Elements

Separate 6-watt, long-life heating elements in each arm with 1/8" diameter tips of a nickel-plated copper alloy. Tweezer finger pressure against the point insures rapid heat conduction. Shpg. wt., 4 oz.

MD-547 TW-6 6-Watt AC/DC Net 14.65
MD-548 TW-12 12-Watt AC/DC Net 14.65

ORYX MINIATURE IRONS



- World's Lightest—Only 1/4 Ounce!
- Incomparable for Transistor Work!
- Only 6" Long!

Heats in 30 seconds—long life—low voltage element. Prevents damage to small assemblies—pin point heat concentration. Sturdy no ceramic or mica formers. Operates from any 6-volt source—including dry cells, wet cells, filament or step-down transformer. Shpg. wt., 4 oz.

Stock No.	Type	Watts	Tip	1-11	12 or More
MD-530	6	6	Fixed	5.34	4.85
MD-531	6A	6	B	5.34	4.85
MD-532	9-6	8.3	A	5.34	4.85
MD-533	11*	10	D	6.81	6.32
MD-534	12-6	12	C	5.34	4.85
MD-535	12-6†	18	F, G	7.34	6.91
MD-536	25-12†	25	G, H	7.84	7.40

* Develops 800° F.
† Develops 1000° F., uses 12-volt source.

Replacement Tips

Type marked * are solid nickel others are nickel-plated copper.

Stock No.	Type	Size	For Model	Net
MD-537	A	3/32"	6A, 9-6	.49
MD-538	B	1/16"	6A, 9-6	.49
MD-539	C	3/32"	12-6	.49
MD-540	D*	3/32"	12-6	1.76
MD-541	E*	3/32"	12-6	1.76
MD-542	F*	3/32"	18	1.22
MD-543	G*	3/32"	18-25	1.81
MD-544	H	1/4"	25	2.30

ORYX TRANSFORMERS

MD-545	Type 54203	6-Volt	Net 5.39
MD-546	Type 5420	12-Volt	Net 6.32

• • • SOLDERING IRONS AND ACCESSORIES • • •

AMERICAN BEAUTY IRONS



MODEL 3138—100 Watt (A)

America's most famous iron for those who want the best. Heavily chrome plated and polished metal parts. Cooling baffle, with stand, 6 ft. cord and 3/8" tip. Length 12 7/8".

MD-556 Shpg. wt., 2 1/4 lbs. 7.70
MD-567 No. 3738 Extra 3/8" tip wt., 3 oz. .46

MODEL 3128—60 Watt

Light duty model with 1/4" tip. With cord and stand.
HD-568 Shpg. wt., 1 lb. 5.04
HD-569 No. 3728 Extra 1/4" tip wt., 3 oz. .33

UNGAR ELECTRIC PENCIL SET

MODEL 217

One complete set for home craftsmen and hobbyists. Set contains six interchangeable tips; four for burning and embossing of wood, plastic, leather, cork, etc., and two for soldering. Five sheets of embossing foil, abrasive cloth, complete set of instructions for working wood, plastic, leather and cork. Illustrated catalog of plaques and projects. Heating unit is UL approved and guaranteed for 10,000 hours. Shpg. wt., 1 lb. 2.65

HAND VISE

.59

The only practical way to grip and hold small parts and pieces. 1 1/4" die cast jaws open to 7/8". Mounted on a 4" comfortable ferruled wooden handle. Holds work for drilling, marking, filing, sawing, etc. Endless uses in shop and handwork. Shpg. wt. 1 lb. Net .59

PIN VISE

.65

Has standard 1/4" chuck with 3 hardened jaws. Chuck opening from 0" to 1/4". Set on "easy-grip" ferruled wood handle 4" long. Holds small drills, reamers, screw bits, files, etc. A "natural" for the hobbyist and craftsman. Shpg. wt., 1/2 lb. Net .65

PRECISION DOUBLE-END PIN VISE

- Quality Hardened Steel
- Precision Accuracy
- Knurled Chucks, Grooved Handle

Double-end pin vise. Chuck opening of 1.2 to 2.5 m/m; jaw opening of D to 1.4 m/m. Non-slip grooved handle, knurled chucks. Shpg. wt., 4 ozs. Net 1.29

ERSIN Multicore Solder

Maximum flux action at correct solder melting point. Fast melting, non-corrosive, non-sticky, non-toxic. 5-core construction insures constant flux. Has excellent cleansing action. 40% tin, 60% lead. No. 16 gauge.

HD-585 1 lb. spool 1.65

HD-586 7 lb. spool 11.55

Ersin Multicore 60/40 Solder 60% tin, 40% lead. #16 gauge. Net 2.07

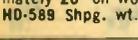
HD-587 1 lb. spool Net 14.49

Ersin Multicore 6040 Solder #18 gauge. Net 2.12

HD-183 1 lb. spool Net 14.84

HD-184 7 lb. spool Net 14.84

SERVICE PACK: 18 Gauge 60/40 5 core solder. Approximately 20' on wooden spool. ERSIN 6018. Net .49



"SAL-MET" FLUX

- Non-corrosive

A non-corrosive flux that will solder all metals cleanly and permanently—copper to aluminum; aluminum to aluminum, copper to steel, etc. No special treatment of metal required. Packed in 1 oz. tubes. Net .72

HD-427

AUTOMATIC SOLDERING IRON



Only

4.99

- Feeds Solder Automatically
- Easy, One-Hand Operation
- Lightweight and Durable

Features automatic feeding of solder—gives you a "3rd hand." Tip AND solder are placed at exact spot needed. Any required quantity of solder can be automatically fed to the soldering tip by adjusting the feed roller. Tip is made of special alloy for longer service life. Use with standard solder or with special spool listed below. Rated at 30 watts. Operates on 117 volts AC. Shpg. wt., 2 lbs. Imported.

MG-218 Net 4.99
MG-219 Extra Tip for MG-218 Net .35

SPECIAL SOLDERING KIT



The "Mighty Mite" soldering kit—does the work of many larger irons. Includes 35 watt iron—steel scraper—spool of solder—iron stand—sandpaper—soldering instructions and data. Shpg. wt., 1 lb. Net 1.10

MD-198

BEAU-TECH SOLDERING AIDS



- No-Slip Handles
- Straight or Angled Tips

Non-slipping, non-rolling "hex" handles. Twist-proof, hard-chrome plated tips to shed solder with both ends insulated from one another. Straight or angled tips for hard-to-reach areas; spade end for scraping joints, connections or reaming out lug holes. Shpg. wt., 4 oz.

Net Each
1-9 100-up

MG-90 Printed Circuit-Straight Tip	.62	.58
HD-91 Printed Circuit-Angled Tip	.62	.56
MG-92 Printed Circuit-Scraper Tip	.62	.56
HD-36 Straight Tip	.75	.68
RD-177 Angled Tip	.75	.68

KESTER SOLDER AND FLUX



Uniform compound of 40% tin and 60% lead with evenly distributed and free-flowing flux.

HD-572 Resin core 3/32" Dia.—3 oz. Tin	Net .20
HD-573 Resin core 3/32" Dia.—1 lb. Sp.	Net 1.21
HD-574 Resin core 3/32" Dia.—5 lb. Sp.	Net 5.85
HD-575 Resin core 1/16" Dia.—1 lb. Sp.	Net 1.24
HD-576 Resin core 1/16" Dia.—5 lb. Sp.	Net 6.00
HD-577 Acid core 1/8" Dia.—3 oz. Tin	Net .20
HD-578 Acid core 1/8" Dia.—1 lb. Sp.	Net 1.21
HD-579 Acid core 1/8" Dia.—5 lb. Sp.	Net 5.85

KESTER RESIN-FIVE SOLDER

Very active resin core flux. Non-corrosive and non-conductive. Easily solders zinc, brass, nickel plate and ferrous metals.

HD-580 3/32" Dia.—1 lb. Sp.	Net 1.21
HD-581 3/32" Dia.—5 lb. Sp.	Net 5.85
HD-582 1/16" Dia.—1 lb. Sp.	Net 1.24
HD-583 1/16" Dia.—5 lb. Sp.	Net 6.00

KESTER PASTE FLUX

HD-584 Non-Corrosive 2 oz. Net .12

1-LB. ROSIN CORE SOLDER



Coiled on metal spool. Standard 40/60 quality—ideal for home or shop use. Shpg. wt., 1 1/2 lbs. Net .99

HD-917

WALL PENCIL IRONS



THERMOSTATIC BRAIN

Built to take "production-line punishment." Quick heating—thermostatic action prevents tip burning. Draws heaviest current to heat—drops to idle current when taken from work. 18HD, industrial type. 25 watts. Weighs only 1 oz. 14T has range of 125 to 40 watts, weighs only 1 1/2 oz. Shpg. wt., 8 oz.

HD-585 18HD 1/8" tip Net 6.65
HD-586 14T 1/4" tip Net 6.83
HD-587 Tip for 18HD wt., 2 oz. Net .20
HD-588 Tip for 14T wt., 2 oz. Net .29

LENK LP TORCH MODEL 295LP



16 Oz. Fuel Container

- Solders
- Removes paint

An all purpose liquefied petroleum torch. Does regular soldering—sweat fittings—silver soldering—removes finishes, paints and putty. Self sealing valve permits safe removal of torch head. Lights instantly—no priming, no waiting. Clean—sootless—odorless flame. More than 2200° F. Shpg. wt., 1 1/2 lbs.

HD-564 Net 2.47
REPLACEMENT FUEL TANK—for all Lenk LP Torches. Shpg. wt., 1 lb. Net .73

SPYRALINE SOLDER



- 60% TIN — 40% LEAD

11 ft. of high quality, 3/64" 60/40 activated rosin core solder in handy dispenser. Container is non-inflammable—affords insulation when working a "hot" circuit. Eliminates waste—pull out only what you need. Keeps solder clean and unsnarled. Shpg. wt., 1/2 lb. Pkg. of 3 1.32

SPYRALINE PRINTED CIRCUIT TOUCH UP SOLDER designed for a fast bond without overheating. Melting range of 240°-320° F; for low wattage soldering iron. Safe for silver ceramics and transistors. Shpg. wt., 1/2 lb. Net .82, ea. Pkg. of 3 1.60

PRINT-KOTE SOLDER, Non-corrosive flux with low melting solder combined with pure silver, 2 oz. coil. Shpg. wt., 4 ozs. Net .57

P-312 GC-9131 Net 2.42

PRINT-KOTE SILVER PRINT. Pure silver compound. Air drying. Used to repair printed circuit "wires" and touch up connections. 1/2 Troy oz. Net 2.42

P-313 GC-21-1 Shpg. wt., 4 oz. Net 2.42

JET KING Blow Torch Kit



- Pencil Sized—3500° Heat
- Solders—Brazes—Solders Paint and Putty
- New Soldering Tip

Extremely useful—highly efficient—miniature blow torch. High heat, 3500°, pin point flame. Less than 7" long from end to end. Charged by a butane cartridge which gives 30 minutes of continuous service. May be turned on or off at any time. Entire unit weighs approx. 4 oz. Economical throw-away cartridges can be stored indefinitely. Ideal for repairs on wiring—radio—TV installations—appliances—pipes and plumbing. Complete with 3 chargers, soldering tip and coil of rosin core solder. Net 2.85

HD-315 Shpg. wt., 1 lb. Net 1.69

HD-226 Extra only, w/1 charger, wt. 12 ozs. Net .39

HD-227 Torch chargers, Pkg. of 2, wt. 8 ozs. Net .39

CHEMALLOY FLUXLESS ALUMINUM SOLDER



New, Improved, fluxless aluminum solder will solder, braze, or weld aluminum, zinc, potmetals, copper, brass, galvanized metals, aluminumized—copperized—tinned surfaces. Solders and "flns" die cast parts. Net .59

HD-559 4 oz. Bar, 500° Net .59

HD-560 4 oz. Bar, 800° Net 1.59

HD-561 1 lb. Bulk, 500° Net 1.59

PRECISION TOOLS FOR INDUSTRY

CONTOURED SANDER KIT

For Precision Sanding In

- Metal
- Plastic
- Wood

This useful new kit is sturdily constructed of aluminum and offers fine separate scientifically designed sanding bases and interchangeable grip-tight handles. Kit includes an assortment of pre-cut sheets of plastic backed sandpaper. Excellent for the hobbyist, do-it-yourself fan, and industry. Shpg. wt., 1/2 lb. HG-304 Net 3.48



All purpose POCKET KNIFE

.88

Extremely handy and completely safe pocket knife. When not in use, blade slides into handle to facilitate easy withdrawal and positive cutting action. Shpg. wt., 4 oz. HG-306 Net .88



KNIFE CHEST

397

Handy knife chest comes complete with X-Acto nos. 1, 2, and 5 knives plus 9 assorted extra blades. Chest has a natural wood finish. Shpg. wt., 1 lb. HG-308 Net 3.97



RAZOR SAW BLADES

Razor saws for fine and accurate cross-cutting, trimming and notching of metal, wood and plastic. When mounted in handle, blade with angled shank provides longer tool reach and prevents barking of knuckles (overall length of 9 1/2"). Shpg. wt., 2 oz. HG-302 #34, 3/4" wide Net ea. .35
HG-303 #35, 1" wide Net ea. .39



PORTABLE ILLUMINATED MAGNIFIER

- EXTREMELY BRIGHT FIELD
- 5X MAGNIFICATION
- COMPOUND LENS TYPE
- 2" FIELD!

295

A fine, fixed-focus illuminated magnifier—magnifies work 5 times. Field of vision is 2" at 1 1/4" working distance. Magnified area easily accessible through cut out. Invaluable in hobbies such as stamp or coin collecting, photography, entomology—mineralogy, etc. Excellent map reader. Completely portable—uses two No. 2 cells for power. Weight 3/4 lb. Length 8 1/2" overall. Shpg. wt., 1 1/2 lbs. Imported Net 2.95
F-193 BA-157 Battery (2 required) Net ea. .13



3 1/2" STAND MAGNIFIER

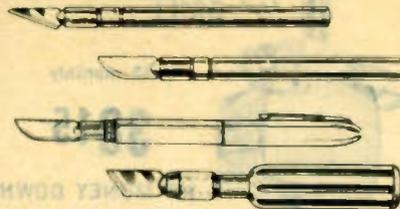
- Free Use of Both Hands
- Broad, Flat Field
- Legs Fold for Compact Storage

366

Allows free use of both hands—ideal for close tolerance work by engravers, watchmakers, etc. The crystal-clear cross cylinder, magnifying lens rotates a full 360°. The large, colorless, 3 1/2 x 1 3/4" lens mounts in a chromed brass stand. Legs fold for storage. Shpg. wt., 1/2 lb. F-551 Folding Magnifier Imported Net 3.66



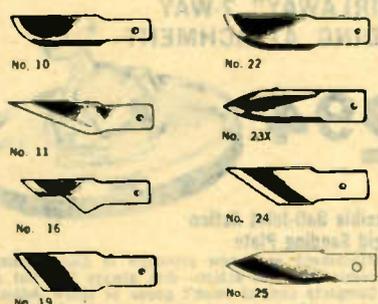
x-acto PRECISION TOOLS



These X-ACTO interchangeable-blade, precision knives are ideally suited for carving, cutting, etching, hollowing, scribing, stripping, trimming, etc. Constructed of heavy-duty handles for rugged, trouble-free service. Avg. shpg. wt., 2 oz.

- No. 1 Knife—for light to medium work. Aluminum handle (5" long, 3/8" dia.) complete with No. 11 blade. HG-290 (#1) Net ea. .53
- No. 2 Knife—for medium to heavy work. Aluminum handle (5" long, 3/8" dia.) complete with No. 22 blade. HG-291 (#2) Net ea. .67
- No. 37 Pen-Knife—Clips to pocket. Complete with No. 10 blade. Length closed—4 1/2". Also accommodates No. 11 and 16 blades. HG-292 (#37) Net ea. .88
- No. 5 Knife—for heavy work. Plastic handle with metal blade lock (4 3/4" long), complete with No. 19 blade. HG-293 (#5) Net ea. 1.06

x-acto PRECISION BLADES



Replacement blades that fit all X-ACTO tools listed above. Avg. shp. wt., 2 oz.

- No. 10 for small, fine general cutting or carving. HG-294 #10, pkg. of 5 Net .52
- No. 11 for fine angle cutting; deep cuts, narrow spots. HG-295 #11, pkg. of 5 Net .53
- No. 16 for small holes, notches, stencils-in thin materials. HG-296 #16, pkg. of 5 Net .53
- No. 19 Broad blade for light chiseling, rough shaping. HG-297 #19, pkg. of 5 Net .53
- No. 22 for long cuts, close corner cutting, whittling. HG-298 #22, pkg. of 5 Net .53
- No. 23X Double-edged for close quarters, angled corners. HG-299 #23X, pkg. of 5 Net .67
- No. 24 for close corner cuts; templates, mats, trimming. HG-300 #24, pkg. of 5 Net .53
- No. 25 for general carving, whittling, heavy cutting. HG-301 #25, pkg. of 5 Net .53

NEW x-acto SOLDERING AID KIT

- Hard Chrome-Plated Steel

Contains five tools and a universal, double-chuck handle—all in an always handy, see-through carrying case. Individual tools can be quickly replaced as needed. All tools are made of hard chrome-plated steel, to which solder will not adhere. The hex-shaped, double-chuck handle is rugged and comfortable to use. Shpg. wt., 1/2 lb. HG-305 Net 2.65



LOCK-GRIPLIER 245

Specially designed as a multiple-service tool for small assembly work; picks up and securely holds small parts for soldering or other operations. By pushing the locking key forward, the jaws are automatically locked. Ruggedly constructed of metal with case-hardened steel jaws. Overall length is 5 1/4". Shpg. wt., 1/2 lb. HG-307 Net 2.45



WOODCARVING SET

318

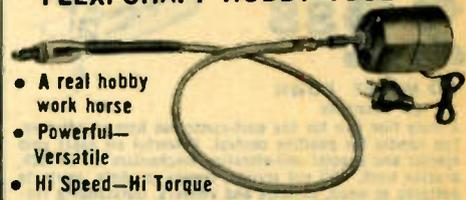
Comes in useful vizi-dome container that lets you see where your tools are. 6 gauge blades, 4 regular blades, 2-3 inch blades, No. 5 knife handle (takes all blades). Shpg. wt., 1/2 lb. HG-309 Net 3.18



FLEXI-SHAFT HOBBY TOOL

- A real hobby work horse
- Powerful—Versatile
- Hi Speed—Hi Torque

Flexible shaft and motor combination to do all your hobby grinding—polishing—drilling—sawing—buffing—etching—engraving—routing—carving. Musky, 1 amp motor delivers plenty of power for hard, continuous use. Will not stall under normal usage. Lightweight finger tip control—for intricate hobby work. 36", easily handled, shaft is a sealed tamper proof unit. Will not heat up under prolonged use. Chuck accommodates standard 3/32 and 1/8 inch tool shanks. For use on wood—metals—glass and plastics. 110/120V. AC or DC. Shpg. wt., 3 lbs. HD-849 Net 6.60



6-PC. MOUNTED STONE SET

- Ideal Accessory For The Flexi-Shaft Tool

Six assorted grinding stones and wheels. Selected set of mounted grinding points, stones, wheels. For carving—routing—grinding—sharpening—de-burring—sawing—buffing—polishing. Mounted on 1/8" and 3/32" OD shafts. Shpg. wt., 8 oz. HD-920 Net 1.20



DREMEL MOTO-TOOL KIT



Designed for light grinding, polishing, drilling, carving, sanding, sawing, engraving, routing, etc. Handles as easily as a pencil. Does fine detail work with pinpoint accuracy. Ideal in shop, industry, lab, hobby, model making, home work shop, etc. Automatic chuck lock—oil-less bearings—bakelite housing. Works in wood—metal—plastics—glass—leathers—etc. Includes steel cutters, emery wheels, drum sander, mandrels, brushes, cut-off wheels, polishing wheels, dressingstone, polishing and sanding accessories, etc. All in steel case, 110-120V. AC/DC. Shpg. wt., 5 lbs. HD-292 Net 19.13

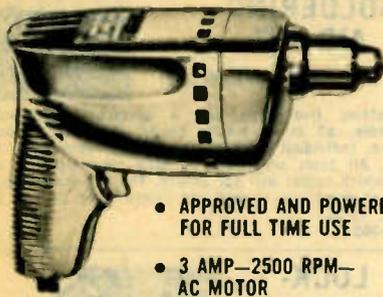


"LITTLE SMITH" ANVIL

The perfect companion for the hobbyist-tinkerer-model maker—or just plain foolin' around. Measures only 4 1/2 x 2 1/4 x 2 1/4" overall. Rugged enough for heavy pounding—sized right for home or hobby. Makes a perfect paper weight for the craftsman's bench or desk. Imported HD-460 Shpg. wt., 2 lbs. Net .98

STANLEY POWER TOOLS

Stanley 1/4" Power Drill



- APPROVED AND POWERED FOR FULL TIME USE
- 3 AMP—2500 RPM—AC MOTOR
- PRECISION GEARED CHUCK

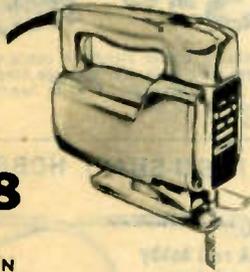
1350

The perfect drill for use with drill attachments. Designed for continuous duty—ease of maintenance. Advanced styling for comfort and balance. Dependable bronze bearings—extra long brush life. 2500 RPM no-load speed. 1600 RPM under full load. Capacity 1/4" in steel, 1/2" in hardwood. Trigger switch with locking pin for intermittent or continuous run. Accurately machined precision gears. High speed airflow ventilation. 8 3/4" overall length. Weighs only 3 1/4 lbs. 3 Amps, 115v. AC only. Shpg. wt., 4 1/2 lbs.

MD-702 Net 13.50

STANLEY SABRE SAW MODEL H-452

- Exclusive Flush Cutting
- Two-Position Stationary Base
- Quick Blade Change



Only **2288**

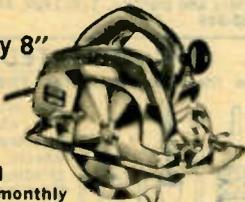
NO MONEY DOWN \$5 monthly

A truly fine saw for the cost-conscious home craftsman. Top handle for positive control. Powerful air blast chip ejector and special anti-vibration mechanism for smooth, precise work. Will cut scrolls, curves, pockets, intricate patterns in wood, plastics and veneers. Outstanding features include exclusive flush cutting, 2-position stationary base, precision sleeve bearings and cool comfortable switch handle. Easy handling-out of way cord. Exclusive "window" brush holders permit instant check and replacement of brushes. Quick blade change... only one slotted chuck screw. Maximum cut 2 3/4". 115-125V A.C., 230V A.C., D.C. HG-163 Shpg. wt., 5 1/2 lbs. Net 22.88

STANLEY Extra Heavy-Duty 8" BUILDERS SAW

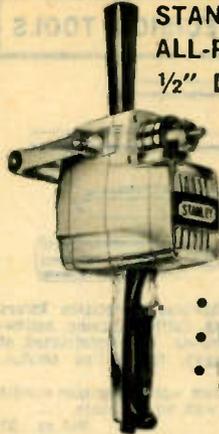
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- 8" Blade \$5 monthly
- Universal motor—operates on DC or AC



A powerful heavy-duty saw that is a real workhorse. Exclusive blade mounting protects motor against damage when blade hits knots or nails. Has new locking lever for fast, easy depth adjustment. Tru-view window for clear view of cut—exclusive Notch-line guide for 45° and 90° cuts. Rear position control panel—big knobs for depth or bevel adjust. Handle directly over saw center-of-gravity for perfect control. Precision self-lubricating ball and needle bearings. Motor draws 13 amps. Cutting capacity 0"-2 7/8" at 90°, 1/4"-2 1/4" at 45° No-load speed 5000 RPM. With combination Rip and cross cut 8"x 3/4" blade. For 110-120 volt DC or AC, 60 cycles or less. HG-165 Shpg. wt., 22 lbs. Net 69.65

STANLEY Heavy-Duty ALL-PURPOSE 1/2" DRILL



\$5 monthly

3815

NO MONEY DOWN

- 1/2 H.P. MOTOR 3.5 AMPS
- NEW COMPACT DESIGN
- MORE POWER - TORQUE VERSATILITY

A new all-purpose drill combining greater power, advanced engineering and compact design. Powerful 1/2 H.P. 3.5amp. motor with ball and bronze bearings has 1/2" capacity in steel. Design features include special ribbed front housing and neoprene bumper for extra shock-protection; exclusive "window" brush-holders for constant checking of brush wear; 2 handles—removable auxiliary aluminum handle can be mounted in 3 different positions, plus a removable spade handle. A compact 5 3/4" from chuck to rear housing to fit in the smallest areas. 115V, AC. Shpg. wt., 10 lbs. MD-661 Net 38.15

STANLEY "SWIRLAWAY" 2-WAY SANDING ATTACHMENT

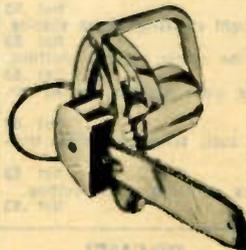
294



- Flexible Ball-Joint Action
- Rigid Sanding Plate

Drill attachment uses new principle in disc sanding. Has flexible ball-joint action—disc always lies flat on work. Complete control—won't gouge or score. Adjusts to standard plate in seconds. Complete with 3 abrasive discs (coarse, medium, fine). Shpg. wt., 1 lb. HG-164 Net 29.4

NEW! 10-INCH ELECTRIC 1 3/4 h.p. CHAIN SAW



- Bore Cuts in Walls
- Draws 8 Amps

5495

NO MONEY DOWN \$5 monthly

- Pruning-Trimming-Felling Small Trees
- Cuts Cord Wood-Joists-Heavy Beams

A powerful, top-quality portable chain saw designed for professional or industrial use. This rugged, multi-purpose tool will also do dozens of jobs for the home craftsman, carpenter, contractor or on the farm. Positive chain adjustment eliminates slack. Chain travels at 1300 feet per minute for fast, true cuts up to 10 inches deep. Cool-running, quiet helical cut gears in a sealed grease chamber. Self lubricating bearings. Beautifully balanced, weighs only 12 lbs. Motor develops 1 3/4 hp., 8.0 amps. 115V. 25-60 cy., AC/DC. 3-wire, 6-ft. cord. Shpg. wt., 14 lbs. HG-181 Net 54.95
EL-108-25 ft., 3-wire ext. cord Net 2.13
EL-109-50 ft., 3-wire ext. cord Net 3.51
EL-110-100 ft., 3-wire ext. cord. Net 6.41

STANLEY Heavy-Duty ROUTER



- HIGH SPEED PRODUCTION ROUTER
- 7/8 HORSEPOWER
- 23,000 RPM MOTOR
- BUILT-IN SPOTLIGHT
- MICROMETER DEPTH ADJUST—TO 4/1000"
- AUTOMATIC SHAFT LOCK—NEEDS ONLY 1 WRENCH

4897 NO MONEY DOWN \$5 monthly

An advanced router design which features excellent balance and control. This tool provides both outstanding safety and fine performance. Cuts dovetails—dadoes—tenons—mortises—rabbets—beading—molding—joints—grooves—decorative cuts—inlays—cuts soft metals. Built in spotlight increases brightness as work load increases. Recessed switch automatically locks shaft when changing bits. Precision router-depth adjustment as fine as .004 Inch. Cantilevered base and advanced design grips for stability and balance. Clamping lever holds or releases motor with a flip. 6 amp., 23,000 RPM, 115v, AC/DC. Shpg. wt., 9 1/2 lbs. MD-700 Net 48.97

Basic Bit Kit: Includes three most useful router bits 1/4" straight, 3/8" rounding over, 3/8" V grooving. Also includes a Silicon Carbide hone to keep cutting edges keen. Shpg. wt., 1/2 lb. MD-709 Net 6.97

Stanley Heavy-Duty Builders Saw

- 1 1/4 H.P. MOTOR
- SELF-LUBRICATING BALL AND BRONZE BEARINGS \$5 monthly

• 9 AMPS—5000 RPM



3115

NO MONEY DOWN

Power-packed 9 amp motor provides high cutting force. Wrought steel base is connected to motor housing by spring steel beam. Rear position control panel. Rear-position wing-nuts for depth and bevel adjust. "Free Start" ball bearing guard—moves at slightest pressure. Big "window" for wide open view of cut. "Motor Saver" drive protects motor against damage when blade cuts nails or knots. Weighs only 9 3/4 lbs. Cuts 3/4" to 2" at 45°, 3/4" to 2 1/4" at 90°. Blade size 7x 3/8". 5000 RPM no load speed. Ball and bronze bearings. 9.5 amps, 115 volts AC Shpg. wt., 13 1/2 lbs. MD-938 Net 31.15

STANLEY Heavy-Duty BELT SANDER

4897

NO MONEY DOWN \$5 monthly

- Positive Drive! No Slipping!
- With Gear Tooth Drive Belts

Heavy-duty sander for use on wood, metal or plastics. Removes old paint, varnish, etc. Can also be placed upside down on bench—lets you use both hands to sand small pieces fast. Easy tracking adjustment, quick belt changing, out-of-way cord. Air-cooled motor has sealed ball bearings. Special carbide protective strip to prevent belt cutting into housing. Belt size 3"x21". Motor develops 1/2 HP, draws 5 1/2 amps. Speed: no load 875 RPM, full load 750 RPM. Takes belts up to 1/2" thick. Vacuum attachment for dustless sanding. For 110-120 volts AC. Shpg. wt., 12 lbs. HG-166 Net 48.97

THOR

Every tool UL Industrially Rated, CSA Approved and Features "The Motor That Won't Burn Out." A fine selection of famous Thor-Speedway power tools at Lafayette's low prices. Start your own workshop or add to your present one.

NEW!
THERMOWELD Motor
WON'T BURN OUT!

SpeedWay

SPEEDWAY 1/4" DRILL



966

- Self-Oiling Bronze Bearings

A value-packed 1/4" drill with a universal series-wound motor that won't burn out. Special alloy self-oiling bronze bearings. 1/4" capacity in steel, 1/2" in wood. 2.5 amp 115V AC motor has no-load speed of 2400 rpm, full-load of 1500 rpm. Precision geared chuck. Momentary contact switch with locking pin. Gleaming hi-polish finish. 6-ft., 3-wire cord. Entire tool UL industrially rated and CSA approved. Shpg. wt., 5 lbs. HG-93 Net 9.66

SPEEDWAY 3/8" ELECTRIC DRILL



1099

- Powerful 2.5-Amp Motor—that Won't Burn Out!

Get the balance and feel of a 1/4 in. drill—with the power and work capacity of a husky 3/8th. Industrially rated to handle really rugged work. Special bronze alloy bearings. Precision-gearred chuck and key. No-load speed 1750 rpm, full-load about 1150 rpm. Locking trigger switch. Cast aluminum alloy housing. 6-ft. 3-wire cord and plug. UL and CSA approved. 115V., 25-60 cps AC. Shpg. wt., 5 lbs. HG-188 Net 10.99

SPEEDWAY 1/2" ELECTRIC DRILL



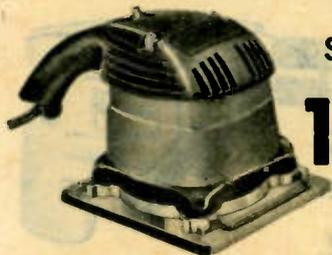
2133

NO MONEY DOWN

- Powerful 4.0-Amp Rating

This high power 1/2" Drill in the low price field is built to professional standards throughout. Features safety switch with push-button lock and removable top handle. The rear grip handle can be revolved to vertical or horizontal position. Specifications: 1/2" capacity in steel; 1" capacity in wood; 4.0-amp rating; 400 r.p.m. full-load speed; 1 3/4" spindle offset. Universal series-wound AC-DC motor for 115 volts. Complete with 10 feet 3-wire, type SJ, UL approved lead cord; and 31-jaw geared chuck with key. Overall length with rear handle is 14 1/2" Shpg. wt., 14 lbs. HD-999 \$5 monthly Net 21.33

SPEEDWAY ORBITAL POWER SANDER



1099

- Ball and Bronze Bearings Throughout

Motor-driven power sander for home and shop use. Ideal for rough or finish sanding. Lightweight and easy to handle, it produces perfect finishes every time. Uses 2-pole induction-type burnout-proof motor rated at 1.8 amps. No-load speed is 3450 rpm; push-button switch. Special alloy self-oiling bronze bearings; teflon coated thrust washer and ball bearing on sander drive plate. Sanding area 4 1/2 x 5 1/4". Sturdy cast aluminum alloy housings with attractive metallic finish and black crackle trim. 6-ft. 3-wire cord. For 115 volts, 60 cps AC only. Shpg. wt., 6 lbs. HG-170 Net 10.99

HD-865 Lambswool Polishing Pad Net .79
HD-866 18 Sheets Assorted Sandpaper Net .98

THOR E-100 COMPACT 1/4" ELECTRIC DRILL

NO MONEY DOWN

2925

- Sensationally Small—Only Half The Size of Conventional Drill
- Diode Input Circuit
- Stator Guaranteed for Life

The compactness of the new Thor Compact Drill comes from a completely new approach to electric drill design. Built-in diode rectifier feeds only DC to the motor, which, because of its unique construction, is rated without qualification as the most efficient electric motor ever built into a portable electric tool. Uses a permanent magnet solid stator (no wire windings) which is guaranteed for life. Capacity 1/4" in steel, 1/2" in hardwood. Free speed 1250 rpm. Spindle offset 1/2". Supplied complete with 3-jaw geared chuck and key, 3-cond. cord with 3-prong grounding plug. For 115 volts, 25-60 cps AC only. Overall length 6 3/4". Shpg. wt., 2 lbs. HG-120 \$5 monthly Net 29.25



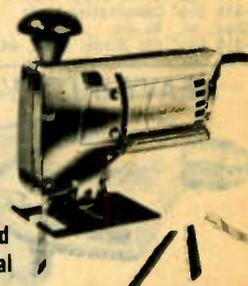
SPEEDWAY JIG SAW

1388

- With 3 Assorted Wood and Metal Cutting Blades

Enjoy new versatility sawing curves, scrolls, straight and rip cuts. Powerful 3-amp motor cuts 2" in wood, 1/2" in steel. Adjustable plate permits accurate angle cutting to 45° on either side—cuts 2x4's at 45°. No-load speed 3000 strokes per minute; AC/DC positive push-through switch; self-oiling bronze bearings. Auxiliary knob handle; rip guide; 3 blades. Base tilts to 45°. 6-ft., 3-wire cord. Standard 115V. Shpg. wt., 5 lbs. HG-96 Net 13.88

HD-439 Pkg. 5 Wood & Metal Cutting Blades Net .59



SPEEDWAY 4 1/2" BENCH GRINDER



1396

- Die-Cast Aluminum Housing

Ideal for sharpening all workshop, hobby and garden tools—drill bits, planes, knives, chisels, hoes, etc. Base equipped with rubber feet; drilled for bolting to bench or truck. Heavy-duty steel wheel guards; adjustable tool rests; built-in front water cooling tray; cast-in top parts tray; rear dust exhaust. Bronze alloy bearings. Two 4 1/2 x 1 1/2" wheels (one 40-grit, one 70-grit). 2.5-amp. 115V, 60-cycle AC motor; no-load speed 3450 rpm. 6-ft., 3-wire cord. Shpg. wt., 10 lbs. HG-95 Net 13.96

UNIVERSAL DRILL PRESS STAND



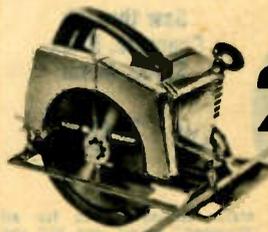
- ADJUSTABLE DEPTH STOP
- SPRING RETURN TENSION
- ADJUSTABLE CRADLE
- ADJUSTABLE DEPTH GAUGE DIAL

10.44

Can be used for any 1/4" pistol grip electric drill. Features rack and pinion gear feed, and adjustable depth stage. 15 to 1 leverage. Drill press head is clamped in rigid position. 2 1/4" stroke. Square base is provided with slots for drill bit and for bolting work to base. Other features include spring return tension, fast hand-action, head clamps and adjustable depth gauge dial. Shpg. wt., 6 lbs. HD-464 Net 10.44

SPEEDWAY 7" SAW

- Safety Slip Clutch



2188

NO MONEY DOWN

\$5 monthly

Ideal for construction work, farm and home. Features a burnout-proof armature. Powerful, safe 8-amp motor has no-load speed of 5000 rpm. Depth of cut 1/4" to 2 1/8"; at 45°, 1 3/4". With self-lubricating bronze bearings; rip guide; Safety slip clutch; 5/8" round arbor; combination blade; auxiliary knob handle. 6-ft., 3-wire cord. Hi-polish finish with black crackle trim. 115V, AC-DC. Shpg. wt., 15 lbs. HD-97 Net 21.88

SKIL POWER TOOLS



6 1/2" SKILSAW
3646
 No Money Down
 \$5 monthly
 • Over 1-HP Motor

- Burn-Out Protection

Top quality circular saw with full 6 1/2" hard-tooth combination blade. Cuts 2" dress lumber at 45° level — handles any job from minor home repairs to major remodeling projects. 1 hp motor with Burn-Out protection and rugged helical gearing. Has safety clutch, depth and bevel controls, sawdust ejection and blind-free lower blade guard. Depth of cut 3/4"-2 3/4" at 90°; 1 3/4" at 45°. No-load speed 6300 RPM, draws 9 amps. Supplied with blade, blade wrench, 3-wire cord and plug, 2-prong adaptor. U.L. Approved. For 110-120V AC or DC. Shpg. wt., 12 1/2 lbs. Net 36.46

ACCESSORIES FOR SKIL 6 1/2" SAW

- MG-316 Saw Carrying Case. Shpg. wt., 12 lbs. Net 11.95
- MG-317 Rip Fence. Shpg. wt., 4 oz. Net 1.95
- MG-318 6 1/2" Combination blade. Shpg. wt., 3/4 lbs. Net 2.33
- MG-319 6 1/2" Rip Blade. Shpg. wt., 3/4 lb. Net 2.33

HEAVY-DUTY 1/4" DRILL

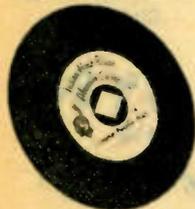


2797
 No Money Down
 \$5 monthly

- Ball-Bearing Construction
- Powerful—develops Jp to 1/4-HP

Heavy-duty drill develops up to 1/4-HP to handle toughest drilling jobs. Has 3 ball and 1 needle bearing construction—stands up under heavy loads, gives longer service-free operation. Precision helical gears, large cooling fan. Has trigger switch, lock pin. No-load speed 2500 RPM, 8 3/4" long. Complete with geared chuck and key, 3-wire cord and 3-prong plug with 2-prong adaptor. U.L. approved. For 110-120V AC or DC. Draws 3 amps. Shpg. wt., 4 lbs. Net 27.97

ABRASIVE CUT-OFF BLADES



Saw through Concrete, Brick, Stone, Metal
 as low as **188**

General purpose and metal cutting blades for all portable saws. Fit all "Diamond" arbors and 3/8" and 1/2" round arbors. Extra-bonded resinoid blades, arbors metal-reinforced—shatterproof. Will not burn or load. Cut smoothly.

GENERAL PURPOSE BLADES

- MG-329 6" Dia. Net 1.88
- MG-330 6 1/2" Dia. Net 1.95
- MG-331 7" Dia. Net 2.07
- MG-332 8" Dia. Net 2.25

FOR ALL TYPES METAL

- MG-333 6" Dia. Net 1.99
- MG-334 6 1/2" Dia. Net 2.07
- MG-335 7" Dia. Net 2.16
- MG-336 8" Dia. Net 2.37

SKIL RECIPRO SAW with 3 Blades

- Cuts anything from Thinnest Plastic Sheeting to 6" Logs
- Exclusive 3-Position Foot—Flush, Stationary, Rocking
- Exclusive 4-Position Blade

3695 No Money Down
 \$5 monthly



It's the brand new Skil Model 577 Recipro Saw — the amazing tool with a virtually unlimited cutting capacity... from 6" logs to the thinnest plastic sheeting. Cuts any material from soft wood to steel or plaster. Makes tough rip cuts, intricate scroll work, miter and bevel cuts, flush cuts without attachments, pocket cuts with its own starting hole, cross-cuts. Features Universal 3-amp motor with self-lubricating bearings; no load speed of 2000 strokes per minute. Stroke 3/4"; overall length 11 3/4". 3-wire cord with 3-prong and 2-prong adaptor. Double reduction gears; 3-position side handle, automatic blower, canted blade, etc. Complete with 3 blades (HD-784, HD-785, HD-786). UL approved, 115V, 60 cycle AC. Shpg. wt., 6 1/2 lbs. Net 36.95

ACCESSORY BLADES

STOCK NO.	TEETH PER IN.	LENGTH (IN.)	USE	NET EA.
HD-782	10	4	Metal cutting — ferrous 1/4" or thicker; non-ferrous 1/8" or thicker	.40
HD-783	10	8	rous 1/8" or thicker	.80
HD-784	6	4	Fast scroll cutting in wood.	.60
HD-785	8	4	Hollow ground for smooth wood cutting.	.67
HD-786	10	4	Multi-purpose — rough-in cuts in wood with nails, soft metals, under 1/2" thick	.20
HD-787	10	12	soft metals, under 1/2" thick	.47
HD-788	6	6	Plastic cutting or wood, building tile	.27

DELUXE 3/8" DRILL

- Durable-Reduction Gears \$5 monthly
- Removable Side Handle for Extra Control
- Powerful 3 amp Motor



2447
 NO MONEY DOWN

Reliable 3/8" drill with oversize fan for cool-running operation even during continuous use. Drills holes to 3/8" diameter in steel, 3/4" in wood. Side handle removable for use in tight spots. Powerful 3 amp motor provides high torque through double-reduction gears. No-load speed 1000 RPM. Geared chuck, trigger switch, lock pin. 9 3/4" long. With key, 3-wire cord and 3-prong plug with 2-prong adaptor. U.L. approved. For 110-120V AC or DC. Shpg. wt., 4 1/2 lbs. Net 24.47

SKIL SELF-FEEDING BITS



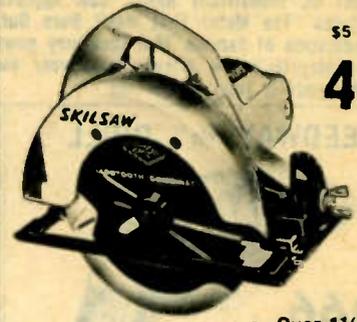
as low as **378**

- For 3/8" Heavy-Duty and Regular 1/2" Electric Drills

Five sizes for making fast, accurate holes from 1 1/4" to 2 3/4" diameter in wood, wall board, fiberboard, pilot screw actually pulls bit through work—bits require no pressure to bore. Perfect for tight spots. Individually replaceable cutter, blade, and pilot screw. Shpg. wt., 1/2 lb.

Stock #	Hole Dia.	Shank Size	Net ea.
MG-324	1 1/4"	3/8"	3.78
MG-325	1 1/2"	3/8"	3.78
MG-326	1 3/4"	3/8"	3.78
MG-327	2 1/8"	1/2"	4.16
MG-328	2 3/4"	1/2"	4.16

DELUXE 7 1/4" SKILSAW



\$5 monthly
4995
 No Money Down

- Over 1 1/2-HP Motor
- Has All Top Skil Features

Deluxe circular saw with over 1 1/2-HP for the home craftsman and professional user. Handles even toughest rip cuts. Full 7 1/4" blade for extra cutting capacity. Features easy-set depth and bevel controls. Vari-torque safety clutch, helical gears, sawdust ejection system, blind-free lower blade guard, etc. Cuts vertically from 1/4"-2 3/4", maximum depth of cut at 45° is 1 1/8". No-load speed 5150 RPM. 12" long. Motor has ball bearing construction, draws 10 amps. With hard tooth combination blade, blade wrench, 3-wire cord with 3-prong plug and 2-prong adaptor. U.L. approved. For 110-120V AC or DC. Shpg. wt., 16 1/4 lbs. Net 49.95

COMPACT 1/2" DRILL



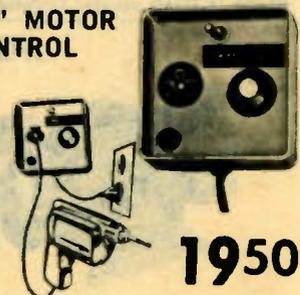
2587
 NO MONEY DOWN
 \$5 monthly

- 3-Amp Motor
- Big Drill Performance — Small Drill Handling Ease
- True Double-Reduction Gears

Rugged 1/2" drill gives big drill performance with small drill handling ease. True double-reduction gears deliver full drilling power and torque from 3-amp motor. Multiball thrust bearing on chuck spindle for heavy use. Modern design with removable side handle. Has trigger switch, lock pin, geared chuck. No-load speed 750 RPM. 9 3/4" long. With chuck key, 3-wire cord and 3-prong plug with 2-prong adaptor. U.L. approved. For 110-120V AC or DC. Shpg. wt., 4 1/2 lbs. Net 25.87

"SPEEDIAL" MOTOR SPEED CONTROL

- Varies Speed of Any AC-DC Motor From Zero RPM To Full Speed
- Ideal for Electric Drills, Saws, Sanders



1950

Allows slow drill speeds to start holes — prevents "dancing." Provides proper speed for drilling or sawing brass, aluminum, iron and steel. Allows sanders to be slowed down to eliminate ruts, gouges. Numerous other applications—just plug in and adjust speed as desired. Maintains speed, will not stall. Rugged cast aluminum housing. Fused (5 amp.), for universal (AC-DC) and DC motors only. May be used on Electric Clutches and Brakes requiring DC voltage from 0-90 volts. For all motors drawing up to 5 amps. Output of control is 0-90 volts DC, input required 110-120V, 60 cycles AC. Shpg. wt., 2 lbs. Net 19.50

POWER TOOLS SELECTED FOR QUALITY-VERSATILITY

NEW! RAM "FURY" 1/4" DRILL

OUR TOP DRILL VALUE



7⁸⁸

- 2-AMP. MOTOR
- U/L APPROVED
- JACOBS GEARED CHUCK AND KEY
- MULTIPLE THRUST BALL BEARINGS

Lafayette's top drill value. 1/4" geared chuck drill rated at a full 2.0 amps. U/L approved. 1/4" capacity in steel, 1/2" capacity in hardwood. 1200 rpm speed under full load, 2000 rpm no load speed. Precision anti-friction bearings Automatic trigger switch. Specially designed gear train for maximum torque transfer. Overall length 8". For 115 volts, 25-60 cps AC. Shpg. wt., 4 lbs.
 MD-708 Net 7.88
 EL-109 50-ft. 3-Wire Ext. Cord Net 3.51

RAM "FURY" 7" HEAVY-DUTY POWER SAW

19⁸⁸
Only



- 7 Inch Combination Blade
- Universal 1 1/2 hp Motor
- Safety Retracting Handle
- Heavy Duty 3 Conductor Cord
- Approved by UL and CSA

A powerful 8 ampere motor provides this big 7" circular saw plenty of reserve power to zip through straight or angle cuts. Cuts vertically to 2 3/4" at 90°, to 2 1/4" at 45°. Features self-lubricating bronze bearings, floating blade guard, safety retracting handle, combination rip and cross-cut blade and 3 wire cord and plug. No load speed, 5000 rpm. Motor is a universal 1 1/2 hp AC-DC 115 volts. UL Approved. Shpg. wt., 15 lbs.
 HG-185 Net 19.88

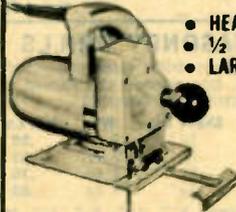
SAW TABLE. Perfect complement to the "88-3" Saw. Allows cutting at any angle between 45° and 90°. Complete with miter gauge and rip fence. Shpg. wt., 12 lbs.
 MD-360 Saw table Net 11.65

COMBINATION BLADE for up or crosscut work.
 MD-361 Shpg. wt., 1 1/2 lbs. Net 1.69

FLOORING CUT-OFF BLADE for smoother crosscut than combination blade.
 MD-362 Shpg. wt., 1 1/2 lbs. Net 1.69

PLANER BLADE will cut off, mitre, and rip smooth enough to eliminate sanding.
 MD-363 Shpg. wt., 1 1/2 lbs. Net 4.13

WEN 'SOUPED UP' SABRE SAW MODEL 909



- HEAVY DUTY—FULL 6 AMP.
- 1/2 H.P. MOTOR—1" STROKE
- LARGEST CUTTING CAPACITY
- 6" 90° CUT
- 4" 45° CUT

2937

NO MONEY DOWN

Bigger — more powerful — more versatile — faster cutting. Super-long blade easily cuts through 6x6" lumber. Cuts 4x4" at a 45° angle! Power enough to cut steel plate up to 1/2" thick—iron pipe up to 2" in diameter. Comfortable—conventional saw grip with auxiliary knob for 2 hand control. Saw tilts 45°—sole plate always remains flat. Finger control trigger-switch. Constant air stream flows dust from line of cut. 3400 1" strokes per min. Includes seven blades for cutting wood — steel — hardboard — sheet metal — pipe — leather — rubber — formica — etc. Equipped with rip guide and circle cutter guide. 8 ft. 3 cond cord and adapter. 110 watts. 6 amp., AC-DC. 8Lx7Wx7 1/2"H. Shpg. wt., 8 1/4 lbs.
 MD-466 Net 29.37

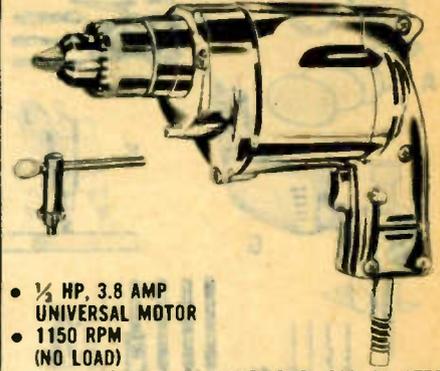
9T2 Saw Table — Makes the "909" a Bench Saw
 Heavy duty, rugged table for straight cuts, circle, curve, bevel and angle cuts. An aid to safe, efficient, professional type work. 18x18x8 1/2". Shpg. wt., 14 lbs.
 MD-852 Net 11.21

Extra Blades for "909" and "920"

Rough work blades of high carbon, high chrome steel. Metal cutting blades of high speed steel. Average shpg. wt., 4 oz.

- MD-853 1/2 x 7 x 1/2" —Very fast rough cuts, pkg. of 3 Net 1.26
- MD-854 1/2 x 3 1/2" —Fast rough cuts, pkg. of 3 Net 1.05
- MD-855 3/8 x 2 3/4" —Medium cuts, pkg. of 3 Net .84
- MD-856 3/8 x 2 1/2" —Fine scroll cuts, pkg. of 3 Net .84
- MD-857 1/2 x 4" —Knife blade, pkg. of 3 Net .84
- MD-858 3/8 x 3 3/4" —High speed steel, pkg. of 3 Net 1.26
- MD-859 3/8 x 3 3/4" —High speed—extra fine, pkg. of 3 Net 1.26
- MD-705 One each of above blades, pkg. of 7 Net 2.38

ELECTRO 3/8" SUPER-POWER DRILL

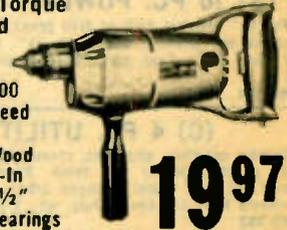


- 1/2 HP, 3.8 AMP UNIVERSAL MOTOR
- 1150 RPM (NO LOAD)
- 1 1/2" CAPACITY IN HARDWOOD, 3/4" IN STEEL

Here's a rugged professional 3/8" drill with EXTRA power for the TOUGH jobs that a 1/4" cannot handle. Will go through practically any material — concrete, plaster, brick, hardwood—even tough 3/4" steel. Its precision-built, dynamically balanced 3.8 amp motor is cool running, trouble-free and stall-proof. Has convenient pistol grip handle, ball-thrust bearings, die-cast aluminum housing, micro-machined alloy gears and sparking mirror finish. Precision keyed, geared chuck. 6 ft. 3-conductor power cord. 8 1/2" overall length. For 115 volts AC/DC. Shpg. wt., 4 3/4" lbs.
 HG-182 Net 13.20

WEN 2-SPEED 3/8" POWER DRILL

- Delivers Maximum Torque Under Load

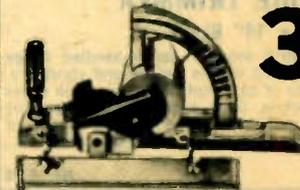


- Hi Speed—3000 RPM—Low Speed 1000 RPM
- Capacity in Wood 1/2" to 2 1/2"—In Steel 1/8" to 1/2"
- Ball Thrust Bearings

1997

One drill with the proper speed and torque for every job. Husky—powerful—but not bulky. Hi speed for sanding—sawing—grinding—brushing—buffing. Low speed for polishing—waxing—screwdriving—paint mixing—masonry drilling. Ingeniously wound motor delivers maximum torque under load. Auxiliary handle can be inserted at top or bottom. Change speed by shifting 3/8" geared chuck to other power take off. Trigger switch with locking pin. 6 ft. rubber covered cord. UL approved. Overall length 12 1/4" 110-120V. AC/DC. Shpg. wt., 5 lbs.
 MD-467 Net 19.97

WEN ELECTRIC HAND PLANE



3305

NO MONEY DOWN

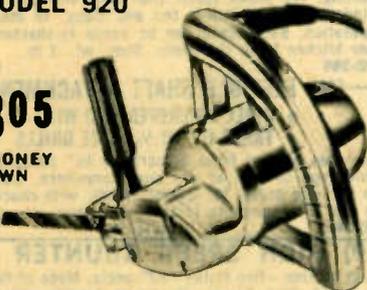
- Souped-up 1.2 H.P. Burnout-Proof Motor
- Balanced, Lightweight Polished Aluminum Housing
- Industrially Rated for Heavy-Duty Use

Ruggedly built for years of precision work, the Wen electric hand plane offers professional quality features—air cooled cog belt drive; heavy-duty oilite bearings; separately adjustable twin cutters; welded burnout-proof armature; finger control trigger switch. Cutter speed 14,500 R.P.M. Mitre guide plate angle adjusts up to 45°. Guide plate is removable for surface planing. Cutting width 2 1/8"; depth adjustable to 3/8". Polished aluminum housing with air stream chip ejector. Shoe length 16". 3-wire 8-ft. cord.
 HG-191 Shpg. wt., 9 lbs. Net each 33.05

EL-108 25-ft. 3-wire Ext. Cord Net 2.13
 EL-109 50-ft. 3-wire Ext. Cord Net 3.51

NEW! WEN ZIPP SAW MODEL 920

3305
NO MONEY DOWN



- Cuts Anything—Anywhere—Fast
- 1/2 HP, 4.25 Amp Motor
- "Free Hand" Cutting

The new Wen Zipp Saw handles like a keyhole saw, but the motor does the work. Uniquely designed base plate permits cutting flexibility without adjustments. Cuts metal up to 1/2" steel and wood up to 6x6"; flush cuts; fine scrollwork. Powerful 1/2 HP motor delivers 3200 1" strokes per minute. Heavy-duty roller and oilite bearings; heavy-duty hardened gears. Conventional saw grip with finger control trigger switch. Use it anywhere—from a construction job to a hobby shop. 115V, AC. Shpg. wt., 8 1/4 lbs.
 MG-99 Net each 33.05
 In lots of 3 Net each 29.37

WEN 3-INCH BELT SANDER MODEL 910

- Extra-Duty 4 1/4 Amp Motor

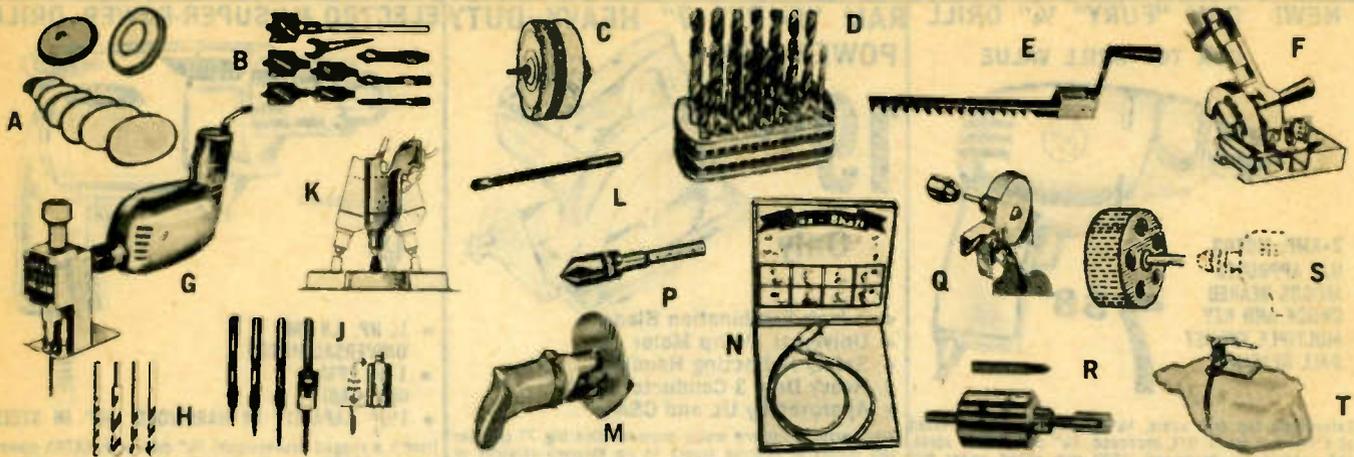


- Forced Ventilation—Cools Motor and Removes Dust
- Compact, Balanced, Lightweight

Wen Belt Sander provides 850 square feet of abrasive material/minute. Universal self-cooling motor will not overheat. Contour grip, 2 position knob, vibration-free bearings, balancing and lightweight (7 lbs.) remove fatigue from sanding. Belt changing in seconds. Flush design for close work. Complete gear drive with sealed bearings. Die cast polished aluminum housing. With 3 belts (coarse, medium, fine) and 6 ft. 3 conductor cord. Size: 5 3/4Hx5 1/2Wx10 1/2"L. For 115 V AC. Shpg. wt., 8 1/4 lbs.
 MD-937 Net each 33.05

In lots of 3, Each 29.37
 MD-990 Coarse Sanding Belt (60) Net .49
 MD-991 Med. Sanding Belt (80) Net .49
 MD-992 Fine Sanding Belt (120) Net .49

MAKE YOUR 1/4" OR 3/8" DRILL A PORTABLE MULTI-TOOL



(A) SANDING AND POLISHING KIT
 • USE WITH ANY DRILL • 9 DURABLE PIECES

High quality sanding and polishing kit for use with any standard drill or drill press. Cuts working time to a fraction, while taking the work out of sanding. Ideal for all types of sanding, removing rust-paint, and polishing hobby-craft, auto, etc. Kit contains flexible rubber 5" backing disc, 7 assorted-grain sanding discs, and 6" lambs wool polishing bonnet. Shpg. wt., 1 lb.
 HD-270 Net 1.43

(B) 10 PC. POWER BORING SET

For 1/4" electric drill or drill press. 8 different bits plus shank and wrench. Sizes 1/8", 3/16", 1/4", 5/16", 3/8", 7/8", 1" and 1 1/4". Fast, clean bore at any angle. Shpg. wt., 1 lb.
 HD-181 Net 1.97

(C) 4 PC. UTILITY KIT

Grinds, polishes, sharpens, cleans, finishes. Kit contains 3" grinding wheel 1/2" thick, 3" double thick muslin buff, 3" wire wheel. Flanged arbor with 1/4" shank. All wheels have 1/2" bore. Shpg. wt., 1 lb.
 HD-392 Net .99

(D) 29 PC. DRILL SET:

29 chrome vanadium twist drills with indexed metal stand. Sizes 1/16" to 1/2" by 64ths. Shpg. wt., 4 lbs.
 HD-214 Imported Net 5.40

TURNUED DOWN SHANKS

Same as above, but with shanks turned down for 1/4" drill. Imported
 HD-440 Net 5.99

(E) "SHOP KING" HEDGE TRIMMER
 • 14" BLADE

Converts any 1/4" drill into an easily handled hedge trimmer. Cuts, trims and shapes hedges and shrubbery. Extra long 14" blade of hardened tool steel. Keen edges for fast shearing action. Steel drive gear—permanently lubricated. Long, comfortable handle. Locks in any of 10 different positions. Light weight-compact. Shpg. wt., 3 lbs.
 HD-723 Net 6.99

(F) SHOP-KING SAW WITH DADO ARBOR
 • CUTS 2 x 4's IN ONE CUT

Revolutionary new "SHOP KING" with Adjustable "Dado-Arbor" cuts any groove up to 1/2" wide x 1" deep on ONE CUT! Arbor swivels sawblade to cut large grooves with little power—no heavy duty drill needed. "Dado-Arbor" easily removed for straight and angle cuts with precision Depth-Bevel-Rip Gages. Has 5" Safecut blade. Fits any 1/4" drill in 1 minute. With instructions and factory guarantee. Shpg. wt., 4 lbs.
 HD-197 Net 7.98

- HD-115 Safecut Blade 1.23
- HD-116 Hycarbon Crosscut Blade 1.23
- HD-117 Hycarbon Rip Blade 1.23
- HD-118 Hycarbon Combination Blade 1.23

(G) NEW! "JIFFY" JIG SAW

- Automatically Blows away Sawdust
- Self-lubricating Lifetime Bearings
- Blades Easily Changed

Ideal for home craftsman, carpenters, plumbers, electricians, cabinet makers. Cuts straight lines, intricate patterns, or circles—no matter how large—in wood, wallboard, plastics, metals. It even cuts 2 x 4's! This hand jig-saw finds many uses around the house or on the job. Use for cutting openings for plumbing, switchboxes, etc., without boring starting hole. Actually does the work of a jig, key-hole, coping, rip, crosscut, band or hacksaw. Blades easily changed with ordinary screw driver. Complete with 1 jig-saw blade, instructions and 1-year factory guarantee. Shpg. wt., 1 1/2 lbs.
 HG-278 Net 4.88

Replacement Blades—Package of 6 Ass'd. Net 1.30
 HD-57

(H) CARBIDE MASONRY DRILLS

Premier carbide tipped masonry drills, made in Holland. For use on concrete, brick, tile, plaster, etc. Packed in red plastic kit. Fits any electric drill. Imported

Type	Size	L	Shank Dia.	Wt.	Net Ea.
HD-393	1/4"	4"	3/8"	2 oz.	.59
HD-394	3/8"	4"	3/8"	2 oz.	.69
HD-395	3/8"	4"	1/4"	2 oz.	.75
HD-396	1/2"	4"	1/4"	3 oz.	.89

4-Piece Set. Consists of sizes: 3/16", 1/4", 3/8", 1/2". In attractive red plastic kit. Fits any electric drill.
 HD-397 Shpg. wt., 6 ozs. Net 2.56

(J) WOOD SCREW COUNTERSINK

- 24 COUNTERSINK COMBINATIONS
- FITS ALL DRILLS AND DRILL PRESSES
- AUTOMATIC STOP FOR 3 DEPTHS

Set contains 4 cold forged bits and "Depth-a-Dapter" Exactly profiled for 8 most popular screw sizes. Adjusts for flush, putty or dowel plug countersink. For wood screws #6 and 7 x 3/4", 8 and 9 x 1", 8 and 9 x 1 1/4", 10 and 12 x 1 1/2". Permits fast, multiple boring of duplicate holes exactly alike. Shpg. wt., 1/2 lb.
 HD-337 Net 1.27

(K) FOAM DISC SANDING KIT
 • RUBBER-FLEX SWIVEL DRIVE

NEW POWER SANDING DRILL ACCESSORY. Fits any 1/4", or larger electric drill. The sanding surface floats on a poly-foam pad. Sands flat or curved surfaces. Can't gauge—no swivel marks. Soft foam backer pad forms easily—even to compound curves. Changing angle of flexi-drive causes pad to "walk" automatically. Complete with pad, flexi-drive, 6 assorted sanding discs and instructions. Shpg. wt., 8 ozs.
 HD-483 Net 1.67

(L) DRILL SAW BIT

Four jobs with one bit. Use with any electric drill or drill press. Cuts circles, ovals, squares, etc. Withstands severe continuous use. Cuts wood, plastic, bakelite, steel, brass, copper, etc. Shpg. wt., 4 oz. Imported
 HD-75 Wood Bit Net .59
 HD-74 All Purpose Bit Net .69

(M) BABCO GRASS TRIMMER

- FAST SHEARING ACTIONS • SAFE OPERATION WITH BLADE GUARD • SMOOTH, CLEAN CUTTING

Now you can take advantage of that electric drill in your work shop to trim grass with this unit. Attaches to any 1/4" electric drill. Ideal for cutting grass grown over sidewalk, stepping stones or close to wall. Neat and fast cutting. Ten times faster than hand shears. The rotary blade is well guarded, top and sides, to insure safe operation. 5 1/2" blade can be easily re-sharpened with any kitchen knife sharpener. Shpg. wt., 1 lb.
 HD-399 Net 2.62

(N) FLEXIBLE SHAFT ATTACHMENT

- DRILL WHEREVER YOU WILL
- TAKES UP TO 1/8" SIZE DRILLS

Operates off any fixed or portable 1/4" power drill; enables you to drill at any angle anywhere. Capacity up to 1/8" size drills; 36" overall length, with chuck. Comes in box with complete instructions. Shpg. wt., 1 lb.
 HD-389 Imported Net 2.39

(P) HIGH SPEED COUNTER SINK

Fast cutting—five flutes—82° angle. Made of fine grade hi-speed steel. For use in any machinable material such as metal, wood and plastic. Has five carefully ground flutes for cutting an 82° angle to receive wood and machine screw heads. Has 1/4" shank for use in any electric drill or drill press. Length overall, 2 1/2". Shpg. wt., 6 oz.
 HD-76 Net 1.10

(Q) TWIST DRILL SHARPENER

- Sharpens Drills from 1/16" to 1/2"
- Sharpens Many Household Tools

Fits any electric drill whose chuck can handle the 1/4" shank. Includes 3" aluminum oxide grinding wheel, twist drill holder for sharpening any bit up to 1/2" dia., and adjustable tool rest for sharpening chisels, knives, scissors, plane blades, etc. Shpg. wt., 1 1/2 lbs.
 HG-279 Net 1.88

(R) SCREWDRIVER ATTACHMENT FOR ELECTRIC DRILLS

Can be fitted to any fixed or portable drill, to drive up to 1/4" diameter wood screws quickly and easily. Bit idles until pressure is applied, powerful "non-slip" industrial type clutch disengages itself when screw is driven home. Special bit holder prevents bit from slipping out of screw slot. Includes two hardened tool steel 1/4" hex bits for No. 2 Phillips head and for No. 6 to No. 14 slotted screws. Shpg. wt., 1 1/2 lbs. Imported
 HD-463 Net 2.24

(S) ROTARY RASP

For use with any 1/4" electric drill or drill press. Made of hardened steel, it is ideal for shaping of wood, plastic, fibre, etc.—planing of floors and boards—mixing of paints, oils and other heavy liquids. Extremely handy for the home craftsman, hobbyist, handyman, etc. 2 3/4" diameter, 1 3/8" wide. Shpg. wt., 1/2 lb. Imported
 HD-458 Net .99

(T) CHUCK KEY HOLDER

Keeps your geared chuck key right with your drill. No more fumbling or lost keys. Key snaps freely in and out of holder. Always ready to use. Fits all drills and chuck keys. Quickly installed. Shpg. wt., 1/2 lb.
 HD-271 Net .69 2 for 1.20

HANDY POWER TOOL ACCESSORIES

GYRO-DRIVE

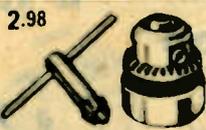
- Full-Power Full-Speed Drilling Up to 52 Degrees Off Center
- A Must For Electricians, Plumbers, Mechanics, TV Men, Telephone Installers

Here is the amazing drive which converts any 1/4" or 1/2" drill into a variable angle tool... drills in the tightest quarters, "around corners." Immediate angular positioning of the bit at angles up to 52°. Can be mounted into any 3/8"-24 male or female drill spindle. Threaded sleeve for 1/4" or 1/2" chuck, (chuck not supplied). May be permanently installed on drill or mounted in drill chuck, with additional chuck added on operating end. Removable hand grip bar for applying vertical pressure when drilling is difficult. Shpg. wt., 1 1/2 lbs. Net 6.67

HD-950 Net 6.67

JACOBS TYPE DRILL CHUCK

Comparable to Jacobs 1B. Key type geared tooth chuck. Capacity 0-1/4" thread 3/8"x24". Ruggedly constructed. Polished finish. Used as standard equipment on most electric drills. Made to rigid specifications. Compare our really low price. You'll find this same chuck selling for twice as much! Imported



HD-186 Shpg. wt., 1 lb. Net 2.98

MODEL 4100 VERSAMATIC

1125



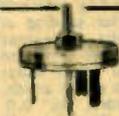
- WITH YANKEE STYLE BIT HOLDER
- TURNS 1/4" DRILL INTO HIGH POWER TOOL
- REVERSES—INCREASES POWER—REDUCES SPEED

Seven to one speed reduction develops tremendous torque! Hand clutch control for easy, instant stop-start action! Look at these fabulous features! Power screw driver—handles largest screws—reverses to extract them! Power drill tapping head! Plenty of power for oversize drilling! Perfect for concrete or any kind of masonry drilling! Low speed and high power for hole saw attachments! A professional tool that anyone can use! Comes complete with screwdriver bit—Phillips bit—1/4 socket set adapter—wrench pin and instruction book. Shpg. wt., 5 lbs. Net 11.25

HD-195 Net 11.25

1/2" CHUCK FOR VERSAMATIC

Geared chuck—3/8" to 1/2" capacity—#33 taper to fit Supreme Versamatic. Shpg. wt., 1/2 lb. Net 7.38



ZORON ADJUSTABLE Z-SAW HOLE CUTTER

388

A quickly adjustable tool for cutting holes 1 1/8" to 2 1/4" in diameter in wood, plastic, aluminum, etc. For use with tools having 1/4" chucks. Only light pressure exertion is required, less than with a drill. To adjust shank, lock-nut is loosened, bottom plate rotated to desired diameter, and lock-nut tightened. Removable combination blades. HD-949 Shpg. wt., 1 1/2 lbs. Net 3.88



ARCO NO. 20 ADJUSTABLE 82° COUNTERSINK

Adjusts to exact depth with automatic stop... no need to judge the depth with each cut. Single-flute, chatter-free design assures round clean cuts. Tempered and hardened manganese tool steel construction. Quickly countersinks in steel, wood, plastic and other materials. 1/4" shank fits any drill, drill press, etc. HD-948 Shpg. wt., 4 oz. Net .98

.99 7-in-1 HOLE SAW



Fits any electric drill, drill press, motor arbor, rotary sander or lathe. Cylindrical saw blades cut holes from 1" to 2 1/2" diameter in any 3/4" stock. Hole sizes are 1", 1 1/4", 1 1/2", 1 3/4", 2", 2 1/4", 2 1/2".

True size carbon steel saw blades fit into deep machined grooves in tool head and are locked into place by a full length lock screw. Cuts wood, plastics, metals, sheet-rock, wall-board, masonite, formica, etc. Has guide bit and automatic slug ejector. Imported HD-225 Shpg. wt., 1 1/2 lbs. Net .99

1/2" CHUCK FOR 1/4" DRILLS

.99



Converts 1/4" electric drill to 1/2" capacity. Properly machined to insure correct balance. May also be used on standard 1/2 x 24 motor arbor or shaft. Imported HD-203 Shpg. wt., 1 lb. Net .99

COUNTERSINK & DRILL SAW SET

Only .79



You'll find this the handiest tool set in your workshop. Consists of 5 screen hole drills (1 1/2", 1 1/4", 1", 3/4" & 3/8"). Plus a drill saw for use with a standard 1/4" electric drill chuck. Screw hole drills will fit flat, round or oval head screws in the 10 most popular sizes. Allows fast easy countersinking and screw tuning without splitting material. Drill saw is of hardened, tempered, drop forged steel for use in wood, plastics, masonite or soft metals, Drills, saws, reams and cuts any shape or hole in any direction. Shpg. wt. 1 lb. Imported HD-888 Net .79

4-PC. TWIST DRILL SET

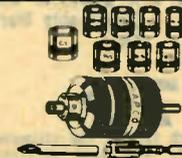
.89



Contains 4 high-carbon steel twist drills. SIZES: 1/4", 3/8", 1/2", 3/4". Drills have 1/4" shanks for use with 1/2" max. chucks. Allows owner of small drill to make larger holes without tedious filing or reaming. Made of precision ground speed steel. Comes complete with clear plastic pocket-case. All four drills 5" long. Imported HD-869 Shpg. wt., 10 oz. Net .89

ARCO SCREW & NUT DRIVER ELECTRIC DRILL ATTACHMENT

- Complete 15 Piece Screw and Nut Driver



For rapid fastening of both screws (slotted and Phillips) and nuts (hex and square head). Has non-slip industrial type clutch for fast easy driving. Bit holder prevents screw head slippage. Includes flat bits and bit holders for #4-8 and #8-14 screws, #1-2 Phillips head bit, 6 hex socket wrenches (1/4", 3/8", 1/2", 5/8", 3/4", 1 1/2"), 2 sq. socket wrenches (1/4", 3/8") and socket wrench holder with ball lock. HD-944 Shpg. wt., 1 1/2 lbs. Net 4.95

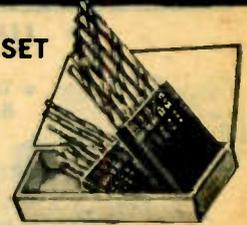
ARCO ROTO-FORM



Shapes—cuts—forms—mills. Fits all electric drills, drill presses, lathes, etc. Never clogs, or dulls—Cuts wood, plastic, rubber, aluminum, brass, etc. Available in 3 different sizes. All have 1 1/2" long drums and 1/4" shanks. HD-945 No. 1250 3/4" diam. Shpg. wt., 4 oz. Net .69 HD-946 No. 1251 1 1/4" diam. Shpg. wt., 6 oz. Net 1.02 HD-947 No. 1252 1 3/8" diam. Shpg. wt., 8 oz. Net 1.35

13-PC. TWIST DRILL SET

Set of 13 high quality chrome vanadium twist drills, complete with metal index. Sizes: 1/16" to 1/4" by 64ths. Shpg. wt., 8 oz. Import HD-113 Net .99



RIGHT ANGLE DRIVE

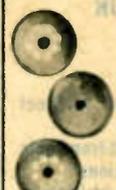
• HALVES OR DOUBLES DRILL SPEED



Close coupled—right angle attachment for working in confined spaces. 2 to 1 gear ratio permits halving or doubling drill speed. High speed for drilling and sanding—slow speed for polishing—large hole drilling—masonry drilling, etc. Fits 1/4" chuck or may be screwed directly to drill spindle. Includes 3/8-24 male and female adapters—and 1/4" plain shaft adapter. Shpg. wt., 1 lb. HD-269 Net 3.30

SANDING PLATES

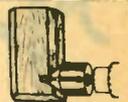
New tools for rasping—sanding—smoothing. These plates outlast thousands of granular abrasive discs and quicken formerly tedious work. Special steel construction. Each tool fits 1/4" drill chucks. Imported. Avg. shpg. wt., 8 oz. HD-941 Disc Rasp (Coarse) Net 1.49



Paint Remover, Smoother (Dual Purpose) HD-943 Net 1.49

ARCO ADJUSTABLE BEVEL CUTTER

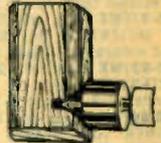
1.47



Fits any electric drill, drill press, etc. to make fast, clean corner bevels. Adjusts from 1/8" to 3/16" wide bevels. Dual guides assure accurate 45 bevels along entire length and width of workpiece. Cuts wood, plastics and soft metal. Made of hardened, tempered manganese alloy tool steel. Shpg. wt., 2 oz. HD-271 Net 1.47

ARCO RADIUS CUTTER

1.10



For fast, clean corner rounding when used with any electric drill, drill press etc. Available in 3 sizes for 1/8", 3/16" or 1/4" radius cuts. Accurate radius cuts assured by exclusive dual guides. Cuts wood, plastics, soft metals. Tempered and hardened manganese alloy tool steel construction. Shpg. wt., 2 oz. HD-272 1/8" Radius Net 1.10 HD-273 3/16" Radius Net 1.10 HD-274 1/4" Radius Net 1.10

KWIK-KLEEN KIT

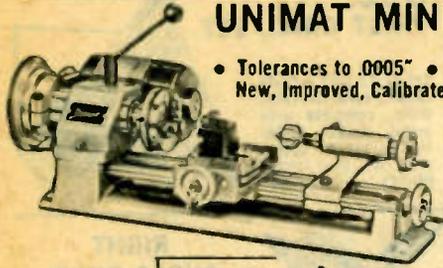
3.89



Contains 38 abrasive discs and rubber holders for use with most 1/4" and 1/2" portable drills and grinders. Ideal for home work shops and hobby shops. Works equally well on steel, wood or plastic. Pressure sensitive discs are easy to apply and replace on rubber holder. Shpg. wt., 1 lb. HD-277 Net 3.89

TOOLS FOR LAB, INDUSTRY AND WORKSHOP

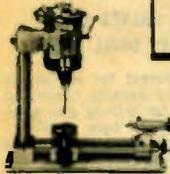
UNIMAT MINIATURE MACHINE SHOP



- Tolerances to .0005" • Only 16" Long, 5" High • 11 Spindle Speeds
- New, Improved, Calibrated Hand Wheels

139⁵⁰ NO MONEY DOWN
\$7 monthly

A complete 10-in-one machine shop in 16-inches! Although basically a precision lathe, UNIMAT quickly converts to a vertical milling machine, drill press, surface grinder or polisher—all on a single base. Motor (directly attached to headstock) may serve as a handtool. Belt drive is adjustable for 11 different speeds from 900 RPM to 7200 RPM. Detachable headstock rotates 360° for off-center operation; straight or tapered turning. Adaptable for threading, milling, sawing. Cast iron lathe bed swing is 3"; center-to-center distance 6-9/10". Includes 1/10 HP Brush Type fan cooled motor, drill press vent, column and hand lever, face plate, lathe dog, grindstone arbor, tool post, 2 dead centers, 3 jaw universal lathe chuck with reversing jaws, 3/4" Jacobs chuck and key, Allen wrench roughing tool bit, and a spindle return spring. 17 1/2 x 10 1/2 x 5 3/4" wood chest. 40-page manual. For 115V AC/DC operation. HD-957WX Shpg. wt., 30 lbs. No Money Down **Net 139.50**



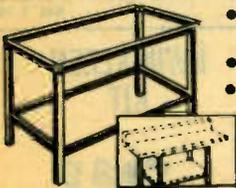
8" TILT ARBOR "MOTERTOOL" SAW with G.E. 3/4 H.P. MOTOR



- Rugged All-Steel Stand
- 2' Cast-Iron Table Extensions
- 8" Combination Blade
- Front & Rear Locking Rip Fence
- Precision Miter Gauge
- Rubber Drive Belt

A complete, compact machine with enclosed motor—you just plug it in, flip the switch and it's ready to operate. With this all-in-one package you can add a room, build a garage, make cabinets, build furniture and much more. Does every sawing operation—cross cutting, ripping, beveling, mitering, dadoing, tenoning, sanding, molding, shaping. Table extends to 28 1/2 x 17 1/4" with extensions. Blade guard and motor flit to 45°. Precision ball bearing arbor unit. HD-975WX Shpg. wt., 90 lbs. **Net 99.95**
8" MOTERTOOL TILT ARBOR SAW. Same as above, without extensions, blade and stand. Table top 14 1/2 x 17 1/4". HD-891WX Shpg. wt., 58 lbs. **Net 78.50**
EXTENSIONS, Set of 2 for HD-891WX. Cast iron. Extends work surface to 28 1/2 x 17 1/4". HD-892WX Shpg. wt., 28 lbs. **Net 16.50**
POWER TOOL STAND. Fits HD-891WX and Jointer HD-890WX. Heavy steel; slotted for adjustments. Length 21"; width 17 1/4"; height adjusts 24-33 1/4". HD-953WX Shpg. wt., 33 lbs. **Net 17.13**
HD-993 8" Crosscut Blade **Net ea., .98**
HD-994 8" Rip Blade **Net ea., .98**
HD-995 8" Combination Blade **Net ea., .98**

ALL-PURPOSE BENCH FRAME

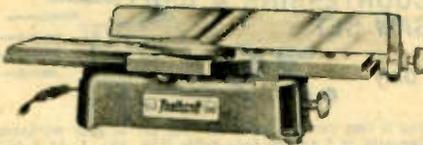


- Makes A Bench for Every Purpose
- Heavy-Gauge Steel
- Combine 2 or More for Larger Sizes

550

It's easy to make a bench for every purpose—in the garage, store, house, laundry room, playroom, etc. Heavy-gauge steel, completely pre-drilled, ready-to-assemble—just add the top. For larger benches, combine 2 or more. Overall: 22 1/2 x 47 1/2 x 34" high. Shpg. wt., 19 lbs. ML-269 **Net 5.50**
TOOL RACK. Prepunched to fit frame. 46"L, 4 1/2"H. ML-270 Shpg. wt., 2 lbs. **Net 1.95**
CASTERS For easy moving. Sets of 4. ML-271 Shpg. wt., 1 lb. **Net 1.35**

4 1/2" "MOTERTOOL" JOINTER



With 3/4 H.P. General Electric motor built right in. This machine is permanently set up to operate. Has exclusive "Parallel Motion" design which assures 3/8" between the cutting knife and table edge at any depth of cut. All Ball Bearing construction. Outfeed as well as infeed table adjustable. Maximum cuts: width 4 1/2", depth 3/8", Rabbet depth 3/8". Over-all length 30 3/4". Cast iron tables and base. Comes complete with built-in 3/4 H.P. Motor, Cord, Plug and Switch, and 2-way Tilt Fence. HD-890WX Shpg. wt., 53 lbs. **Net 71.50**

STEEL FRAME WORK BENCH



Includes Tool Rack, Peg Board Back Panel and Bottom Shelf

- Sturdy, All-Steel Frame
- Large 24x48" Work Top
- A Complete and Serviceable Work Shop

1775

A new all-steel frame work bench that is the ultimate in convenience and serviceability. The rigid, all-steel frame is the core of this complete workshop that will last for years. Features a big 24x48" work top of special, heavy-duty, compressed, high-impact board to withstand the roughest use. Matching bottom shelf offers handy storage space. Convenient tool rack with peg board back panel. Base on each leg gives extra support and can be bolted down if desired. Easy-to-assemble. 34 1/2" high. (Tools not included). ML-298WX Shpg. wt., 60 lbs. **Net 17.75**

FOLDING WORKING TABLE SUPPORTS

- AMAZING STRENGTH
- HEAVY-DUTY CONSTRUCTION

Set of 2 **ONLY 595**

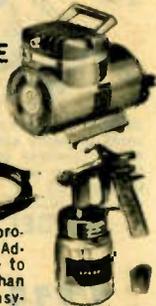
A heavy-duty one piece folding table bracket, engineered to make wall-hung table tops easy to install. A pair of these brackets will support 200 lbs. of dead weight. Also for dinette and kitchen tables, work tables, sewing tables, etc. Shpg. wt., 5 lbs. ML-318 **Net 5.95**

ATTACHMENTS & ACCESSORIES

- Model DB 1210 Milling Table. Steel, 5x3" with 2 sets of clamps. HG-104 Shpg. wt., 3 lbs. **Net 10.50**
- Model DB 1010 Clamping Vise. Reach of jaws: 1 1/4". Mounts on cross slide on Milling table. HG-105 Shpg. wt., 1 1/2 lbs. **Net 7.95**
- Model DB 1130 Tool Kit. Consists of: 2 tool bits, 4 drill bits, grindstone w/cup, single-end cutting gear seat cutter, counter sink bit, center drill bit and 2 wood chisels. In box. HG-106 Shpg. wt., 1 1/2 lbs. **Net 15.50**
- Model DB 1100 set of 6 tool bits. **Net 9.50**
- HG-107 Shpg. wt., 1 lb. **Net 9.50**
- Model DB 1290 Power Feed Attachment. 1:50 reduction, feed rate of .0008" per revolution. **Net 19.95**
- HG-359 Shpg. wt., 7 lbs. **Net 19.95**
- Model DB 1001a 4-Jaw Independent Lathe Chuck. Capacity 2 1/4". HG-360 Shpg. wt., 1 1/4 lbs. **Net 22.50**
- 2 1/2" Circular Saw Attachment. 3 1/2 x 4" table, rip fence, arbor. Max. depth of cut 1/2". HG-361 Model DB 1230 Saw. Shpg. wt., 2 1/2 lbs. **Net 9.75**
- HG-362 Model DB 1231 Blade (wood). Shpg. wt., 3 oz. **Net 1.50**
- HG-363 Model DB 1232 Blade (metal). Shpg. wt., 3 oz. **Net 2.25**
- Model DB 1070 Jig Saw Attachment. Cuts to center of 16" circle. With 12 assorted blades. **Net 19.50**
- HG-364 Shpg. wt., 6 1/2 lbs. **Net 19.50**

SPRAVIT 600 PROFESSIONAL-STYLE SPRAY UNIT

- Integral Compressor-Motor
- All-Aluminum Spray Gun
- Sprays Oil, Paints; Stains



All-purpose spray unit that gives professional results from the start. Adjustable pattern from small-as-a-dime to a fan 10" wide—4 times faster than a brush, and cleans easier too. Easy-to-use 2-finger trigger gun. Never needs lubrication. Air delivery: 1.5-2.0 CFM @ 15-20 lbs. Complete with 6-ft. cord with plug, 8-ft. hose with connections. HD-933 Shpg. wt., 11 lbs. **Net 31.95**
MULTI-COLOR KITS: For best results in spraying multi-color paints. HD-675 Shpg. wt., 4 oz. **Net 2.10**
AIR TOOLS KIT: For inflation and dusting. Includes chuck for all tires—footballs, basketballs, toys, air mattresses, "dusting" attachment. HD-676 Shpg. wt., 4 oz. **Net 1.70**

RAM BUFF-'N-SAND

2373

NO MONEY DOWN
\$5 monthly

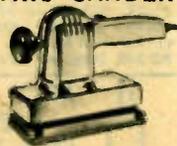


• Two Tools in One
— A Combination Polisher Buffer & Sander
A rugged all-purpose polishing and sanding tool half the weight of similar units. Perfect for sanding or polishing furniture, cars, floors and walls. Engineered to operate at 500 rpm to avoid hi-speed heat and friction on working surfaces. Universal AC-DC motor employs thrust ball bearings for smooth rotary action. Supplied with heavy duty 3-conductor cord, 7 1/2" O.D. lambswool bonnet and 24 sanding discs. Overall length 13 1/2". Shpg. wt., 5 1/2 lbs. HD-931 **Net 23.73**

RAM 2-WAY ELECTRIC SANDER MODEL R-120

Orbital or Straight Line

- 3/8" Stroke Orbital or Straight
- Positive Slide Switch

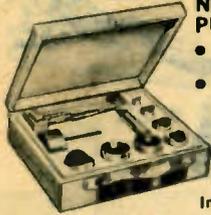


A heavy-duty electric sander with 3/8" stroke in orbital or straight line. Features 2.4 amp, universal series wound motor. Heavy-duty ball bearing and self-lubricating sleeve bearings. Pad size: 3 3/4 x 7 1/4"; sandpaper size: 3 1/2 x 9". Industrial mirror finish. 6-ft., UL approved cord. 115V, 60 cycles, AC-DC. Shpg. wt., 5 lbs. HG-98 **Net 16.88**

TOOLS for the TECHNICIAN and HOBBYIST

NEW CHASSIS PUNCH SET

- EASY-SMOOTH-HOLES IN SHEET METAL
- 5 SIZES: 1/2", 3/4", 1", 1 1/4", 1 1/2"



5.49

Imported



Five most often needed round hole punches. Do the job in minutes—save hours of tedious hand labor. Cuts smooth accurate holes for sockets — plugs — controls — panel lights — switches — terminals — most radle parts. Works equally well with sheet metal — steel plastics — composition board, etc. Drive with any wrench — or with T handle included. Punch sizes included are 1/2", 3/4", 1" and 1 1/4". Supplied complete with punches, dies, T drive handle, tapered reamer, flitted wooden case and instructions. Shpg. wt., 2 1/2 lbs. HD-471 Net ea., 5.49, Net ea., in lots of 3, 4.94

9 PC. SQUARE PUNCH SET

- 3 NEEDED SIZES — 1/2" — 3/4" — 1"
- SMOOTH, ACCURATE, EASY TO USE

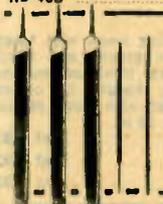
6.95



Save time — save effort — cutting square notes in chassis — panels — sheet metal up to 1/8". Most often needed sizes for square chassis components. Multiple cuts allow any size square hole. Drive punches with any wrench or with T drive handle included. Cuts smooth, accurate square holes in metal — bakelite — plastic — composition board, etc. Complete with 1/2", 3/4", 1" punches — dies — drive screw, T handle and wooden case. Shpg. wt., 2 lbs. Imported HD-480 Net 6.95

5 PC. ASSORTED FILE SET .98

Five files selected for utility and durability. Good quality—equal to files selling for far more. Each one a different pattern—three standard shapes—two triangular. Sizes 6" to 12". Shpg. wt., 2 lbs. HD-456 Net .98



GREENLEE CHASSIS PUNCHES



Cut holes in metals up to 1/8" thick with the turn of an ordinary wrench. No sawing, reaming or filing. TYPE 730, Round Holes, AVG. Shpg. wt., 1 1/2 lbs. ea.

Stock No.	Size	Net ea.	Stock No.	Size	Net ea.
HD-590	1/2"	2.29	HD-603	1 1/4"	2.65
HD-591	3/4"	2.29	HD-604	1 3/4"	3.17
HD-592	1"	2.29	HD-605	1 1/2"	3.62
HD-593	1 1/4"	2.29	HD-606	1 3/4"	4.27
HD-594	1 1/2"	2.29	HD-607	1 3/4"	4.85
HD-595	1 3/4"	2.29	HD-608	1 7/8"	6.04
HD-596	1 7/8"	2.29	HD-609	2"	6.53
HD-597	1 3/4"	2.51	HD-610	2 1/8"	10.80
HD-598	1 7/8"	2.51	HD-611	2 1/4"	7.00
HD-599	1 3/4"	2.65	HD-612	2 1/2"	11.47
HD-600	1 3/4"	2.65	HD-613	2 3/4"	15.88
HD-601	1 3/2"	2.65	HD-614	2 3/2"	11.02
HD-602	1 3/4"	2.65	HD-615	3"	22.05

TYPE 731, Square holes, AVG. Shpg. wt., 2 lbs.
 HD-616 1/2" 4.27 HD-619 7/8" 5.77
 HD-617 3/4" 4.41 HD-620 1" 6.00
 HD-618 3/4" 5.03

TYPE 732, KEYED SOCKETS, AVG. Shpg. wt., 1 1/2 lbs. ea.
 HD-621 1 1/2" 4.41 HD-624 1 1/4" 5.77
 HD-622 1 1/4" 4.41 HD-625 1 3/4" 6.09
 HD-623 1 1/4" 5.12

Replacement cap screws for 730, round hole, punches above. Shpg. wt., 4 ozs.
 HD-626 for 1/2" 3/4", 1/2", 3/4" Net .26
 HD-627 for 1/8" through 1 1/4" Net .26
 HD-628 for 1" through 1 1/2" Net .30
 HD-629 for 1 3/8" and 1 3/4" Net .39
 HD-630 for 1 7/8" through 2 1/2" Net 5.3
 HD-631 for 2 3/4" and 3" Net 2.77

PRECISION MACHINISTS FILES

- DEAD SMOOTH CUT
- 8 POPULAR STYLES

1.49



Made of exceptionally high grade steel. Designed to meet the requirements of Tool Rooms — Instrument Makers — Machinists and Engineers. Used wherever the demand is for fine work within accurate limits. All are approximately 8" long overall — parallel (machine type) tang. Set includes: Three square, crossing, dovetail (verge), half round, warding, pillar (one safe edge), square and round. All are Dead Smooth (No. 3) Cut. In heavy plastic case. Shpg. wt., 1 lb. Imported HD-473 Net 1.49

Precision Engineers Files: Similar to above files. Dead smooth (No. 3) cut. All are approximately 9" long. Slightly heavier stock. Set includes 3 square, half round, pillar (one safe edge), square and round. In heavy plastic case. Shpg. wt., 1 lb. Imported HD-472 Net 1.10

TUNGSTEN SPEED 12 PC SET TAP & DIE

- 5 NATIONAL COARSE SIZES



Ten taps and dies — most popular national coarse size. High quality — low cost set for servicemen, hobbyists, experimenters, repair shops and handymen. Set includes one tap and one die of the following sizes: 1/4-20, 3/8-18, 1/2-16, 5/8-14, 3/4-13. Complete with die stock, tap wrench and flitted wooden case. Shpg. wt., 4 lbs. Imported HD-635 Net 2.69

20-PIECE TAP AND DIE SET

- NATIONAL COARSE SIZES



Twenty of the most often needed taps and dies. Sizes popularly used in radio, hobby, home, shop and light industry. Contains one tap and one die in each of the following sizes: 6-32, 8-32, 10-24, 12-24, 1/4-20, 3/8-18, 1/2-16, 5/8-14, and 3/4-13. Includes die stock and adjustable tap wrench. Entire set contained in a fitted metal case. Shpg. wt., 4 lbs. HD-252 Imported Net 5.58

HAND TAP SET

- AMERICAN STANDARD THREAD
- 5 MOST NEEDED SIZES
- RUGGED TAP WRENCH



Handy tap set includes most often used sizes. Consists of 6-32, 8-32, 10-32, 1/4-24, and 1/4-20 taps, rugged tap wrench with T-bar handle; all in heavy plastic pouch. All threads are American Standard. Extremely useful for repair and servicemen. Shpg. wt., 1 lb. Imported HD-41D Net .99

HANDY WARDING FILE SET

- 6 INDIVIDUAL FILES
- SPECIAL STEEL-DEEP CUT-HARDWOOD HANDLES



Perfect for shop — home — hobby work. Kit consists of flat, half round, triangular, square, round and taper files. All with individual hardwood handles. Sturdy plastic pocket case included. Shpg. wt., 1/2 lb. Imported HD-215 Net .89

12 NEEDLE FILES

- SWISS PATTERN

Handy set for the hobbyist. Used by jewelers, watchmakers, toolmakers, etc. all over the world. Consists of 12 assorted flat, oval, round, triangular and edge files to fit every need. Shpg. wt., 1 lb. Imported HD-88 Net 1.95



ADEL HAND "NIBBLING" TOOL

- Cuts any shape or opening by hand
- In sheet steel up to 18 gauge—in soft metals up to 1/4" thick



Easily operated hand "Nibbler" cuts any shape hole in sheet steel—aluminum — copper — or plastic. Metal remains flat and straight after cutting. Does not add strain or distortion to edges. Cuts holes in preformed sheet metal (air-ducts, chassis, etc.) without distorting original form. Cuts in all

directions. Any design—angle—radius. Follows scribe lines easily. Best possible tool for cutting template and model parts from thin metal. Shpg. wt., 8 ozs. HD-436 Net 1 to 11, 3.85 12 to 71.0.60 HD-437 Replacement part for above Net 1.87

4 TOOLS IN ONE

FOR INDUSTRIALS EXPERIMENTERS REPAIR SHOPS MODEL WORKERS SCHOOL SHOPS HOME WORK SHOPS



- PUNCHES
- SHEARS
- RIVETS
- FORMS

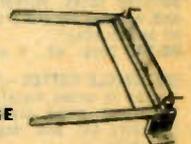
An ideal tool for plant, shop or home use. Used extensively in industrial plants on small jobs. Handles stock up to 1" wide to 16 gauge. Punches clean, sharp, smooth, burr-free holes — up to 1" from edge — 1/8", 1/4", 3/8", 1/2" and 3/4" round. Forms bends up to 90° in rod or bar stock. Cleanly shears metals up to 1" wide, 16 gauge, without distortion. Rivets easily with any type solid or hollow rivet. Rivets up to a maximum combines thickness of 3/8". Shpg. wt., 15 lbs. HD-233 Net 9.55

EXTRA PUNCH SETS

Avg. shpg. wt., 4 oz.
 HD-234 Hex—3/8", 1/2" and 3/4" Net 1.45
 HD-235 Square—1/8" and 3/4" Net .95
 HD-236 Rectangular—1/8"x3/8" and 1/8"x3/4" Net .95

18" BENDING AND FORMING BRAKE

- FOR EXPERIMENTERS—SERVICEMEN—SHOPS
- CLEAN SMOOTH BENDS
- FORMS UP TO 90°
- HANDLES UP TO 18" WIDTH IN UP TO 16 GAUGE THICKNESS



Unique design permits forming chassis, boxes, covers, trays, etc. by means of 1" deep slots in brake-bar which allow corners to fold in. Provides flange edges up to 1" high. Easy to adjust for thickness, accuracy, angle of bend. Rugged construction offers a life time of service. Shpg. wt., 20 lbs. HD-232W Net 14.95

4 PIECE COLD CHISEL SET

- SIZES 1/2" 3/8" 1/2"

Rugged, well balanced chisels. Designed for long lasting performance and for lasting sharpness. Four popular sizes in a convenient carrying pack. Shpg. wt., 2 lbs. HD-831 Imported Net .59



TOOL STEEL TAPERED REAMER

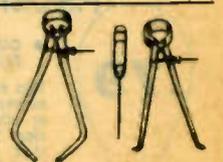
Removable "T" for use in drill chuck Enlarges holes to 1/2" in diameter in metals, wood and plastic. Gradual taper down to 1/4" point. Will fit any 3/8" drill chuck. Machined cutting edges. Overall length 4 1/2". Length of "T" handle 4". Shpg. wt., 1/2 lb. Imported. HD-357 Net each .59



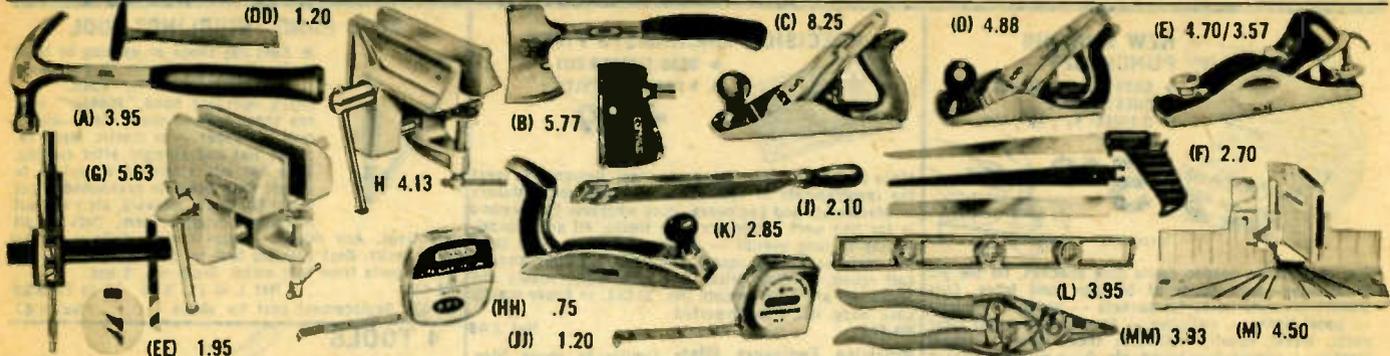
3-PC. CALIPER SET

.77

Set contains inside, outside and scribes. Good quality-tempered springs; solid brass nuts; hardened points. Shpg. wt., 1/2 lb. HD-899 Net ea. .77



STANLEY STANLEY HAND TOOL CENTER



(A) STEELMASTER CURVED-CLAW HAMMER. All-steel hammer with "rim-tempered" face — minimizes chipping, assures greater safety. Chrome-plated handle; neoprene rubber grip. 13" long. Net 3.95
 HG-125 Shpg. wt., 1½ lbs.

(B) STEELMASTER CAMP AXE w/SHEATH. All-steel with contoured and perforated neoprene-rubber grip. Beveled nail slot. 3" sharpened cutting edge. Overall 13¾" long. Net 5.77
 HG-126 Shpg. wt., 2 lbs.

(C) SMOOTH BOTTOM ADJUSTABLE BENCH PLANE. Of finest iron castings, with hardwood handle and knob. Cutter adjusts for thickness and evenness of shaving. 9" long overall; cutter width 2". Net 8.25
 HG-127 Shpg. wt., 3¾ lbs.

(D) HANOYMAN ADJUSTABLE BENCH PLANE. Tempered tool steel, fully adjustable cutter. Nickel plated lever; black hardwood handle and knob. Overall length 9"; cutter width 2". Net 4.88
 HG-128 Shpg. wt., 3½ lbs.

(DD) MAGNETIC TACK HAMMER—Sturdy, popular-priced magnetic tack hammer for the homeowner, hobbyist and handyman. Forged head has baked enamel finish, polished faces. Hickory handle stained and lacquered and wedged securely to head. Head length 3¾". Overall length 10½". Net 1.20
 HG-240 Shpg. wt., 8 oz.

(EE) CIRCLE CUTTER—For use in drill press chucks. Cuts circles in sheet metal, mild steel, laminated materials, hardboard, wood, plywood, etc. Cuts circles ¼" to 5" dia. Fits ¼" and larger drill chucks. With ¼" pilot-hole drill. Net 1.95
 HG-241 Shpg. wt., 4 oz.
 Cuts circles 1¼" to 8½" dia. Fits ½" and larger drill chucks. With ¼" pilot-hole guide. Adjustable bit of high speed steel held in arm with set screw. Net 4.05
 HG-242 Shpg. wt., 4 oz.

(E) ADJUSTABLE BLOCK PLANE. Adjustable cutter rests at an angle of 21°. Convenient "Mandy" grip. Overall length 6"; cutter width 1¾". Net 4.70
 HG-129 Adjustable Throat Shpg. wt., 1½ lbs. Net 4.70
 HG-130 Regular Throat Net 3.57

(F) KEYHOLE SAW. Quick-change locking head holds blade in 8 positions. Pistol grip handle. With 3 blades — wood, metal, pruning. Net 2.70
 HG-131 Shpg. wt., 1¼ lbs. Net .45
 HG-132 Replacement Wood Blade Net .53
 HG-133 Replacement Metal Blade

(G) WOODWORKER'S VISE. Clamps on bench up to 2¼" thick. Gray iron with replaceable pressed wood face plates. Steel parts nickel-plated. Jaw width 5", opens to 3½". Net 5.63
 HG-134 Shpg. wt., 5½ lbs.

(H) ALUMINUM WOODWORKER'S VISE. Lightweight aluminum alloy. Mounts to bench up to 2¼" thick. Full turn handle clearance from any position. Jaw width 5"; opens to 3½". Net 4.13
 HG-135 Shpg. wt., 3 lbs.

(HH) PROFESSIONAL POCKET RULE—Slim, trim pocket size rule. Mylar-clad rule blade outlasts regular blades up to 10 times longer. Resists most oils, acids and alkalis. Bold black numerals on yellow background for maximum visibility. Graduated in 16ths entire length, in 32nds for first six inches. Rule ¼" wide, 6 ft. long. Net .75
 MG-243 Shpg. wt., 3 oz.

(JJ) "POWERLOCK" MEASURING RULE—Power return rule with "Powerlock." Lets you lock blade with thumb-operated control knob—no blade creep on slippage. Mylar-clad rule blade lasts up to 10 times longer. Bold black numerals on yellow background for easier reading—virtually indestructible. Graduated in 16ths entire length, in 32nds for first six inches. Rule ¼" wide, 6 ft. long. Net 1.20
 MG-244 Shpg. wt., 6 oz.
 Same as above, but 10 ft. rule. Net 1.58
 MG-245 Shpg. wt., 6 oz.

(J) "SURFORM" FILE. Die cast aluminum body; black hardwood handle. Ribbed section on front of body for 2-hand use. With regular cut, flat Sheffield tool steel blade. 16¾" long. Net 2.10
 HG-136 Shpg. wt., ½ lb.

(K) SURFORM" PLANE. Die cast aluminum body; hardwood handle and knob. For surface forming wood, plastics, leather, soft metals. With flat regular cut Sheffield tool steel blade. 10" long. Net 2.85
 HG-137 Shpg. wt., ¾ lb.

(L) HAN DYMAN ALUMINUM LEVEL. Rigid, warp-proof, lightweight aluminum body. 6 vials permanently set in plaster; unbreakable plastic magnifying vial protectors. 24" long. Net 3.95
 HG-138 Shpg. wt., 1½ lbs.

(M) HANOYMAN MITRE BOX. Rigid all-metal; use with back or panel saw. Saw guide sets at 90°, 60°, 45° and 30°. Adjusting screw for proper saw tension. Bolt slots in base. Overall 12¼x3¾". Net 4.50
 HG-139 Shpg. wt., 4¼ lbs.

(MM) AVIATION SNIPS—Metal cutting snips with tough alloy steel blades. Cutting edges ground and oiled. Compound-leverage action delivers maximum cutting power. Lock keeps self-opening handle in closed position. Contoured handles covered with tough plastic grips. Overall length 10". Shpg. wt., 12 oz. Net 3.93
 HG-246 For left-hand curves Net 3.93
 HG-247 For straight curves Net 3.93
 HG-248 For right hand curves Net 3.93

MAGNAGRIP MAGNETIZED HOLDER

• Holds Iron and Steel Utensils

Multipurpose Magnagrip, Model 8S. Use in kitchen, garage, bathroom, workshop or many other places in your home. Heavily plated magnetized surface. White enamel or natural hardwood finish. Complete with mounting screws. (Tools not included).

Stock No.	Length	Finish Color	Shpg. Wt.	Net ea.
HG-108	10"	White	¾ lbs.	1.89
HG-109	12"	Natural Hardwood	1 lb.	2.10
HG-110	18"	Natural Hardwood	1½ lbs.	2.98
HG-111	24"	Natural Hardwood	2 lbs.	3.95

FASTWAY HAM-R-TOOL AND DRIVE PINS

DRIVES STUD PINS INTO: • BRICK • MORTAR • CONCRETE • ¼" STEEL

No. H-50 Ham-R-Tool when used with a hammer drives fasteners into building construction material. Hardened steel body. Overall length: 6½". Shpg. wt., 1 lb. Net 4.49
 HG-113

DRIVE PINS FOR ABOVE

Stock No.	Shank Length	Shpg. Wt.	No. In Pkg.	Net Per Pkg.
HG-114	¾"	2 oz.	17	.69
HG-115	1"	2 oz.	13	.69
HG-116	1½"	2 oz.	9	.69
HG-117	2½"	2 oz.	8	.69

THREADED PINS FOR ABOVE

Stock No.	Thread Size	Thread Length	O/A Length	Shpg. Wt.	No. In Pkg.	Net Per Pkg.
HG-118	10-24	¾"	1¾"	2 oz.	12	.69
HG-119	¼-20	1¾"	1¾"	2 oz.	10	.69

PRECISION STUD FINDER

• GUARANTEED TO FIND STUD CENTER

This new, easy to use, patented carpenter's precision stud finder utilizes a geometrical principal to find the center of any stud. Constructed of high carbon steel and die-cast which is chrome plated to insure years of hard use. Shpg. wt., 4 oz. Net .79
 HG-112

NEW THUNDER BOLT ANCHORS

Fasten any fixture to tile, concrete, marble, brick and other materials. ¼" diameter anchor requires ¼" hole, 1¾" deep. After hole is made, anchor is inserted and nut tightened. Bolt expands providing holding strength limited by the strength of the masonry. Fixture can be removed by simply unscrewing nut. Shpg. wt. per pkg. of 10, 8 oz. Net .98
 HD-850 Pkg. of 10 Net .98

"HOPPY" SPLIT-IMAGE TRANSIT

Low Cost, Precision Level and Incline Measure

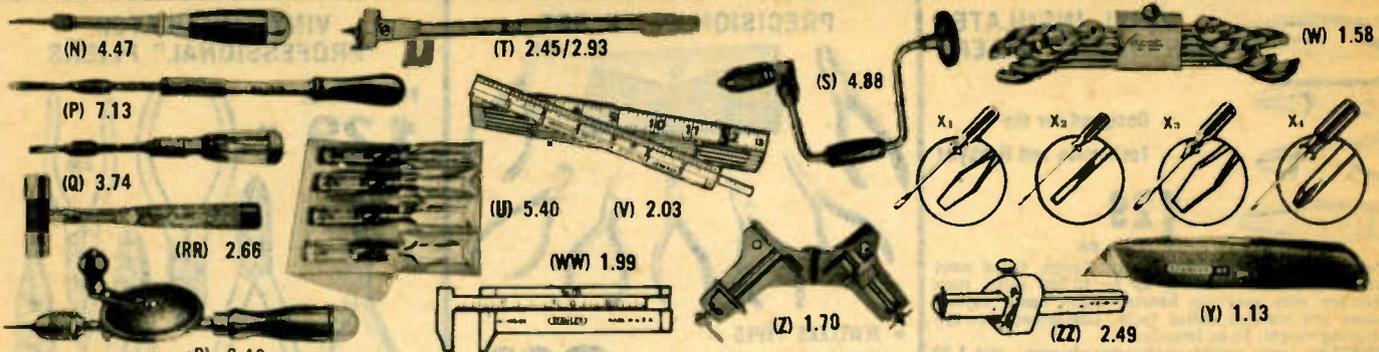
- Prism-Like Optical System
- Plate Glass Mirrors
- External Sights

Amazingly accurate instrument that will indicate level and measure a minimum of ¼" rise or fall at 25". Makes present day bubble and string type levels obsolete. It not only indicates level but shows exactly how much correction is needed. One man can perform any leveling or incline measuring job quickly, easily, and accurately. Makes any complicated measuring/leveling job simple. Use it for patio layout, bricklaying, flooring, surveying, terracing, fencing, plumbing, shelving, guttering, drainage, irrigation. Indispensable as a leveling and grading tool for model railway pike. Shpg. wt., 6 lbs. Net 6.72
 HD-690
 HD-441 case—Shpg. wt., 1½ lbs. Net 3.20

MAGNicator • WALL STUD LOCATOR

Hang shelves, cabinets, baffles, pictures, mirrors, etc. to wall area backed by stud. Magnicator locates nails or other metal within ¾" of indicator. Points out nails in studs to pin point best hanging area. Shpg. wt., 4 ozs. Net ea., .69
 HD-285 Net ea., .69
 Net ea., in lots of 3 .59

STANLEY HAND TOOL CENTER STANLEY



(N) YANKEE PUSH DRILL w/8 DRILL POINTS. Tough plastic and polished aluminum handle. Flange on lower handle for thumb rest when using drill. Eight drill points, $\frac{1}{16}$ " to $\frac{1}{4}$ ", store in magazine handle — simply unscrew aluminum cap.
 HG-140 Shpg. wt., $\frac{1}{2}$ lb. Net 4.47
 Set 4 Drill Points. $\frac{1}{16}$ ", $\frac{1}{8}$ ", $\frac{3}{16}$ ", $\frac{1}{4}$ ".
 HG-141 Shpg. wt., 2 oz. Net .72

(P) YANKEE SPIRAL RATCHET SCREW DRIVER with 3 BITS. Quick return spring keeps blade in screw and pushes handle back quickly. For regular use. Length bit extended $20\frac{1}{2}$ ", bit closed 15". With 3 bits — $\frac{1}{16}$ ", $\frac{1}{8}$ ", $\frac{3}{16}$ ".
 HG-142 Shpg. wt., $1\frac{1}{8}$ lbs. Net 7.13

(Q) YANKEE-HANDYMAN SPIRAL RATCHET SCREW DRIVER. Complete with extra $\frac{3}{16}$ " screw driver bit and 3 drill points ($\frac{1}{16}$ ", $\frac{1}{8}$ ", $\frac{3}{16}$ ") — all fit into transparent plastic magazine handle. Length bit extended 10", bit closed 7 $\frac{3}{4}$ ". Quick-return.
 HG-143 Shpg. wt., $\frac{3}{4}$ lb. Net 3.74

(R) HANDYMAN HAND DRILL. All-steel frame; hardwood handle; 3-jaw steel chuck, $\frac{1}{4}$ " capacity. Smooth running gears and single pinion. Nickel plated steel trim. Overall 11" long.
 HG-144 Shpg. wt., $1\frac{1}{8}$ lbs. Net 2.40
 8 DRILL POINTS. $\frac{1}{16}$ " to $\frac{1}{4}$ ". In acetate vial.
 HG-145 Shpg. wt., 3 oz. Net .83

(RR) SOFT-FACE HAMMER—For forming soft metals. Ideal for calking boats, for automotive repairs, in home work shop. Replaceable plastic tips will not mar finely finished surface. Hickory handle securely locked in steel center body. Mahogany stained. Head wt., 8 oz. Handle length 11 $\frac{1}{2}$ ". Shpg. wt., 12 oz.
 HG-149 Net 2.66

(S) "HANDYMAN" OPEN RATCHET BIT BRACE. Steel ratchet, ball bearing head, spring alligator jaws, hardwood handle and handle. Nickel-plated finish on steel parts. 10" sweep.
 HG-146 Shpg. wt., $2\frac{1}{2}$ lbs. Net 4.88

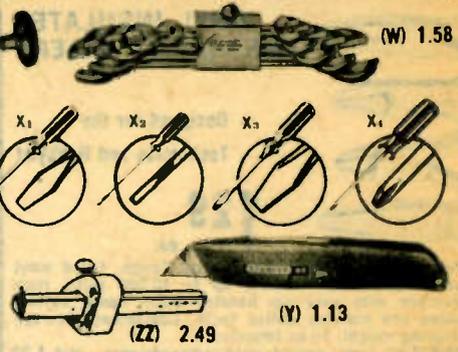
(T) "HANDYMAN" EXPANSIVE BIT w/2 CUTTERS. Tempered tool steel body. For hole size, set cutter to dimension desired and tighten screw. 2 interchangeable steel cutters, $\frac{1}{2}$ "-1", 1-1 $\frac{1}{2}$ ".
 HG-147 Shpg. wt., $\frac{1}{4}$ lb. Net 2.45
 As above but with 2 cutters, $\frac{7}{8}$ "-1 $\frac{3}{4}$ ", 1 $\frac{3}{4}$ "-3".
 HG-148 Shpg. wt., $\frac{1}{2}$ lb. Net 2.93

(U) "HANDYMAN" 4-PC. WOOD CHISEL SET. One-piece, tool steel blade and bolster, heat-treated and beveled. Tough plastic handles. Thin blades—2 $\frac{1}{2}$ " long. Sizes: $\frac{1}{4}$ ", $\frac{1}{2}$ ", $\frac{3}{4}$ ", 1".
 HG-149 Shpg. wt., $1\frac{1}{8}$ lbs. Net 5.40

(V) FOLDING 6-FT. WOOD EXTENSION RULE. Features brass slide for extended 6" measure. Long-lasting yellow finish; graduated in 16ths. Extra thick hardwood sticks; brass-plated non-stretching joints.
 HG-150 Shpg. wt., 8 oz. Net 2.03

(W) "HANDYMAN" WRENCH SET. Five double-end drop forged wrenches with handy, nickel-plated holding clip. Satin chrome finish. Size openings from $\frac{3}{16}$ " to $\frac{3}{4}$ ".
 HG-151 Shpg. wt., 1 lb. Net 1.58

(WW) BRASS CALIPER RULE—Brass caliper accurately graduated in 16ths and 32nds of an inch. Heads are machined for inside and outside calipering—hole diameter from $\frac{1}{16}$ " to 5"; outside diameter up to 3"; overall length up to 5". Shpg. wt., $\frac{1}{2}$ lb.
 HD-216 Net 1.99



(X1-X4) SCREW DRIVERS. Blade and tip of special alloy steel. Tough plastic handles are shaped and fluted for a comfortable grip. * Standard blade and tip; † square blade, standard tip; ‡ light blade, cabinet tip; † Phillips head, #1 point size; ** Phillips head, #2 point size.

Stock No.	Fig.	Shaft Size Dia.	Length	Overall Length	Shpg. Wt.	Net Each
HG-152*	X1	$\frac{1}{16}$ "	3"	6 $\frac{1}{2}$ "	4 ozs.	1.02
HG-153*	X1	$\frac{1}{8}$ "	4"	7 $\frac{3}{4}$ "	5 ozs.	1.02
HG-154*	X1	$\frac{3}{16}$ "	6"	10 $\frac{1}{2}$ "	8 ozs.	1.25
HG-155†	X2	$\frac{1}{4}$ "	4"	7 $\frac{3}{4}$ "	5 ozs.	1.10
HG-156†	X2	$\frac{3}{16}$ "	6"	10 $\frac{1}{2}$ "	8 ozs.	1.43
HG-157‡	X3	$\frac{1}{8}$ "	3"	6 $\frac{1}{4}$ "	3 ozs.	.80
HG-158‡	X3	$\frac{3}{16}$ "	6"	9 $\frac{1}{2}$ "	5 ozs.	.83
HG-159**	X4	$\frac{1}{8}$ "	3"	6"	3 ozs.	.57
HG-160**	X1	$\frac{1}{4}$ "	4"	7 $\frac{3}{4}$ "	5 ozs.	.80

(Y) RETRACTABLE BLADE UTILITY KNIFE. Blade projects to 2 cutting positions—full out and $\frac{1}{4}$ way. Lightweight aluminum handle; inside blade storage area; handy hang hole. 4 heavy-duty blades. Shpg. wt., 4 oz.
 HG-161 Net 1.13

(Z) SET 4 MITRE CORNER CLAMPS. Fully exposes both sides of the joint—allows you to put fastenings wherever you wish. Use on frames down to $3\frac{1}{2}$ " inside. Cast of aluminum alloy. Shpg. wt., $2\frac{3}{4}$ lbs.
 HG-162 Net 1.70

(ZZ) MARKING GAUGE—Hardwood construction with brass face plate, thumb screw, shoe and stop screw. Adjustable pin scores a knife-like line. Free movement with positive locking. Graduated in 16ths for 6". Overall length 8 $\frac{1}{2}$ ". Shpg. wt., 8 oz.
 HD-217 Net 2.49

"FOREMAN" LAYOUT TOOL

279

- DOES ANY LAYOUT WORK WITH EASE
- SCRIBES CIRCLES UP TO 20 FEET IN DIAM.

Not just another rule—but a multi-purpose 10 ft. layout tool. Does any layout work—marking, scribing, squaring out rooms; scales plans; marks any material with hair-line accuracy; accepts knife blade for ripping sheetrock, etc.; marks radius up to 10 ft.; locks in at any place on scale. 10 ft. x $\frac{3}{4}$ " white tape includes scales for 32nds., 16ths., inches, foot plus inch; architects scales, tile layout scale, automatic lock, scribing pin. Shpg. wt., 1 lb.
 HD-310 Net 2.79

WHITE-FACE STEEL TAPE



6 ft. white blade with easy-to-read black markings. Unbreakable die-cast case with bright-plated finish. Case is squared to permit inside and outside readings. Blade is $\frac{1}{2}$ " wide best spring steel. Baked white enamel finish.
 HD-79 Fig. A Shpg. wt., 6 oz. Net .45
 10 ft. tape: (A) Similar to above but 10 feet long—for that added convenience when extra length is needed.
 HD-178 Shpg. wt., 6 oz. Net .75
 50 ft. tape: (B) New 50 ft. white steel tape in non-breakable case. Non-Rust. Clear black numerals on white. Light weight. Easiest rewind—30% less turns.
 HD-179 Shpg. wt., 1 lb. Net 2.45

MASTER Direct Reading Caliper

- Read size directly from scale!
- Measures round, flat, or irregular to 4" thick!
- Precisely calibrated in inches by 32nds!
- Throat accommodates up to 3"!



Measures round, flat, or irregular shapes up to four inches thick. Size is read directly on a 0-4 inch black on white scale calibrated in inches by 32nds. Squeezing handle opens caliper—a spring closes it gently on work. Long, curved legs reach over obstructions to measure up to 3 inches in from the edge of a part. Penetrates to the bottom of grooves and slots only $\frac{1}{16}$ " wide. Knurled thumb-screw locks the caliper at mid-scale position for use as a gauge. Shpg. wt., 1 lb.
 HD-339 Net .98

100 FT. FIBER-GLAS TAPE

- Tougher than steel—more flexible than cloth
- Non-conducting—easily cleaned—always accurate



An extremely accurate, dimensionally stable, non-conducting measuring tape. Lighter and stronger than steel tapes. Unaffected by water. Wipes clean with a damp cloth. Rust proof—no oiling. Can not "kink," bend or break off. Markings can not rub off—extremely resistant to abrasion. 100 ft. tape, $\frac{1}{2}$ " wide. Foot markings in red. Extra heavy case—chrome plated brass rewind handle. Shpg. wt., $2\frac{1}{2}$ lbs. Imported.
 HD-347 Net 7.79
 HD-847 50 ft. tape. Net 4.49

PRECISION 1 INCH MICROMETER



785

- MEASURES TO 0.001"
- STAY-ACCURATE HARDENED PARTS
- MAGNIFIER AND THIMBLE RATCHET

The high accuracy of this fine instrument is maintained because of its superior construction and design. It will hold its tolerances during years of frequent use. Solid one-piece frame. Spindle and screw are hardened to withstand the worst abuse. One piece spindle has accurately ground, precision thread. Calibrated surfaces on spindle and anvil are ground and lapped to a highly polished finish. Easy to use lever type lock clamp holds any desired setting of the micrometer. Thimble ratchet allows just the right pressure regardless of how hard it is turned—obtains the proper "feel" every time. Spindle and thimble ratchet are knurled for non-slip turning. Unbreakable plastic magnifier fits securely over micrometer, allows quick clear reading at a glance. Accuracy permits interpolation to the nearest 1/1,000 of an inch. Measures 0-1". Imported. Shpg. wt., 1 lb.
 HD-846 Net 7.85

LAFAYETTE has MORE PLIERS LOW PRICES BETTER QUALITY

VINYL INSULATED "TEKNIKIT"™ PLIERS

- Designed for the Technician and Hobbyist

129 ea.

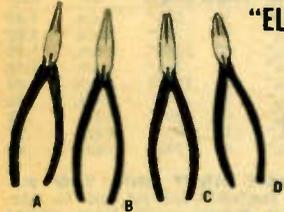
Heavy duty chrome plated pliers. Tough, fitted vinyl handle grips will insulate up to 10,000 volts. High leverage with easy-grip handles. Hand honed cutting edges and machine milled teeth. Guaranteed. Average shipping weight, 10 oz. Imported

- HD-837 6" Long curved nose cutter-stripper... Net 1.29
- HD-838 5½" diag. cutter with stripping notch... Net 1.29
- HD-839 5½" "Ground down" diag. cutter... Net 1.29
- HD-840 6" Long reach-beveled nippers... Net 1.29
- HD-873 Complete Kit of above pliers... Net 4.59

LAFAYETTE

"ELECTRO-PRO"™ PLIERS

199



- Long, Slender Design
- Handles Insulated in Green Plastic Grips

The long reach provided by these quality pliers will afford maximum convenience through leverage and ability to reach into hard-to-get-at places. Jaws are precision-matched, cutting edges hardened and specially honed. Constructed of the finest steel, heat-treated and brought to a smooth polished finish, these pliers are as attractive as they are rugged. Handles are covered by green plastic grips. Overall length, 8" Imported. Avg. shpg. wt., 8 ozs.

- HD-924 8" Round Nose (Fig. A) Net ea. 1.99
- HD-925 8" Flat (Duck-Bill) (Fig. B) Net ea. 1.99
- HD-926 8" Transverse End Cutter (Fig. C) Net ea. 1.99
- HD-927 8" Diagonal Cutters (Fig. D) Net ea. 1.99
- HD-951 4-piece set, one ea. of above Net 6.40

ARC JOINT PLIERS

189



- Fully Chrome Plated

Heavy duty, slip-groove jointed water pump pliers. Fully chromed and polished. 5 adjustments. 1½" parallel opening. Forged steel. Deep milled jaws. 9½" long overall. Shpg. wt., 1 lb. Imported

HD-896 Net 1.89

5½" SPRING-RETURN CUTTERS



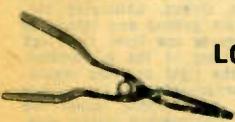
- High Grade Steel

A high quality diagonal cutting plier most often used in service shops, labs, and production lines. Sturdy spring-return—can't catch fingers. Custom honed edges will provide trouble-free service. Size: 5½" overall. Shpg. wt., 6 ozs. Imported.

HD-779 Net 1.49

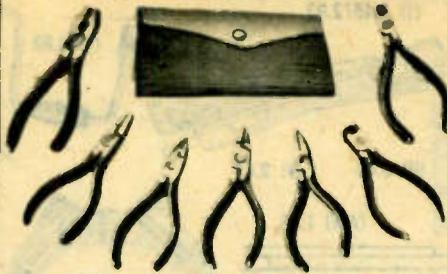
LIGHT WEIGHT LONG NOSE PLIER

.94



Ideal for all types of delicate work and for reaching into hard-to-get-at places. Spring closing—holds wires, nuts, screws, etc. Handy for mechanics, assemblers, hobbyists. 8¾" long, with soft plastic colored handles. HD-462 Shpg. wt., 4 oz. Net .94

PRECISION PLIER SET



- JEWELERS TYPES
- INSULATED HANDLES
- FULL POLISHED CHROME PLATED

389

Matched set of precision pliers for the technician-hobbyist-model maker-craftsman. Particularly suited to miniature electronic work. Size and handle shape matched for accurate exacting work. Overall length approximately 4½". Set includes combination side cutters — flat nose — chann nose — round nose — round/flat nose — diagonal cutters — and cutting nippers. All have insulated, cushioned handles. Drop forged from tool steel. Pre-selected types for a diversity of use. Extra heavy, poly-vinyl, roll up case. Clear view pockets. Can be rolled for easy carry—or hang above bench. Shpg. wt., 1 lb. 6 ozs. Imported

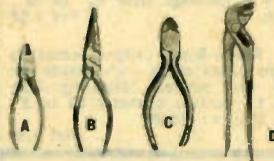
HD-681 Net 3.89



LOCKING PLI-RENCH

Super power locking combination pliers, wrench, clamp and vise. Exerts over 1,000 lbs. of pressure. Heat treated, drop forged jaws. Machine milled teeth. Length 10" Shpg. wt., 1 lb. Imported

HD-126 Net 1.20



ECONOMY PLIERS

Precision made, of heat treated, tempered and hardened steel, these are rugged, rust resistant tools which will withstand years of rough service. Shpg. wt. for each, 1 lb. Imported.

Fig. A. 6" DIAGONAL SIDE CUTTING PLIERS. Custom honed and fitted cutting edges. HD-49 Net .79

Fig. B. 8" LONG NOSE PLIERS WITH SIDE CUTTERS. With provision for stripping wires. HD-51 Net .89

Fig. C. 5" CHROME PLATED DIAGONAL CUTTERS. Also designed for crimping wire. Scientifically honed and fitted cutting edges. HD-355 Net .79

Fig. D. ADJUSTABLE WATER PUMP PLIERS. 8½" versatile, adjustable pliers with 5-position wrench type action. HD-52 Net .79

CURVE NOSE PLIERS



- Chrome Plated

Versatile long-nose pliers bent 45° at midpoint of jaws. Forged from special heat treated, alloy steel and chrome plated to resist rust. Hand honed side cutters. Shpg. wt., 10 oz. Imported.

HD-834 Net .79



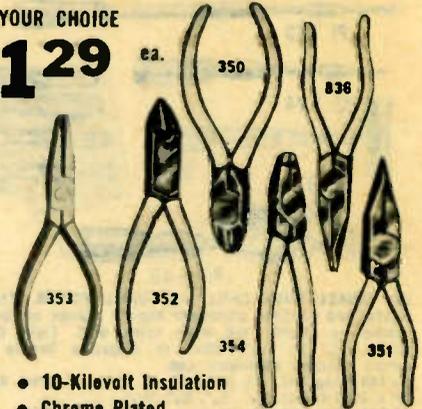
PLIER GRIPS

Tough non-skid insulation. Bright red for easy locating in tool box. Molded rings at end afford length desired. With instructions for applying. Shpg. wt., 6 oz. HD-125 Per Pair—Net .31

VINYL INSULATED "PROFESSIONAL" PLIERS

YOUR CHOICE

129 ea.

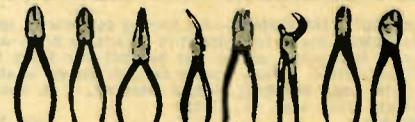


- 10-Kilovolt Insulation
- Chrome Plated
- Tested Beyond Professional Specifications

Professional quality—heavy duty—forged from special heat treated, alloy steel. Chrome plated to resist rust. Insulated with fitted, vinyl, non-silt handle grips—protects up to 10,000 volts. Hand honed cutting edges. Machine milled teeth. Handles shaped for easy grip and maximum leverage. Short fulcrum distance for greater gripping power. Unconditionally guaranteed by Lafayette. Average Shpg. wt., 10 oz. Imported

- HD-350 6" Diagonal cutter-wire stripper... Net 1.29
- HD-351 6" Long nose-side cutter-wire stripper Net 1.29
- HD-352 6" Electronic oblique cutter-wire stripper... Net 1.29
- HD-353 6" Long chain nose-side cutter-gripper Net 1.29
- HD-354 7" Linesman's side cutters-beveled nose... Net 1.29
- HD-836 5½" Transverse end nippers... Net 1.29

KRAEUTER "INDUSTRIAL" PLIERS



- All With Cushion Grip Handles

Fine quality—hammer-forged from high grade tool steel. Individually fitted, tempered and adjusted. Fully polished heads. Rust-resistant cushion grip handles.

Stock No.	Type	Fig.	Description	Net
HD-650	4501-5CG	A	5" Diagonal Cutters	2.58
HD-651	4501-6CG	A	6" Diagonal Cutters	2.94
HD-652	5601CG	B	5" Needle Point Diagonals	2.94
HD-653	1861CG	C	6" Long Nose Side Cutter	2.94
HD-654	1631CG	D	5½" Curved Long Nose	3.05
HD-655	1830CG	E	6½" Side Cutters	2.58
HD-656	710 CG	F	10" Joint Pliers	2.75
HD-658	2612CG	H	6½" Wire Stripper Diag.	3.66
HD-659	4610CG	I	7" Heavy Duty Diag.	2.94

CHANNELLOCK ELECTRONIC PLIERS



- SPECIALLY DESIGNED

Forged from high grade steel, properly heat treated, precision machined for precision work. Specially designed for fine electronics work, these four pliers will satisfy more than 90% of service, repair and construction needs. Do hundreds of jobs easier, faster. Long, slender reach... precision-matched jaws... hand-honed, specially hardened cutting edges. Blue plastic grips. The 748-long reach, end cutters are fine enough to cut a human hair—rugged enough to cut 12 gauge copper wire. The 738-long reach, round nose will pick up a human hair with its precision machined parts. The 728-long reach diagonal cutters have a patented wire stripper that really works. The 718—long reach, flat nose has a bulldog grip with watchmakers precision. Length 8". Avg. Shpg. wt., 8 ozs.

- HD-640 748 Long reach-end cutter... Net 2.53
- HD-641 738 Long reach—round nose... Net 2.33
- HD-642 728 Long reach—diagonal... Net 2.63
- HD-643 718 Long reach—Flat nose... Net 2.33

Depend on Lafayette For Outstanding Values!

6 PIECE RATCHET SCREW DRIVER SET

Three-way ratchet with brass gear mechanism. Five interchangeable fully polished, hardened and tempered tool steel blades. Unbreakable, shockproof, non-inflammable amber handle. Consists of 1—3/4 x 1/4 cabinet, 1—3/4 x 3/8 cabinet, 1—5/4 x 1/4 mechanic, 1—Phillips #1 4/4 x 3/8, 1—Phillips #2 1/2 x 1/4, 1—Amber ratchet handle with chuck. In plastic roll up kit. Shpg. wt., 1 lb. HD-159 Net .98



159 10 PIECE NUT AND SCREW DRIVER SET

Fully polished, hardened tempered, tool steel blades and hex-drivers fine chromite plated for long life. Six nut drivers—3/16", 1/8", 3/16", 1/4", 5/16", 3/8", 7/16", 1/2". Three screw driver blades—6" x 1/4", 3 1/2" x 1/8", Phillips #2 5 1/2" x 1/4". Unbreakable, shockproof, non-inflammable amber handle with flanged chuck. Complete with heavy plastic roll up kit. Shpg. wt., 1 lb. HD-160 Net 1.59

AUTOMATIC SCREWDRIVER-DRILL

• 6 SCREWDRIVER AND DRILL BITS
A three way spiral ratchet screwdriver with 6 replaceable blades. 3/4" and 1/4" standard screwdriver blades; 1 cross point blade; 3/4", 1/2" and 3/8" drill bits. All blades and bits are stored in the clear plastic handle for convenience. 10 1/2" long. Shpg. wt., 1 lb. Imported HD-842 Net 2.39

2-PC. MAGNETIZED "TWO-FISTER" SCREWDRIVER SET

• Over 14" Long
• For 2-Handed Use on Phillips-Type and Regular Screws
• Unbreakable Ebonoid Plastic Handles
Big "Two-Fister" screwdrivers for the really tough jobs—one for Phillips-type screws and one for regular. Each over 14" long with 6 1/4" Ebonoid plastic double handle and 3/8" tool steel blades with giant 8" extension. Magnetized to pick up and hold screws. Shpg. wt., 1 1/2 lbs. HD-929 Net 1.79

165 "RUBBERGRIP" SCREWDRIVER SET

• 4 Most Needed Screwdrivers
• Rubbergrip for Comfort and Torque
Rubber inlaid handles grant maximum comfort and maximum torque. Can't bite into your hands no matter how hard you grip and turn. Extra "Lift" improves balance. Blades are hardened and tempered. Plated to resist corrosion. Set contains 5"x3/8" and 6"x1/4" standard drivers plus 3" x3/8" #1 and 4"x1/4" #2 recessed drivers. Shpg. wt., 1 lb. HD-455 Net 1.65

12 PIECE SCREW DRIVER SET

• 10 Popular Size Drivers
• 2 Metal Wall Racks
Here is a 12-piece screw driver set that contains a size for every job and for every need. Magnetized blades. Plastic handles U.L. approved. Includes 2 metal wall racks for easy mounting. Shpg. wt., 12 oz. HD-406 Net .99

8-PC. PRECISION DRIVER SET

• 6 Interchangeable Blades—
4 Screwdriver, 2 Hex Nut
Six interchangeable blades fit quickly and securely into handle. Phillips head, .100", .055" and .030" screwdriver blades; 3/8" and 1/4" hex nut blades—precision machined, hardened steel. Handle has swivel top. Excellent for model kit builders. Complete with up-right case with transparent dust cover. Shpg. wt., 6 ozs. Imported. MG-201 Net 1.29

MINIATURE SCREWDRIVER-NUTDRIVER SET

Five indispensable tools for the hobbyist and technician. Includes slim shaft 1/4" and 3/8"x3" hex nut drivers, 1—miniature cross point, 1—3/8"x3" standard, and one .100 jeweler's screwdriver. Comes with case holding all five tools. Fits easily in any pocket. Shpg. wt., 4 oz. HD-832 Imported Net .79

WATCHMAKERS PRECISION SCREWDRIVER SET

Handy set of 6 precision screwdrivers with nickel-plated knurled handles, swivel heads and tempered steel blades. One each from No. 0 to 5—blade sizes: .025" to .100". In plastic kit. Shpg. wt., 3 oz. Imported HD-444 Net .69

MINIATURE SCREW HOLDING SCREWDRIVER SET

A tiny SCREW HOLDING Screw Driver Set that contains a swivel-top driver handle whose solid locking chuck takes either the 2 1/2" or the 1 3/4" length blades. Each blade can interchangeably take the spring steel clip that holds all tiny screws better than fingers. All four parts are cleverly contained in a plastic case. Shpg. wt., 4 ozs. HD-646 Net .89

PRECISION SCREWDRIVER SET

Five interchangeable blades insert quickly and firmly into chuck. Blades are precision machined, hardened steel in sizes .100", .080", .070", .055" and 1 awl. Handle has swivel top. Perfect for repairing radios, appliances, cameras, electric razors, musical instruments, etc. Excellent for kite and model builders. Complete with base and transparent dust cover. Shpg. wt., 8 ozs. HD-42 Net .99

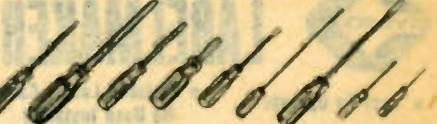
NEW Xcelite PS7 Double Duty Tool Set

Complete with a remarkable "piggyback" torque amplifier (included) which may be slipped over the top of each tool handle, thus providing a larger gripping surface, extending the reach, and increasing the driving power of the tools. Enclosed in a sturdy, see-through plastic case for easy size identification. Nut-drivers; hex openings: 1/4" and 3/8". Screwdrivers, blade sizes: 3/8"x1", 5/8"x1", #0 Phillips, and #1 Phillips. All tools are 3 1/2" in length. Shpg. wt., 1/2 lb. HG-187 Net 3.15

NO. 99 PR MULTI-PURPOSE SET

11 interchangeable nut drivers and screwdrivers in a durable roll plastic kit. 9 nut drivers from 3/8" to 1/4"—double ended standard screwdriver—double ended Phillips screwdriver—single handle for all blades. All blades interchange easily. Shpg. wt., 2 lbs. HD-525 Net 8.67

XCELITE-HIGH QUALITY TOOLS



First quality—rugged—skillfully made—screwdrivers and hex nut drivers. Forged of Chrome Vanadium electric furnace steel. Shock proof—break proof Xcelite plastic handles. Winged end of shaft prevents turning of blade in handle. Perfect burr-free sockets, deep enough to hold two nuts at once. Nut driver handles are color coded. Average shpg. wt. of screwdriver is 6 ozs.—of nut driver 8 ozs.

SCREWDRIVERS

Stock No.	Type #	Shaft Size	Overall	Net
HD-484	R144	4" x 1/4"	8"	.78
HD-485	R146	6" x 1/4"	10"	.84
HD-486	R148	8" x 1/4"	12"	.90
HD-487	R182	2" x 1/8"	2 1/2"	.33
HD-488	R183	3" x 1/8"	5"	.27
HD-489	R184	4" x 1/8"	6 1/2"	.39
HD-490	R186	6" x 1/8"	8 1/2"	.42
HD-491	R188	8" x 1/8"	10 1/2"	.54
SET-SCREW TYPE—with pocket clip				
HD-492	R184 1/2	4" x 1/8"	6"	.27
HD-493	R323	3" x 3/8"	5"	.27
PHILLIPS SCREWDRIVERS—alloy steel				
HD-498	X101	3" #1 pt	6 1/2"	.69
HD-499	X102	4" #2 pt	7 3/4"	.87
HD-500	X103	6" #3 pt	10"	1.17
HD-501	X108	6" #1 pt	10"	.75

HEX NUT DRIVERS

Stock No.	Type #	Nut Size	Length	Net
HD-502	6	3/8"	6"	.75
HD-503	7	7/8"	6"	.75
HD-504	8	1 1/4"	6"	.75
HD-505	9	1 1/2"	6"	.75
HD-506	10	1 3/4"	6"	.75
HD-507	11	2"	6"	.75
HD-508	12	2 1/4"	6"	.75
HD-509	A8	1/4"	9"	.87
HD-510	A10	3/8"	9"	.87
HD-511	A12	1/2"	9"	.87
HD-512	S8	1/4"	3 1/4"	.63
HD-513	S10	3/8"	3 1/4"	.63
HD-514	S12	1/2"	3 1/4"	.63

HOLLOW SHAFT NUT DRIVERS

HD-515	HS8	1/4"	6 7/8"	.93
HD-516	HS10	3/8"	6 7/8"	.93
HD-517	HS11	1/2"	6 7/8"	.93
HD-518	HS12	3/8"	6 7/8"	.93
HD-519	HS14	3/8"	6 7/8"	1.05
HD-520	HS16	1/2"	6 7/8"	1.08
HD-521	HS18	3/8"	6 7/8"	1.14
HD-522	HS20	3/8"	6 7/8"	1.26

NEW! 4-WAY POCKET TOOL

Extremely handy tool for assembling and disassembling. It's a 1/4 and 3/8" nut driver, a no. 1 Phillips screwdriver, and a 3/8" slotted screwdriver. HD-882 Net 1.35

XCELITE HOLLOW-SHAFT BENCH SET

ONLY 798
Perfect for all home workshops, garages, or any do-it-yourself repair jobs. Constructed of heavy, hollow-shaft steel for maximum tool life. Contains all the most used sizes hex nut sizes (3/8", 1/4", 3/8", 1/2", 3/8", 1/2", and 3/8"). Comes complete with handy bench holder. Shpg. wt., 2 1/2 lbs. Net 7.98

NO. 137 BENCH SET

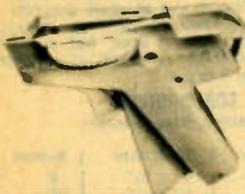
Sturdy, handy, metal bench set. The most frequently used nut drivers—color coded handles—highly polished blades. Size: 3/8", 1/4", 3/8", 1/2", 3/8", 1/2", 3/8". Shpg. wt., 2 lbs. HD-527 Net 7.17

Depend on **Lafayette** For Outstanding Values!



DYMO HOME LABELMAKER

- Easy To Operate
 - Finished Labels Can Be Used Instantly
- Makes Permanent Self-Sticking Raised-Letter Plastic Labels!**



664

A revolutionary new precision tool designed especially for home use. Just dial letters, numbers, symbols—then squeeze embossing handle, pull cut-off trigger—that's all. Embossing wheel has 44 characters. Prints crisp white message on colorful 1/4" vinyl plastic tape. Finished labels are ready to be applied instantly—anywhere inside or outside the home. Tape colors: Black, Red, Brown, Blue, Green and Clear. All tapes have dirt/moisture-resistant high gloss finish, will stick to most smooth surfaces and will withstand temperatures up to 140° F. Tool cuts tab on end of each label for easy removal of the backing strip. Made of heavy-duty plastic to withstand hard, family use. Size 6 1/2 x 6" H. Shpg. wt., 2 lbs.

HG-222 Model M-4 Labelmaker Net 6.64

Embossing Tape Magazines for use with model M-4 above. Each contains 72" of 1/4" wide glossy finish vinyl plastic tape with adhesive backing. Shpg. wt., 1/4 lb.

HG-225	Blue	HG-228	Clear	Net
HG-226	Green	HG-229	Brown	Each
HG-227	Red	HG-230	Black	.75

Cloth Printer Kit. Provides a clean, fast and easy way to mark all clothing when used with your Dymo Home Labelmaker. Use directly on clothing or use the Iron-on label provided. Shpg. wt., 1/2 lb.

HG-223 Net 4.75

HG-224 72 Assort. Iron-On Tapes for above Net .95

1797 No Money Down \$5 monthly

Model M-55 Tapewriter. New chromium plated, die-cast aluminum tool for all office and professional uses. Transparent 44-character embossing wheel lets you see letters as they are made. Message is centered on label automatically. Tab cut-off for easy removal of protective backing. Less 3/8" wide tapes (see below). Net 17.97

HG-221 Shpg. wt., 1 1/4 lbs. Net 17.97

Embossing Tape Magazines for use with Models M-5 and M-55 above. Each contains 120" of 3/8" wide glossy finish vinyl plastic tape with adhesive backing. Shpg. wt., 1/4 lbs.

HD-961	Brown	HD-964	Clear	Net
HD-962	Black	HD-965	Blue	Each
HD-963	Red	HD-966	Green	1.25

LAFAYETTE VIBRO-ENGRAVER

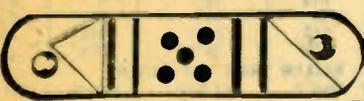
- Easy To Use As A Pencil
- Writes On Glass, Gold, Silver, Chrome, Wood
- Complete—Ready To Use With 2 Hardened Engraving Points and Gold Filler



A handy featherweight marking and engraving tool with a hundred and one applications. Permanent identification—because marks are actually engraved. Can't be erased, wiped off or rubbed out. Ideal for industrial and hobby use to engrave names on tools, name plates, silverware, decorate glass, identify jewelry or radio chassis, etc. In fact you can engrave just about anything with this remarkable tool. Features a pencil-thin plastic body completely enclosing the durable vibro-mechanism; interchangeable tips, speed adjust and a handy AC line cord. On/off switch. Complete with 2 points and gold filler. Shpg. wt., 8 oz.

HD-986 Net 7.95

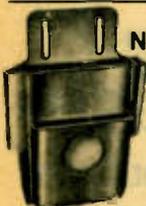
WIRE BENDING JIG



.89

Handi-Bender forms wire sizes up to 1/4" dia. Steel slots and steel bending pins make basic bends such as eyes, angles, curves, circles, and for straightening wire. Makes dozens of useful and decorative articles. Complete instructions included. Shpg. wt., 1/2 lb.

HG-124 Net .89

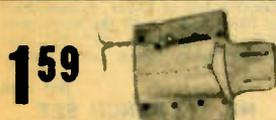


NEW! ONE-PIECE MOLDED TOOL HOLSTER

- No Rivets or Seams to Give-way
- Impervious to Rot, Mildew, Moisture
- 5 Pockets

Here's a one-piece molded tool holster that will give you years of service. No more seams to tear, rivets to pop; no more rotting due to mildew or moisture. 5 pockets—center pocket, 2 front pockets, 2 deep side loops. Double belt loop. Overall 9 1/2" x 6 3/4"

HD-734 Shpg. wt., 8 oz. Net .99



LEATHER TOOL HOLSTER

Heavy, pliable, top grain leather. Stitched and riveted. 5 pockets and tape sling. Practical, rugged tool carrier. Overall size 8 1/2 x 10". Shpg. wt., 1 lb. Imported

HD-860 Net 1.59

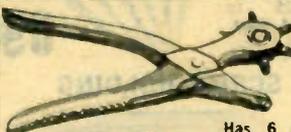
SHEAR MAGIC

- Cuts EVERYTHING!
- From Metal to paper!



High grade, compound leverage, multi-purpose shears. Cuts just about everything that needs cutting. Paper—cloth — asphalt tile — rubber tile — wallboard — wire — sheet metal — cable — shingles — flowers — vines — shrubs — plastic — linoleum — canvas — carpet — metal foil — fibre board — corel — shingles — and hundreds more. 8 1/2" long, chrome plated handles, tool steel blades with black oxide finish.

HD-678 Shpg. wt., 1 lb. Net 1.10

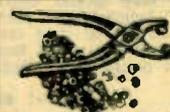


REVOLVING LEATHER PUNCH

.99

Has 6 standard punching tubes. Made of long-lasting tempered steel. Shpg. wt., 12 ozs.

HD-914 Net .99



2-in-1 EYELET TOOL

PUNCHES HOLE—SETS EYELET AT SAME TIME

.99

Punches holes and sets eyelets in fabric—canvas—leather—paper. Use it on belts, shoes, sneakers, tarpaulin, luggage, sports equipment, flags, banners, shower curtains. Prevents tearing of materials—actually strengthens them. Complete with 300 assorted eyelets and instruction. Wt., 1 lb.

HD-906M Net .99

HD-669 Pkg. of 300 Eyelets Net .29



SNAP TOOL FASTENER

.99

Eliminates tiresome button sewing—No more need to search for matching buttons. Simple to operate—Works every time. Comes complete with 8 sets of brass and 8 sets of nickel positive grip fasteners. Many uses—Perfect for shirts, dresses, playthings—ideal for gloves, shoes, belts and many more. Shpg. wt., 1 lb.

HD-907M Net .99

HD-830 Package of 10 nickel and brass snap fasteners Net .29

.89 UTILITY-SWIVEL MIRROR

- 14" Reach
- 2 1/4" Diameter Mirror
- Comfortable-Grip Handle
- Swivel-Head

A handy little aid for mechanics at home or in the shop. Large 2 1/4" diameter mirror on a swivel arm enables you to look into hard-to-see places—no need to "work in the dark". Brightly chrome-plated with easy-to-grip plastic handle. Overall 14" long.

HD-996 Shpg. wt., 8 ozs. Net .89

285 ALL-PURPOSE ALUMINUM PLANE

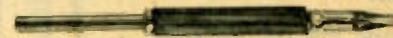


- 4-Edge Disposable Blade Never Needs Sharpening
- Nickel-Plated Screws and Clamp

An all-purpose plane with a tough aluminum rust-proof body. Features a unique disposable chrome-vanadium blade with four factory-sharpened and tempered cutting edges—simply rotate the numbered blade as used edge dulls; no sharpening necessary. Accurate vertical adjustment for tissue-thin to coarse planing; new clamp design prevents shatter. Formfitting handle and knob. Gold hammertone finish, 10" overall length. 1 1/2" blade.

HD-893 Shpg. wt., 2 lbs. Net 2.85

NAIL DRIVER/SCREW STARTER

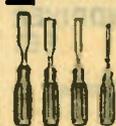


Starts nails and screws straight, anyplace. Heat-treated steel driver rod; rubber sleeve. 8 1/2" long. Shpg. wt., 1 lb.

HD-915 Net, ea. .99

285 SWEDISH STEEL CHISEL SET

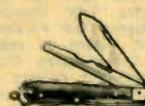
- SIZES 1" — 3/4" — 1/2" — 1/4"



Rugged, tang type, well balanced chisels. Tang extends well into plastic handle. Tough plastic handles outlast wood. Won't mushroom or break. Hand forged hardened Swedish steel, heat treated for lasting sharpness. Shpg. wt., 1 1/2 lbs.

HD-426 Net 2.85

ELECTRICIAN'S POCKET KNIFE



.99

Two-blade knife with safety locking device. Blades: screwdriver, wirescraper; spearshape. Overall size: 3 3/4". Complete with belt loop. Shpg. wt., 6 oz.

HD-912 Net .99

UTILITY KNIFE SET



- Includes Keyhole Saw Blades
- Five piece set includes 1-handle, 2-saw blades, and 2-knife blades. Ideal for cutting wood, metal, linoleum, opening cartons. All metal construction. Knife blades store in handle. Shpg. wt., 10 oz. Imported

HD-835 Net .74

THE RIGHT TOOLS AT THE RIGHT PRICE

Multi-Use WRENCH SET

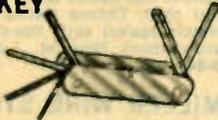
• 8 PRECISION WRENCHES



Fully nickel plated—special analysis alloy tool steel. Heat treated and hardened. 16 sizes cover the most often encountered nuts in the automotive-TV-radio-appliance and hobby fields. Sizes range from $\frac{3}{16}$ " to $\frac{3}{4}$ ". Set includes case with transparent cover. Shpg. wt., 8 oz. MD-405 Imported. Net .59

NEW! 6-IN-1 HEX KEY WRENCH SET

- Six Popular Sizes
- Combined in One Tool



A handy six-in-one hex key set, including the most popular sizes found in set-screws, and other recessed hex-head screws. No longer is it necessary to search for a particular wrench—no longer is the desired size misplaced. Any of the six sizes can swivel out of the handle for instant use. Shpg. wt., 3 ozs. Imported. Net .59

18-PC. HEX KEY WRENCH SET

- Handles 99% of Hex Key Needs!



Set consists of 9 short arm wrenches from .050" through $\frac{1}{4}$ ", and 9 long arm wrenches $\frac{1}{8}$ " through $\frac{3}{16}$ ". Wrenches are made of fine quality tool steel. Bright plated—quality controlled. Packed in 18-pocket plastic roll up kit. Handy kit for shop, garage, home workshop. Shpg. wt., $1\frac{1}{2}$ lbs. Net .99

MINIATURE WRENCH SETS



Five, tiny, offset open end wrenches. All interchangeable use one handle. Tough, heat treated steel. Easily remove or attach the tiny nuts used in sub-miniature electronic work, hobby, aeronautical, automotive, etc. Sizes are $\frac{1}{16}$ ", $\frac{1}{8}$ ", $\frac{1}{4}$ " and $\frac{3}{8}$ ". Shpg. wt., 8 ozs. MD-645 Net 1.64

HEX SOCKET WRENCHES



Five interchangeable, tiny hex socket wrenches. All fit the same handle. Hold tiny nuts for #00, #0 and #1 thread. Easily gets into recessed holes. Fits hex nuts $\frac{1}{16}$ ", $\frac{1}{8}$ ", $\frac{3}{16}$ ", $\frac{1}{4}$ " and $\frac{5}{16}$ ". Magnetized to hold those tiny ones firmly. Complete with dust proof, stand up case. Shpg. wt., 6 ozs. Net 2.61

PHILLIPS DRIVER & ALLEN WRENCH SET



Chuck-type knurled steel handle accommodates #0 and #1 Phillips drivers and #4, #6, #8 Allen wrenches. Handle has torque lever for quick tightening. Handle plus 5 tools. MD-952 Shpg. wt., 7 ozs. Net 1.64

AUTOMATIC PUNCH



Speedy, automatic, and adjustable—a single-hand operated punch gives light or heavy impressions with just the turn of a screw. Shpg. wt., 8 oz. Imported. MD-171 Net 1.98

GIZMO — 9-WAY COMBINATION TOOL

- 9 way Combination tool!
- A tool box in your pocket!

9 handy tools in a compact 4x1" package—plier, cutter, wrench, small screwdriver, large screwdriver, awl, scriber, tack hammer, tack lifter. Screwdrivers can be used offset for leverage, or on end of handle for additional length. For fishing, hunting, auto, workshop, toolroom, etc. With vinyl case. Shpg. wt., $1\frac{1}{2}$ lbs. MD-666 Net ea. .69; 3 for 1.50

25-PC. DELUXE TOOL KIT



2.79

Hardened, tempered alloy steel tools for handy use in the house or workshop. Kit consists of 1 plastic screwdriver handle with aluminum chuck; 4 screwdriver blades ($\frac{1}{4}$ "x $\frac{1}{4}$ ", $\frac{3}{8}$ "x $\frac{1}{4}$ ", $\frac{1}{2}$ "x $\frac{1}{4}$ " flat drivers and one No. 1 Phillips blade); 8 open and box end wrenches ($\frac{1}{8}$ "- $\frac{3}{4}$ ", $\frac{1}{2}$ "- $\frac{1}{4}$ "); 2-way flat ratchet handle; 2-way flexible shaft extension; 2-way $\frac{1}{4}$ " extension bar; 8 steel sockets ($\frac{3}{16}$ ", $\frac{1}{4}$ ", $\frac{5}{16}$ ", $\frac{3}{8}$ ", $\frac{1}{2}$ ", $\frac{5}{8}$ ", $\frac{3}{4}$ ", $\frac{1}{1}$ "). All in a convenient roll pouch with handy pocket for each tool. MD-680 Shpg. wt., $1\frac{1}{2}$ lbs. Imported Net 2.79

RATCHET HEAD SOCKET TOOL



Handles carriage bolts, machine bolts, lag screws, sheet metal screws, machine screws, wood screws, cap screws—any style of head—slotted, recessed, square or hex. Operates in straight or offset position—handy for hard-to-reach places. Universal ratchet head works right, left or locks. Contains Shelton suregrip ratchet handle; straight hex adapter; offset hex adapter; 5 hex sockets— $\frac{1}{8}$ ", $\frac{3}{16}$ ", $\frac{1}{4}$ ", $\frac{5}{16}$ ", $\frac{3}{8}$ ", $\frac{1}{2}$ ", $\frac{5}{8}$ ", $\frac{3}{4}$ "; 3 square sockets— $\frac{1}{8}$ ", $\frac{3}{16}$ ", $\frac{1}{4}$ "; tool steel screwdriver bit for slotted screws; tool steel screwdriver bit for recessed head (Phillips) screws. Complete in durable plastic case. MD-451 Shpg. wt., 1 lb. Net 2.25

7-PIECE SUPER NUT-DRIVER SET



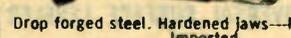
Most popular socket sizes—polished, hardened steel detachable shafts. Plastic handle with precision clutch. Contains: 1— $\frac{1}{8}$ " hex nut shaft, 1— $\frac{1}{4}$ " hex nut shaft, 1— $\frac{3}{8}$ " hex nut shaft, 1— $\frac{1}{2}$ " hex nut shaft, 1— $\frac{5}{8}$ " hex nut shaft, 1— $\frac{3}{4}$ " hex nut shaft, 1—amber handle with chuck. MD-14 Shpg. wt., 2 lbs. Net .99



11-PIECE RATCHET SOCKET SET

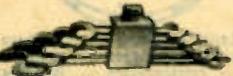
Eight sockets $\frac{3}{16}$ ", $\frac{1}{4}$ ", $\frac{5}{16}$ ", $\frac{3}{8}$ ", $\frac{1}{2}$ ", $\frac{5}{8}$ ", $\frac{3}{4}$ " and $\frac{1}{1}$ ". Flexible shaft drive for those hard to reach spots. Flat, reversible ratchet drive. $3\frac{1}{2}$ " extension bar. Unbreakable, amber plastic handle. Shpg. wt., 1 lb. MD-119 Net 1.59

ADJUSTABLE END WRENCHES



Drop forged steel. Hardened jaws—Polished noses. Imported. MD-43— $4\frac{1}{2}$ ". Shpg. wt., 4 oz. .49 ea. MD-44— $6\frac{1}{2}$ ". Shpg. wt., 6 oz. .59 ea. MD-45—8". Shpg. wt., 10 oz. .69 ea. MD-193—10". Shpg. wt., 1 lb. .95 ea. MD-46M—Set of 4 above. Shpg. wt., $2\frac{1}{4}$ lbs. 2.49

5-PIECE OPEN END WRENCH SET



Streamlined panel bar wrench set. The best designed carbon steel wrench on the market. Ten different openings $\frac{3}{16}$ " to $\frac{3}{4}$ " embossed in wrench. Velco rust resistant finish. With hinged container. Shpg. wt., 1 lb. Imported MD-162 Net 1.49

SAW DRILL



Quickly and easily saws any shape hole in wood, plastic, plaster, wall board, plywood, etc. Gimlet tip starts hole—"teeth" cut quickly in any direction. Drills—routes—enlarges holes. Does the work of a drill and a keyhole saw on many jobs. Shpg. wt., 4 ozs. MD-679 Net .39

7" COMBINATION TIN SNIPS



.89 • CUTS CURVES OR STRAIGHT

Made of forged steel, hardened, tempered and ground. Highest quality polished steel blades retain keen cutting edges. Handles have blue lacquer finish. Shpg. wt., 2 lbs. Imported Net .89



1.20 TUBING CUTTER

A quality cutter for copper, brass, or aluminum tubing. Provides up to 1" capacity. Equipped with alloy steel cutting wheel and slide-lock reamer. Ideal for light plumbing, etc. Shpg. wt., 8 oz. MD-346 Imported Net 1.20

FLARING TOOL



High grade plated tool steel die stock. Rapid opening hinge for swivel cone yoke. Flares all most often encountered tubing. Sizes $\frac{3}{8}$ ", $\frac{1}{2}$ ", $\frac{5}{8}$ ", $\frac{3}{4}$ ", $\frac{1}{2}$ " and $\frac{3}{8}$ " O.D. Shpg. wt., $2\frac{1}{2}$ lbs. MD-716 Net 1.49

5-PC. SCREW EXTRACTOR SET



• FOR $\frac{1}{8}$ " TO $\frac{3}{4}$ " SCREWS
Five piece, chrome vanadium, screw extractor set. Removes broken and mutilated screws—bolts—studs, even $\frac{1}{4}$ " and $\frac{1}{2}$ " pipe. Simply drill damaged screw—twist extractor in—and back screw out. Set consists of 5 extractors in wooden case. Shpg. wt., 1 lb. Imported Net 1.99

NEW! LAFAYETTE CLOSE-QUARTERS HACKSAW



• For Hard To Get At Places
• Only $1\frac{1}{2}$ " From Blade Teeth To Top of Frame
Now—a heavy duty hacksaw for hard to get at places. Using standard 10" hacksaw blades, the height of this handy saw has been reduced to only $1\frac{1}{2}$ " for "cramped corner" work. Chrome plated frame—with positive grip wooden handle. Overall length $16\frac{3}{4}$ ". Shpg. wt., 2 lbs. MD-897 Imported Net .55

HEAVY DUTY HACKSAW



Tubular frame. Adjusts for 8"-10"-12" blade. Contoured handle and thumb rest for firm grip and comfort. Chrome plated tubular steel frame. Imported. 1.35
MD-211—Shpg. wt., 2 lbs. Net 1.35
MD-212—10" Blade 24 teeth per in. 6 oz. Doz. .59
MD-213—12" Blade 24 teeth per in. 6 oz. Doz. .69

Standard Hacksaw. Accommodates 8" to 12" blades. MD-170 Shpg. wt., $1\frac{1}{2}$ lbs. Net .69

FOLDING CAMPERS SAW



Mandy, compact folding saw. Nine-inch spring steel blade folds back into polished, hardwood handle. Special snap lock keeps blade in sawing position. Ideal companion for campers, hunters, or as a gardener's pruning saw. Overall size only $10\frac{1}{2}$ "x $2\frac{1}{2}$ "x $\frac{3}{4}$ ". Shpg. wt., 8 oz. Imported. MD-482 Net .98

NEW! SLIDING TEE BEVEL



- 5" Chrome Plated Blade
- Calibration Marks at 30°—45°—60°—90°

Complete with 5" calibrated scale (marked in inches), angle markings, and locking adjustment. The versatile tool for carpenters and hobbyists. Positive grip—4" metal handle. Shpg. wt., 8 oz. MD-895 Net .59

TOOLS FOR LAB, INDUSTRY AND WORKSHOP



The "ULTRA" Electro-Tool Kit

- Designed with the Technician in mind
- Professional Quality Throughout
- All the most often needed tools

Each component tool chosen to offer utility and quality. The "ULTRA" kit contains the following: 5 1/2" insulated side cutters, 5" insulated chrome plated diagonals, 6" insulated chrome plated long nose, 30-watt soldering iron, 3 offset open-end wrenches covering from 1/4" to 1/2", 5" chrome plated tweezers, shockproof amberoid chuck handle, 3/8" screw driver blade, 3/8" screwdriver blade, #1 recessed screwdriver blade, punch-awl blades, 1/4" nut driver blade, solder and flux. Pliers insulated for 10,000 volts, hand honed cutting edges. Side cutters have beveled nose, diagonals have provisions for wire stripping, long nose has "wrench" grip jaws and cutters. The entire set is nested in a zippered, fitted, lined book type carrying case with handle. Measures a scant 9" x 5" x 2". Shpg. wt., 2 1/2 lbs. MD-345 Imported Net 7.95

13-Pc. COMBO-KIT



DESIGNED FOR RADIO/T.V. SERVICE

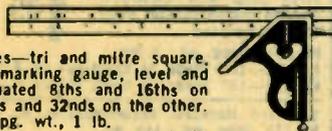
All the most popular service tools in one handy, roll-up kit. Man sized 4 1/2", chuck type amberoid handle with built-in neon tester. Six hardened tempered nut drivers: 3/16", 1/8", 3/16", 1/4", 5/16", 3/8". Three screw driver blades—two standard and one Phillips type. 4 1/2" diagonals with insulated handles and stripper notch. 5 1/2" long nose pliers with insulated handles and stripper notch. Lightweight pencil-type 30-watt soldering iron. All in a tough, plastic, roll-up kit. Imported. MD-664 Shpg. wt., 2 lbs. Net 5.39



UNIVERSAL SQUARE

A versatile precision instrument for the workshop, this universal square can be used as a vertical level, horizontal level, 45° level, or as a square and sliding level. 7" steel blade is calibrated in inches and centimeters, can be accurately set at any angle from 0 to 270°. Length is adjustable. Equipped with scriber. Imported from Germany. MD-967 Shpg. wt., 8 ozs. Net 1.63

COMBINATION SQUARE



Has many uses—tri and mitre square, depth gauge, marking gauge, level and scriber. Graduated 8ths and 16ths on one side, 16ths and 32nds on the other. 12" blade. Shpg. wt., 1 lb. MD-92 Net .98

VERNIER SLIDING CALIPER



Sharp pointed projections for accurate dividing, scribing, etc. Lock nut insures against errors caused by sliding gauge. Rule graduated in 16th and 32nds plus 5" depth gauge. Precision-made. Shpg. wt., 1 lb. Imported. MD-221 Net .95



"EVER-LEVEL"

- Measures Pitch in Degrees.
- Measures Inch Rise Per Foot.
- Floating Pointer for Hairline Accuracy.

Floating pointer gives true level or inclination at a glance. Only 2" square by 1" thick. Molded case of specially selected plastic. Pointer bob floats in oil. Reads any angle instantly. Case design allows leveling from top—bottom—or sides. Nothing to break or get out of order. Imported. MD-185 Shpg. wt., 4 ozs. Net .98

NEW Swingline #101 Stapler Gun



- HIGH COMPRESSION MODEL
- STAPLES WITHIN 1/4" OF CORNER
- 100% JAM PROOF
- OPEN CHANNEL LOADING

Delivers as much driving power as machines twice its size and weight. Highly maneuverable—perfectly balanced—extremely lightweight. All case hardened steel construction. Rust proof, bonderized finish. No oiling required at any time. Uses two staple sizes—4/16" and 3/16"—with no mechanical changes. Used in carpentry—woodworking—fencing—upholstery display work—insulating—screening—weather stripping—etc. Built in staple extractor. Visible staple load indicator. Handle locks flush when not in use. Shpg. wt., 1 1/2 lbs.

HD-322 Net 3.99
 HD-323 Pkg. 1000 4/16" staples Net .40
 HD-324 Pkg. 1000 3/16" staples Net .40

HEAVY-DUTY STAPLE GUN KIT

- Gun Uses 5 Sizes of Staples
- 100% Jam-Proof
- Ideal for Industrial Use



New Swingline heavy-duty staple gun kit. Includes 1000 staples in 5 sizes from 3/16" to 1/4", Swingline's #900 super-drive staple gun and easy-lift staple remover—all in sturdy all-metal utility case. For light or heavy-duty work. Perfect for ceiling tile, light metal, upholstery, carpentry, plus many other industrial uses. Gun has fast, exclusive open channel loading, is 100% jam-proof. Loads 84 staples. MG-193 Staple gun kit. Shpg. wt., 5 lbs. Net 11.97

Extra Staples, 1000 per pkg.
 HG-194 1/8" length 3/16" Shpg. wt., 4 oz. Net .42
 HG-195 1/8" length 1/4" Shpg. wt., 5 oz. Net .42
 HG-196 1/8" length 3/8" Shpg. wt., 6 oz. Net .45
 HG-197 1/8" length 1/2" Shpg. wt., 7 oz. Net .53
 HG-198 1/8" length 3/4" Shpg. wt., 8 oz. Net .58

CABLE TACKER

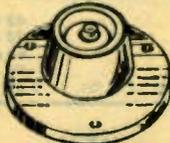
1125



Swingline fast-action staple gun for fastening low voltage electric and telephone wire, cable, rods, barbed wire, etc. Fires arched crown staples, 1/4" x 3/8". Features fast, exclusive open channel loading, visible staple load indicator, high-powered spring action. Narrow width permits reaching into tight places. Tacker handle locks to fit in pocket and prevent accidental firing. Shpg. wt., 3 lbs. MG-199 Cable Tacker Net 11.25

Extra staples for above, 1000 per pkg. MG-200 Shpg. wt., 8 oz. Net .59

"LEVEL-UP" UNIVERSAL SURFACE LEVELER



- Keep your Equipment on the level.
- 3 for 1.20

.49

Level anything—anywhere—anytime! Shelves—reocard changers—shop tools—cameras—stoves—refrigerators—building projects—cabinets—trailers—and many more items. Simply center the bubble in the ring. The "Level-Up" may be mounted on a larger base, or, trued up board, for spanning large areas. A professional tool—a home craftsmen necessity. Shpg. wt., 4 ozs. Imported. MD-680 Net ea., .49 3 for 1.20

4-PIECE PAINT BRUSH KIT



Ideal for "Do-It-Yourself" painters. All pure bristle—vulcanized in rubber. For touch-up, trims, furniture, sash and moulding. Consists of 1 each—1/2", 1", 1 1/2", 2" brushes. Packed in a polyethylene bag. Shpg. wt., 6 ozs. MD-398 Net .98

FORGED STEEL HAMMER



All steel—curved claw style—one piece construction. Eliminates broken handles and flying heads. Well balanced for non-tiring use. Non slip—suede finish—rubber grip. Shaped like conventional wooden handle. MD-481 Shpg. wt., 2 lbs. Imported Net 1.89

CLAW-HEADED TACKHAMMER

- CHROME PLATED

Balanced high quality forged steel 7 oz. tackhammer with steel shaft. Chrome plating enhances appearance and protects against rust. Non-slip rubber grip shaped to hand contours. Shpg. wt., 1 lb. Imported. MD-844 Net .79

MILLER WIRE STRIPPER

.87



A really good wire stripper and cutter. For any size wire, stranded or solid. Adjustable arm on handle for varying wire sizes. Cuts and strips at any point along wire. Made of hardened tool steel—finely ground cutting edges. For serviceman—strip—or production work. MD-188 Shpg. wt., 4 oz. Net .87
SELF OPENING STRIPPER:
 Similar to above except has built in spring device to hold cutter open. Speeds work on production line. Has ring—latch to hold blades in closed position. MD-189 Shpg. wt., 4 oz. Net 1.13

Deluxe Automatic Wire Stripper

- "Delayed Action Return"
 - Strips solid or stranded
 - 4 hole precision ground blades
 - Strips sizes 12 to 20
- Automatic—efficient—easy to use. Delayed insulation from all wires, 12 to 20, neatly and quickly. Delayed return action prevents crushing fine wires. A real time saver for servicemen—electrical workers—production lines—etc. Narrow spaced handles for easy grip. Lightweight and easy action for less fatigue. No bother of changing blades or adjusting cutter for varying wire sizes. Extremely well built for years of service and uniform performance. Shpg. wt., 1 1/4 lbs. HG-366 Net 3.45
 MG-367 Replacement Blades for Above. Shpg. wt., 6 oz. per pr. Net .97

NEW—CRIMPING TOOL

- Crimps insulated and non-insulated terminals
 - Cuts Bolts - Strips Wire
- New model also crimps solderless terminals and connectors. Three tools in one! Cuts and strips wire from sizes 22 to 10. Cuts brass or steel machine screws without damaging the threads; size 10-24, 10-32, 6-32 and 4-40. Has accurately sized stripping notches and precision threaded cutter holes plus stud size gauge stamped on tool. Hardened steel, shock-proof plastic handle. MD-66 Shpg. wt., 1 lb. Net 3.83

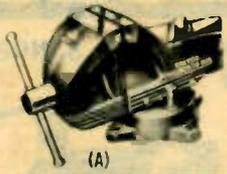
WIRE .59 STRIPPER-CUTTER

Tempered steel—handy—easy to use wire stripper. Pawl can lock sets to wire gauge. Designed to fit your grip—uses minimum pressure. Specially ground cutting edges. Cuts and strips at any point along wire. For service or light production work. Shpg. wt., 1/2 lb. MD-264 Net .59

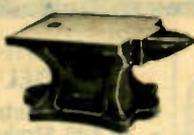
TORPEDO AND LINE LEVEL SET .99

Nine way aluminum torpedo level with chrome plated top. Has three level vials; horizontal, vertical plumb, and 45°. Precisely machined base. Rust proof—can't warp. Line level is hex shaped for use as surface level; aluminum for light weight—less than 1/2 oz. 2 hooks hold level securely on line. Shpg. wt., 1 lb. Imported. MD-241—Set of 2 levels Net .99

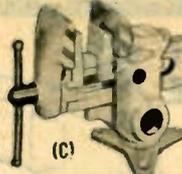
LAFAYETTE'S LEADING TOOL VALUES



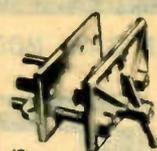
(A)



(B)



(C)



(E)



(F)

SHOP KING SWIVEL VISE (A): 3½" wide, serrated, hardened steel top jaws open to 4" maximum. Swivel base has 200° rotation—locks by slide for nut. Equipped with easily removed pipe-vise jaws. Beautifully designed—precision machined—sturdily constructed. Complete with polished, removable top jaws—pipe jaws and cut-off tool. Flange mount bolts to bench. Shpg. wt., 18 lbs. HD-106 Net 9.90

"LITTLE SMITH" ANVIL (B) is the perfect companion for the hobbyist-linker-model maker—or just plain foolin' around. Measures only 4½x2½x2½" overall. Rugged enough for heavy pounding—sized right for home or hobby. Makes a perfect paper weight for the craftsman's bench or desk. HD-340 Shpg. wt., 2 lbs. Imported Net .98

VERSA-VISE (C): All the features of a regular vise—plus—locks in any position, just tighten-jaws. Turns to any work position. Use standing or laid flat—turns 360° either way. Larger jaw surfaces—3½" x 2½"—plus removable pipe jaws. Jaws open 5". Shpg. wt., 17 lbs. HD-282 Net 10.49

Right Angle Adapter: Adds bench attachment for holding work at any angle. Shpg. wt., 2½ lbs. HD-283 Net 2.18

SWIVEL CLAMP-ON VISE (D) 2½" wide jaws—open to a maximum 2½". Twin guide rods and precision drive screw assure smooth action—rigid grip. Jaws accurately machined, polished and lacquered. Unexcelled for ordinary jobs in shop, home or garage. Shpg. wt., 3½" lbs. Imported. Net 1.99 HD-107

WOODWORKERS VISE (E) A fine, practical tool for the small shop-home-farm or garage. Guides are of finely machined cold rolled steel. Gray iron jaws—face ground and finished. 5/8" diameter screw—6 thread per inch. Shpg. wt., 6 lbs. Imported. Net 1.99 HD-182

TEKNI-TOOL SWIVEL TURRET VISE (F) Precision, swivel, turret vise for the machinist—technician—hobbyist. May be clamped-on or bolted to bench top. Twin, smooth faced jaws open to a maximum of 2". One set 1½" wide, the other set 2¾" wide. Small, stationary jaw is V-grooved for gripping round stock. Positive lock in both swivels. Shpg. wt., 5 lbs. Imported. Net 5.49 HD-848

PORTO-VISE

- Holds Firm and Fast Anywhere
- No Clamps or Screws Needed

4.98

A truly portable vise—holds firm and fast to any smooth non-porous surface. Uses vacuum power to hold, attaches or releases in seconds with simple lever movement. 2¼" wide jaws with double "V" grooves hold all work securely without damage. Jaws open to 2¼". In metallic green, shpg. wt., 4 lbs. HG-341 Net 4.98

IRON MIKE JR.—POWER HACKSAW

- Power By Any ¼" Electric Drill
- Works Unattended
- Cuts Up To 3" Steel Bars

18.95



Designed to be driven by any standard ¼" electric drill. Can be fastened to bench or attached to a board for portable use. Saws up to 3" steel shafting, pipes, angle irons, etc. Ruggedly constructed of steel with bearing materials at all points of wear. Has built-in vise to hold work. Uses standard 10" blades, works unattended, and produces clean cuts. Completely reliable and will never overload drill motor. HG-343 Shpg. wt., 9 lbs. Net 18.95

NUT CRACKER

- Handles Every Size Nut From ⅜"-1⅜"
- Fast Positioning—Never Fails

5.95



Handy tool for cracking "frozen" nuts from ⅜" to 1⅜" across flats. Cannot damage bolts. Never fails—set chisel at the right-angle to the flat of the nut, grip firmly and swing your ratchet on forcing screw. Applies

HG-344 Shpg. wt., 1½ lbs. Net 5.95

24" HEAVY-DUTY BOLT CUTTER

5.25

Cuts bolts, spikes, cable, fencing. Compound leverage for tremendous cutting power—will shear through ¾" bolts. Cutters made of drop forged hardened and tempered steel. Has polished head and jaws. Alloy steel handles have rubber bumpers on inside. HG-342 Net 5.25

GRA-TITE

Multiplies Your Strength More Than 20 Times



- Over 2000 Lbs. Capacity
- For Home, Farm, Shop, Autos, Camping, Civil Defense
- Lightweight Sturdy Construction

22.50

The Mighty Muscle provides you with tremendous lifting or pulling power with an over 2000 pound capacity. Actually multiplies a man's strength more than 20 times. Cannot be accidentally disengaged. Steel aircraft cable of ¼" diameter has over 4,000 lbs. test strain. Easy to operate. 8 holes for handle give maximum number of adjustment positions. Lightweight, the complete assembly weighs only 6 lbs. Complete assembly includes cable, hook and 12" steel handle. Shpg. wt., 7 lbs. HD-989 Net 22.50

DRILL STAND

- Fits All ¼" or ⅜" Electric Drills

.88



Stand attaches easily to workbench with screws provided. Ideal for buffing, grinding, sanding, wire brushing, etc. Clamp fits all electric drills. Sturdy, compact. Holds drill vibration-free—leaves both hands free to hold work. Shpg. wt., 3 oz. HG-345 Net .88

BUTANE TORCH KIT

- 2 Torch Heads, 2 Attachments
- Gives 4 Types and Sizes of Flame

4.41



Kit includes: large 24 oz. throw-away fuel tank; general utility torch head giving powerful flame for heavy work (sweats up to 4" copper tubing joints); flame spreader attachment for above head that spreads flame for burning paint, thawing pipes, etc; pencil flame torch head that concentrates high heat in small area; utility flame adapter for pencil flame head that provides small general purpose flame. Heads and attachments installed easily in seconds—give you the right flame for every use. Complete with full instructions. Shpg. wt., 2½ lbs. HG-347 Torch Kit Net 4.41
HG-348 Extra tank torch fuel. 24 oz. Net .98

32-PIECE SOCKET SET

4.59



A complete socket set for auto, marine, etc. Made of carbon tool steel, chrome plated. In durable, enameled metal case. Contains: ½" DRIVE TOOLS—Ratchet, screw-driver adapter, L handle, and ⅜, ½, ⅝, ⅞, 1⅜, ¾, 7/8, 1½ sockets. ¾" DRIVE TOOLS—Ratchet, adapter, L handle, and 1/2, 3/8, 1/2, 5/8, 3/4 sockets. ¼" DRIVE TOOLS—Unbreakable flex handle, 3/8 to ¾ reducing adapter, and 3/32, 1/16, 3/32, 1/8, 1/4, 3/8, 1/2, 5/8, 3/4 sockets. Also included, 14 mm spark plug socket, crosshandle. Imported. Shpg. wt., 5 lbs. HG-346 Net 4.59

RAM ¼ HORSE POWER ELECTRIC HEDGE TRIMMER

- 1800 Cutting Strokes Per Minute
- 14" Tempered Steel Blade

24.03

No Money Down \$5 monthly SEE PAGE 412



A full ¼ horsepower hedge trimmer ideal for straight or angle shrub trimming. A 14-inch tempered steel blade with "vari-action" design delivers 1800 cutting strokes per minute. Handle is adjustable for right or left hand use. Mirror finish housing contains a powerful, air-cooled 115V AC-DC stall-proof motor. Complete with heavy-duty 50-foot 3-conductor cord. Shpg. wt., 10 lbs. HD-932 Net 24.03

"STANDBY" HANDY STAND

1.69



Adjustable butane torch holder that cradles torch at any desirable angle. Avoids drooping, breaking, reduces fire hazard—acts as a third hand. Heavy gauge, satin finish aluminum and fully adjustable. Will stand almost anywhere, workbench, step ladder, uneven ground, etc. Safe, practical. Shpg. wt., ½ lb. HG-349 Net 1.69

SELECTED FEATURE VALUES

WELLER SABRE SAW, MODEL 88

- 4.8-Amp Reciprocating Motor
- Ultra High Speed
- With 4 Wood-Cutting Blades and Blade Wrench



A versatile portable saw cuts up to 1½" thickness in soft wood, ¾" in hard wood. Rips, cross-cuts, scrolls, notches. Blade retraction frees blade of friction and chips. Ultra high speed with short stroke—excellent for cabinet and finish work. Easily handled, doesn't buck. Air-cooled 4.8 amp reciprocating motor. High impact thermoplastic housing. Complete with 8-ft. cord, 4 wood-cutting blades, blade wrench. 120V, 60 cycle, AC. Shpg. wt., 6¼ lbs. Net 16.88

SUPER DUTY JIG & SABRE SAW

14⁸⁸

- Powered by General Electric



Now it's easier than ever to handle dozens of cutting jobs with this power-packed, yet compact and light-weight saw. Use it as a rip, crosscut, coping or a keyhole saw. Tilts up to a 45° angle. Cuts up to 2" in wood, plastic, metals and most other materials. Saw-dust blower removes sawdust as you cut. Motor runs at 4800 strokes per minute. Instant top control switch for extremely easy operation. Three wire cord for extra safety. Shpg. wt., 4½ lbs. Net 14.88

WELLER HI-POWER PRO SANDER MODEL 77

- 4.8-Amp Motor
- 14,400 Strokes Per Minute
- Straight Line Action
- 26 Sq. In. Sanding Surface



Dynamic new heavy-duty reciprocating 4.8-amp motor gives 14,400 strokes per minute. Professional straight line action; sands flush to perpendicular surfaces on either side by simply moving knob to other side. Maintenance free—lubricated for life. Large 26 sq. in. sanding area. Handle, housing and plate of rugged plastic. Stroke length ½". 8-ft., 3-wire cord. 120V, 60 cycle, AC. Shpg. wt., 6½ lbs. Net 14.66

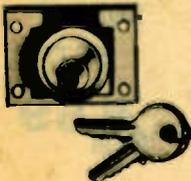
NEW SELF LOCKING HASP-LOC



2²⁵

Security's new self locking unit is self contained; no need to purchase a separate padlock. No keys required to lock; keys used for opening only. Heavy-duty and rust proof. Takes little effort to install—all you need is a screwdriver. Size 4½". Shpg. wt., 1 lb. Net 2.25

SOLID BRASS DRAWER LOCK



.79

Rugged, pin tumbler type for positive locking action and smooth release. Made of solid brass—not die cast—for extra reliable operation. Extremely useful for converting a drawer to a safe keeping place. Shpg. wt., 4 oz. Net .79

SOLID BRASS PADLOCKS



1¹⁵

Cylinder type padlock for extra strength and ease of operation. Entire body is made of solid brass for extra long life. Chrome plated hardened shackle. Shpg. wt., 4 oz. Net 1.15
 HG-332 1½" padlock
 HG-333 2" padlock Net 1.85

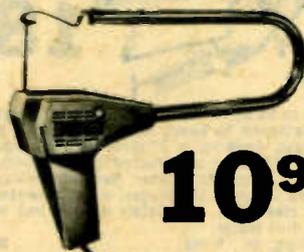
DIE CAST DOOR STOP

Double strength zinc die cast construction with scuff free chrome finish prevents chipping... peeling... or rusting. Mar and scratch proof neoprene stop pad will not mar floor. Fits any door... 1¼" plunger accommodates any still height. Shpg. wt., 1 lb. Net 2.25



2²⁵

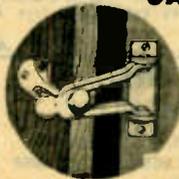
ELECTRIC SCROLL SAW



10⁹⁵

This new scroll saw is the latest innovation in "free hand" cutting saws. Easily cuts intricate scroll work... saws wood up to ¾" thick, asphalt, rubber and plastic floor or wall tiles, aluminum and light metals. Its wide range of uses make it indispensable for home owners, hobbyists, carpenters, and craftsman. The thin, fast cutting blade saws so smoothly, no sanding is required. High-speed reciprocating motor produces 7,200 strokes per minute. Unique 4-way blade holder permits cutting in any direction. Shpg. wt., 3 lbs. Net 10.95
 HG-356
 Pkg. of 12 replacement blades for above Net .47
 HG-294

SAFETY LOCK

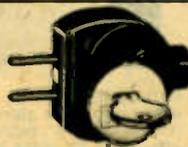


1⁴⁹

Intruder proof, one-piece heavy casting construction will not snap or break under force. Heavy-duty triple chromed finish prevents unsightly chipping, peeling or rusting. Can even keep door securely open for ventilation on hot days. Quickly secured or released. Shpg. wt., ½ lb. Net 1.49
 HG-358

YALE LOCK-IT PLUG WORKSHOP SAFEGUARD

1³⁹



Easy to install. Replaces A.C. plug on any equipment you choose to keep "locked". Prevents accidental or unauthorized use of any electrical equipment. Use on fans, power tools, soldering equipment, hot plates, photo equipment, battery chargers, even the TV—if you want it kept off! Shpg. wt., 6 ozs. Net 1.39
 HD-714

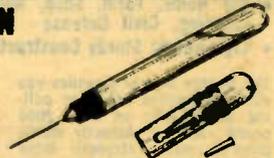
MAGNETIC PICK-UP TOOL

- Flexible Shaft Bends Around Corners

Ideally suited for the home, workshop, or the professional. Magnetically "picks up" iron and steel objects. Flexible shaft actually bends around corners—reaches hard to get at places. Fully two feet in length. Grip is of shockproof vinyl. Net .89
 HG-354

PRECISION OILER

.66



Puts a drop or a squirt of oil where you want it. The only practical instrument for precision oiling. Spout is only .003" dia. Made of stainless steel and butyrate. Filled with clear, non-staining machine oil. Can be refilled. Hypo action prevents messy, harmful overoiling of precision equipment. Shpg. wt., 4 oz. Net .66
 HD-311

GRINDING & POLISHING HEAD

3⁸⁵

Equipped with double tool rests. Has DuPont nylon bearings that insure quiet, smooth running and require little or no lubrication. 2" Pully-universal, for "V" and round belt. Shaft—¾" dia. x 9¾" long—½-20 thread. 6½" overall height. Shpg. wt., 7 lbs. Net 3.85
 HG-122



LAFAYETTE LAB AND SHOP ESSENTIALS

TWIN-WELD EPOXY ADHESIVE



- Attach Anything to Anything-Anywhere
- Steel-hard permanent repairs in minutes
- Won't shrink—can't expand
- Can be shaped-cast-drilled-sawed-sanded

An advanced, flexible epoxy formulation. Engineered for permanent adhesive use for metal-wood-glass-ceramics-concrete-hard rubber-fiberglass-brick and many other materials. Quick, easy, professional repairs. Mends anything. Ideal production line "filler." Can be molded to any shape—no sagging or draping—perfect for duplicating and shape-making. Use as a "tool-holder"—as coating or filler—as a gasket—as caulking—as a dielectric. Chemically and dimensionally stable. Safe—no solvents. Non-toxic, non-allergenic. Shpg. wt., 1 lb. **MD-685** Net 3.49

TWIN-WELD "Super-Pak": Giant size package of famous epoxy adhesive. 15 ozs. in a poly twin pack. Enough for small industrial demands. Will not "age" in the container if properly capped. Shpg. wt., 1 1/2 lbs. **MD-919** Net 3.67

ECCOBOND 26

STICKS ANYTHING TO ANYTHING FOREVER!

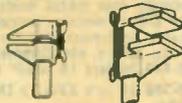


New epoxy resin patch kit—handiest bonding agent ever for the lab bench or production line. Many industrial applications—repairs tools, hardware—furniture—boats. A resilient epoxy polymer—features permanent adhesion to metals, plastics, paper, ceramics, etc. Patches and bonds anything! Cures in four hours at room temperature—in minutes at 150 F. Chemically inert—physically extremely strong. Forms a permanent part of the repaired item. Can be sanded or worked—takes paint readily. White color. Mixes easily—use only as much as you need. Shpg. wt., 8 ozs. **MD-663** Net 1.96

Lots of 6. Net ea. 1.45

NEW! NYLON MINICLAMPS

- Reaches Areas Where No Other Clamp Will Work
- For Home, Hobbyists, Electronics, Workshops
- Featherlite—Vise-Like Grip



A completely new, lightweight clamp for those small and impossible clamping jobs. Constructed of tough, durable nylon and as useful as a third hand. Miniclamps are ideal for most soldering jobs requiring normal temperatures, are unaffected by most glues and cements used in model making, etc. The larger Miniclamps are handy enough for heavier jobs. You get 5 clamps (3/4", 1/2", 3/4", 1", 1 1/2" jaw sizes), 4 platens, and rubber bladders. Shpg. wt., 6 oz. **MD-649** Net .95

HIGH QUALITY CLAMP SETS



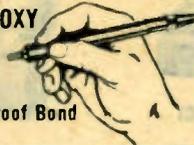
Indispensable to the do-it-yourselfer, hobbyist or professional repairman. These screw-type clamps are made of malleable tool steel, and are available in 1", 2 1/2", and 3" jaw sizes, in sets as follows: 1-3" and 1-1" clamp or 1-2 1/2" and 2-1" clamps. **MD-870** 1-3" and 1-1" clamp. Shpg. wt., 20 oz. Net .69 **MD-871** 1-2 1/2" and 2-1" clamps. Shpg. wt., 18 oz. Net .69

FILE RASP

- Files Twice as Fast!

Works twice as fast as old fashioned files. Cuts on forward and back strokes. Even sideways or circular motions. Excellent for shaping—notching—finishing—and fast stock removal. For use on wood, plastic, composition, glass, plaster, porcelain, etc. Two abrasive surfaces—one side coarse (46) grit—other side medium (80) grit. Resists loading—cleans easily with solvent, hot water or wire brush. 14 inches long—flat face. Shpg. wt., 1/2 lb. **MD-673** Net 1.10

PLASTIC ASSOCIATES EPOXY PENCIL APPLICATOR



- Unusual Adhesive Strength
 - Tough, Permanent, Waterproof Bond
 - Environmental Protection
- ### THERMA-BLEND EPOXIES

Now epoxy resin may be applied as easily as solder is applied with an iron. Simply—remove all dirt and oil from bonding surfaces and apply Cetron Epoxy Pencil to warmed surface. May be cured (warmed) from 245-420°F. Cures in 7 minutes @ 420°F, 12 hours @ 245°F. Dry shear strength is 4110-5470 PSI. Dielectric constant 3.5. Solid at room temp; softens at 105°F, bonds at 200°F. Instantly usable without storage. Shelf life—1 year @ room temp. Aluminum collet holder and 3 refills of amber epoxy filler. Shpg. wt., 4 oz.

Stock No.	Description	Net Each		
		1-9	10-99	100-Up
HD-934	Pencil w/3 Sticks	1.95	1.50	1.35
HD-935	Stick Refill (Pkg. 10)	1.80	1.50	1.30
HD-968	Paste—Tube, 1 1/4 oz.	1.95	1.50	1.35
HD-969	Liquid (1 pint)	4.95	4.00	3.40
HD-983	Tape—1/2" x 36 yd.	5.40	4.59	4.05
HD-984	Tape—1" x 36 yd.	10.80	9.18	8.10
HD-981	Spray Can—6 oz.	2.70	2.30	2.02
HD-970	Sheet—12" x 12"	1.95	1.50	1.35
HD-985	Sheet—50" x 100 yd. Roll	8.40		

REDI-BLEND EPOXIES

Two-component cements in unique, self-contained Pa kit mixer package. Contents are mixed on-the-job, just pour to use; after use package is thrown away. REDI-Blend epoxy contains precise amount of each component for perfect use and maximum strength. Shpg. wt. 3 oz. Net Each Kit 10-99 100-Up

Stock No.	Description	1-9	10-99	100-Up
HG-102	Kit of 10 (1/10 oz.) 1-shot pkgs.	2.45	1.95	1.70
HG-103	Kit of 10 (1/5 oz.) 1-shot pkgs.	3.90	3.00	2.70

NEW MASTER FINISHER



A master tool for all hand finishing jobs, both coarse and fine; also for grinding, polishing and other uses in home and shop. Holds sandpaper and abrasive, quickly replaceable. 5 1/2" long body, tapered. **MD-414** Shpg. wt., 8 oz. Net .72

2 INSULATED TUBE PULLERS

.99



Straight type (about 8" long) and bent type (about 7" long). Shpg. wt., 1 lb. Imported **MD-911M** Net, per pair .99

VINYL PLASTIC

ELECTRICAL TAPE

- 60 Ft. x 3/4"
- .008 in. THICK
- 10,900 V. BREAKDOWN



First quality, pressure sensitive polyvinyl chloride tape. Extremely high dielectric strength of 10,900V breakdown. Insulation resistance of one million megohms. Over 150% elongation at break. Excellent resistance against acids, alkalis, oils, salt water, etc. Tensile strength of 15 lbs. per in. High conformability. Forms tight, smooth protective wrap. Shpg. wt., 4 oz. Import **MD-216** Net, ea. .54

LARGE PLASTIC TAPE KIT: 10 rolls of vinyl plastic tape. Each roll 33 ft. by 3/4". 1 ea. of Red, white, sky blue, blue grey, yellow, brown, green, black and orange. Shpg. wt., 1 1/2 lbs. **MD-478** Net 2.65

SMALL PLASTIC TAPE KIT: 6 rolls, 7 ft. x 1/2" vinyl plastic tape. 1 ea. of red, yellow, blue, green, black and transparent. Shpg. wt., 5 ozs. **MD-477** Net .59

INSL-X TOOL DIP

Extremely high dielectric strength for maximum protection. No more tedious taping of tool handles. Just dip and let dry. Resists acid, alkali, water and oil. Bright red color locates your insulated tool at a glance. Also recommended for use on Radio & TV parts. 6 oz. can. **MS-50** Net .79



MAGIC MENDERS



Quick, easy, permanent repairs for home, auto, farm, boat, industry—a 1001 handy uses. Ready-to-use paste form, sticks to almost any material.

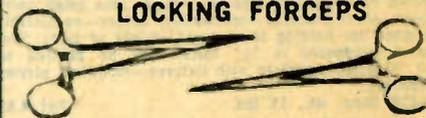
EPOXY STEEL. Combines strength of epoxy resin with hardness of steel. No heat or pressure needed. Can be sanded, filed, drilled when dry. 14 oz. "Shop size Kit" P-414 Shpg. wt., 1 lb. Net 2.69

PLASTIC ALUMINUM. Dries metal hard in 3 hours. Waterproof, heat proof to 600°F. 5 1/2 oz. tube. Shpg. wt., 8 oz. **P-415** Net .75

MAGIC STEEL. No heat or mixing, dries tough steel hard. 6 1/2 oz. tube. Shpg. wt., 9 oz. **P-416** Net .75

MAGIC METAL. Cold solder works like putty, hardens into metal. Unaffected by water, gas, oil. 1 1/2 lb. can. P-417 Shpg. wt., 2 lbs. Net 1.69

LOCKING FORCEPS



All stainless steel 6" long. They have unusual holding qualities necessary in many servicing situations. Shpg. wt., pkg. of 10, 1 1/2 lbs. **MD-528** Straight Nose Net 2.45

MD-529 Curved Nose Net 2.45

ELECTRA-SPRAY

- FOOLPROOF SPRAY PAINTING
- INCLUDES NEW VISCOMETER



746

Sprays every kind of sprayable paint or liquid—adjustable, jeweled nozzle provides fine, medium or coarse spray. Completely rustproof construction. Brass and stainless steel parts. High impact plastic housing. 22 ounce interchangeable mason-type jar. Electro-magnetic motor never needs oiling or adjustment. Comfortable pistol grip handle with self-releasing trigger switch. The new VISCOMETER insures perfect paint consistency—regardless of brand—every time. Complete with 8 ft. heavy duty cord, 22 ounce jar, viscometer, wrench and instructions. For 115 V. A.C. only. Shpg. wt., 5 lbs. **MD-691** Net 7.46

AERO/MATCH SPRAY BRUSH



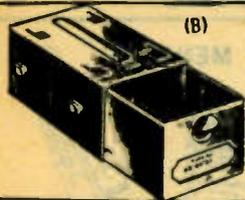
only 1.83

- CAN SPRAY MIXED COLORS
- COMPLETELY PORTABLE—NON-ELECTRIC

Now you spray and match exactly the same paint you buy for brushing. Since you fill the sprayer with your own paint, you can match anything—even multi-colors. The 15 oz. power unit is bigger, more powerful—outlasts about three aerosol paint cans. Operates on a non-toxic, non-inflammable, pressurized gas. Unsurpassed for small or medium paint spraying. Spray brush requires no special skill... easy to use... easy to clean. Precision spray needle is made of metal and set in metal. Not affected by paint solvents. Can spray any liquid paint, insecticide, polish, antiseptic, etc., and many powders. **MD-972** Net 1.83

MD-973 Replacement Power Unit 1.24

SPECIAL WORKSHOP VALUES



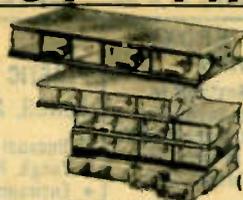
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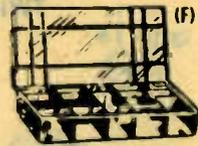
(C)



(D)



(E)



(F)

MULTI-DRAWER (B)—Convenient storage for small parts. Constructed with tongue and slot designed to interlock with other units at top, bottom or side. May be fitted around existing fixtures for economy of space. Handy pull and holder for contents card. Aluminum construction. Size: 2 $\frac{1}{2}$ "x2 $\frac{1}{4}$ "x5"
MC-11 wt., 10 ozs. Ea. .43
In lots of 10, ea. .39

MC-13—Dividers for above Ea. .03

PIN-UP WORKSHOP UNIT

- 12 SQ. FEET OF STORAGE SPACE!
- SET UP IN SHOP —GARAGE—HOME!

4.93

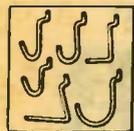


One handy package provides approximately 12 square feet of storage space. Four squares of tempered perforated hardboard, 62 special fixtures plus small parts —jars—shelf brackets—screwdriver holder—exclusively designed for holding the largest variety of tools. Pre-coated hardboard is $\frac{1}{4}$ " thick—may be painted to suit. Supplied complete with fixtures—mounting screws—spacers.

HD-220 Shpg. wt., 15 lbs. Net 4.93

Same as HD-220 except includes only hooks, fixtures, mounting hardware. Less perforated hardboard. Shpg. wt., 7 lbs.

HD-391 Net 2.89



NEW THRIFT-HOOKS

- 100 Assorted Hooks Only

Standard assortment of 6 different styles of heavy gauge bright finished Hooks—total of 100. For use on punch panels. In colorful poly bag.

HD-936 Shpg. wt., 2 lbs. Net 1.29

E-Z FOLDING SHELF BRACKETS

- Supports Heavy Weights
- Only 1 $\frac{1}{8}$ " Wide When Folded



Heavy duty, compact brackets designed to make sturdy folding shelves and table tops simple to install. A pair of these brackets will support 180 lbs. on a 10" wide shelf. Automatic lever locks in position — can never come out. Shelf and wall flanges both 9" long. Shpg. wt., 2 lbs. ML-263 (Set of 2 brackets) Net 2.95

SPACEMASTER STORAGE SHELVES

- Make Doors and Walls Do Double Duty

4.79



Easy to install shelves, can be attached to any door or wall and can convert them into useful storage space for groceries, bottles, jars, cans, medicines etc. Adjustable in width from 14" to 24" to fit any space. Height can be adjusted in one inch centers to accommodate tall or short containers. 5-shelf unit includes 4 standards. Aluminized, rust resistant steel. Shpg. wt., 3 $\frac{1}{2}$ lbs. ML-317 Net 4.79

MAGNAGRIP CABINET LATCH

- Positive—Quiet—Secure!
- Use on Hi-Fi Cabinets and Consoles!



For cabinets — doors — gates — screens. Use in workshop—kitchen—garage—den—any place you have a door that requires a simple, positive, quiet latch. Magnetism lasts a lifetime. Simple to install—costs no more than old fashioned friction catches. Shpg. wt., 6 ozs. (Set of 3.)

HD-218 Set of 4—Net .99 Singly ea. .27

TOOL AND UTILITY BOX (C)—14 $\frac{1}{2}$ " long tool box. Cantilever tray with four compartments. Room enough for soldering iron, pliers, screw drivers, wrenches, etc. Push-button catch with hasp for lock. Folding, recessed handle. Baked enamel finish in glossy green. 14 $\frac{1}{2}$ " long, 6 $\frac{1}{4}$ " wide, 4 $\frac{1}{2}$ " deep. Shpg. wt., 3 lbs. MC-12 Net 1.65

SUPER TOOL CHEST (D)—A steel chest built to last. Removable tote-away. Double lock sealed construction, reinforced corners, continuous hinge, steel handle, regular key lock plus hardware. Baked enamel interior. Steel gray outside finish. Size 16" x 7" x 7". Shpg. wt., 8 lbs. MC-22 Net 5.50



STEEL STORAGE UNITS

5.95 For 4 Shelves 30"x12"x60"

- Triple Bent Shelves
- Heavy Angle Posts
- Shelves Adjustable on 1 $\frac{1}{2}$ " Centers
- Braced on Back & Sides

For stores, offices, garages, basements, pantries, closets—just what you need to solve your storage problems, you'll find dozens of uses for these rugged racks. And now, Lafayette offers them at a bargain price. Available in two sizes to fit virtually anywhere—30Wx12Dx60"H with 4 shelves, or 36Wx12Dx72"H with 5 shelves. Corner post and all edges are rounded and snag-proof with back and side braces providing added strength and rigidity. Gray enamel finish. Shipped un-assembled with all necessary hardware for fast easy assembly. Size 12x30x60". Shpg. wt., 25 lbs. ML-306WX Net 5.95

Size 12x36x72". Shpg. wt., 33 lbs. ML-305WX Net 6.09

AMAZING NEW "ADD-A-DRAWER"

- Fits Under Any Flat Surface
- Installs in Seconds
- Prime Coated White—or Repaint Any Color



In only seconds you get a permanent drawer under any flat surface—table, bench, cabinet, shelf, desk, etc. Completely assembled—comes with 2 brackets and 4 screws for easy installation. All-steel drawer with handy knob. Prime coated white—can be repainted any color of your choice. Drawer size: 12 x 12 x 3 $\frac{1}{2}$ ". ML-350 Shpg. wt., 4 lbs. Net 3.26

FOXCRAFT CORNER SHELVING UNIT

- Puts corner space to work
 - Ideal for use in garage, workshop, basement
- Puts even corners to work to solve your storage problems! These functionally styled units have a lustrous gray, baked enamel finish that defies chipping and scraping.
- ML-356 Corner shelf. Shpg. wt., 3 $\frac{1}{2}$ lbs. Net 1.59
*72" upright. One required for corner shelf installation.
ML-357 72" upright, shpg. wt., 2 lbs. Net .83
Extra Shelves for above
ML-358 12"x30" shpg. wt., 2 lbs. Net ea. 1.25
ML-359 12"x36" shpg. wt., 2 $\frac{1}{4}$ lbs. Net ea. 1.35



SLIDE-OUT SHELF BRACKETS

- Add A Shelf
- Add A Drawer
- Sturdy Metal Construction



Get more storage space with new slide-out shelf brackets. You can add a shelf in kitchen cabinet, linen closet, utility closet. Add a drawer in cabinets, closets, under benches, etc. You get 2 brackets and 4 screws for quick, easy installation. Shpg. wt., 1 lb. ML-351 Net .98

STAK-UP STORAGE CABINETS (E)—Convenient, logical small parts storage. Add units as you need them. Stack-up as high as you choose—take apart easily. See thru drawers with "stop" to prevent spilling. 2 dividers with each drawer. Units slide together and lock. Shpg. wt., 1 $\frac{1}{2}$ lbs.

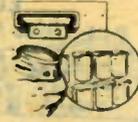
MC-23—1 double and 2 single drawers Net 1.15
MC-24—4 single drawers Net 1.15

TRANSPARENT UTILITY BOXES (F)—Attractive plastic boxes ideal for storing screws, nuts, bolts and hundreds of other small parts. With hinged cover and built-in partitions.

Stock No.	Dimensions	Compartment	Wt.	Each
MS-51	7"x3 $\frac{1}{2}$ "x1 $\frac{1}{8}$ "	5	5 Oz.	.41
MS-52	8 $\frac{1}{4}$ "x4 $\frac{1}{4}$ "x1 $\frac{1}{4}$ "	6	7 Oz.	.53
MS-53	7"x3 $\frac{1}{2}$ "x1 $\frac{1}{8}$ "	9	5 Oz.	.41
MS-54	8 $\frac{1}{4}$ "x4 $\frac{1}{4}$ "x1 $\frac{1}{4}$ "	12	7 Oz.	.53
MS-55	10 $\frac{3}{4}$ "x6.4x1 $\frac{1}{4}$ "	18	17 Oz.	1.35

VIS-A-PART CLIPS & JARS

Famous Vis-A-Part Magic Clips—with holes pre-spaced for mounting on punched board. Adapts baby food jars to hold hardware—small parts—drills—pins—seeds—buttons—fish hooks—spices—anything, anywhere! Permits visible inventory. Costs less than drawer or bin storage units.



HD-190 Set of 2 Net .18

Jars for use with Vis-A-Part Clips. HD-191 Net each .08



VIS-A-PART BOARDS

- STORE SMALL PARTS—EASILY—SAFELY—NEATLY—INEXPENSIVELY!

Eliminates screw on caps! Makes use of convenient wall space. One glance locates the part you need. Jars slide securely into metal holders. Inserted or removed with one simple motion. Holders are firmly riveted to back-board. Indispensable for screws, nuts, nails, parts, seeds, spices, etc. Complete with jars. HD-166 24 jars 18" x 18" Board. Shpg. wt., 9 lbs. 3.53
HD-390 18 jars 13 $\frac{1}{2}$ " x 18" Board. Shpg. wt. 6 $\frac{1}{2}$ lbs. Net 2.65

TOOL RACK

- 9 Spring Clip Holders
- Hooks on ply board—bolts to wall .59



12" long, chrome plated tool rack. Sturdy spring action clamps will hold almost any hand tool—brooms and mops too. Drilled for bolting direct to wall—hook for hanging on peg board. Holds a minimum of nine tools. Shpg. wt., 1 lb. HD-874 Net .59

NEW JIFFY TOOL RACK

- HOLDS UP TO 29 TOOLS!



New handy rack for workshops—garage—kitchen. All rust proof aluminum—only 12" long. Saves drawer space. Items hung and removed quickly and easily. Can also be used on peg-board! Quick—easy installation comes with 3 mounting screws. And what a price! HD-157 Shpg. wt., 5 oz. each, .45

"PING PONG" FOLDING TABLE LEGS

- Set of 4 Collapsible Legs
 - Extra Strong—Will Not Wobble
- A set of 4 collapsible tubular legs built for unusually rigid support. These super sturdy legs can be mounted in two ways to provide additional strength. Can be mounted to bottom of table and also to the skirt of table. 1" diameter legs can be cut to any desired length. Plastic floor gliders and mounting screws included. Length 29 $\frac{1}{4}$ ". Shpg. wt., 8 lbs. ML-262 Net 8.40



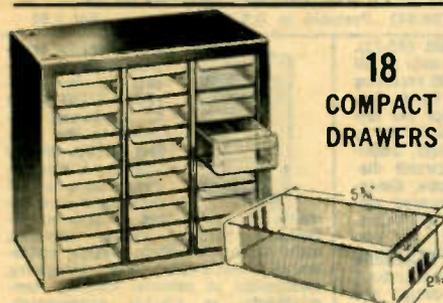
Akro-Mils "See-Thru" Plastic Drawer Cabinets

Organize your Small Item Storage • Find Things Fast • Save Time and Space

What a relief! No more time wasted searching for small items at home, office, shop or lab. Keep small things orderly, at your fingertips in an A-M "SEE-THRU" DRAWER CABINET.

This cabinet has all of these desirable features: Spillproof see-thru plastic drawers are super-strength to store heaviest metal parts. "Fit-Tight" dividers to adjust compartment sizes to your needs. Slots for drawer front index labels, press-on labels and dividers supplied with each cabinet.

Rigid Welded Steel Cabinet finished in chip-proof enamel. Hangs on wall, stands on bench or modular stacks neatly one above another, integrates into shelving.



**18
COMPACT
DRAWERS**

MODEL 18HBA **3⁹⁹**

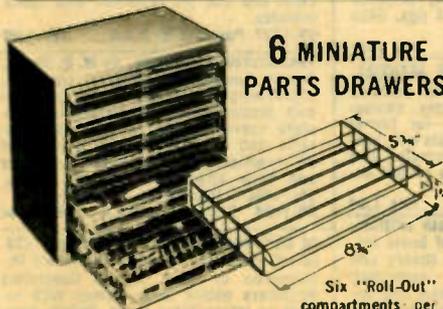
Stock No.	Model	No. of Drawers	Cabinet High	Cabinet Wide	Deep	Wgt.	Net Each
MC-32	18HBA	18	9"	10"	6"	4 1/2	\$3.99
MC-52	24HBA	24	9"	13"	6"	6 1/2	4.99



**12 DEEP
COMPACT
DRAWERS**

MODEL 18FA **3⁹⁹**

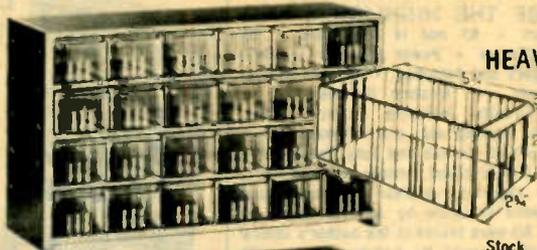
Stock No.	Model	No. of Drawers	Cabinet High	Cabinet Wide	Deep	Wgt.	Net Each
MC-53	18FA	12	9"	10"	6"	4 1/2	\$3.99
MC-54	24FA	16	9"	13"	6"	6 1/2	4.99



**6 MINIATURE
PARTS DRAWERS**

5⁰⁶
MODEL 18EA

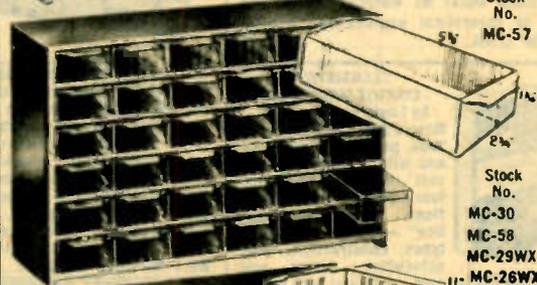
Stock No.	Model	No. of Drawers	Cabinet High	Cabinet Wide	Deep	Wgt.	Net Each
MC-50	18EA	6	9"	10"	6"	5 1/2	\$5.06



HEAVY-DUTY INDUSTRIAL QUALITY

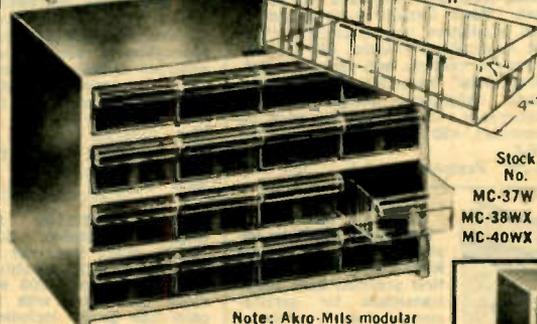
**24 DEEP
COMPACT
DRAWERS** **12⁴⁸**
MODEL G24

Stock No.	Model	No. of Drawers	Cabinet High	Cabinet Wide	Deep	Wgt.	Net Each
MC-57	G24	24	10 1/2"	17 1/4"	6"	14	\$12.48



**36 COMPACT
DRAWERS** **12⁴⁸**
MODEL J36

Stock No.	Model	No. of Drawers	Cabinet High	Cabinet Wide	Deep	Wgt.	Net Each
MC-30	J32	32	15 1/4"	12 1/2"	6"	13 1/2	\$11.98
MC-58	J36	36	11 1/2"	17 1/2"	6"	14	12.48
MC-29WX	J48	48	22 1/2"	12 1/2"	6"	18	18.98
MC-26WX	J128	128	30 1/2"	25 1/4"	6"	47	52.98



**16 EXTRA WIDE
LONG DRAWERS** **17⁹⁸**
MODEL M4B16
Best drawer size for storage of parts and tools together.

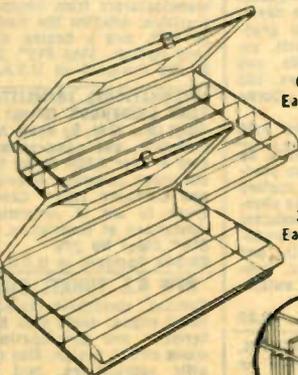
Stock No.	Model	No. of Drawers	Cabinet High	Cabinet Wide	Deep	Wgt.	Net Each
MC-37W	M4B-16	16	11 1/4"	17 3/4"	11 1/4"	17 1/2	\$17.98
MC-38WX	M4B-24	24	17 3/8"	17 1/4"	11 1/4"	24 1/2	31.98
MC-40WX	M4B-40	40	28"	17 1/4"	11 1/4"	38	52.98

Note: Akro-Mils modular construction lets you stack these three different cabinets in one neat unit.

FULLY ADJUSTABLE PLASTIC BOXES

101 USES

Stock No. MC-55
6 COMPARTMENTS
Each Compartment is:
1 1/4" High
8 3/4" Wide
1 3/8" Long



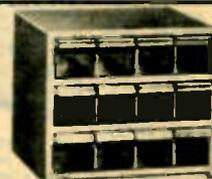
Stock No. MC-56
3 COMPARTMENTS
Each Compartment is:
1 1/4" High
8 3/4" Wide
1 3/8" Long

9 DIVIDERS WITH EACH BOX

Compartments are curved, so that small items may be rolled out with ease.

Either Size: **69** Net Each **7⁹⁹** Per Doz.

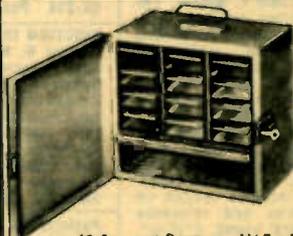
Curved "roll-out" type compartments—fingertip can roll small items out with ease. Adjustable full-width compartments. See-Thru—see contents at a glance! Expandable storage—these modular boxes stack! Generous 1 1/4" x 8 3/4" x 5 3/8" size.



**12 SUPER DEEP
2 3/4" x 2 7/8" x 11"
DRAWERS**

13⁵⁰
MODEL RS12

Stock No.	Model	No. of Drawers	Cabinet High	Cabinet Wide	Deep	Wgt.	Net Each
MC-44W	RS12	12	11"	13 3/4"	11 1/4"	12 1/2	\$13.50
MC-41WX	RS32	32	28 1/2"	13 3/8"	11 1/4"	28 1/2	37.00



**13 DRAWER
PORTABLE
LOCKING
CABINET**

4⁹⁹
MODEL 18PA

12 Compact Drawers: 1 1/4" x 2 3/4" x 5 3/8"
1 Jumbo Drawer: 2 1/2" x 8 3/4" x 5 3/8"

- Hinged Door with Lock Clasp.
- Safe way to store, protect and transport small articles.
- May be used as portable repair kit or medicine chest.
- Keyhole slots provided for hanging.
- Locking, hinged door provides protection from dust, moisture and theft.
- Ideal to carry on truck or in auto trunk. Contents cannot spill.

Stock No.	Model	No. of Drawers	Cabinet High	Cabinet Wide	Deep	Wgt.	Net Each
MC-49	18PA	13	9"	10"	6 1/2"	5 1/2	\$4.99

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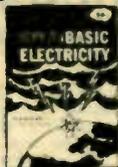
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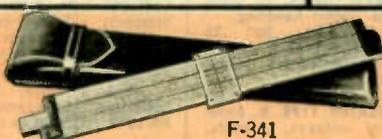
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10" log log duplex trigonometric slide rule contains 25 scales including 8 Log Log Scales. Troublesome end-of-range resetting is eliminated by extensions of C and D scales. Twin set of Log Log scales run from 1.001 to 100,000 and .999 to .00001, enlarging the scale by one scale length each compared with ordinary log log slide rules. Extra features include P scale which enables direct "readabout" of cosine value. Scales include LLO1, LLO2, LLO3, DF, CF, Cl, C, D, LL3, LL2, LL1, LLO0, L, K, A, B, S, ST, T, C, D, DI, P, and LLO. With instruction book, saddle leather case. Overall length, 14". Imported.

F-428 Shpg. wt., 1½ lbs.

Net 15.95



F-341

10" LOG LOG DUPLI TRIG SLIDE RULE

Specially selected, laminated, non-hygroscopic bamboo. Scales machine engraved on white plastic in permanently accurate calibrations. Adjusting screws permit varying tension on slide. 21 scales including C, D and Cl on both sides. LLO and LLO0 scales refer to B scale. All other scales coordinate and refer to D scale. Scales are L, LL1, DF, CF, Cl, C, D, LL3, LL2, LLO, LLO0, A, B, K, Cl, C, D, S ST and T. Scale characteristics permit multiplication, division, proportion, inverse proportion, reciprocals, cotangents, squares, square roots, cubes, cube roots, logarithms, tangents, sines, PI factor multiplication and division, powers and roots of numbers less than 1, powers and roots of numbers greater than 1, logarithms to base "e." Shpg. wt., 1½ lbs. Imported

F-341

Net 10.45



F-340

5" POCKET SLIDE RULE

- Extremely Accurate
- Has Standard S, L and T Scales

5" Pocket Slide Rule: Convenient pocket sized slide rule of specially selected and treated bamboo. Will not warp, shrink or lengthen under varying atmospheric conditions. A, B, Cl, C, D and K scales engraved on white plastic surface. Reverse side of slide has standard S, L and T scales. The upper beveled edge of the rule is graduated in m/m to 13 cm. Other edge is divided into 5 inches by 32nds. Only 5¼" long over all. Carried easily in any pocket. Shpg. wt., 8 oz. Imported

F-340

Net 2.89



TEACH YOURSELF THE SLIDERULE

by Burns Snodgrass

TEACH YOURSELF THE SLIDERULE by Burns Snodgrass is a comprehensive course book enabling you to perform fast and accurate calculations with the slide rule. Full instruction covering A, B, C, D, LL, L, S, T, and other special purpose scales. 20 illustrations. 80 Problems. 207 pp. 2¼x7". Clothbound. 9K-810 Postpaid in U.S.A. Net 2.00

4" CIRCULAR SLIDE RULE



- Continuous Scales
- Sturdy Construction
- Equivalent to a 10" Rule

245

A versatile calculating instrument specially constructed with special chemical resistant, ¼" thick, plastic, it will not shrink or expand under varying climatic conditions. 12 scales to solve problems involving multiplication, division, proportions, squares, cubes, and all trigonometric functions. Special scales allow direct conversions of angles from radians to degrees. Ideal for quick calculations. With leatherette case. Shpg. wt., 4 oz. Imported

F-382

Net 2.45

8" TRIGONOMETRIC SLIDE RULE



195

Laminated, selected bamboo. Face of white plastic with engraved, accurate calibrations. Satin-finished facing provides a high readability, virtually glare-free face. Scales are A, B, Cl, C, D, and K on face—S, L, and T on reverse of slide. Table of formulae and equivalents printed on metal back. C scale has convenient conversion marks for changing degrees to radians, and for calculations involving areas of circles. Shpg. wt., 8 oz. Imported

F-381 8" Trig Slide Rule Net 1.95

USING THE SLIDE RULE IN ELECTRONIC TECHNOLOGY



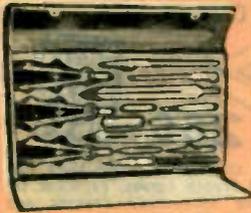
By Charles Alvarez

245

USING THE SLIDE RULE IN ELECTRONIC TECHNOLOGY by Charles Alvarez is written for electronic students, both beginners and advanced. It can also serve as auxiliary text in math theory. All scales are discussed separately with detailed examples, graded in difficulty to develop speed and accuracy in use of the slide rule. 120 pp. 5¼x8½ paperback. BK-864 Postpaid in U.S.A. Net 2.45

LAFAYETTE DRAFTING SUPPLIES

TECHNICAL DRAFTING SET



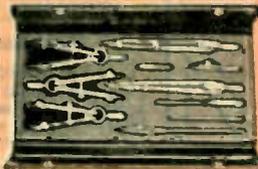
- Center Wheel Adjustment
- Professional Quality
- German

A fine set of imported nickel plated brass instruments priced far below the usual price for this quality. Contains 6 1/4" self-centering compass, one leg knuckle joint with divider, pencil, pen parts and lengthening bar; 6 1/4" self-centering divider; spring bow divider 4 1/4", center wheel adjustment with interchangeable needle points; spring bow pencil and spring bow pen, both 4 1/4" with center wheel adjustment and interchangeable needle point; two 5 1/2" ruling pens; extra handle for pen and pencil parts; adjustment tool; lead case and leads; and spare parts kit, all in velvet lined snap closing case. Shpg. wt., 1 1/2 lbs. Imported

F-65 Net 6.59

UTILITY DRAFTING SET

- Exceptional Value



Made in Germany of hard rolled, nickel plated brass. All instruments are nested in a fitted, velvet lined case. Contains three side wheel 3 3/4" bow instruments—on a divider, one a pencil and one a pen. All have reversible needle point. 5 1/4" compass with pen and pencil parts—and lengthening bar. 5 1/4" divider with straightening device. 5" ruling pen. Extra handle for use with pen and pencil parts. Capsule with extra leads. Perfect for schools, labs, industrials or wherever precision drawing sets are used. Shpg. wt., 1 lb. Imported

F-13 Net 3.10

PROFESSIONAL GIANT BOW

- 6" Size with Center Wheel Adjustment
- Finely Balanced—Professional Type



Professional quality utility set in a fitted, velvet lined case. Made in Western Germany of nickel plated, hard-rolled brass. 6" giant bow has preferred center wheel adjustment. Makes circles from 1/4" to over 10" in diameter. Set includes 6" giant bow, interchangeable pen and pencil parts, extra needle for using bow as divider, handle for use with pen and pencil parts, lead, lead box and repair parts. Shpg. wt., 1 lb. Imported

F-44 Net 3.50

8" PROPORTIONAL DIVIDER

- IMPORTED FROM GERMANY

Extremely accurate finely made proportional dividers. Basic equipment for draftsmen—architects—engineers—students. Replaceable steel points—in hard, leather covered, felt lined case. Used for proportional reductions and enlargements, copying drawings in enlarged or reduced scale, dividing lines or circles into equal parts, quick solving of difficult measuring problems, finding distances on maps without scales, etc. Flat form-replaceable steel points. Pressure setting. Graduated for lines from 3/4" to 10"—Circles from 6" to 20". Excellent, accurate utility model. Shpg. wt., 8 ozs. Imported

F-167 Net 4.95



SUPER DRAWING KIT



7 95

- COMPARE OUR PRICE!

Contains all the necessary equipment for drafting, mechanical drawing, designing. Sturdy accurate components. Includes 20x24 1/2" drawing board 24" T square, 10" 30°/60° triangle, 8" 45° triangle, french curve, 12" triangular rule, 6" 180° protractor, 4 pencils, pencil pointer, erasing shield, thumb tacks, and art gum eraser. If purchased separately these components would cost many times our low price. An unbeatable value. Shpg. wt., 10 lbs.

F-180 Net 7.95

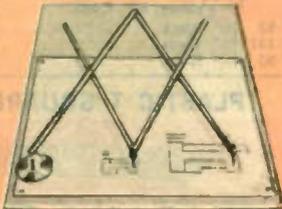
SPECIAL COMBINATION OFFER

Consists of F-65 Technical Drafting Set and F-180 Super drawing outfit. F-181 Shpg. wt., 12 lbs. Net 13.06

HARD MAPLE PANTOGRAPH

- ENLARGES • REPRODUCES!

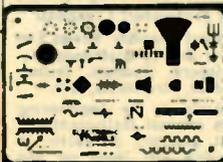
3 75



21" adjustable pantograph—21 different ratios from 1 1/4 to 8. Enlarges, reduces or reproduces drawings—sketches—diagrams—pictures—maps, etc. Most rapid, accurate means of reducing or enlarging to scale. Lacquered highly finished bars are 21" long and 3/4" wide. Heavy metal standard, with bearing eliminates all friction. Chrome plated hardware—ratio thumb screws and nuts. Complete with lead, accessories and detailed instructions. Shpg. wt., 2 lbs.

F-158 Net 3.75

ELECTRONIC DRAFTING TEMPLATE



Exceptionally accurate! Made to J.I.C. standards for electronic symbols. All elements of electronic and CR tubes are provided for—plus tube bases for 7, 8, and 9 prong tubes. Includes latest symbols—transistors, diodes—rectifiers—plugs, etc. Covers all electronic symbols. Size 7x5". Thickness .030. Shpg. wt., 4 ozs.

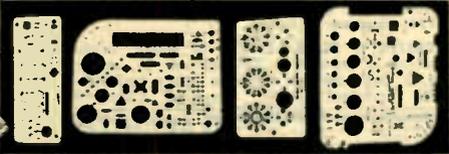
F-151 Net 2.10

MATHEMATICAL SYMBOLS TEMPLATE

Sturdy plastic template containing all commonly used mathematical symbols: plus and minus signs, roots, brackets, integrals, summation, infinity, the complete small letters of the Greek alphabet including etc., plus some of the Greek capital letters used in mathematical formulae, many symbols present in several sizes. Size 6 1/4 x 2 1/2". Shpg. wt., 4 oz.

F-378 Net 2.10

DRAFTING TEMPLATES



(A) Electric Controls Template (A) Conforms to J.I.C. standards. For drawing and drafting of electrically controlled machinery. 9x3 3/8". F-155—Shpg. wt., 4 oz. Net 1.75

(B) Electrical Drafting Template (B) Conforms to MIL Stds. 15 specs. Extremely useful for drawing and drafting of electrical and electronic diagrams. 6 3/4 x 5". F-156—Shpg. wt., 4 oz. Net 1.80

(C) Rotary Switch Template (C) For drafting of rotary wafer switch on schematic layout. Unlimited number of combinations. 6 3/4 x 3 3/8". F-326—Shpg. wt., 4 oz. Net 1.75

(D) Wiring Template (D) Conforms to MIL Stds. 15 specs. Arranged for ease in drawing. 6 1/4 x 7". F-154—Shpg. wt., 4 oz. Net 1.75

NEW PORTABLE DRAWING KIT

2 95



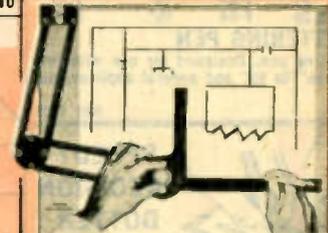
A folding portfolio which can be conveniently carried or stored in a desk or briefcase. Includes a 12-inch T-square, a 180 degree protractor, a 6-inch French curve, a 4-inch 45/90° and a 4-inch 30/60°, a 50-sheet drawing pad and drawing pencil. Plastic portfolio is 9x13 1/2 x 1/2". All tools are made of crystal clear plastic, housed in separate pockets. Shpg. wt., 3 lbs.

F-806 Net 2.95

draftette

PORTABLE DRAFTING MACHINE

7 65



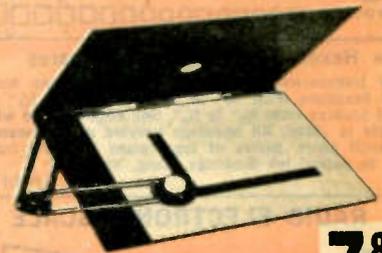
Enables you to sketch, draw, design, draft, do layouts, diagrams, schematics. Place your creative ideas on paper in a professional manner in your office, home, shop, in the field, while traveling, or in the customer's office or plant. Draftette is constructed of the finest aluminum, satin black anodized to meet Federal specs., with one piece scale and protractor. Gives you all the advantages of a drawing board, T-square, triangle and protractor combined into one compact, rugged, versatile, precision instrument. Completely assembled, ready to use.

Draftette with 4x6" scale, 180° protractor on 11x17" drawing board. Shpg. wt., 3 lbs. F-402 Net 7.65

Draftette = 12-B Senior with 6x9" scale, 360° protractor on 20x26" drafting board. Shpg. wt., 6 lbs. F-738 Net 19.95

Draftette = 12 Senior less board. Shpg. wt., 2 lbs. F-739 Net 15.30

NEW "draftette" SKETCH KIT

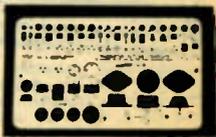


ONLY 7 80

A completely portable drafting drawing machine permanently mounted in a Vinyl binder (self-locking). A weather protected unit. It can be used for sketching, designing, drawing, and drafting. Great for traveling. Contains a precision portable drafting instrument with a 3x5" scale, 180 degree protractor, pad of 50 sheets, drawing-tracing paper 8 1/2 x 11", all in one compact binder. Does not require tape or tacks to hold paper in place for use. Only 9x13x1 1/2". F-805 Shpg. wt., 2 lbs. Net 7.80

TRANSISTOR OUTLINE TEMPLATE

An extremely accurate and useful drafting aid. Includes 27 sizes of transistors with designating numbers. Indicates lead configurations corresponding to each outline. Sizes and specifications based on the standards registered with Joint Electron Device Engineering Council. Size: 9 1/2" x 5 1/2". Thickness: .030". Shpg. wt., 4 oz.



F-740 Net 2.10

LAFAYETTE

can save you DOLLARS on DRAFTING and DRAWING essentials

LETTERING GUIDE SET



Made of transparent plastic. Simple to use with either sharp pencil or ink. Each has complete alphabet, all numbers plus commonly used signs. Most letters formed with one operation. Set consists of six guides. Sizes 1/8, 1/4, 3/8, 1/2, 5/8, and 3/4". Shpg. wt., 1/2 lb. F-70—Complete Set Net 6.79

INDIVIDUAL GUIDES (Shpg. wt., 4 oz.)

No.	Size	Each	No.	Size	Each
F-79	1/8"	.75	F-82	3/4"	1.35
F-80	1/4"	.95	F-83	5/8"	1.50
F-81	3/8"	1.20	F-84	1/2"	1.90

LETTERING PEN

Reservoir type drawing pen. Designed for use with lettering guides from 1/8" to 3/2" and general applications. Shpg. wt., 3 oz. F-95 Net 1.25

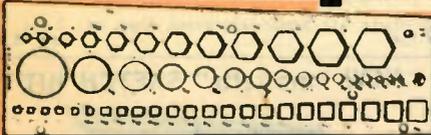


SPEEDY PRECISION DOTTER

Interchangeable refills enable production of even dotted lines, dash and dot, or dash and two dots. Transparent plastic fully graduated in centimeters and inch in 32nds and 20ths. Size 1 7/8 x 1 1/4". Ideal for draftsmen, architects, layout men, students, artists, etc. Supplied with dotter insert only. See below for other inserts. Shpg. wt. 6 oz. F-67 Net 1.15

- F-68A—Dotter Refill Shpg. Wt., 2 oz. Any
- F-68B—Dot and Dash Refill Shpg. wt., 2 oz. Type
- F-68C—2 Dots and Dash Refill Shpg. wt., 2 oz. 25c

DRAWING AID 115



• Hexes • Circles • Squares

Sturdy transparent template 3 1/4 x 11". Contains most useful hexagons from 1/8" to 1", circles from 1/8" to 1" and squares from 1/8" to 1/4". One edge beveled with 6" scale in 16ths. All openings beveled and allowance for pencil point. Series of lugs raises template from paper to permit ink drawings. Shpg. Wt. 4 oz. F-66 Net 1.15

RADIO ELECTRONIC SCALE



A protractor ruler with radio and electronic symbols. Ideal circuit diagram builder for hams, students and technicians. Transparent. Shpg. Wt., 4 oz. F-94 Net .39

.59 SLIDE RULE



Precision made instrument of fine laminated construction. This rule has decimal equivalents, equivalents settings and a rule with both inch and metric scales. There are A, B, C, C1 and D scales on the face side and log, sine and tangent on the back. Complete with instructions. Shpg. Wt., 4 oz. F-96 Net .59

CLEAR ACRYLIC TRIANGLES

• Meet Government Specifications

Fine, professional grade triangles. Exceptionally well made, accurate, highly transparent, not easily scratched. Will not discolor. Dimensionally and chemically stable.



30/60°			45/90°		
Size Inches	No.	Ea.	Size Inches	No.	Ea.
6"	F-723	.39	6"	F-727	.56
8"	F-724	.56	8"	F-728	.88
10"	F-725	.80	10"	F-729	1.16
12"	F-726	1.08	12"	F-730	1.76

STYRENE TRIANGLES

Crystal clear transparent triangles with finger lifts. Double bevel in cutout allows easy pickup. Sturdy .100 thick. Average Shpg. Wt. 1/4 lb.

30/60°			45/90°		
Inches	No.	Each	No.	Each	
6	F-71	.23	F-74	.30	
8	F-72	.30	F-75	.42	
12	F-73	.69	F-76	.80	

CALIBRATED TRIANGLES

Many tasks can be completed without changing instruments. Clearly marked with degrees, metric scale, inches, 10th to inch and architectural scales. Shpg. Wt. 1/4 lb. Two sizes available. F-69—6"—45/90 Degree Net .39 F-70—8"—30/60 Degree Net .39



QUADRANT PROTRACTOR-CENTER FINDER

5 Drafting Tools in 1—Center Finder, Ruler, Right Angle, Quadrant Protractor, Compass

• The Most Flexible Device Ever For Use by Draftsmen, Engineers, Students, Technicians, Architects, etc.

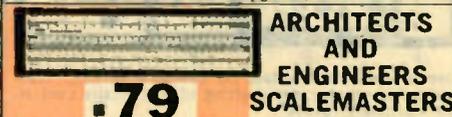
The most versatile tool available in the engineering and drafting fields today. This unusual instrument can be used as a right angle—a quadrant protractor—a center finder—a ruler with inch and 16ths on one arm and metric scale on other arm—a compass drawing circles accurately with 1/16th inch variations up to 12" diameter. Shpg. wt., 4 ozs. F-733 Net 1.13



6" 4-BEVEL POCKET SCALES 113

ENGINEER'S SCALE: Made of high-quality, non-hygroscopic plastic. Chemically and dimensionally stable for constant accuracy. 6" long, light in weight, ideal for desk and pocket use. Graduated in 10 and 50, 30 and 40 parts to the inch. Full divided throughout. Four beveled white edges. Vinyl case. Shpg. wt., 4 ozs. F-734 Engineer's Scale Net 1.13

ARCHITECT'S SCALE: Similar to above. Graduated in fractions of an inch to the foot—1/8, 1/4, 1/2, 1, 3/4, 3/4, 1 1/2, 3. Open divided, divisions before zero full divided. F-735 Architect's Scale Shpg. wt., 4 ozs. Net 1.13



ARCHITECTS AND ENGINEERS SCALEMASTERS

Here is the triangular scale achieved in a flat scale. Scales exposed to full view, slotted openings for convenience. Heavy laminated transparent plastic. Architects scale has 14 full view scales from 1/8" = 1 ft. to 3" = 1 ft.—including half scale and 16ths—32nd—and mm to inches. Size 1 1/2 x 3 3/4". Saves time, prevents errors. Shpg. wt., 4 ozs. F-152—Architects Scale Net 1.79

Engineers Scale: Similar to above. Has 9 full divided scales. Includes 10ths, 20ths, 30ths, 40ths, 50ths, 60ths, centimeters and meters. Shpg. wt., 4 ozs. F-153—Engineers scale Net 1.79

FRENCH CURVE SET



Made of crystal clear plastic .090 thick. Set consists of eight French curves. Excellent for perspective, three dimensional drawing and general applications. Shpg. Wt., 1/2 lb. F-85 Net 2.66

LARGE PLASTIC FRENCH CURVE

This 17" curve is made of .075" crystal clear plastic for students, architects, professional draftsmen. All edges are perfectly smooth. Ideal for larger drawings, architectural plans, etc. Shpg. w., 4 oz. F-643 Net 1.39



GRID COMPASS COURSE PROTRACTOR

Arm for Course and Reverse Course Readings

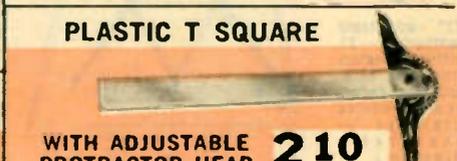
261

A precision-made nautical aid, constructed of transparent laminated vinylite, that enables you to see positions and depths when in actual use. Has a 6 3/4" square base with grid and compass rose. 21" arm is scaled in miles for use with coastal and harbor charts, USC and GS regional maps, 1/20,000, 1/40,000 and 1/80,000. The arm is extended on the short end to read reverse course. Shpg. wt., 6 ozs. F-736 Net 2.61

FOLDING PARALLEL RULES

• Meet Government Specifications

Made of extremely stable, light weight, heavy gauge vinyl. Finger grips of anti-magnetic, rustproof, nickel plated brass. Counter sunk, cork friction pads prevent slipping. The 12" and 18" sizes are black vinyl, the 15" size is highly transparent, clear vinyl, Shpg. wt., 8 ozs. F-92 12" Black Net 2.05 F-93 15" Clear Net 2.45 F-93 18" Black Net 3.00

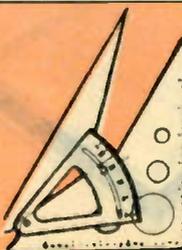


PLASTIC T SQUARE

WITH ADJUSTABLE PROTRACTOR HEAD 210

Adjustable protractor head clearly marked to 180° easily set and fastened. Transparent arm gives clear full view of subject matter. All plastic—light weight. Adapted for ink ruling. Head fits snugly against board. Shpg. Wt., 1/2 lb. F-99—18" long Net 2.10 F-100—24" long Net 2.35

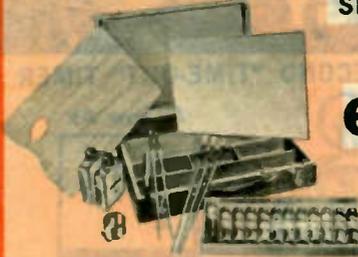
8" ADJUSTABLE TRIANGLE 225



Handles device ever! Transparent plastic. Trace any angle from 0 to 90 degrees. Inner row of graduations on arc give angle outer row give complementary angle. Has four openings for drawing circles 1/2, 3/4, 1 and 1 1/4" diam. Tapered holes 1/4" apart on two sides to divide any line into equal parts by swinging angle. Useful for cross hatching, architectural stairway drawings, speeds up letter spacing. No protrusions to tear tracing paper. Shpg. Wt., 6 oz. F-77 Net 2.25

LAFAYETTE HOBBY HEADQUARTERS

PROFESSIONAL STYLE OIL PAINT SET



677

Comes complete with—11, 2x $\frac{3}{4}$ " tubes of oil paint; jumbo 3x1" tube of zinc white; 5 bristle brushes; 2 bottles linseed oil and turpentine; steel palette knife and cup; 12 $\frac{1}{2}$ x9" wood paint palette; and 12x8 $\frac{7}{8}$ " mounted canvas panel. This complete set is in a sturdy 13x10" wood box. Shpg. wt., 4 $\frac{1}{2}$ " lbs. Imported
F-532 Oil Paint Set Net 6.77
COMBINATION: F-532 Paint Set & F-565 Easel Net 9.07
F-598M

NEW! "TECNO-SCALE"



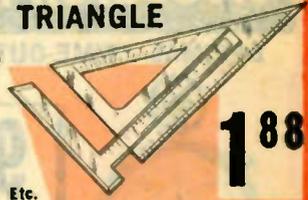
395

• Versatile Drafting Aid

Indispensable drafting tool for artists, architects, engineers, students, mechanical draftsmen. Made of non-hygroscopic, bone-white unbreakable plastic. Full 0 to 180° scale. Calibrated in increments of 1° with 5° and 10° divisions. Both scales are 12" long divided to $\frac{1}{8}$ " and $\frac{1}{4}$ " inch. Opens the full 180° arc. Simple, positive cam lock. Easily adjusted without changing position on board. Engineered for speed in use and hairline accuracy. Machine beveled edges. Shpg. wt., 1 lb.
F-572 Net 3.95

LAFAYETTE 5-IN-1 SLIDE TRIANGLE

- It's a Triangle! T-Square! Protractor! Ruler! Caliper!
- Measures Diameter, Width, Angle, Thickness
- For Student, Engineer, Office, Etc.



188

The amazing Lafayette slide triangle combines five instruments in one — triangle, T-square, protractor, ruler and caliper. Use it to measure diameter, thickness, depth, length, angle as well as drawing parallel and vertical lines. Constructed of color-soft, clear, $\frac{3}{16}$ " thick acrylic that is dimensionally and chemically stable. Smooth bevelled edges. Shpg. wt., 5 oz.
F-687 Net 1.88

SUPER DIAL-A-MATIC ADDING MACHINE



- ADDS UP TO 999,999 ACCURATELY!
- SUBTRACTS AND MULTIPLIES TOO!
- AUTOMATIC CLEARING BAR!

Newest "Dial-A-Matic" adding machine. Great for daily calculation—small businesses—homework—etc. Automatic clearing bar clears all dials instantly. Polyethylene, skidproof base for convenient one hand operation. All moving parts of DuPont Nylon. With dialing stylus and instructions. Shpg. wt., 1 lb.
F-274 Net 2.70
5-Place Dial-A-Matic: Similar to Super Dial-A-Matic but adds to 99,999. Does not have automatic clearing. Fast-accurate—fits pocket or purse. Shpg. wt., $\frac{1}{2}$ lb.
F-189 Lots of 3, ea. 1.35
 Singly, ea. 1.50

WATER COLOR PAINT SET



only
225

12 tubes of assorted color paint; 2 deluxe brushes; water holder; folding palette — all in a sturdy, hinged wood box. Size: 10 $\frac{1}{2}$ " long, 5" deep, 1 $\frac{3}{4}$ " high. Shpg. wt., 2 lbs.
F-531 Water Color Set Imported Net 2.25
COMBINATION: F-531 Paint Set & F-565 Easel Net 5.18
F-597M

MAGNA-SIGHTER® 3-D BINOCULAR MAGNIFIER



788

- MAKES SMALL PRINT READ BIGGER
- REDUCES HARMFUL EYESTRAIN
- LEAVES HANDS FREE TO WORK

Magna-Sighter is a precision optical instrument enabling anyone to do very close work and see it clearly in 3 dimensions. Adjusts to any head size comfortably. No moving parts to replace or wear out. Ideal for hobbyists, repairmen, inspectors and technicians. Available in 4 sizes. Shpg. wt., $\frac{3}{4}$ lb.
F-856 1.75X, 14" Working Distance Net 7.88
F-857 2.25X, 10" Working Distance Net 7.88
F-858 2.25X, 8" Working Distance Net 7.88
F-859 3.5X, 4" Working Distance Net 9.38

ADJUSTABLE OUTDOOR CANVAS EASEL

- For Oil and Watercolor Painting • Sliding Legs
- Sturdy Wood Construction

Adjustable easel ideal for student and amateur artist. Constructed of smooth-finished lightweight wood; braced fittings. Has 3 sliding legs, adjustable tray and canvas holder. Will hold canvas up to 40". Height closed about 28"; open about 43". Shpg. wt., 2 lbs. Imported
F-565 Easel Net 3.49



349

24 CAMEL HAIR BRUSHES

- SIZES 1 THROUGH 6
- RUSTPROOF ALUMINUM FERRULES

Imported camel hair brushes. 4 each of sizes #1 through #6. Each brush 7" long. Aluminum ferrules—rustproof and solidly anchored. Excellent for cleaning tuners, controls, precision parts. Used also for cleaning camera lenses, telescopes, binoculars, guns, etc. Perfect for water color painting — cabinet touch up — sign lettering. Useful in home, office, shop, or store. Shpg. wt., 8 ozs. Imported
MD-340 Net 5.9



2 sets (48 brushes) 1.00

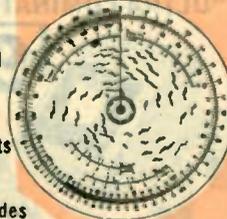
ADJUSTABLE CURVE



Enables anyone to draw curved designs with ease. The rule is easily bent to any desired curve with the fingers. Once bent, the rule stays curved without being held. White plastic frame encloses a lead bar and a steel sheet support. Overall length is 23 $\frac{1}{2}$ ". Shpg. wt., 8 oz.
F-441 Imported Net 1.69

SLIDE RULE CONVERTISOR

- Converts linear and volume measurements to metric system
- Converts HP to watts
- Miles to Nautical Miles
- Multiplies and divides



This 6" Convertisor is a calculator performing conversions from the English to the Metric System in weights and measures both linear and liquid. Performs multiplication and division. It consists of two discs, one opaque printed in black and one clear transparent printed in red. Directions for use and list of conversions on back of opaque disc. Shpg. wt., 4 ozs.
F-644 Net 1.59

FRACTION OF AN INCH ADDING MACHINE

- ADDS AND SUBTRACTS FRACTIONS
- CORRECT ANSWERS INSTANTLY
- NO CONVERTING



This new tool permits continuous adding or subtracting of fractions, decimal equivalents, or mixed fractions and decimals. Answers are shown instantly. Only one moving part—extreme simplicity of operation. Invaluable for the shop and technical school—office—factory—mechanists—designers—draftsmen—engineers. Anyone who works with fractional measurements. Made of satin-finished aluminum—only one moving part—numbers and lines etched and filled for years of trouble free service. Complete with plastic case and instructions.
HD-297 Shpg. wt., $\frac{1}{2}$ lb. Net 2.65

NEW JET-E-RASE ELECTRIC ERASING MACHINE

149

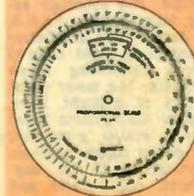
- PORTABLE — MOTOR DRIVEN!
- FINGER TIP CONTROL!
- 4 ERASERS — 4 COLLETS — 2 BRUSHES!

Battery operated erasing machine. Designed for convenience—ease and speed in erasing. Battery operation does away with bulky A.C. motors—trailing line cords—danger of shock. Safe enough for children to use. Entire unit—including battery—weighs only 4 oz. Fits the hand as naturally as a pen or pencil. Switch precisely located for finger-tip control. Permanently lubricated, precision bearings assure long, trouble free life. Includes four eraser cores. One soft—two medium hard—one gritty—to cover all erasing problems. Two brushes—one soft—one stiff—for clean up, and four collets that accept both the eraser cores and brushes. Easily replaceable battery is a No. 1 or "C" cell. Supplied with battery. Shpg. wt., $\frac{1}{2}$ lb. Imported
F-416 Net 1.49
F-424 KIT of two each, erasers and brushes. Net .24



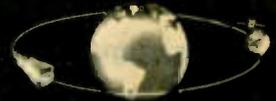
PROPORTIONAL SCALE

- Quick-Easy Reductions of Prints - Photos - Plans



This circular proportional slide rule permits quick calculation of enlargements or reductions of photographs, art work, layouts and blue prints. Line up size of original on edge of buff-colored inner disc with reproduction size on white outer disc. Read percentage of original size and number of times of reduction in window. 5" diameter laminated vinyl.
F-642 Shpg. wt., 4oz. Net 1.39

LAFAYETTE Lab and Field Equipment for Research in SCIENCE and TECHNOLOGY



DECIMAL "TIME-OUT" TIMER



975

- 7-JEWEL SWISS MOVEMENT

Ideal for industrial time-studies. Easy-to-read outer dial divided in 1/100 of a minute registering up to one minute. Inner dial graduated in minutes and registers up to 30 minutes. Push button, for timing out, brings both hands back to zero. Pressures on the crown will consecutively start, stop and again start the timer. Dependable 7-jewel movement. Swiss made. Shpg. wt., 8 oz.

F-664L Net 9.75

1/10-SECOND "TIME-OUT" TIMER



AS LOW AS
690

Suggested for close timing. Large hand registers 1/10 of a second, up to 30 seconds; small hand in minutes, up to 15. Start, stop, and continue from crown; instant return to zero by push button. Accurate 1-jewel movement. Chromium plated nickel case. Shpg. wt., 8 oz. Imported

F-665L Net 6.90
Same as F-665 (above) except 7 jewels. F-773L Net 9.33

1/5-SECOND "TIME-OUT" TIMER



As Low As
749

Ideal for psychologists, basketball, football and radio-TV. Sweep second hand registers 1/5 of seconds; completes one turn of dial in 60 seconds. Small hand registers up to 30 minutes. Slide starts and stops hands. Pressure on crown brings hands back to zero. Dependable 7-jewel movement. Shpg. wt., 8 oz. Imported

F-954L Net 9.75
Same as F-954 (above) except 1 jewel. F-955L Net 7.49



1/10-SECOND TRACK TIMER
AS LOW AS
975

Excellent for track and for work requiring an easier reading surface. The sweep second hand indicates 1/10 of seconds and seconds, and completes one turn of the dial in 10 seconds. The small hand registers up to 10 minutes in divisions of 10 seconds. Start, stop, and return to zero by successive depressions of the crown. Dependable 7-jewel movement. Shpg. wt., 8 oz. Imported

F-956L Net 12.75
Same as F-956 (above) except 1-jewel. F-957L Net 9.75

AIRCRAFT CLOCKS



- Made to Gov't. Specifications Mil-C-7939A, AN-5743-2 and AN-5743-L2
- Exceptionally Accurate, Precision Movement
- Panel Mounts in Lab, Plane, Car, or Rack

Standard equipment in the better airlines. Made in strict accordance with USAF specification Mil-C-7939A, Type A-11, AN-5743-2 and AN-5743-L2. Exceptionally accurate, dependable, precision movement. Runs 8 days on one winding. Big luminous, hands and numerals (61 green phosphorescent), sweep second hand, 24-hour dial, 1 7/8" diameter. Winds and sets from the front. Readily mounted in rack, panels, instrument panels, dash boards. Lightweight, unbreakable, oxidized black aluminum case. Shpg. wt., 1 lb.

F-775L Net 27.95

1/10-SECOND "ELECTRONIC" TIMER



- Made to Gov't. Specifications Mil-W-6510 (USAF) Type A-8
- Exceptional Accuracy

25⁹⁵
NO MONEY DOWN
\$5 monthly

Especially useful as a timing component of electronic and radar equipment. Made in accordance with government specification number MIL-W-6510 (USAF) type A-8. Dial face calibrated in 1/10 seconds. Sweep hand completes turn in 10 seconds. Register divided in 10 sec. increments, completes turn in 5 minutes. Luminous figures on black face. Start, stop and fly back to zero by successive depressions of the crown. Balance staff shock protected, unbreakable mainspring, nickel finished case. Swiss made.

F-774L Shpg. wt., 8 oz. Net 25.95

"COLCON"—COLOR CONTRAST MICROSCOPY APPARATUS



- Dyes LIVING Specimens Optically
- 36 Levels of Light Intensity

The "Colcon" color contrast apparatus represents a complete departure in the "staining" of specimens. Specimens of inherently low contrast can be "dyed" optically while maintaining striking contrast to the field background. The "Colcon" will also provide

7950 NO MONEY DOWN

"Bright Field" illumination by means of critical (parallel) light, "Monochromatic Bright Field" illumination by the use of its special, long focus (N.A.0.8) reflecting condenser, "Inclined" (high resolution) illumination by means of offset filter, extremely stable and exceptionally versatile illumination for photo microscopy. The "Colcon" is suitable for use with any standard, Society size microscope. The substage apparatus is composed of a long focal length (N.A.0.8) reflector/condenser of unique design, two separately adjustable revolving turrets containing eight colored filters, concentric light source containing seven lensatic bulbs and removable covers. The lower (axial light) turret contains four filters of daylight, blue, green and violet colors. The upper (background light) turret contains four filters of red, yellow, green and violet. The variable transformer power supply contains the individual switches and controls. 110V A.C. Supplied complete with power cords, spare bulbs and wooden storage cabinet. Shpg. wt., 10 lbs. Imported

F-615 Net 79.50

"ULTRA-LUMINATOR" LENS



9950

NO MONEY DOWN
\$5 monthly
SEE PAGE 412

- Unique Vertical incident light system
- 12X, 24X, 48X and 120X illuminating objective Lenses
- Light does not pass through objective

A "vertical" illumination system designed for observation and photographing of opaque and semi-opaque specimens. The objective assembly consists of a circular array of 6 lensatic miniature lamps, a specifically designed lens system and a conical reflector tube. A prime advantage in this system is that the light does not pass through the objective lens. This prevents "scattering" and reflections from the lens surfaces and maintains a higher degree of contrast in the image. The power source is a compact, variable transformer affording a broad range of light intensity. The "Ultra-Luminator" objectives will fit the turret of any standard, Society size microscope. Supplied complete with 4" Ultra-Luminator objectives, 12X, 24X, 48X and 120X (oil immersion) 5 filters, red, yellow, green, blue and frosted (diffusion), 6 spare bulbs, variable transformer for 115 volts, 60 cycle, AC, cords and instructions. Imported

F614L Shpg. wt., 6 1/2 lbs. Net 99.50
F-657L Polarizing Filter Set 5.95

24-HOUR GMT AIRCRAFT CLOCK



47⁹⁵
NO MONEY DOWN
\$5 monthly
See Page 412

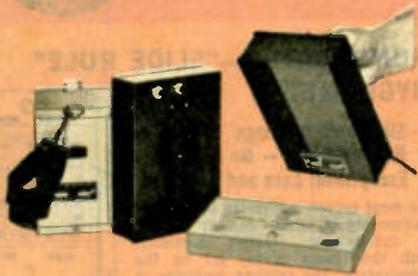
- Shows Greenwich & Local Time Simultaneously
- 24-Hour Dial
- Made in Accordance with USAF Specifications
- 8-Day Clock

A precision 8-day aircraft clock equipped with additional hand which is set for Greenwich time and moves simultaneously with the regular hour hand. Lightweight, unbreakable, oxidized black aluminum case. Winds and sets from the front. 24-hour dial, 1 7/8" dia. Shpg. wt., 1 lb.

F-828L Net 47.95

LAB and FIELD RESEARCH EQUIPMENT

Combination Long Wave and Short Wave UV Hand Lamp



- Long and Short Wave Ultra-Violet Light
- With 20 Identified Mineral Specimens

An economical, compact, self-contained source of both short wave and long wave ultra-violet light of medium intensity. For lab, home and field use where high intensity is not required. Operates from either AC house current or batteries. Easily carried—weighs only 1 lb., 14 ozs. Portability extends its uses. Typical applications: fluorescence demonstrations, mineral determination, prospecting. Special circuit has been designed for high efficiency, low drain operation. Tubes are easily replaced. Separate, extra large filters for short wave and long wave and switch for independent operation of each source. Includes 20 identified mineral samples and a 12-page book which describes some of the many uses of ultra-violet radiation. Comes complete ready for use—for 110-120 volts 50/60 cps AC. Less batteries (2-45V "B" batteries required for portable use). Battery adapter case optional. Size: 5 1/2 x 2 x 8 1/2". Shpg. wt., 4 lbs.

ML-255 Net 24.95
 Battery Adapter Case with adjustable shoulder strap. Shpg. wt., 2 lbs.
 ML-256 Net 5.75
 45-Volt "B" Battery (2 required for battery operation). Shpg. wt., 3 oz.
 BA-126 Net ea. 2.70

U/V FLUORESCENCE ACCESSORY SET

695

(Not Illustrated)

Contains 16 different items including: Invisible water paint (4 colors) invisible tracer power, invisible writing ink, phosphogram, UV transmitting and absorbing clear plastic, invisible dye, 10 yds. fluorescent elastic cord. 48-page "Story of Black Light" book of experiments.

ML-291 Shpg. wt., 1 1/2 lbs. Net 6.95

"INTER-VUE" ILLUMINATED INSPECTION SCOPE



1950

This is an observation magnifier whose long, narrow construction and small illuminating lamp make it ideal for viewing the inner surfaces of objects. Employs a right-angle prism, an objective lens, two intermediate lenses, and an eyepiece. Total magnification factor of 6. Since the inspection scope transmits the image through a right angle, it can be an invaluable aid in dental examinations. Can also be inserted into miniature equipment to "see around corners" and provide the magnification necessary for close examination. May be submerged in water or other fluid which is not an alcohol. The field of view is a circle, 3/8" in diameter, and the entire length of the instrument is 7 3/4". A small adapter (included) with a 6-ft. cord is plugged into a 117VAC outlet and the inspection scope is connected to the adapter through another 6-ft. cord. Unit is supplied with 3 replacement illuminating lamps, plus fitted wooden case. Shpg. wt., 2 lbs. Imported.

F-766L Net 19.50

DiSONtegrator[®] ULTRASONIC CLEANER



- EMPLOYS AN ADVANCED CLEANING PROCESS
- HIGH CAPACITY — 1/2-GALLON TANK
- 80-WATT AVERAGE OUTPUT GENERATOR

Lafayette brings you one of the lowest priced ultrasonic cleaners available. Ultrasonics has resulted in a new standard of time-saving, immaculate cleaning. A special transducer located in the solvent tank is excited by an ultrasonic generator (at 90,000 cps). It sets the solvent in agitation, producing microscopic bubbles (cavitation) which disintegrate dirt particles. Soil can be removed from the finest crevices without damage to delicate parts. DiSONtegrator Ultrasonic Cleaner consists of a 40-watt pulse generator and a 1/2-gallon cleaning tank. Tank constructed of stainless steel with 4A grade polish. Specifications: Input 110-117V, 50/60 cycles; Output 90 kc—80 watts, avg., 320 watts peak. Generator size: 12Lx9 3/4x7"H. Tank size: 6 1/4Lx7Wx6 1/2"H Complete with 4' connecting cable and 5-year free service guarantee. Exterior of tank and generator finished in baked enamel gray. See listing below for solvents.

ML-218WX Shpg. wt., 18 lbs. Net 119.95

30-WATT ULTRASONIC CLEANER

For cleaning small manufactured parts — electrical contacts, contact lenses, dentures, bearings, jewelry, etc. Generator output 30 watts average, 120 watts peak. Inside tank dimensions: 3 3/8x3 3/8x3" deep, 1-pint capacity. Shpg. wt., 18 lbs.

ML-300WX Net 79.95

120-WATT ULTRASONIC CLEANER

- 1 1/2 GALLON TANK

An extra high capacity cleaner widely used in electronics, automotive and other precision instrument fields. Valuable in all areas of applied medicine. Polished stainless steel tank size (inside): 12 3/4x7 1/2x1 1/2" high. Generator output: 90 Kc @ 120 watts average, 480 watts peak. 32-page manual.

ML-301WX Shpg. wt., 20 lbs. Net 219.95

SONitizer[®] Ultrasonic Cleaning Chemicals. Avg. shpg. wt., 9 lbs. per gal.

ML-257 Ammoniated Detergent, 1 gal. Net 4.05

ML-258 Detergent Concentrate, 1 gal. Net 3.95

ML-259 Zero Residue Fast Dry Solvent, 1-gal. Net 4.45

300-Watt Immersion Heater

Nichrome alloy heating element. Sheathed and sealed in nickel plated brass. Overall length 6 1/2", 115 V AC/DC 300 watts. Shpg. wt., 8 ozs.

F-388 Net .79

BASIC ULTRASONICS by Cyrus Glickstein. A definitive illustrated work for a complete understanding of the new art of ultra sonics. Divided into three sections: general theory, with special reference to the nature of sound and ultrasound waves; basic types of ultrasonic equipment; and ultrasonic applications. Each section is independent and can be read without reference to the other section. Soft cover, 144 pages 6x9".

BK-863 Postpaid in U.S.A. Net 3.43

ABBE DRAWING APPARATUS

- MICRO-CAMERA LUCIDA • HIGH OPTICAL QUALITY • EXCEPTIONAL CONVENIENCES



1095

The Abbe type drawing apparatus can be used with any microscope having a body tube diameter of 24 mm (society size). Permits "tracing" of subject as seen in the microfield by superimposing the image on a drawing plane. High optical quality of the prism and lateral reflecting mirror gives a "projected" image of extreme brightness and clarity. Free of distortion. Calibrated, dove tailed, adjusting slide. Complete with light and dark filters and fitted wooden case. Shpg. wt., 1 1/2 lbs. P-453 Imported

Net 10.95

HIGH INTENSITY LONG WAVE UV LAMP



- Portable
- Rugged Metal Case
- Pistol Grip Lamp Head For Hand Use

For use where high intensity light is required such as in detecting low level or trace fluorescence and oil contamination. Also ideal for medical observation, general research and analysis. Supplied with 5" round heat-resistant purple glass filter. Consists of separate lamp head and transformer base units, each in a rugged metal case. Transformer base measures 6 1/2x5x7 1/4" and has carrying handle, rubber feet and on-off switch. Lamp head is equipped with pistol grip for hand use. Pistol grip can be set on carrying handle for 360° rotation. Complete with 8-ft. connecting cord, 3-wire power cord with 3-prong plug and 2-prong adapter plug. For 110-120 volts, 50/60 cps AC.

ML-360 Shpg. wt., 18 lbs. Net 89.75

SHORT WAVE UV HAND LAMP



- Lightweight • Compact
- Easy To Hold

A powerful, compact unit that is ideal for industrial, laboratory and general research applications. Specular alzac reflector permits greater output and thrust. Special removable filter for viewing without filter. Operates on either AC house current or batteries, if used with optional Power Pack/Carrying Case (see below). Housed in black, high impact plastic case with on-off switch in handle. For 110-120 volts, 50/60 cps AC. Size 10 1/2x2".

ML-361 Shpg. wt., 2 lbs. Net 34.50

Same as ML-361 (above) except produces long wave U/V light.

ML-362 Net 27.50

POWER PACK/CARRYING CASE

For field use of ML-361, ML-362 (above). Contains battery adapter circuitry, lamp holder, 6 1/2x5 1/4x5" daylight viewing compartment with two hinged doors, plastic carrying handle and battery chamber for two 45-volt "B" batteries (not supplied). Overall size: 12Wx8 3/4Hx5 1/2"D.

ML-363 Shpg. wt., 8 lbs. Net 19.50

25V "B" Battery for above (2 req.)

BA-126 Shpg. wt., 1 lb. Net ea. 2.70

DUPLEX EYEPIECE ADAPTOR

- SIMULTANEOUS DUAL OBSERVATION

Practical, comfortable viewing of the microscope field by two observers. Exceptional optical quality provides equally clear, undistorted views to either tube. No variation is created in focusing methods. May be used with eyepieces of equal or varying power. Particularly suited to classroom "student-instruction" work or where too few microscopes are available. Provides for ocular power variation without removing eyepiece. Permits "consultant" viewing. Fits standard Society size microscopes and accepts standard (23mm) eyepieces. Shpg. wt., 12 oz. Imported



F-616

Net 5.95

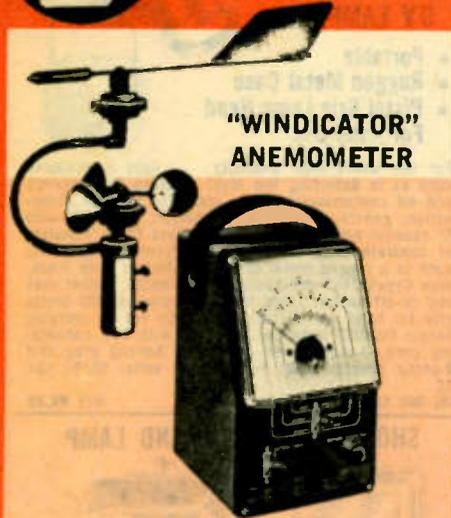
DEMONSTRATION EYEPIECE

- VARIABLE OCULAR INDICATOR

A movable pointer in the eyepiece is visible in the optical field. Permits indication of points of interest—serves as index guide or point of reference. 8X, highly corrected, fits any standard 23mm microscope tube. Complete with case. Shpg. wt., 8 oz. Imported.

F-449 Net 4.95

TECHNOLOGICAL AND SCIENTIFIC WEATHER INSTRUMENTS



"WINDICATOR" ANEMOMETER

- Wind Direction and Velocity Indicator
- Direction and Velocity on One Dial
- Indicates Velocity from 0 to 100 m.p.h.
- New "Gyro" Design
- Starting Speed: 5 m.p.h.
- Accuracy for Speed $\pm 5\%$

Registers wind velocity and direction on a single dial. Completely self contained—no outside power source is required. A precision velocity/direction system designed to fill the needs of serious weather students, pilots, colleges, broadcast stations, marinas, airports, farms, testing labs, drilling rigs, forestry stations, yacht clubs, motels as well as private homes and executive offices. The transmitter assembly may be mounted on any suitable elevated position. Utilizes any 1/4" O.D. pipe or mast. Indicating unit can be wall mounted or set on a desk, table, mantle or shelf. The indicator is housed in a handsome wooden cabinet, 5 1/2" x 2 1/2" x 7 1/8", finished in black and gold. Highly legible dial face 4 1/2" x 3 1/2". Two scales for speed, 0 to 25 m.p.h. and 0 to 100 m.p.h. plus third scale for direction. Outdoor parts of aluminum and specially coated and treated steel for maximum corrosion resistance. Self contained battery—no drain except when reading wind direction. Simple installation—similar to TV antenna installation. New "Gyro" design for maximum stability and minimum wind loading. Complete with 60 ft. of 5 conductor, color coded cable, 1 1/2 volt battery and instructions. Shpg. wt., 15 lbs.

F-507WX Imported Net 48.95

"WINDICATOR" MOUNTING KIT

- Guyless Universal Mounting Assembly

Consists of mini-tower for mounting on any peaked or flat roof or surface. 5 ft., 18 gauge, 1 1/4" O.D. aluminum mast. Special, hardened screw-nails for rigid fastening. Self sealing, adjustable feet. Five standoff insulators. Set up height 9 ft.

AM-20WM Shpg. wt., 8 1/2 lbs. Net 7.17

WR-121 Shpg. wt., 2 1/2 lbs. Net, per 100 ft. 4.70

ABNEY CLINOMETER LEVEL



The Abney topographic level enables the user to determine ground elevation—measures degrees of slope or inclination—run a level line—etc. Permits preliminary surveying with little or no experience. Fine prismatic system. Arc scale is divided into 60 degrees both sides of zero. Vernier scale reads 1 to 10 minutes. Arc swings from 0 to 90 degrees. Particularly useful in laying out drains—retaining walls and fences—driveways—fields—etc. Includes leather case and strap. Shpg. wt., 3 lbs. Imported

F-138 Net 5.95

PORTABLE WINDICATOR

- Hand Held Anemometer
- Indicates wind direction and velocity to 50 m.p.h.
- Easy to operate—30 second readings
- Simple—foolproof—direction indicator

2250

NO MONEY DOWN

A completely self contained instrument that registers wind velocity up to 50 m.p.h. and wind direction by means of an integral compass and accurate vane. Requires only 30 seconds exposure for accurate readout. Immediately resettable. Designed specifically for boat owners, marinas, pilots, airports and small weather stations. Indispensable for sports events such as skiing, sailing regattas and shooting meets. Lightweight and rugged, contoured handle for ease of holding. The handle may be removed and the entire unit mounted on a standard camera tripod. This feature permits untended, continuous wind direction indications. Easily read, 3 3/4" white dial face with black numerals and red indicator. Heavily chromed and enameled to resist the elements. Overall height 15", including handle. Shpg. wt., 2 lbs.

F-623 Imported Net 22.50

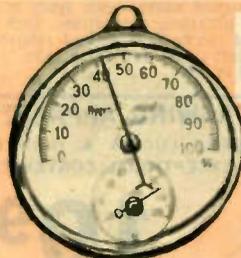
POCKET THERMOMETER

- Accurate Lab Type
- With Metal Case

180

Ideal for a wide range of testing and inspection jobs in the laboratory, factory, and the field. Mercury type—partial immersion. Easy-to-read white scale with black numerals. Sub-divided by 2° F. Polished nickel-plated case with pocket clip and ring on top. Overall 6 1/4" long; tube length 5 1/2". Shpg. wt., 4 oz. F-771 Range: -30° to 120°F Net 1.80
F-772 Range: 0° to 220°F Net 1.80

HYGRO-THERMOMETER



495

Do you ever wonder what it is about the weather that makes you feel miserable? This instrument evaluates the physical discomfort that is caused by the relative fluctuation of temperature and humidity. A large 3 1/2" easy-to-read dial face is housed in a metal case fitted to hang on your wall. One scale records the humidity in the atmosphere and is marked in percent, the other scale indicates the temperature in degrees fahrenheit. Each scale has its own individual dial pointer for at a glance readings. Shpg. wt., 1 lb.

F-788 Net 4.95

HUMIDICATOR—"SLIDE RULE" HYGROMETER

- Slide Rule Readings
- No Computing — No Conversion
- Exceptional Ease and Accuracy

The most recent innovation in weather instruments. Fastest—easiest method of determining relative humidity. With the cursor (slide) set on the temperature, the relating humidity is read directly off the humidity indicator graph. Does away completely with tables, charts and time consuming calculations. The "sliderule" calculator correlates wet and dry bulb readings and "calls-out" percent of relative humidity. The "Humidicator" graph is calibrated in increments of 2%. Lesser figures may be readily estimated. Both thermometers are calibrated in increments of 2° from 20°F. to 120°F. Background colors chosen for easy readability and instant reference to "Humidicator" graph. Specially treated gauze for wet thermometer has increased "wetting" capacity. Overall size, including cistern, is 13 1/2" x 3 3/4". All mounted on a mahogany board with provision for hanging. Shpg. wt., 1 lb.

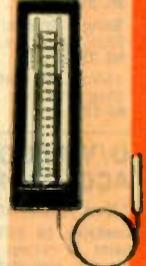
F-496 Imported Net 2.69



INDOOR-OUTDOOR THERMOMETER

Tell inside and outside temperature— instantly — from the comfort of your room. Inside location—ideal for quick-easy reading. Dual tubes single scale for instant, visual comparison. Plastic case with modern tapered lines. 8" x 2 1/2" x 48" long copper capillary tube and bulb. Large scale numeral for ease of reading. No moving parts to become worn. Shpg. wt., 1 lb.

F-321 Net 2.58



MAXIMUM-MINIMUM THERMOMETER

For weather enthusiasts-gardeners-farmers, etc. Gives three readings at a glance — maximum, minimum and present temperatures. Self-registering — no knobs — magnets — or push buttons needed for reset. Magnifying lens case for ease of reading. Maintains automatic check on temperature variations. Makes you the local weather expert. Shpg. wt., 1 lb.

F-372 Net 4.70



REMOTE READING THERMOMETER. Same as above but with remote for comfortable indoor reading of outdoor temperature. Includes mounting bracket and instructions. Shpg. wt., 1 lb.

F-851 Net 7.49

RAIN GAUGE

Farmers, gardeners, weather hobby sts. All need this sturdy, molded plastic rain gauge, precision manufactured to give accurate rainfall records. Unique "chisel" shape permits recording of minute quantities of precipitation. Exclusive easily-operated Cumulative Rainfall Indicator. The gauge has large numerals on an easy-to-read scale graduated up to 5 1/2 inches. Scales in black numerals on transparent shell with opaque back for easy readability. With complete instructions for mounting and use, to obtain weather-station accuracy to 1/10th of an inch. Overall length 10 3/4" width 2 1/2". Shpg. wt., 8 ozs.

F-494 Net 1.59



EXPERIMENTERS — HOBBYISTS — STUDENTS

SENSATIONAL NEW LIE-DETECTO MACHINE



4⁹⁵

An Action Packed Electronic Sensation!

- Employs The Same Method As The Famous Polygraph Machine
- Registers Emotions, Feelings and Reactions
- Absolutely Safe

Lie-Detecto measures the change in resistance in the skin due to emotional response by means of a special hand-band which detects the amount of perspiration on the skin. Emotions, Feelings and Reactions are registered on an indicator which swings from Start thru Could Be, Are You Kidding, Little Whopper and Big Whopper, depending on the reaction of the person tested. In addition two panel controls provide for Sensitivity and Adjustment. Unit is enclosed in an attractive rugged enclosure of non-breakable Norolon. Supplied with simple instructions and sample questions, hand-band and batteries. Shpg. wt., 4 lbs.

AP-84 Net 4.95

NEW! ELECTRIC MUSIC BOX MOVEMENTS

1⁹⁸



- Full 18 note scales
- Maintains perfect pitch
- Operates on a single flashlight cell

Uses limited only by your imagination! Battery operation opens a whole new field of applications. No springs to run down—no keys to wind! Precision built miniature motor and moving parts are designed to last a lifetime. Can be used anywhere ordinary movements are used—plus many more places. You can have a musical door "bell" musical electric toys! work into model train layouts! store displays! annunciators. Measures only 3x1 1/2x7/8". Operates from any 1 1/2 volt battery of your choice. Shpg. wt., 6 oz. Imported

- MS-760 Moonlight Serenade Net 1.98
- MS-761 Smoke Gets in Your Eyes Net 1.98
- MS-762 How Dry I Am Net 1.98
- MS-763 Around the World in 80 Days Net 1.98

PROJECT-A-SCOPE

- Projects Giant Pictures in Color or Black and White—Without Films or Negatives
- For Lectures — Study — Classroom or Just Plain Fun



5⁹⁵

Handsome projector molded of heat and abuse resistant, hi-impact plastic for long life. Casts sharp, giant-size enlargements on any white wall or screen in brilliant color or black and white. Simple to operate. Can be used by students, artists, collectors, lecturers and demonstrators. Children can project their favorite comics or story books to amuse themselves and their friends. Uses ordinary household bulbs. U/L approved. 110 volts, AC. DC. Shpg. wt., 2 lbs.

F-694 Net 5.95

NEW! REVELL "Slant-Six" MODEL KIT

9⁵⁵



- FOR MODEL MECHANICS
- MOTOR PARTS ACTUALLY WORK
- EDUCATIONAL • AUTHENTIC PROTOTYPE

Except for size, this Revell motorized plastic 1/4" scale working model kit of a slant six automobile engine duplicates its full size prototype. The design has been officially approved by the Chrysler Corporation. The more than 200 individual parts are precise in detail with those of the remarkable new engine powering the Valiant and Lancer automobiles. Just as the real engine, it can be built up and taken down as often as desired. A section of the block can be removed to see the interior parts actually working. In this motor-minded age the "Slant-Six" makes an ideal kit for any boy or man to own and build. It's fun—and according to educators, its an excellent learning tool. Included is an elaborate educational instruction booklet and a sturdy stand for mounting the engine. Battery operated to provide realistic engine movements. Economical "C" cells are used.

F-769 Shpg. wt., 2 1/2 lbs. Net 9.55
BA-156 Extra "C" cells. 2 required. Net ea. .13

"THE BIG EAR"



12⁹⁵

- Big 18" Reflector Disk Concentrates Sound Waves into Transistor Unit Which Amplifies Them Loud and Clear

Powerful new transistorized listening device. Not just a toy—works on the same principle as the fabulous Missile Tracking Antennas. Pick up sounds too distant for you to hear. Make your own wildlife recordings or carry on long range 2-way communications (using a "Bull Horn"). Ideal for experimenters, etc. Complete with sturdy tripod and stethoscope-type earphones. Uses one 9V Battery (not supplied). Shpg. wt., 5 lbs.

AP-96 Net 12.95
BA-2 9V Battery for above Net .26

DISTLER MINI-MOTOR

- EXTREMELY EFFICIENT
- VOLTAGE RANGE 1.5 to 6 V.D.C.

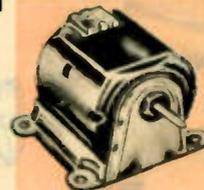
Exceptionally versatile miniature D.C. motor. Operating voltage from 1.5 to 6 volts D.C. Extremely low current drain. Will operate on voltages for above and below rated requirements. Ball bearings afford maximum efficiency. Transparent plastic brush housing—removable brushes—tubular form. Overall size 2 3/4x1 1/4x1 1/4". Shaft 3/16". Weight 2 3/4 oz. Recommended for industrial and laboratory development work. Used in remote control devices, models, displays, etc. 6 oz. F-258 Imported from Germany Net 2.25



2²⁵

SUPER MICRO-MOTORS

- HALF THE WEIGHT — TWICE THE POWER!
- HIGHER SPEED—LOWER DRAIN!
- PERMANENTLY LUBRICATED!
- DOUBLE PERMANENT FERRITE MAGNETS!



Expertly designed, miniature, D.C. permanent magnet motors. Highest power and speed to weight ratio of any miniature motor makes these a "natural" for models and remote control applications. Utilizes phosphor-bronze brushes and brass sleeve bearings! Shafts are 3/32" in diameter. F-403 is 1x1 1/2x1 1/2", 1 1/4 oz. F-404 is 1 1/4x1 3/8x1 3/8", 2 1/4 oz. F-405 is 1 1/4x1 3/8x1 3/8", 2 1/4 oz. Avg. shpg. wt., 4 oz. Complete with leads. Imported.

Stock No.	Volts Range	Drain Ma.	RPM	Net	Lots of 3 Ea.
F-403	1.5-4.5	200-300	5000-6000	.59	.53
F-404	1.5-6	200-300	6000-7000	.89	.80
F-405	1.5-9.0	100-150	7000-8000	1.10	.98

149 "ROCKET" GERMANIUM RADIO

- No Batteries — No Power Needed
- Includes Crystal Earphone & Antenna
- A Complete Radio Receiver

This authentic plastic molded space rocket may not permit space travel, but the sensitive Germanium receiver it houses is capable of receiving the entire broadcast band. Easy tuning is assured by the collapsible nose "antenna." Supplied with Germanium Diode, crystal earphone and clip on antenna. Size: 4 1/2" x 1 1/2" x 1 1/2" Diam. at base. Shpg. wt., 6 oz. Imported



F-417 Net 1.49

SEWING MACHINE MOTOR

- 1 to 1.2 Amps under load
- 15,000 RPM to 5000 under load
- 12 in./oz. Torque

4⁹⁵



For replacement or initial motorizing of sewing machines. Powerful enough for fans-blowers-dental and jewelers (athes-hobby tools-displays). 5000 RPM full load speed, 15,000 RPM no load speed. CCW rotation facing shaft end. Cast housing 4 1/2" long, less shaft x 2 1/4x2 3/4" W. Two tapped 10-32 mg. holes on 2 1/2" centers. 1/4" fitted shaft, 3/4" long, 12" cord lead. Fan cooled, permanent oilite bearings. Operates on 110/120 Volts AC or DC. Shpg. wt., 2 1/2 lbs.

MS-843 Net 4.95

ELECTRONIC METRONOME

- Flashing Baton
- Battery Operated

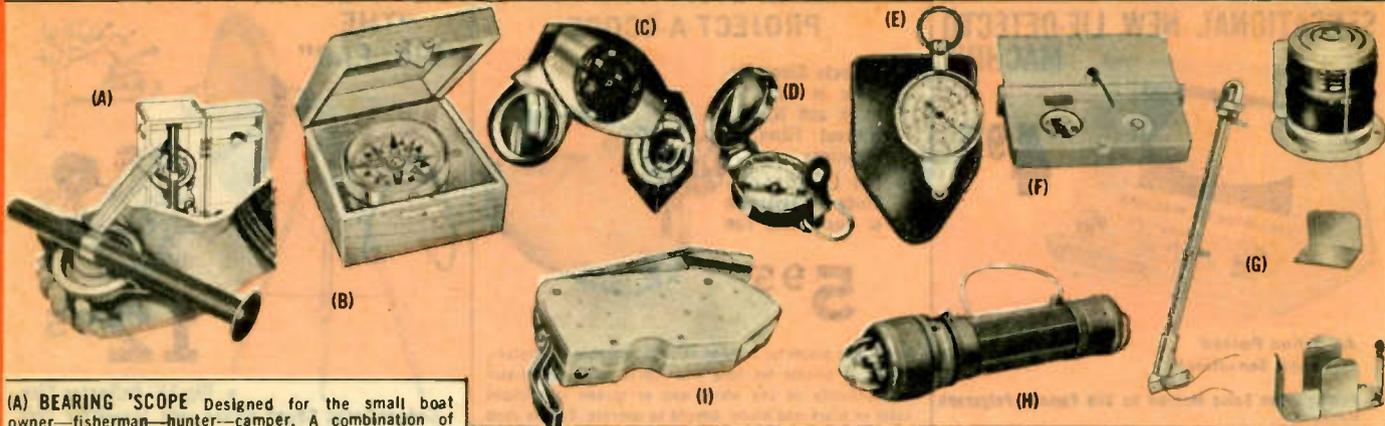


14⁹⁵

A smart, modern electronic metronome that uses transistors and is battery operated. Contains no motors or gears, has no tubes to replace, and does not have to be plugged in. Starts operation at the turn of a dial. Features a bright neon light which flashes in synchronization with an audible beat. Dial also provides adjustment for suitable tempo (40-208). Draws very little current assuring long battery life. 6" high and 7" wide at base. With batteries. Shpg. wt., 2 lbs. Imported.

F-953 Net 14.95

Selected Feature Values



(A) BEARING "SCOPE" Designed for the small boat owner—fisherman—hunter—camper. A combination of an "alidade" type sighting tube and a jeweled pivot, liquid compass. Takes instant, accurate sightings on landmarks and converts them into compass bearings. By recording two bearings you can return to the precise position at any time. Fixes your position automatically—easily—and without "navigator's" complicated instruments. The compass is graduated in increments of 1° with each 10°s called out. Constructed of heavy brass throughout, anti-magnetic and corrosion-proof. Complete with instructions. Shpg. wt., 3 lbs. Imported.
F-660 Net 24.95
BA-155 Battery For F-660 Net .13

(B) MARINE COMPASS Entirely non-magnetic and corrosion resistant. Direct-reading 360° dial. All cardinal points are oversized. Compass is easily removed from gimbal for safe keeping. May be mounted as a permanent binnacle or used as a portable unit. Dimensions are 4½x4½x3½". Shpg. wt., 1½ lbs. Imported.
F-386 Net 2.59

(C) COMBO COMPASS Here is an unusual gift for the outdoorsman—boy scout, camper, or boatsman. Combines four useful instruments in one compact unit. Compass—transparent for accurate course plotting. Calendar—indicates any day of the week up to 1977. Magnifier—also ideal for fire starting. Mirror—located on back of unit; can be used for signalling. Compass on one pivot arm, magnifier on other; unit folds down to 2¾x1¾x¾". Shpg. wt., 4 ozs. Imported.
F-935 Net 1.89

(D) LENSATIC POCKET COMPASS Jeweled-bearing metal scale with cardinal points in luminous paint. Twin scale, 0 to 64 and 0 to 360. Bezel rotates 360°—with 3° click stops for ease in computing. "Notch and hairline" sighting for accurate azimuth readings. Luminous reference lines on 2" diameter glass face plate. Black anodized aluminum case with brass fittings. Shpg. wt., 6 oz. Imported
F-493 Net 2.25

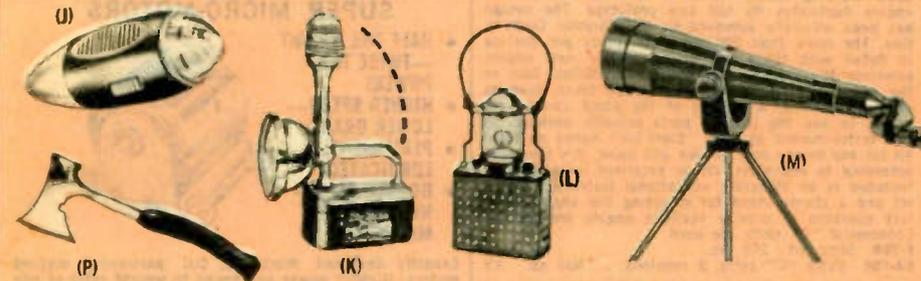
(E) MAP MEASURER & COMPASS Just trace along route on map and multiply miles—per inch factor by reading on dial. Also reads directly in inches up to 39". Built-in magnetic compass has cardinal and secondary points—full 360° markings in tenths. Accurate and dependable. Complete with leather sheath. Shpg. wt., 8 oz Imported
F-47 Net 1.59

(F) UNIVERSAL SUN DIAL COMPASS Pocket-sized modernized version of the worlds oldest "time piece." Perfect companion for Boy Scouts—hikers—hunters—campers—tourists—fishermen. Unusually accurate sun-time readings are possible by means of time/sun declination charts included. Sun dial, compass and level are incorporated in one solid case measuring 2¾x1½x½". Shpg. wt., 6 ozs. Imported.
F-627 Net 1.15

(G) LAFAYETTE BOAT-LITE KIT The Lafayette Boat-Lite Kit meets the rigid requirements for lights on small boats as set up by the U.S. Coast Guard. The combination red and green running light has correctly shielded lens for clear visibility for over one mile. The flag-staff stern light has a unique plug-in feature for quick and easy removal. Light is visible for 2 miles. All parts are corrosion-resistant. Kit includes mounting brackets and instructions. Shpg. wt., 3 lbs. Imported.
F-559 Boat-Lite Kit (less battery) Net 3.69
BA-163 6-Volt Battery for above (wt., 3¼ lbs.) Net 1.83

(H) AMPHIBIOUS FLASHLIGHT Completely waterproof, gas tight, explosion proof flashlight. Tested to more than 150 feet under water. Unique lens provides both spot and diffused light. Base switch can be set to use for signalling. Perfect for the skin diver, fisherman, sportsman—or in industry, mines, tankers. Shpg. wt., 1 lb. Imported.
F-434 Net 2.95

(I) DELUXE GENERATOR FLASHLIGHT The perfect pocket flashlight for home, car—or to carry with you. Plenty of bright light generated by thumb pressure. No batteries to corrode or go dead. Beautifully styled, it includes lock switch and finger strap. Only 4½x½x¾" 1¾" O. Ideal for campers—tourists—motorists. Weighs only 6.5 oz. Imported
F-838 Shpg. wt., 11 oz. Net 3.59
F-839 Replacement bulb Net .13



(J) RECHARGEABLE FLASHLIGHTS Always ready for use—no more batteries to buy. Simply plug into the nearest 110V. A.C. wall outlet—leave overnight—for a complete recharge. Self contained charger and cells need no service or replacement in normal use. 4x1¾" overall. Shpg. wt., 6 ozs. Imported.
F-688 Net 2.59

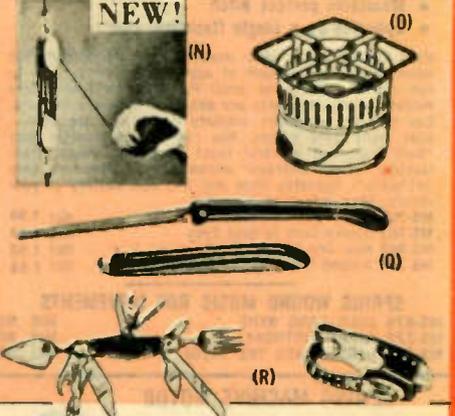
(K) BIG BEAM Powerful, versatile sealed beam hand lamp. Operates as a lamp, a flashing red beacon or both. The flashing beacon may be positioned up or down. Sealed beam bulb keeps mirrored reflector dust free. 4" chrome-plated steel lamphood. Steel weather-proof case with hinged cover and snap catch. Operates on one battery. Shpg. wt., 3 lbs.
ML-66 Less Battery Net 6.98
BA-161 No. F4H battery wt., 1½ lbs. Net .79

(L) BURGESS RADAR-LAMP Can be used in any position without danger of explosion. Battery power means no heat, no fumes, no matches. Lantern head provides 360° illumination, enough to fill a room with usable light. Leakproof, weatherproof, corrosionproof. Separated head and battery design banishes corrosion damage.
ML-303 Shpg. wt., (with battery) 4½ lbs. Net 5.73
BA-163 TWI Battery. Shpg. wt., 3¼ lbs. Net 1.83

(M) 30x, 60mm SPOTTING SCOPE Field of view is 85 feet at 1000 yds. Both front and rear optics are coated. High relative brilliance due to 60mm objective lens. Exceptionally small and light—weighs only 2 lbs. including metal tripod! The perfect companion for shooting—hunting—viewing—naturalists—and hobbyists. Equipped with 1½" tripod and zippered leather carrying case. Shpg. wt., 3 lbs. Imported
F-149 Net 16.95

(N) MINIATURE IMPROVED HOIST Indispensable in industrial plants and workshops. Perfect for hunters—boaters—airplane owners—motorists. Made of high grade aluminum with steel axles. Prelubricated for life. Two lifting slings—with heavy, welded steel rings. Nylon cable supplied tests at 550 lbs. per strand. "Midget" hoist comes with 70 ft. of Nylon cable, has a 5 to 1 ratio—1000 lb. test—and weighs only 13 oz. "Tiny" hoist has 100 ft. of Nylon cable, a 7 to 1 ratio—2000 lbs. test—and weighs only 15 oz.
HD-330 "Midget". Shpg. wt., 1½ lbs. Net 6.95
HD-331 "Tiny". Shpg. wt., 2 lbs. Net 8.95

(O) SMALL FRY PORTABLE ALCOHOL STOVE Made of lightweight aluminum with a ceramic insert that completely absorbs the alcohol fuel. This remarkable alcohol stove is so safe you can roll it along the floor while it is burning. Boils water in 12 minutes. Burns for 3 hours for 10c of fuel. Weighs only 24 ounces and measures a compact 5x5". Shpg. wt., 2 lbs.
ML-307 Net 3.75



(P) CAMPER'S HAND AXE Drop forged steel, one piece scout axe. Re-curved, shock absorbing handle. Air-cushioned rubber grip. Fully polished head and shaft. 24 oz. weight. 13½" overall. With nail-puller. Shpg. wt., 2 lbs. Imported
HD-461 Net 1.95

(Q) FOLDING CAMPERS SAW Handy, compact folding saw. Nine-inch spring steel blade folds back into polished, hardwood handle. Special snap lock keeps blade in sawing position. Ideal companion for campers, hunters, or as a gardener's pruning saw. Overall size only 10½x2x¾". Shpg. wt., 8 oz. Imported.
HD-482 Net .98

(R) CAMPER'S "KOMBO-KNIFE" 11 steel blades offer 12 assorted uses—spoon, fork 3½" saw, 3½" knife, pruning knife, scissors, can opener, bottle opener, corkscrew, screwdriver, file, scraper. Handle of tough simulated bone. When closed measures only 4¾" long. Complete with leather sheath. Shpg. wt., 1 lb. Imported.
F-555 Net 1.59

DELUXE 8mm MOVIE CAMERAS

LAFAYETTE AUTOMATIC ELECTRIC EYE 8mm ZOOM MOVIE CAMERA



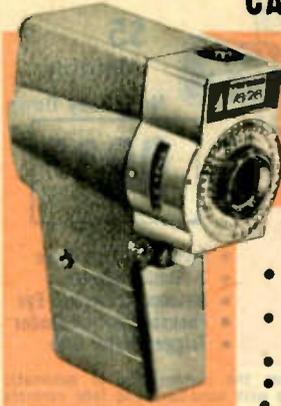
59⁹⁵

No Money Down
\$5 Monthly

- Fully Automatic Exposure
- Fast f/1.9 Zoom Lens
- Brilliant "Follow Focus" View Finder
- Trigger Action Pistol Grip

A great value from Lafayette. Built-in electric eye automatically, continually sets exposure for ASA 10-40. Fast, f/1.9 lens zooms from Wide-angle through Normal and Telephoto. Big picture window viewfinder instantly gives field of view. Signal appears in viewfinder if light is not sufficient for proper exposure. Other outstanding features include manual exposure control, continuous run or single frame exposure, cable release socket and sturdy pistol grip handle for steady pictures. Fast drop-in loading makes using this camera a holiday of pleasure. Smart two-tone grey finish. Imported Shpg. wt., 5 lbs. F-940L Net 59.95
Carrying Case for Above Camera and Accessories. F-784L Shpg. wt., 2 lbs. Net 5.79

vernON 18/28 AUTOMATIC 8mm MOVIE CAMERA



39⁹⁵

NO MONEY DOWN

\$5 Monthly

- Fully Automatic Electric Eye
- Electric Drive ... No Winding
- Sharp f/1.8 Lens
- Built-In Handle
- Remote Control*

An outstanding value in automatic 8mm movie cameras. Completely new design of rugged die-cast construction houses a fully automatic camera. Fast, sharp f/1.8 13mm lens does not require focusing. Built-in automatic electric eye adjusts lens opening from f/1.8 to f/16 according to light conditions. Adjustable for film speeds ASA 10 to 50. Perfect shots every time. Lens opening visible on side window. No rewinding, causing you to miss precious "once-in-a-lifetime" shots. All-electric drive runs on 4 inexpensive penlight cells. Shoots up to 20 rolls without a battery change. Run, lock or continuous run release trigger lets you get into your own movies. *And best of all, a remote control (10-ft. cable) is available at extra cost. It lets you obtain true candid, natural shots of children and wild life. Imported

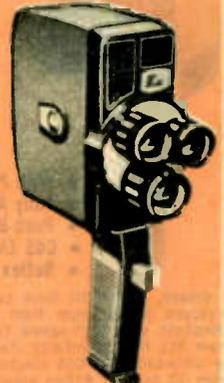
F-931L Shpg. wt., 5 lbs. Net 39.95
F-932 Remote control Switch and Cable Net 4.98

3-LENS f/1.8 8mm CAMERA with ELECTRIC EYE

29⁹⁵ \$5 monthly

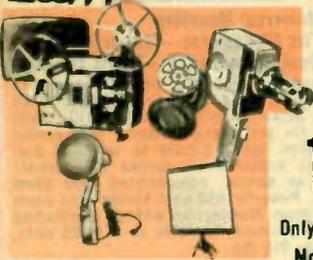
NO MONEY DOWN

- Automatic, Cross-Coupled Electric Eye
- 3 Quick Change, Turret-Mounted f/1.8 Lenses
- Built-in "A" Conversion and UV Haze Filters
- Pistol Grip with Trigger Release
- "Combo-View" Finder for Normal, Wide-Angle and Telephoto Shooting



You get perfectly exposed movies automatically simply by aligning the needle in the viewfinder. Film speed selector dial adjusts for speeds of ASA 10-40. A quick twist of the turret dials the effect you want; from Normal to Wide-angle or Telephoto for thrilling close ups of distant subjects. The fast f/1.8, fixed-focus lenses are color-corrected and coated. Etched optical view finder shows exact field for each lens. Full sized pistol grip with trigger release provides easy one hand operation. Economical drop-in spool loading. Includes instructions and pistol grip handle. Imported
F-863L Shpg. wt., 5 lbs. Net 29.95
F-648L Holster case for F-863L Net 2.95

ZOOM MOVIE OUTFIT



124⁵⁰

Only **\$7 Monthly**
No Money Down

A complete Zoom movie outfit with matched components to assure success in taking and showing home movies. The camera is Lafayette's Zoom f/1.9 Auto 8 (F-940L), "Ultra" 500 projector (F-785WX), 30"x40" folding screen (F-536), new Hi-Lite movie gun (F-868M) 2 Sets of 400' reels & cans (F-538), Zoom camera case (F-784), 25-ft. roll of color movie film with processing (F-948). F-958WXM Shpg. wt., 40 lbs. Net 124.50

MINOLTA ZOOM 8

- CdS Electric Eye Automatic Exposure
- 10-Element f/1.8 Rokkor Lens
- Micromotor Electric Drive



127⁵⁰

No Money Down
\$7 Monthly

A fine, battery powered, 8mm camera featuring a sensitive cadmium sulfide light meter that automatically sets the right exposure for any film (ASA 10-400), color or black and white. Just sight and shoot... that's all. Zoom 8 does the rest. A warning signal shows in the viewfinder in case of insufficient light for perfect exposures. Rokkor f/1.8 lens zooms from wide-angle to telephoto (10-30mm) with the touch of a finger. Filming Speeds: 12, 16 and 24 fps. High-efficiency micromotor is powered by four inexpensive penlight batteries (Included). Has manual control for special effects, single lens reflex viewfinder for through-the-lens focusing and viewing, built-in battery level indicator. Spool loading. Shpg. wt., 4 lbs. Imported.
F-959L Net 127.50
BA-155 Repl. Penlight Batteries (4 req.) Net ea. .13

BUDGET PRICED AUTOMATIC MOVIE OUTFIT



79⁹⁵

No Money Down
Only **\$5 Monthly**

Everything you need for movie-making and showing fun. No need to "shop" for unmatched equipment, no need to pay more. You get all this: Lafayette's F-863L f/1.8 Triple-Turret movie camera with automatic meter; F-784 holster-type camera case; "Holiday," F-526, 500-watt projector; F-536 30x40" screen; F-537 Bar Light; 2 F-539 photo flood lamps; 2 F-538 400' reels and cans. Unbeatable for foolproof shooting and showing of indoor and outdoor movies. Shpg. wt., 30 lbs. F-867WXM Net 79.95

CONTINENTAL COMPARTMENT CASE 899

- Finest Cowhide Leather
- New Swing-Away Top
- 9"x5"x6 1/2"
- Contour Shape



Holds movie camera plus accessories. Unique swing-away tops stays open for easy access. Contour shape hugs the body. Imported black cowhide with nickel fittings and corduroy lining. Adjustable shoulder strap with foam rubber pad. Shpg. wt., 3 lbs. Imported
F-885 Net 8.99

298 SPORTPOD



The Sportpod is a 3-section leg with tripod screw on top, protected with a removable cap. Offers rigid camera support with least possible weight and bulk. Supplied with suspension strap. Total extended length is 58"; telescopes to 21 1/2". Sections measure 7/8", 3/4" and 9/8" in diameter. Shpg. wt., 1 1/2 lbs. F-961 Net 2.98

YASHICA AUTO-8 ZOOM MOVIE CAMERAS

DELUXE YASHICA "UP" POWER ZOOM-8



129⁹⁵

No Money Down

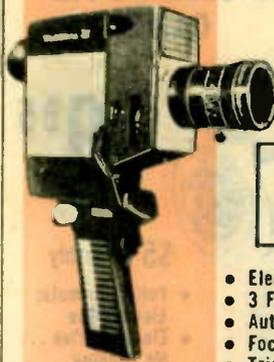
\$7
Monthly

- With Pistol Grip
- Fully Automatic Exposure
- Push-Button Zoom
- CdS Electric Eye
- Reflex "Thru-the-Lens" Viewing

A deluxe, all-electric 8mm camera featuring pushbutton 3 second power zoom from 9mm wide-angle to 27mm telephoto with high-speed Yashicon f/1.8 lens. Focuses from 3½ feet to infinity. Fully automatic exposure set by ultra-sensitive CdS electric eye with full ASA range from 10 to 640. Reflex viewfinder offers "through-the-lens" viewing—you film exactly what you see. 3-speed battery operated micromotor film drive operates at 12, 16 and 25 fps for high-speed, normal or slow-motion filming. Has built-in Type-A filter; battery condition indicator; manual exposure control and zoom ring; exposure warning indicator; wind-back key for double exposures, lap dissolves; adjustable eyepiece. Spool loading. Supplied with remote control, pistol grip with trigger and four penlight batteries. Shpg. wt., 6 lbs. Imported.

F-960L Net 129.95
BA-155 Repl. Penlight Batteries (4 req.) Net ea. .13

YASHICA U-MATIC REFLEX ZOOM-8



\$5
Monthly

No Money Down

99⁹⁵

- Electric Motor Drive
- 3 Filming Speeds
- Automatic Electric Eye
- Focusing Reflex Finder
- Trigger Pistol Grip

The U-Matic combines the convenience of automatic electric eye exposure with wind-back and fade controls for lap dissolves and complex trick effects. High-speed Yashicon f/1.8 lens zooms from 9mm wide-angle to 28mm telephoto and stays in sharp focus from 3½ feet to infinity. Parallax-free reflex viewfinder permits "through-the-lens" viewing—what you see is what you film. Battery operated motor runs camera at 12, 16 and 24 fps for fast, normal or slow-motion filming. Has ASA film speed dial (10, 16, 25, 32, 40); built-in battery tester; zoom lever, manual exposure control; exposure warning (indicates insufficient light for filming); adjustable eyepiece. Spool loading. Supplied with 16-ft. remote control and switch, trigger pistol grip and four penlight batteries. Shpg. wt., 3½ lbs. Imported.

F-962L Net 99.95
BA-155 Repl. Penlight Batteries (4 req.) Net ea. .13

YASHICA 8U-G RE-LEX ZOOM-8



79⁹⁵

No Money Down

\$5
Monthly

- Fully Automatic Exposure Control
- Precision Yashicon Zoom Lens
- "Thru-the-Lens" Viewing
- Electric Motor Film Advance
- Smooth-Acting Trigger Pistol Grip

A completely automatic camera which contains most of the features anyone could ever want in one unit. Just point and shoot—automatic electric eye makes perfect exposure. High-speed Yashicon f/1.8 lens zooms from 9.5mm to 19mm. Reflex "through-the-lens" viewing guarantees that what you see is what you get on film. Battery operated electric motor drive means that you'll never again have to rewind in the midst of an important scene. Operates at 16 fps. Has ASA film speed dial (10, 16, 25, 32, 40); built-in battery condition meter; exposure warning (indicates insufficient light for filming); focusing eyepiece. Convenient drop-in spool loading is fast and easy to use—no threading required. Supplied with trigger pistol grip and four penlight batteries. Shpg. wt., 3½ lbs. Imported.

F-963L Net 79.95
BA-155 Repl. Penlight Batteries (4 req.) Net ea. .13

ZOOM MOVIE GUN



10⁹⁵

- Separate Normal/Wide-Angle and Telephoto Positions
- "Bounce" Light Lever
- 650-Watt Bulb

Now, a zoom movie gun, made especially for zoom movie cameras. Simple to operate—switch up gives widest beam spread for normal and wide-angle lenses, switch down for a narrow, concentrated light beam with telephoto lens. Special tilt lever for "bounce" illumination. Convenient exposure guide on back of light. Simple fold-a-way bracket takes any movie camera. Sylvania 650-watt, sealed beam bulb supplies maximum illumination without overloading power circuit. U.L. approved. Overall less than 12"; under 2 lbs. Operates on 115-125V 60 cycle AC. Shpg. wt., 4 lbs.

F-926 Net 10.95

8mm MOVIE MAKER'S WORKSHOP

- Includes Butt-Splicer, Quik-Splicer. Rewinds and Mounting Board with FPS Scale



6⁸⁸

Complete 8mm splicing and film repair outfit includes butt-type splicer, two post rewinds with self-lubricating Nylon gears mounted on a deluxe hardwood base which has a scene timing scale. Holds reels with up to 400' film capacity. Steel arms are chrome plated. Shpg. wt., 2 lbs.

F-967 Net 6.88

DELUXE ZOOM MOVIE CASE



- 10½x9x3½"
- Black Vinyl Covering
- Aluminum Trim

7⁹⁵

Takes ALL 8mm zoom movie cameras (including those with pistol grip attached) plus supply of extra film. Case is covered with attractive black vinyl and is reinforced with aluminum trim. Has handy "Presto" lock. Overall Size: 10½x9x3½"D. Shpg. wt., 1½ lbs.

F-964 Net 7.95

Baia REVIEWER-EDITOR

- Single Sprocket Drive
- Large, 3x2¼" Viewing Screen
- 400-Ft. Film Capacity
- Ultra Compact—Only 7x5x3½"



14⁸⁸

A self-contained editing outfit for 8mm film. Action viewer with prismatic shutter magnifies picture more than 300 times for viewing on big, 3x2¼" screen. Features Slip-In Film Loading that eliminates threading. Has single sprocket drive to assure no skipping, flickering or film wear. Other features include automatic framing and focusing, fold-away butt-type 1-step splicer, folding 400' capacity rewinds and a convenient frame marker. Operates on 110-120 volts AC/DC with 10-watt auto bulb and transformer. Complete with supply of Mylar splice tape. Overall Size: 7x5x3½". Shpg. wt., 4 lbs.

F-966 Net 14.88

ZOOMETTE MOVIE GUN



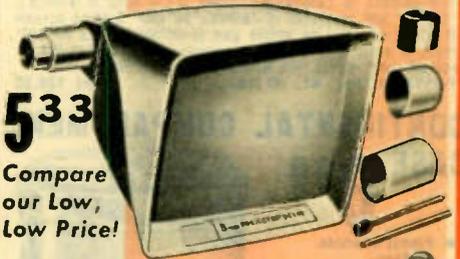
9⁹⁵

- Universal Mounting
- Fits All Cameras—Still or Movie
- Dual Beam Switch—Zooms the Light

New universal gun-type light that fits all cameras—all movie cameras including pistol grip type and all still camera flash shoes. Supplied complete with easily attached adapter for pistol grip cameras that cannot accept standard type lights. Simple to operate—dual beam switch gives widest beam spread for normal/wide-angle lenses or narrow, concentrated light beam for telephoto lens. Powerful 650-watt sealed twin beam bulb supplies maximum illumination without overloading power circuit. U/L approved. Operates on 115-125 volts, 60 cps AC. Shpg. wt., 2½ lbs.

F-965 Net 9.95

8mm PROJECTOR SCOPE



5³³

Compare our Low, Low Price!

- Previews Films • Fits Most 8mm Projectors

The projectionists friend... The HPI Projector-Scope attachment lets you preview films as soon as you get them. Can be attached easily to most 8mm projectors by simply removing the original lens. Large 4½x3½ inch screen with a 6-element lens lets you see or show sharp movies without darkening room or setting up a screen. Edit films right on the projector. Can not be used with Basken and Kodak Brownie models A10 and A15. Includes handy frame marker for easier editing. Shpg. wt., 1 lb.

F-933 Net 5.33

CAMERAS-ELECTRONIC FLASH UNITS-GADGET BAGS

YASHICA PENTA-J SLR



- Fully Automatic Film Winding
- Split-Image Focusing
- Hard-Coated f/2 Anastigmat Lens
- Accessory Clip for Coupled Exposure Meter

No Money Down **99⁹⁵** \$5 Monthly

Outstanding 35mm single lens reflex camera has Yashinon 50mm f/2 hard-coated anastigmat lens with convenient screw-in type mount. Features accessory clip for optional shutter-coupling exposure meter (see below); split-image rangefinder for needle sharp focusing; built-in Penta-Prism and Fresnel lens for brilliant, parallax-free viewing; completely automatic instant-return mirror; fully automatic film winding, cocks shutter to prevent double exposures; 9 shutter speeds, 1/2 to 1/500 second plus X and B. Complete with carrying case, less exposure meter. Shpg. wt., 3 lbs. Imported. F-969L Net 99.95

YASHICA EXPOSURE METER FOR PENTA-J

Clip-on, shutter-coupling exposure meter made exclusively for the Yashica Penta-J. It couples automatically to shutter speed dial for any film speed between ASA 6 to ASA 3200. Shpg. wt., 6 oz. Imported. F-970L Net 19.95

TRANSISTORIZED ELECTRONIC STROBE FLASH

Operates from Batteries and AC

21⁵⁰

No Money Down

- Lightweight & Compact—No Power Pack Needed
- Fully Transistorized
- Operates on 4 Economical "Z" Cell Batteries
- Fits any Camera Shoe



Now you can have a high-powered, transistorized electronic flash that operates from standard AC house current or 4 economical "Z" cell batteries. Compact and featherweight—no power pack is required. Flash duration of 1/2000 sec. for fast pictures. Recycling time: 6-10 seconds; color temperature: 6000° Kelvin. Guide number dial for F stop on back. Complete with AC cord. Less batteries. F-827 Shpg. wt., 2 lbs. Imported Net 21.50
Batteries for above (4 required). Net each .13

BOUNCE FLASH BRACKET



1⁰⁵

Particularly suited to Single-lens Reflex cameras. Permits bounce flash with any clip on Flashgun. Mounts in standard tripod socket. Adjustable length, rotating-swiveling head. Shpg. wt., 6 ozs. Imported. F-620 Net 1.05

YASHICA "LYNX-1000" 35MM ELECTRIC EYE CAMERA

\$5 monthly
69⁸⁸
NO MONEY DOWN



- Correct Exposure, Focus, Composition on Sight
- Color-Corrected F1.8 Lens
- 11 Shutter Speeds

The Yashica Lynx assures perfect pictures under any light condition. The 3-way finder shows you correct exposure, focus and composition on sight—simply focus, frame, center the needle, and shoot. Super-speed shutter with 11 speeds from 1 second to 1/1000 second and bulb. Exposure indicator coupled for a full range of ASA readings (10 to 800). M-X flash synchronization with built-in self-timer. High-speed, coated, color-corrected F1.8 lens. Single stroke transport lever simultaneously advances film and cocks shutter. Automatic parallax correction; rapid rewind crank. Shpg. wt., 3 lbs. Imported Net 69.88
F-919L Net 69.88
F-920L Deluxe Leather Eveready Case Net 4.95

YASHICA FLASH-O-SET II FULLY AUTOMATIC 35MM CAMERA



- Full Automatic Exposure Control
- Built-in BC Flash Gun
- ASA Film Range: 10 to 200
- Single Stroke Lever

\$5 monthly
49⁸⁸

JUST POINT AND SHOOT—Sharp clear pictures are yours automatically

Now you can equip yourself with a quality 35 mm camera which is as easy to use as a box camera. Just point and shoot. Fully Automatic lens-circling electric eye sets proper lens opening regardless of light conditions. Warning needle tells you when to switch to built-in BC type AG-1 flash unit. You'll never bother about focusing either. With the sharp, preset lens, Single-Stroke lever advances film, cocks shutter, and prevents double exposures. Works equally well with color or black and white film. Complete with carrying case. Shpg. wt., 3 lbs. Imported. F-923L Net 49.88

ULTRABLITZ MONOJET SP ELECTRONIC FLASH



- Transistorized Featherweight Unit Fits in Your Pocket
- Weighs only 16 oz.
- Use Outdoor Color Film Anywhere, Anytime

The smallest, complete electronic flash unit. Powered by longlife nickel-cadmium batteries that recharge over-night on household AC current. Each charge gives more than 70 flashes... recycles in only 10 seconds. Can also be operated on 110-220V AC. Flash duration 1/1300 second freezes any action. Square reflector throws 65° beam without hot spots. Built-in exposure guide dial tells you correct lens opening. Can be mounted vertically or horizontally. Built-in charger, voltage-regulating monitor circuit. Regular Kodachrome Guide No. 32. Measures only 4 3/4 x 3 3/8 x 1 3/8" Includes shutter cord, charging cord, mounting bracket. F-892 Shpg. wt., 2 lbs. Imported Net 46.88

NEW! ULTRABLITZ ROCKET ELECTRONIC FLASH



No Money Down
24⁹⁵ \$5 Monthly

- Transistorized Circuit
- Operates on Batteries or AC
- Instant Flash Calculator Dial

A new transistorized electronic flash unit that operates either on two "C" cell batteries or on 110 volts AC. Compact and lightweight, it weighs only 18 oz. including batteries. Each set of regular batteries delivers 50 flashes (a set of Alkaline batteries delivers 150 flashes) with guide number of 40-50 for ASA 25. Flash Duration: 1/600 sec. Recycling Time: 10-12 seconds. Kelvin Temperature: 5600°. Mounts either horizontally or vertically. Complete with built-in sync cord and AC power cord. Less batteries. Size: 4 3/4 x 3 3/8 x 1 7/8" Imported F-971 Shpg. wt., 1 1/2 lbs. Net 24.95
8A-156 Regular Batteries for above (2 req.) Net ea. .13
8A-217 Alkaline Batteries for above (2 req.) Net ea. .39

NEW! DROPFRONT "PRO" BAG



ONLY
9⁹⁵

- BIG 13"x17"x9 1/2"
- LUGGAGE-STYLE PROFESSIONAL BAG
- ACCEPTS ALL CAMERAS—FROM MOVIE TO PRESS-TYPE
- EXCEPTIONALLY RUGGED AND DURABLE

A heavy-duty professional bag with plenty of room for all your equipment. Zippered for easy access. Luggage styled for easy, hand or over-the-shoulder carrying. Removable, adjustable straps snap on or off in an instant. Durable, chrome plated front snap-lock, feet and hardware. Handsome, heavy, rich looking, black simulated cowhide with leather and corduroy lining. Gussets prevent contents from falling out when front is open. Front tripod carrying straps. Measures 13" long x 7" wide x 9 1/2" high. Shpg. wt., 3 lbs. Imported F-862 Net 9.95

"SUPER-PRO 16" Giant version of famous dropfront "Pro" bag shown above. Measures 16x7 3/4x11". Same deluxe features plus all the room you'll ever need in a gadget bag. Shpg. wt., 4 lbs. Imported F-936 Net 13.95

35MM SLIDE SORTER

3⁹⁸



SEE ALL YOUR SLIDES AT ONE TIME

If you have a problem with sorting countless 35mm slides then this slide sorter is your answer. The illuminated 11x15" inspection screen is large enough to see a whole tray full of slides (35) at one time. Saves you time and effort in sorting out slides for projection in proper sequence. Folds flat in a jiffy for compact storage, built-in illumination with on-off switch, 6 ft. line cord; can be used with 110 or 120 volts, AC or DC. Size: 15x8 1/2x2x3 1/2". Shpg. wt., 3 lbs. F-924 Net 3.98

LAFAYETTE'S PHOTOGRAPHIC VALUES!

MIRANDA "DR" 35MM SLR



\$6
MONTHLY
NO MONEY
DOWN

109⁹⁵

- Accuracy of Single Lens Reflex plus Speed of Range-Finder-Focusing
- Unique Lens Mount Accepts Lenses of Most Other 35's.

A complete 35mm precision single lens reflex camera with luxury features at a low, low, price. The Miranda DR f/2.8 offers the accuracy of single lens photography with built-in split-grid rangefinder focusing plus brilliant ground-glass focusing. Features threaded and bayonet lens mounts; instant return mirror; vibration-free operation; depth-of-field preview button; rapid advance and rewind levers; RP and X flash synchronization. Shutter speeds from one second to 1/500th second plus bulb. Preset f/2.8 lens. Complete with case.

F-921L Shpg. wt., 5 lbs. Imported Net 109.95
MIRANDA "DR" f/1.9. As above but with Automatic f/1.9 lens. Imported Net 139.95
F-922L

MIRANDA UNDERWATER HOUSING



69⁹⁵
\$5 MONTHLY
NO MONEY DOWN

A deluxe underwater housing designed for use with Miranda 35 mm cameras only. 4-section construction for easy installation of camera and connection to outside mounted extension control knobs. Tested to withstand water pressure at 100 feet. Shpg. wt., 5 lbs.

F-978 Net 69.95

KALIMAR CdS-430 EXPOSURE METER



11⁸⁸

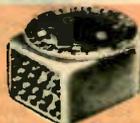
- ON/OFF Push-Button to Conserve Battery
- ASA Scale 6 to 12,000 (DIN Scale 9-42)
- 1/1 to 1/32 Lens Aperture Scale

An extremely sensitive Cadmium Sulfide photoelectric exposure meter. Perfect for still or movie photography either indoors or outdoors. Designed to be used either as a hand meter or can be mounted to the accessory shoe of still cameras. Has EV indicator for Polaroid and other cameras equipped with LVS numbers. Uses readily obtainable mercury battery. Measures reflected or incident light; supplied with incident light attachment. Lightweight and very compact. Measures only 1x1 1/4 x 1 1/2". Complete with mercury battery and leather carrying case. Shpg. wt., 1/2 lb. Imported

F-979L Net 11.88

"35" CLIP-ON EXPOSURE METER

395

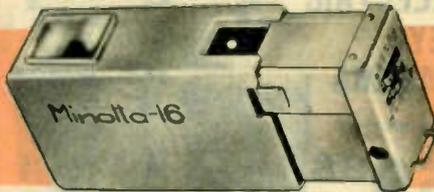


- Fits Camera Accessory Shoe
- ASA Scale 10 to 1000
- Measures Reflected and Incident Light

Exceptionally convenient exposure meter. Clips right on camera—quick easy reading. Gives better, more accurately exposed pictures with a minimum of effort. Speeds 1/1000 to 1 Sec. Lens aperture f:1.4 to f:22. Mounts on camera or may be hand held. Complete with leather case and instructions. Shpg. wt., 1/2 lb. Imported.

F-351L Net 3.95

MINOLTA "16 II" SUBMINIATURE CAMERA



- Rokkor 3-Element f/2.8 Lens
- Automatic Film Advance & Shutter Cocking
- Direct Viewfinder

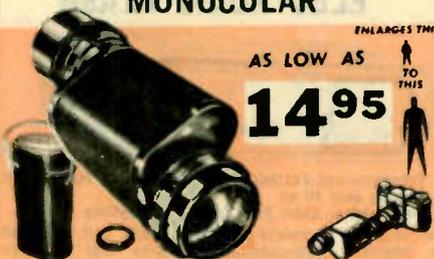
NO MONEY DOWN
29⁹⁵
\$5 Monthly

An extremely easy-to-operate, palm-size camera that you can carry with you always. No need to miss those once-in-a-lifetime shots. Sliding camera in and out of built-in case advances film, cocks shutter, counts exposures and prevents double exposure—all automatically. 6 shutter speeds from 1/30 to 1/500 sec. plus B. Click-stop settings. Internally synchronized for electronic flash and bulb. Takes regular black and white pictures or color slides that fit any 35 mm projector. Direct viewfinder shows picture exactly as it will appear on film. Lens opening from f/2.8 to f/16. Click-stop settings. Complete with case. Shpg. wt., 1 lb. F-974L Imported Net 29.95

FILM FOR "16 II" — All are 20-exposure magazines. Shpg. wt., 3 oz.

F-975 Kodak Panatomic X Net .98
F-976 Kodak Tri-X Net .98
F-977 Kodachrome II Net 1.47

NEW FRONT FOCUS PHOTO MONOCULAR



ENLARGES THIS TO THIS
AS LOW AS
14⁹⁵

- MAKES YOUR CAMERA TELEPHOTO—Bring Distant Object from 6 to 8 Times Nearer
- Superb Optics • Lightweight

Achieve super-telephoto photos with your single lens or twin-lens reflex camera and this superb optical instrument. The front focus system is specially made for on-camera operation. There is no need to miss those once-in-a-lifetime shots. Increases focal length of your camera lens 6X, 7X or 8X depending on model selected. Rugged, lightweight construction—weight only 7 1/2 ounces; is only 5 inches long. Includes series VI adapter ring and leather case. Shpg. wt., 12 oz. Imported.

F-889 6X30 mm Net 14.95
F-890 7X35 mm Net 16.95
F-891 8X30 mm Net 18.95

BOOSTER EXPOSURE METER

- Includes booster—Leather cases—neck cord
- Stills or Movies • ASA Scale—LVS Scale



645
WITH BOOSTER

Extremely versatile—extremely simple. Highly legible direct reading dial. Speeds from 4 sec. to 1/1000 sec. Lens aperture settings from f:1 to f:32. ASA scale 6 to 800. LVS scale 1 to 18. Cine scale 8, 16, 24 and 32 frames per second. Booster cell makes possible readings at extremely low light levels. Small-rugged-lightweight. Includes booster cell, leather cases, neck cord and instructions. Shpg. wt., 1 lb. Imported.

F-349L Net 6.45

AUTOMATIC PENTA-PRISM SLR 35MM CAMERA



\$5 MONTHLY NO MONEY DOWN
79⁹⁵

- Ultra-Sharp f/2.0 Lens • Eye-Level Penta-Prism Viewing • Built-in Coupled Exposure Meter

Just view, focus and shoot... all through one window. Built-in lightmeter needle, cross-coupled to lens and shutter, gives perfect exposure. Diaphragm is wide open for viewing and focusing, stops down to desired aperture, automatically returns to full opening after shutter is released. Instant return mirror flips back automatically after exposure. 50mm f/2.0 6-element prominent lens. Bright Penta-Prism viewing shows image right side up. Shutter speeds from 1-1/500 seconds plus B. MX flash synchronization and built-in self-timer automatic film counter; fold away rewind lever; single stroke rapid film advance. ASA 12-1600 settings. F-898 Shpg. wt., 4 lbs. Imported Net 79.95
F-899 Leather Case for above Net 6.95

AUXILIARY LENSES



- TELEPHOTO — TWICE AS CLOSE!
- WIDE ANGLE — 75% MORE
- CLOSE UP — DOWN TO 6 1/2"!

Telephoto shots—wide angle shots or extreme close ups. Easy as 1-2-3 with the new auxiliary lenses. Each lens is hard coated for maximum light transmission. Pre-focused and color corrected. No increase in exposure setting is necessary. Bring your subject twice as close with Telephoto—add 75% more area with the Wide-Angle. Close up lens kit consists of +1, +2, +3 Proxar lenses — allows focussing down to 6 1/2" for amazing close-up results. Use with any color or black and white film. Auxiliaries and close-ups mount by means of adapter ring listed below. Shpg. wt. of each auxiliary lens approx. 6 ozs. Auxiliary lenses and view finder are imported.

F-488L—AUX. TELEPHOTO LENS (A) Net 7.70
F-489L—AUX. WIDE ANGLE LENS (A) Net 7.70
F-294L—CLOSE UP SET (B) Net 8.50
F-647L—VIEW FINDER FOR TELEPHOTO AND W-A LENS (C) Net 3.39
F-776L—Adapter ring (for F-898)—close up set, filters and auxiliary lenses (D) Net 2.33
Shpg. wt., 4 ozs.

AUTO-DIAL EXPOSURE METER

799

Holds its reading indefinitely. Meter is aimed and dial stopper depressed. The dial then swings to correct reading and remains fixed when stopper is released. Ideal for widely variant light conditions. Color and black and white calibration with ASA speeds to 25,000. Reflected and incident light read on same scale. EVS 1 to 19. Lens: f/1.0 to f/32. Direct reading cine speeds 8-64 fps. Meter has zero adjust. Leather carrying case and neck strap. Imported.



F-791L Shpg. wt., 1 lb. Net 7.99

FAMOUS MOVIE and SLIDE PROJECTORS



**KEYSTONE
K-980Z
AUTO-THREAD
AND ZOOM
MOVIE
PROJECTOR**

9250 NO MONEY DOWN

\$5 monthly

- Fully Automatic Threading • Fast f1.5 Zoom Lens • Variable Speed Control • Tru-Flector Lamp Gives 500-Watt Brilliance

An 8mm Keystone projector offers every advanced feature for easier-than-ever film showing. Has 6-second automatic film threading—simply insert the leader and the projector does the rest. Fast f1.5 lens gives needle-sharp picture... zooms picture to fit screen from 11 to 20 feet away—zooms in focus for close-ups. Tru-flector lamp is brighter, cooler than standard 500W lamp. One knob for forward, still, reverse, off, fast rewind. Variable control speeds or slows action... controls reverse and forward. Includes focusing control, tilt control and room light switch. Die-cast aluminum body and case, fully geared reel arms, 400-ft. reel. Uses universal motor, 110-120 volts AC/DC. F-980WX Shpg. wt., 20 lbs. Net 92.50



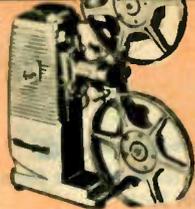
**MANSFIELD "ULTRA"
500-WATT
BRILLIANCE
8mm MOVIE PROJECTOR**

5395 NO MONEY DOWN

\$5 monthly

- Fast, Easy Loading • Forward, Still & Reverse • Self-Contained Carrying Case

The new "Ultra" 8mm projector features several unusual conveniences to uncomplicate movie showing. Has swing-out gate for fast threading. Forward, Still and Reverse positions. Brilliant, new DFA lamp-gives uniformly bright picture. Cinepar f/1.6 lens. Self-contained carrying case. F-785WX Shpg. wt., 10 lbs. Net 53.95
F-786 Replacement Lamp (DFA) Net 2.70



**"HOLIDAY"
500-WATT
8mm PROJECTOR**

3750 NO MONEY DOWN

\$5 monthly

- Swing-Out Gate—Easy Loading • Coated 3/4" f1.6 Lens • High Intensity Blower Cooler • 400-ft. Reel Capacity

Show your movies sharp and clear! Swing-out gate for fast, easy loading. Scientific Marex film extends life of your film with less wear and tear. High Intensity blower for cooling. Coated 3/4" f1.6 lens for wide-angle viewing. Separate switches for blower and lamp. Rapid rewind and quick-tilt features for ease of operation. Lifetime lubrication with oil light bearings. All-aluminum, die-cast construction. 500-watt bulb. Lifetime guarantee. Shpg. wt., 10 lbs. F-526WX Net 37.50
F-649 Carrying Case for F-526. Shpg. wt., 2 lbs. Net 6.44
F-786 Replacement Lamp (DFA) Net 2.70

LAFAYETTE ZOOM LENS



- Zoom to Dramatic Close-Ups!
- Fill the Screen From 12 to 15 feet — then ZOOM In!

The very latest in projection accessories for the movie fan. Coated, f1.5, 15 to 25mm focusable zoom lens fits most popular priced projectors. Converts our own "Holiday" (F-526) into a modern, zoom projector. Adds realism and depth to old "reels". Fills a 30"x40" screen at from 12' to 15'—then zooms in for exciting closeups. Show your movies at the size you want—without moving projector or screen. Shpg. wt., 6 ozs. Imported. F-690L Net 6.95

DELUXE LENTICULAR SCREEN

1188

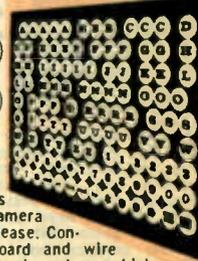


- Greater Brilliance—Especially in Illuminated Rooms
- Durable Vinyl Fabric • Large 40 x 40" Screen

Specialty-designed, optically-correct lenticular screen is free of glare, sheen and hot spots. Offers amazing sharpness and color rendition in lighted rooms as well as darkened rooms. Durable vinyl fabric resists fire and fungus. Sturdy chrome tripod legs. Screen is 40 x 40". Shpg. wt., 12 lbs. F-897W Net 11.88

NEW! TITLE SPOTS

488



Lets you make animated titles with any 8 or 16mm camera equipped with single frame release. Consists of 10 1/4"x13 1/4" back board and wire stand, with 112 letters and characters which push into holes on the board. Any number of moving and varied titles can be made. By simply moving letters one hole per frame exposure you produce true animated titles—marching letters, revolving letters, exploding words, etc. F-983 Shpg. wt., 2 lbs. Net 4.88

AIREQUIPT SLIDE PROJECTOR OUTFIT



ONLY **5995**

NO MONEY DOWN \$5 monthly

A SUPERBA 33A PROJECTOR	B 30" x 40" SCREEN
C PROJECTION TABLE	D SLIDE MAGAZINES

A complete outfit for the finest slide viewing at a modest price. Outfit consists of: Superba 33A semi-automatic slide projector with 500-watt picture power and 4-inch f3.5 color-corrected lens; large 30"x40" glass beaded screen; folding projection table; 3 vari-mount plastic magazines for all slides up to 1/8" thickness. F-981WXM Shpg. wt., 30 lbs. Net 59.95
F-906 Superba 33A Projector only. Shpg. wt., 10 lbs. Net 48.50

DELUXE PROJECTION TABLE



- With Electric Power Station and Slide Viewer
- Table Folds for Storage

1095

Show your movies and slides with this sturdy projection table. Includes king size viewer—view two slides at a time. Double power outlet lets you control projector and room lights. Remove viewer and use table as TV, utility and multi-purpose stand. Table top of permanent vinyl; chrome-plated legs have non-marring tips. Table folds for storage. Shpg. wt., 5 lbs. F-927W Net 10.95

MANSFIELD 500-WATT 35MM PROJECTOR



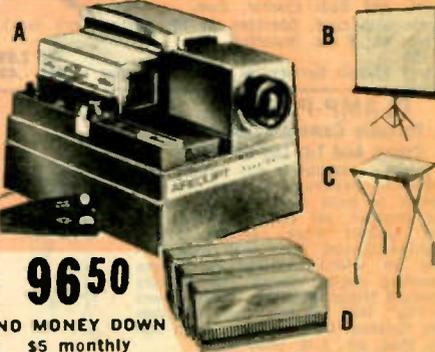
Self-Contained Case

- Brilliant 500-Watt Turbo Blower Cooled
- 4-inch, f3.5 Coated, Corrected Lens
- For All 35mm, 2 x 2 and Super Slides

2995 NO MONEY DOWN

Compact, convenient, semi-automatic, plus big-picture, 500-watt brilliance. Takes all 2x2 inch slides—35mm 828 (bantam) and 127 (super-slides). Semi-automatic "Presto-Matic" changer, one push-pull movement picks, shows and replaces 36 slides in sequence. Self-contained storage for over 100 slides. Die-cast aluminum. Self-contained case. All optics hard coated. Designed for optimum projection brilliance. For 110-120V. AC/DC. Shpg. wt., 12 lbs. F-667 Net 29.95

AIREQUIPT Deluxe FULLY AUTOMATIC SLIDE PROJECTOR OUTFIT



9650

NO MONEY DOWN \$5 monthly

A SUPERBA 77A PROJECTOR	B 30" x 40" SCREEN
C PROJECTION TABLE	D SLIDE MAGAZINES

Everything you need to show your favorite slides. Superba 77A 500-watt slide projector, with focus, advance, reverse by remote control and built-in timer that lets the projector do all the work; large 30"x40" glass beaded screen; folding projection table; 3 vari-mount plastic magazines for all slides up to 1/8" thickness. F-982WXM Shpg. wt., 32 lbs. Net 96.50



AIREQUIPT METAL MAGAZINES

World's most popular magazine for automatic slide changers. Has individual frames to protect your slides from wear and dust. Holds 36 slides. F-972 Shpg. wt., 4 1/2 oz. Net 1.79

F-905 Superba 77A Projector only. Shpg. wt., 10 lbs. Net 88.50

PHOTO ACCESSORIES

NEW! TWIN FLASH BRACKET



- Adequate, Even Light, Even for Wide Angle Shots
- Eliminates Shadows and Hot Spots
- Use With any Flash Unit, Including Strobe
- Tripod Socket Allows Use of Tripod or Pistol Grip

The unique twin flash bracket offers sufficient light for full coverage from edge to edge of pictures. Unusual side lighting effects are easily achieved, and the user of a wide angle lens can get ample light to make full use of his lens with a flash. Bounce light can be used with slow color film too. Tripod socket enables use of tripod or pistol grip. Compact and light weight, constructed of rugged, die-cast aluminum. Shpg. wt., 1/2 lb. F-968 Imported Net 3.46

FOLDING BC FLASH GUN



- Includes Battery and Leather Case
- Folds Like A Fan to 4"x2"!
- Efficient B-C Operation!

3.99

Efficient 4 1/2" diameter metal reflector has pebbled finish to eliminate hot spots. B-C combination for sure-fire and hi voltage. Heavy molded battery case with built-in test lamp—bulb ejector—extension socket. Standard shoe with pressure adjust fits accessory clips. Uses standard bayonet base flash bulbs. Novel, useful exposure guide built in on rear of case. Complete with leather case, condenser, PC cord and ASA adapter. Shpg. wt., 1 lb. Imported.

F-209 Net 3.99
BA-12 Battery for above Net .59

LAFAYETTE AG FLASH GUN

Compact, palm size, dependable B-C operation. Made for the new AG flashbulbs. Fan-type reflector measures 2" in diameter when opened. Shoe fits all standard accessory clips. Features a Computer Dial for determining correct F stop. Test-light, and Bulb Ejector. Complete with cord. Operates on 15V battery (not incl.). Shpg. wt., 8 ozs. Imported.



F-699 Net 2.99
BA-11 15-Volt Battery for above. Imported Net .49

CLAMP-POD

- Portable Camera Support
- Clamp And Tilt-Top Combined

A valuable addition to any camera bag. Prevents needless camera jitter—clamps to most anything. Lightweight and compact, yet extremely strong, it will support most cameras easily. Double-ball-point head with lock permits an infinite variety of camera mounting angles. Clamp also accepts standard tripod mounting. Clamp opens to 134". Will not mar wood or other fine finishes. Chrome and enamel finish. Shpg. wt., 1 lb. Imported



F-834 Net 2.49

ELEVATOR TRIPOD

- Folds to 16" • Extends to 47" PLUS 7" Elevator!
- Tri-Tilt head—

For any small camera — 35 mm — reflex — or movie. Professional quality for professional results. Strong — steady — lightweight. Pencil slim, chrome plated, brass legs. Lock securely in place — fold down readily. Single action tilt-pan — and swing over for taking pictures in vertical or horizontal format. Geared elevator centerpost with positive lock and folding crank. Weighs only 31 ozs. All the most wanted features in one tripod. Shpg. wt., 2 1/2 lbs. Imported.

5.95
F-339 Net 5.95

Dynachrome COLOR FILM WITH PROCESSING

- Beats the High Cost of Color Film
- Same Fine Pictures
- Processing Included Direct To Your Home



New Dynachrome film is the same type of color film you've used for years — same reversal type, same natural colors, same superb quality. Only the price is different — it's almost like getting the processing free. And the low price includes processing direct to your home.

F-948 8mm, 25-ft. roll, Daylite, ASA 10 Net 2.49
F-949 8mm, 25-ft. roll, Indoor, ASA 16 Net 2.49
F-950 35mm, 20 exp., Daylite Net 2.19
F-951 35mm, 36 exp., Daylite Net 3.11

KODAK FILM WITH PROCESSING INCLUDED

- Slides Returned Mounted, Ready for Viewing or Showing!
- Rigid Processing Controls Assure highest Quality
- Convenient, direct-mail "mailers" in every roll
- A full number of Prints guaranteed for Kodacolor and black and white.



You get factory-fresh film plus a convenient direct-mail maller. After the complete roll has been filmed, put it into the mailer, drop into a mailbox and in a few days your finished films are delivered postpaid to your door. You get 3 1/2" square or 3 1/2"x5" giant prints with Kodacolor and Black & White—and a full number of prints is guaranteed. Should you get less than the full number of prints of Kodacolor or Black & White printable negatives per roll, you will receive coupons for additional FREE prints. DO NOT MAIL FILM TO LAFAYETTE RADIO.

NEW! KODACHROME II 35mm COLOR SLIDE FILM

- ASA Index Daylight 25, Indoor 40.

F-796 35mm, Daylight, 20 Exp. 2.74
F-797 35mm, Daylight, 36 Exp. 4.03

NEW! KODACHROME II COLOR MOVIE FILM

ASA Index Daylight 25, Indoor 40

F-794 8mm, 25 ft. roll Daylight 3.29
F-795 8mm, 25 ft. roll, Indoor 3.29

KODACOLOR COLOR SNAPSHOTS

F-584 127 Indoor/Outdoor 3.11
F-585 120 Indoor/Outdoor 3.11
F-586 620 Indoor/Outdoor 3.11

KODAK BLACK & WHITE ROLL FILM

F-587 127 Verichrome Pan 1.25
F-588 120 Verichrome Pan 1.25
F-589 620 Verichrome Pan 1.25
F-590 35mm, 20 Exp., Plus X 2.35
F-591 35mm, 36 Exp., Plus X 3.45

PHOTOFASH BULBS



- BUY IN QUANTITY AND SAVE**
- "My-T-Myte" and "Synchro Sure" Photoflash Bulbs
 - Standard Sizes—Highest Quality—Pre-Tested

Stock No.	Lamp Type	Pkg. Quan.	Per Pkg.	Each Pkg.	
				In Lots	of 6
F-798	AG-1	12	1.08	.98	
F-870	AG-1B	12	1.17	1.05	
F-471	M2	12	1.17	1.05	
F-472	M2B	12	1.35	1.20	
F-474	SM	12	1.62	1.46	
F-475	5	8	.90	.85	
F-476	5B	8	1.08	.96	
F-477	6	12	1.62	1.46	

AG "SIXSHOOTER" BC FLASH



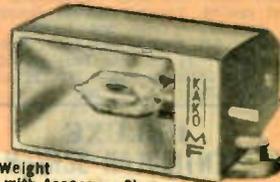
- Six-Shot Repeater
- Holds 6 AG Bulbs for Instant Use
- Efficient Reflector with Fresnel Lens

Holds six AG-1 or AG-1B flash bulbs for rapid, successive firing. Smaller and lighter than many single-lamp guns; weighs only 6 1/2 oz. Maximum light output assured by a precisely designed 2" reflector and fresnel lens combination. Indicator shows number of bulbs left. Built-in exposure calculator, test light, flash shield. Bulbs and battery load easily from front. Fits any camera with standard accessory shoe. Replaceable standard cord with PC fitting. Uses long lasting 22.5v BC battery. Less battery. Imported. Shpg. wt., 8 oz.

F-848 Net 5.95
BA-14 22.5v Battery for F-848 Net .59

NEW MICRO-FLASH AG BC FLASH GUN

1.49



- Compact, Light Weight
- Fits Any Camera with Accessory Shoe
- Uses Powerful, Low Cost AG-1 Bulbs

A lightweight, compact flash gun you can put into your pocket. One-piece construction, uses miniature AG-1 bulbs. Fits any camera's accessory shoe. Features BC action for powerful uniform flashes every time; Square horizontal reflector; bulb ejector button. Uses 15V photoflash battery. Complete with flash cord, less battery. Shpg. wt., 6 oz. Imported

F-925 Net 1.49
BA-11 Battery for Above Net .49

"PRO" ELEVATOR TRIPOD

- Holds Heaviest Equipment
- Velvet Smooth Panning Action
- Extends to 46 1/2" — Elevator Adds 10" — Closes to 22"

11.95

All aluminum construction. Gear drive elevator with positive lock. Large, cushioned pan head fits any camera. Head pans 360°—tilts 180°. Legs lock at any height. Lock and unlock with a half twist. Completely rigid, even when fully extended. Long section construction for maximum stability. Oversize thumb locks and handle for ease of use. Velvet smooth action in all planes of motion. Positive leg stops prevent overspread. Rubber tipped feet for solid footing on any surface. Satin black and aluminum finish — chrome trimmed. Shpg. wt., 4 lbs. Imported



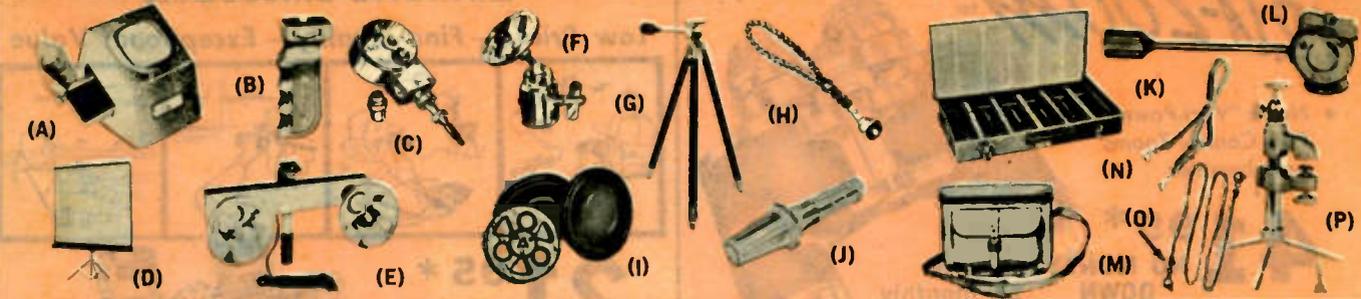
MOVIE & SLIDE PROJECTION LAMPS



Exact replacement projection lamps for most movie and slide projectors. Make your pictures sparkle with a new, efficient lamp. Imported. Avg. shpg. wt., 6 ozs.

Stock No.	ASA Code	Watt	Base Type	Net Ea.
F-869	DCA	150	4-Pin	2.70
F-878	DFA	150	Prefocus	2.70
F-741	CLS	300	Bayonet	1.49
F-742	CLX	300	Bayonet	1.49
F-743	CMV	300	S.C. Bay	1.49
F-744	CYC	300	S.C. Bay	1.49
F-750	CWD	300	Prefocus	1.69
F-871	CZA	500	4-Pin	2.49
F-747	EDK	500	Bayonet	1.79
F-745	CZX	500	Prefocus	1.79
F-746	DAK	500	Prefocus	1.89
F-748	DDB	750	Prefocus	2.15
F-749	DFD	1000	Prefocus	2.90

PHOTO FANS SHOP Lafayette FOR LOW COST ACCESSORIES



ELECTRIC SLIDE VIEWER (A)
Centers all slides for correct magnification. Transparencies illuminated and enlarged through a fine optically ground and polished lens. Electrically operated—equipped with bulb, socket, on-off switch, 6 ft. cord and plug. All steel construction.
F-26 Shpg. wt., 2 lbs. Net 3.75

PISTOL GRIP HANDLE (B)
Contoured construction, pre-set rubber platform—tripod socket in base. Hammertone finish. Standard fit.
F-549 Shpg. wt., 10 oz. Net 1.88

15-SECOND SELF-TIMER (C)
Fits in the cable release of all cameras. Special adapter for Leica-type release sockets. Plunger length adjustable to protect shutter. Retracts after picture has been taken. Set for 15 seconds or less. Imported.
F-25 Shpg. wt., 4 oz. Net 1.98

FOLDING TRIPOD PROJECTION SCREEN (D)
Fine grain glass beading for extra brilliance, excellent viewing. Heavy-duty folding tripod adjustable to various heights. Large 30" x 40" size. Shpg. wt., 10 lbs.
F-536 Net 6.95

2-LIGHT BAR (E)
Holds still or movie cameras. Grip-handle prevents light bar from turning. 6 ft. cord. (Bulbs not included).
F-537 Shpg. wt., 1 1/2 lbs. Net 2.50

PHOTOFLOOD BULBS, 300-watt, reflector type.
F-539 Shpg. wt., 1 lb. Net ea. .95

TILT-TOP (F)
Precision made—heavily chrome plated. All-angle "Tilt-Top" fits German and American Tripods and Cameras. Positive locking action at every possible angle. Imported.
F-160 Shpg. wt., 4 oz. Net 1.55

PAN-HEAD TRIPOD (G)
5-section, chrome-plated, brass tripod. Extends to 46", telescopes down to 13", only 20 ozs. Tension adjust screws for each leg. Camera retaining screw on panhead rotates—pans and tilts with a single motion. Handle is detachable. Pans 360°—tilts 145°. Imported.
F-295 Shpg. wt., 2 1/2 lbs. Net 4.49

BRAIDED WRIST STRAP (H)
Fine quality braided leather wrist strap. Sliding safety lock. Metal clamp links strap to tripod screw. Rubber non-slip surface prevents accidental unscrewing. For movie and 35mm cameras. Shpg. wt., 4 ozs. Imported.
F-639 Net .79

8mm REEL AND CAN (I)
400' reel runs true without wobble or binding, for lasting service. Can keeps film safe from dust and scratches.
F-538 Shpg. wt., 14 ozs. Net .95

FLASHLIGHT SCREEN POINTER (J)
An excellent lecture tool. Points out subject material without creating shadows. Adjustable arrow focus. Black hood prevents light spread. With cells. From W. Germany.
F-792 Shpg. wt., 12 oz. Net 5.25
BA-156 No. 2, cell for above (2 req.) Net .13

35mm SLIDE FILE (K)
Portable all steel 35mm slide file. Store 150 2x2 glass slides or 300 2x2 cardboard slides. Includes index card, and numbered strips for quick, easy identification. Finished in platinum gray enamel. Shpg. wt., 3 lbs.
F-161 Net 1.69

PANHEAD (L)
Chrome finish. Camera retaining screw rotates—makes turning camera unnecessary. Twist of handle locks pan and tilt. Pans 260° tilts approx. 145°. Imported.
F-215 Shpg. wt., 8 oz. Net 1.66

GENUINE PIGSKIN GADGET BAG (M)
Full 10x8x4", 20" zipper top. Outside pouch with strap and buckle. Brass hardware. Shoulder strap and pad. Imported.
F-320 Shpg. wt., 1 lb. Net 4.95

LEATHER NECK STRAP (N)
Heavy leather camera carrying strap. Positive lock, swivel grips. Adjustable to 36 inches. Heavily chromed metal parts. Shpg. wt., 4 ozs. Imported.
F-640 Net .95

CHROME "SNAKE" NECK CHAIN (O)
Heavily chromed, super-flexible "Snake" chain. 39" long—positive, screw type catches. Holds any camera securely and ready for instant use. Shpg. wt., 4 ozs. Imported.
F-653 Net 1.29

CLAMP TRIPOD (P)
An indispensable photographic accessory. Combines in one small unit, a clamp, tilt top, and table top tripod. Legs stored in shaft. Will clamp to trees, pipes, light stand, car, window, etc. Supplied complete with zipper case. Shpg. wt., 1 lb.
F-654 Net 5.98

MULTI-FLEX UNIVERSAL LIGHT BAR

- Flood Light
- Bounce Light
- Concentrated Light
- Fully Adjustable—Swivel Heads, Flex Arms

Arms rotate 180° and heads swivel in every direction to give you all lighting conditions necessary for picture taking—bounce, fill-in and side lighting; concentrated, spot lighting; regular flood lighting. Camera mounts above bar so handle can be unscrewed to fit bar on tripod. For 110-120VAC. Shpg. wt., 3 lbs. Imported.
F-894 Less lamps Net 5.75

DUAL REFLECTOR PHOTOFLOOD LAMPS
F-854 500-Watts Net each. 1.95
F-853 300-Watts Net each. 1.69

"HI-LITE"™ MOVIE LIGHT

- Mounts Like a Flash Gun
- Fits Any Camera
- New Dual Reflector Lamp Folding Flex-Angle Bracket

Evenly illuminates subject and background to give needed depth and roundness. The secret is in the dual reflector; one spherical and one elliptical surface, producing a broad beam of soft even light. The beam angle is approximately 100°, average color temperature 3200°K. The flex-angle bracket adjusts to practically any desired angle. 500-watt, Dual Reflector Lamp. For 110-120 V AC. Shpg. wt., 2 lbs. Imported.
F-868M Net 5.90

DUAL REFLECTOR PHOTOFLOOD LAMPS
F-854 500 watts Net 1.95
F-853 300 watts Net 1.65

POLAROID® PICTURE ROLLS

32 and 42 are panchromatic types with an exposure index of 400 and 200 respectively. 37 and 47 have index ratings of 3000 and are used with the wink-light for indoor shots at normal room lighting levels. Shpg. wt., per roll, 5 ozs.

Stock #	Type	Camera Model	Net Per Roll	Net ea. in Lots of 3
F-712L 47	All Except 80 Series, I-33		1.89	1.80
F-713L 42	All Except 80 Series, J-33, J-66		1.77	1.68
F-714L 37	80B, 80A, 80 J-33		1.48	1.40
F-715L 32	80B, 80A, 80		1.38	1.30

POLACOLOR FILM

F-942L 48	All except 80 series, J-33	4.89
F-945L 38	J-33	3.38
F-943 660	Adapter Kit for J-66	4.49
F-946 330	Adapter Kit for J-33	4.49
F-944 274	Cutter Bar for J-66	.50
F-947 273	Cutter Bar for J-33	.50

INSTANT STEREO FOR POLAROID® CAMERAS

• Creates 3-D Pictures with Your Polaroid
• Cuts Film Costs in Half
• Get 16 Pictures on a Roll

959

Create 3-dimensional photos with this true stereo attachment. You can also double your shots or shoot tript effects all on the same roll of film, comes complete with snap-on stereo converter, film saver, pocket size stereo viewer and instructions. Shpg. wt., 1 lb. Fits all Polaroid cameras except J-33 and J-66.
F-916 Net 9.59
F-917 Fits Polaroid J-33 and J-66 Net 12.95

BIFLEX "LENS MASK" FOR POLAROID CAMERAS

- Gives You Twice As Many Color Pictures per Roll
- Cuts Film Cost in Half
- Makes Trick Shots Possible

Double your Polaroid pictures from the same roll of film—color or black and white. The amazing biflex lens mask is so easy to use... simply slips over your Polaroid camera lens and presto—you get 16 pictures from each 8 exposure roll of Polaroid film. Will pay for itself the first two times you use it. Shpg. wt., 6 oz.
For Series 95, 95a, 95b, 100, 150, 700, 800, 850, 900. Net 4.01
F-825L Biflex I
For Series 110, 110a, 110L, J-66. Net 4.82
F-826L Biflex II

POLAROID® CLOSE UP KIT

Focus as close as 6 inches from your subject. Take portraits—small still lifes—do photocopying. Includes 3 snap-on close-up lenses, leather case and built-in tape for accurate focusing. Shpg. wt., 8 ozs.
725
F-721L For all except 110B, 110A, 110, J-33, J-66 Net 7.25

REPLACEMENT KIT FOR POLAROID® WINK-LIGHT

Kit contains both battery and bulb for replacement in Polaroid WINK-LIGHT. Manufacturer recommends both battery & bulb be replaced together to insure well lighted shots. Shpg. wt., 1 lb.
BA-320 Net 1.67

LAFAYETTE DIRECT IMPORTS - COMPARE FOR VALUE

TRU-ZOOM™

- Not a "Vari-Power"—One Control Zooms both barrels!

41⁹⁵*
NO MONEY DOWN

- 7X to 12X— or any Power in Between

- Center Focus—Right Eye Adjust—Plus Single Synchronous Zoom Control! • The Perfect Power For Any View!

Sensational Zoom action holds even fast-moving subjects in perfect view. Sight in any subject at 7-power—then Zoom up to 12-power (or any four inbetween) for closeup viewing. Full 40mm, objective lenses, hard coated achromats. Field of view is 290 feet at 1000 yds. at 12-power (5.5"). Prisms clamped in shock-resistant mounts. Lightweight alloy frame and body. Sealed against dust and moisture. Includes plush-lined, hard leather case and straps. Shpg. wt., 5 lbs. Imported. F-793 *Add 10% Fed. Tax Net 41.95*



\$5 monthly

EASY PAY PLAN
SEE PAGE 412

ZOOM OPERA GLASS



Coated Zoom Optics
2 to 4 x 30
Perfect for Sports,
Theater

10⁹⁵*

Zoom In on your subject—make it big as life. Actually magnifies 2 to 4 times larger than can be seen with the naked eye! Just right for the opera, sporting events, bird watching or all around use. Small enough to fit in your pocket, exceptionally lightweight. These glasses feature zoom optics. 2-power to 4-power. Brings everything up close fast. Individual focus with master zoom control. Coated optics and wide angle give an amazingly clear view. Compares favorably with larger binoculars. Neck band and zipper leather case included. Shpg. wt., 1 lb. Imported. F-835 *Add 10% Fed. Excise Tax Net 10.95*

LAFAYETTE 14" TRANSPARENT CELESTIAL GLOBE

Basic Aid for Students
and Teachers of Astronomy
• NAVIGATORS

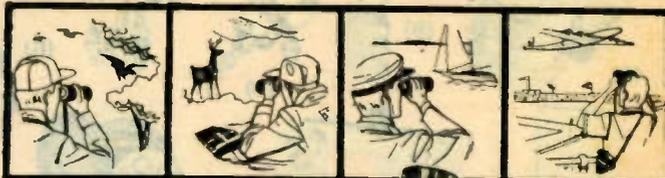
- AERONAUTICS • ASTRONAUTICS
- Adjustable Satellite Orbits
- Satellites Travel around Earth Automatically
- Adjustable Sun and Moon
- Adjustable Lunar orbital inclination
- 80 Constellations—including all stars of 1st, 2nd, 3rd and 4th Magnitude
- Similar devices used by the Navy—Air Force—and Marines



The Lafayette celestial sphere may be defined as a sphere of infinite radius with its center located at the center of the earth. This system of geocentric coordinates will illustrate the true geographic zeniths of the sun and stars at any time of any day. All systems of astronomical spherical coordinates (such as the equatorial, galactic, ecliptic, etc., which are based on the celestial sphere, rotate with the sphere. The apparent contra-rotation of the stars, actually due to the earth rotating about an axis is clearly demonstrated. The sphere will illustrate how the sky will appear at any hour—on any date—from any point on earth. With it you can tell time by the stars—learn to tell time by the sky—clearly illustrate and help solve navigational problems. Traces the orbits of man made satellites and finds their overhead positions. Serves as a superb star chart. Sun and moon positioned by external controls. Artificial satellites automatically circle around the terrestrial globe. The various stars, constellations and their identifications are permanently molded—not printed—on the celestial sphere. The celestial globe is 14" in diameter with the terrestrial globe centered within. Equipped with horizon ring—time ring—fixed meridian ring—swinging meridian ring—sun and moon pointers—fixed ecliptic—detachable "planet" indications—universal base—and complete instructions. Shpg. wt., 15 lbs. Imported. F-400WX Net 49.50

LAFAYETTE BINOCULARS

Low Prices—Fine Quality—Exceptional Value



21⁹⁵*

NO MONEY DOWN
\$5 monthly

7X 35
CENTER
FOCUS



Precise design—quality material—and expert workmanship. All lenses are hard coated—prisms clamped in lightweight alloy frame and body—sealed against dust and moisture—properly collimated and aligned. All are center focus with adjustable right eyepiece. Hard leather case and neckstraps included.

7x35 Popular, versatile, all purpose binoculars. For the sportsmen—hunter—bird watcher—vacationer. High luminosity. Compact design. Shpg. wt., 3 lbs. F-183 Net 21.95*

7x35 Wide Angle. Top performance—highest quality. Almost twice the field of view of ordinary 7x35 binoculars. Spots and holds a moving target faster and easier. Oversize oculars and prisms. Shpg. wt., 3½ lbs. F-184 Net 32.95*

7x50 Navy style night glasses. Favored for marine use. The choice of professionals because of exceptionally high light gathering power. Superior image brightness. Shpg. wt., 3½ lbs. F-164 Net 26.75*

20x50 King of the long range. Hunters, mountain climbers, plane spotters, forest rangers—any long distance viewing and observation requirement. Shpg. wt., 4½ lbs. F-185 Net 29.95*

*Add 10% Fed. Tax to the above prices. All above binoculars are imported.

VIEWFINDER 'SCOPES



These are the same fine viewfinders used on Lafayette's refractor telescopes. All have coated, achromatic objectives and eyepieces. Equipped with mounting brackets, and centering screws for collimation. Imported.

(A) 30mm (1.2"), 6X; Duraluminum tube finished in white enamel. Draw tube focusing. Eyepiece is interchangeable, 24mm (.97") O.D. Single mounting bracket, as shown with the Polaris, F-342. Shpg. wt., 2 lbs. F-629 Net 6.95

(B) 32mm (1.6"), 25X; Air spaced objective .500mm focal lengths. Dual mounting brackets, as shown on the Arcturus, F-385. Suitable for use as a small celestial and/or terrestrial telescope. Duraluminum tube, finished in white enamel. Standard rack and pinion focusing. Chrome plated brass draw tube. 20mm eyepiece supplied can be interchanged with eyepieces of other focal lengths. Shpg. wt., 8 lbs. F-628 Net 15.95

TELESCOPE EYEPIECES



- Highly Corrected
- Hard Coated
- 24.5 mm O.D.
- Finest Quality

Manufactured to extremely close tolerances by one of world's leading manufacturer's of optical accessories. These oculars allow you to obtain maximum performance from your refractor or reflector. You can determine the magnification possible by dividing the focal length of the eyepiece into the focal length of the telescope objective lens. All are hard coated. The 24.5 mm O.D., (.97") fits most telescopes currently available. Imported

Stock #	Description	Net. ea.	Stock #	Description	Net. ea.
F-391L	4mm Orthoscopic	8.95	F-396L	26-32mm Combination Kellner-Achromatic Huygenian	9.45
F-392L	6mm Huygenian-Mittenzwey	5.45	F-397L	22mm Kellner	7.95
F-393L	9mm Huygenian-Mittenzwey	5.45	F-398L	Sunglass—for above oculars	1.25
F-394L	12.5mm Huygenian-Mittenzwey	5.45	F-399L	Moonglass—for above oculars	1.25
F-395L	20mm Huygens	5.75			

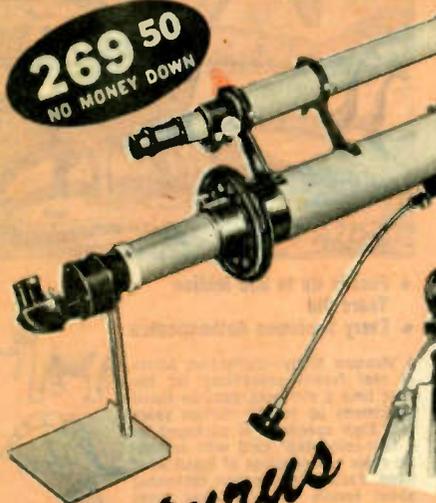


LAFAYETTE TELESCOPES

for **SCIENCE** and **TECHNOLOGY**



269 50
NO MONEY DOWN



Arcturus

• 454x with Barlow Lens

3" EQUATORIAL REFRACTOR

- Ultra Precise Helicoid Focusing
- 7 Coated Eyepieces Plus Barlow Lens
- 76.2 mm Clear Aperture
- Most Advanced Equatorial Mount
- 25x, 42 mm Finder Scope

79-mm hard coated, air-spaced Fraunhofer achromat of 910-mm focal length with 3" clear aperture, focal ratio of f/12 and resolving power of 1.6". Seven coated eyepieces provide magnifications of 227x, 152x, 101x, 73x, 35x, 18x and 25x through viewfinder. Helicoid focusing by means of a massive wheel and helical gear. Finder Scope, with rack and pinion focusing, features a 1.6 inch clear aperture objective of 500-mm focal length. Micro-motion controls with extended flexible shafts and compression locks in all axes. Accessories include three sunglasses, moon-glass, sun diagonal, two star diagonals, sun projection screen, erecting prism, heavy extensible field tripod, brace, accessory shelf, separate wooden cases for telescope and mount. Shpg. wt., 100 lbs. VIA EXPRESS ONLY.

F-385WX Net 269.50

189 00
NO MONEY DOWN



Galactic

• 454x with Barlow Lens

RESEARCH QUALITY 3" EQUATORIAL REFRACTOR

- Viewfinder Scope 25x, 42-mm
- 910-mm Focal Length
- 76.2-mm Clear Aperture
- Micromotion Controls for Declination and Right Ascension
- Resolving Power 1.6
- Barlow Lens Included

The objective lens is a 79-mm, hard coated, air spaced Fraunhofer achromat with a clear aperture of 76.2-mm (3"). Focal length 910-mm, focal ratio f/12, resolving power 1.6". Seven coated eyepieces provide magnifications of 227x, 152x, 101x, 73x, 45x, 35x, plus 25x through the viewfinder. Barlow lens add ranges of 454x, 304x, 202x, 146x, 90x, 70x and 50x. Focusing by means of micro-precise rack and pinion drive. The viewfinder scope has a 42-mm (1.6 in. clear aperture) objective—500-mm focal length-rack and pinion focusing—and will accommodate various eyepieces. Finely calibrated hour and declination circles for rapid finding and setting. Body tube of white enameled aluminum. Accessories include three sunglasses, moon-glass, two star diagonals, sun diagonal, erecting prism, sun projecting screen, extensible field tripod, chain brace, accessory shelf, wooden cabinet. VIA EXPRESS ONLY.

F-384WX Shpg. wt., 60 lbs. Net 189.00

79 50
NO MONEY DOWN



Polaris

• 320x with Barlow Lens

2.4" EQUATORIAL REFRACTOR

- Eyepieces for 160x, 88x, 40x, Barlow Lens gives 320x, 176x, 80x
- 800-mm. focal length
- 62-mm objective
- Micromotion adjustments on both axes
- Coated optics throughout
- Equatorial mount

Objective: Fraunhofer-type achromat, hard coated, 62.5-mm., 800-mm. focal length. Collects about 75 times as much light as the naked eye, resolving power 2 seconds, faintest discernible star 10.7 magnitude. Eyepieces are hard-coated Huygenians. 160x (5-mm), 88x (9-mm), 40x (20-mm). Barlow Lens included give ranges of 320x, 176x and 80x. Finder scope is 6x, 30-mm. Tripod head with latitude adjustment. Clamp lever for declination and inclination. Accessories include sunglass, star diagonal, erecting prism, sun projection screen, field tripod, wooden case. Rack-and-pinion focusing. Heavy plating to prevent rusting. F-342WX Shpg. wt., 30 lbs. Net 79.50

F-391 4-mm. orthoscopic eyepiece for 200x (400x with Barlow Lens) Net 8.95

ACHROMATIC BARLOW LENS



- Makes Any Good Telescope Better!
- Doubles Your Telescope's Power!
- Provides Greater Eye Relief!
- Improves Definition!
- Greater Illumination—Wider Field!

The Barlow Lens is a negative (diverging) lens which can increase the range of magnification of any given set of eyepieces. Greater eye relief is provided—even on short focal length eyepieces. Sharpens definition and reduces image deterioration by permitting use of low-power eyepieces to achieve high magnification. This also provides for greater illumination and a wider field. By increasing the effective focal length of the objective—and reducing its relative aperture—it greatly reduces aberrations present in poorly corrected eyepieces. Lafayette's Barlow lens will make any good telescope perform like a much larger one. Fits all Lafayette telescopes except F-330 Explorer. Accepts eyepieces of 24.5-mm (.97") O.D. and fits draw tubes of that size. Shpg. wt., 1 lb. Imported.

F-423 Net 4.95

ZOOM SPOTTING SCOPE



- Any Power from 15X to 30X!
- Ideal for any "Spotting" Need!
- Pan-Head, elevator Tripod

True Zoom action—finger tip control—from 15 power to 30 power. Choose the right power for any "spotting" or viewing need. Brilliant image at any power. 50-mm. objective, hard coated for maximum light gathering power. Prismatic system greatly reduces length—only 15" overall. Precisely machined, all metal body. Lightweight scope alone weighs only 2 lbs. May be hand held or used with tripod supplied. Precision fingertip focusing with oversized, milled ring. Aluminum and chrome-brass tripod adjustable from 12" to 18". Locking pan-head swivels and tilts to any angle. Optical train is fully hard coated. Shpg. wt., 5 lbs.

F-685 Imported Net 39.95

STAR SPECTROSCOPE WITH 3 EYEPIECES



- Observe the spectra of stars of magnitudes — 1 to 3
- Identify Fraunhofer lines from C to G
- Drawtube focus arrangement
- Fits threads of 25.4 mm O.D. and 24.5 mm O.D. eyepieces

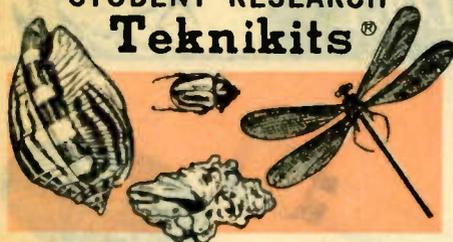
The Star Spectroscope (Amici-prism type) is excellent for visual observations of the spectra of bright stars, comets, and novae. The spectroscope consists of a 5-piece prism assembly, threaded ocular tube adaptor and 3 cylindrical-lens eyepieces. These widen the star spectrum for easier recognition of details. Use this direct vision spectroscope on medium-size telescopes to observe stars as faint as magnitude 3. The dispersion angle between the Fraunhofer C line (wave length 6600 angstroms) and the G line (4300 angstroms) is 9°. The resolution is enough to separate the yellow D lines of sodium. Body is made of black-coated brass. Fits Lafayette telescopes F-342, F384 and F-385. All in plush-lined case. Shpg. wt., 8 oz.

F-569 Imported Net 29.95

LAFAYETTE : TEKNIKITS® FOR STUDENTS OF SCIENCE AND TECHNOLOGY

STUDENT RESEARCH

Teknikits®

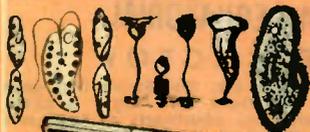


- Specially Chosen Insect and Shell Specimens
- Ideal For Nature Study Students
- Professionally Prepared

Carefully prepared insect and shell specimens which have been chosen for their scientific importance in the study of nature. Each set is attractively boxed and contains scientific description of specimens it contains. Average shpg. wt., 1/2 lb. per set. Imported.

F-872 — 4 Swallowtail Butterflies	Net 1.98
F-873 — 6 Pterids	Net 1.98
F-874 — 6 Danaids, Satyrs & Lycaenids	Net 1.98
F-875 — 6 Four-Footed Butterflies & Skippers	Net 1.98
F-876 — Beetles (A) Set of 6	Net 1.98
F-877 — 4 Giant Silkworm Moths	Net 1.98
F-878 — 6 Dragonflies & Cicadas	Net 1.98
F-879 — Beetles (B) Set of 6	Net 1.98
F-880 — Moths (B) Set of 6	Net 1.98
F-881 — Shells (Vol. 1) Set of 25	Net 1.98
F-882 — Shells (Vol. 2) Set of 12	Net 1.98
F-883 — Shells (Vol. 3) Set of 11	Net 1.98
F-884 — Shells (Vol. 4) Set of 12	Net 1.98

MICRO-SLIDE TEKNIKIT®



AS LOW AS
89¢
PER SET

- SPECIALLY SELECTED MICRO-SUBJECTS
- ADD TO THE ENJOYMENT OF YOUR MICROSCOPE
- PROFESSIONALLY PREPARED

Specially selected slides of universal interest. Carefully prepared — cleaned, dissected, embalmed, stained, mounted and covered. Slides are professional size. Set includes 12 prepared slides and slotted, covered box for filing and storing. Shpg. wt., 8 oz. Imported

F-123 — Parts of Insects	Net 1.39
F-124 — Spiders and Disease Carriers	Net 1.39
F-125 — Tiny Creatures found around House	Net 1.39
F-126 — Sea Life	Net 1.39
F-128 — Structure of Blood	Net 1.15
F-130 — Life cycle of Insects	Net 1.39
F-131 — Bacteria	Net 1.79
F-132 — Pond, Marsh and Sea Life, Plankton	Net 1.59
F-134 — Micro-Animals	Net 1.29
F-135 — Micro-Organisms	Net 1.29
F-136 — Substance of Cells	Net .89

*Set of 6 slides

MICROSCOPE SLIDE TEKNIKIT®

- 12 BLANK SLIDES

A complete slide preparation kit for 3" x 1" slides. Contains 6 blank single well slides and 6 blank double well slides plus 20 cover slips and a vial of neutral red solution. Sturdy cardboard container with slotted guides to hold slides upright for easy indexing.

F-691 Shpg. wt., 8 oz. Imported Net 1.29



COLLAPSIBLE ILLUMINATED MAGNIFIER

Collapsible lens pulls out, automatically lighting flashlight. Magnifies work 5 times. Ideal for examination of coins, stamps, etc. Size 4 1/2 x 1 3/4". Shpg. wt., 6 oz.

F-426 Imported	ea. .98
Lot of 3	ea. .85
Burgess Z battery (2 required for above)	
BA-155	ea. .13

DISSECTING INSTRUMENT TEKNIKIT®



ONLY

379

- Suitable for Advanced Studies

Carefully chosen kit of most often used dissecting instruments in biology, botany, zoology, anatomy. All of the instruments are high quality. All metal parts plated and polished. Scalpels are of properly tempered, nickel plated steel. Dissecting probes have adjustable chucks and replaceable needles. Kit contains the following: Scalpel—all metal 1 1/2" fine tip blade. Scalpel—all metal—1 3/8" half blunt blade, Spatula—2" x 5/8" blade. Dissecting needle chuck type, curved. Dissecting needle, chuck type, straight. Dissecting forceps, medium point, straight. Dissecting forceps, medium point, curved. Probe with eye. 6" long. Blow pipe, 5 1/2", I.D. 3mm to 1mm. Small magnifier. Dissecting scissors. Set of pins. Complete in fitted wooden case. Shpg wt., 1 1/2 lbs. Imported.

F-451 Net 3.79

MINERAL "TEKNIKIT", VOL. I



- 48 Carefully Selected Specimens
- Named—Tagged and Classified

- Removable for Study

Forty-eight specimens—pre-selected to illustrate such physical characteristics as cleavage, hardness, color, luster, specific gravity, crystal form, etc. Contains specimens of ore—organics—fossils—elements — Plutonics — oxides — volcanics — hypabyssals — effusives crystals — common and uncommon minerals. An aid in the study of mineralogy, petrology, structural geology, physiography, economic geology. Each specimen is tagged and removable from its compartment. Each compartment is correspondingly tagged and named. All are named as well as classified. An excellent introduction to rock and mineral identification. Handy reference for the advanced "rock hound." Shpg. wt., 1 lb. Imported

F-566 Net 2.95

NEW! MINERAL "TEKNIKIT", VOL. II

- 48 Additional Specimens!
- No Two Alike!
- Many Uncommon Minerals!

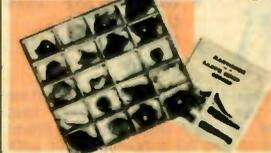
Volume 2 of Lafayette's popular Mineral TEKNIKIT has been as carefully pre-selected and packaged as its predecessor. Includes specimens of Carbonates — Tantalum — Phosphates — Gemstones — as well as additional Plutonics — Volcanics — Sulphides — Metamorphics — Silicides — Oxides and many others. Specimens are tagged compartments identified and the entire collection is indexed for type and classification. Shpg. wt., 1 lb. Imported

F-676 Net 2.95

SPECIAL COMBINATION. Buy both volumes and save. You get all 96 specimens. Shpg. wt., 2 lbs.

F-939M Net 4.70

STUDENT FOSSIL Teknikit®



- Fossils Date Back 475 Million Years!

A unique collection of fossils dating back to the Ordovician era or 475 million years ago! The ideal collection for Earth-Science students, hobbyists and collectors. Contains twenty, one inch selected specimens of fossil remains of invertebrates and plants from seven or more geologic periods. The specimens are neatly displayed in a box, fully identified. A fine, informative handbook is included with the set. Shpg wt., 1 lb.

AP-110 Net 2.95

FOSSIL SPECIMENS



- Fossils Up to 550 Million Years Old
- Every Specimen Authenticated

A Museum Study—Collection Series of real fossils presenting for the first time 6 different genuine fossil specimens up to 550 million years old. Each specimen is packaged on a four-color 4x6" card with authentic color reproduction of fossil as it lived. Factual information presented about fossils and collecting hints opens a whole new world of nature and science, for inquiring minds. Available in two 3-card sets as described below. Shpg. wt., per set, 4 oz.

SET A. Consists of Miocene Shark Teeth, Trilobite and Petrified Wood specimens.

SET B. Consists of Dinosaur Bone, Sea Urchins and Micro-Fossils specimens.

AP-116 Set A Net 1.35
AP-117 Set B Net 1.35



MICROSCOPY TEKNIKIT®

- PORTABLE BIOLOGICAL LABORATORY
- QUICK-EASY MICRO-SLIDE PREPARATION



395

A completely self-contained lab kit for staining, preparing and mounting micro-subjects. Carefully chosen selection of all the necessary accessories for the proper preparation of micro-slides. Contains equipment for collecting — fixing — dyeing — dehydrating — clearing — mounting — finishing — labeling — drying and storing subjects. The kit contains 24 1" x 3" slides, cover slips, labels, tweezers, scalpel, dropper, probe, rod, 2 collecting vials, 2 small dishes, 4 bottles of dehydrating fluid (70%, 80%, 90%, 100% alcohol), bottle of acid alcohol, xylol clearing fluid, Gates' fixing fluid, Canada balsam mounting fluid, 2 vials of dyeing fluid (acid fuchsin and gentian violet). Supplied with complete instructions. Shpg. wt., 2 lbs. Imported

F-604 Net 3.95

SLIDE STAINING TEKNIKIT®

Contains three additional dyeing fluids. Suitable for staining blood smears, protozoa, bacteria, etc. Supplied in "dropper" type vials complete with instructions. Shpg. wt., 6 ozs. Imported

F-624 Net 1.69

"ROCKHOUNDS" PROSPECTING PICK

189

- All Steel—Cushion grip

Forged steel—one piece prospecting hammer. Rubber covered, cushion grip handle. Non-slip 30 oz. hefty, rugged prospectors prime tool. 100% drop-forged steel.

HO-726 Shpg. wt., 3 lbs. Imported Net 1.89

LAFAYETTE MICROSCOPES

For Student RESEARCH



1200X "RESEARCHER"

- 25X to 1200X in 12 Ranges
- Full Range Fine Focus Adjustment
- Integral Mechanical Stage
- Rotating Diaphragm

44⁵⁰

NO MONEY DOWN

Closely parallels the "Society" grade microscope, yet is available at a very low price. Four Huygenian eyepieces: 5X, 10X, 15X, P20X combine with four achromatic objectives: 5X, 10X, 40X, 60X to yield 12 combinations: 25X, 50X, 75X, 100X, 150X, 200X, 300X, 400X, 600X, 800X, 900X, 1200X. Dual knob rack and pinion coarse focusing with tension adjustment for slow motion. Micro-motion fine focusing adjustment. Spring loaded to prevent objective from driving through slide. 85mm x 85mm stage can be moved in any direction, with slide, by 2 knurled screws while looking through the eyepiece. Sub-stage has rotating, 5-position diaphragm and 35mm plano/concave reflecting mirror. Stable horseshoe base. Complete with set of 5 basic dissecting instruments, 10 slides, pack of cover slips, tube of mounting fluid. All in a dovetailed wooden carrying case with handle and four rubber feet. Shpg. wt., 10 lbs. Imported

F-369

Net 44.50

MICROTOME *TEKNIKIT*®

- Sections to 10 Microns (0.00039 inch)
- Micro-Pitch Screw Drive

Essential tool for free hand sectioning of biological specimens. Equally suitable for the serious hobbyist and student as well as lab applications where the accuracy of a hand operated feed is sufficient. The micro-fine pitch screw feed is graduated in 10 micron intervals. The dense, composition stage is absolutely flat, 75 mm in diameter. "Straight razor" type micrometer knife of surgical quality steel. Ground and tempered to take and hold a keen cutting edge. Supplied with microtome knife, pitch and compartmented wooden storage cabinet. Shpg. wt., 2 lbs. Imported

F-603

Net 10.95

10⁹⁵



NEW! MICRO-SLIDE PREPARATION *TEKNIKIT*™

- Complete — Compact — Portable
- Suitable for Advanced Studies

Preselected slide preparations, instruments and apparatus. All the necessary implements for dissecting, staining and mounting micro-subjects on slides. High quality dissecting instruments, plated and polished. 25 professional size glass slides (1" x 3") including well slides for live specimen observation. 50 cover glass slips. 50 blank identification labels. Mounting pins, balsam mounting fluid, methylene blue staining fluid. Dissecting instruments include tweezers, chuck type probe, blunt end scissors, pipette, scalpel, spatula and magnifying glass. All in a fitted compartmented wooden case. Shpg. wt., 1 1/2 lbs. Imported

F-659

Net 3.49

LAFAYETTE MICROLITE

- USE WITH ANY MICROSCOPE
- FURNISHES BRIGHT, EVEN LIGHT

2⁹⁵

Specially designed for microscope illumination. Provides a bright, evenly lighted field of view. Controlled intensity, by means of focusable condenser lens. Lamp may be raised or lowered to any desired height on its 4 1/2" stanchion. Inclination and elevation joint permit swinging through 360° in both horizontal and vertical plane. Fully adjustable for transparent or opaque specimens, direct or indirect illumination. Invaluable where oblique light is necessary. Operates on 110-120 volts AC/DC. Lamp is easily replaced. Self contained switch, cord and plug. Lamp body is 5 1/2" long, stand is 5 1/2" high including base. Shpg. wt., 1 lb. Imported

F-268

Net 2.95

F-764 Replacement Bulb for F-268

Net .39



900X "MICROBE HUNTER"

34⁵⁰

NO MONEY DOWN

- A Microscope featuring GRADE A optics!
- Power Range 25X, 50X, 75X, 100X, 150X, 200X, 300X, 400X, 600X, 900X
- Full Range Fine Adjustment
- Safety Stop on Coarse Adjustment

Made to rigid design specifications—has wide usage in schools, laboratories and law enforcement agencies. All of the most needed features for diversified micro-studies. Power range from 25X to 900X in 12 possible combinations. Geared rack and pinion coarse focusing. Micromotion fine focusing—12 complete revolutions. 36mm (plano/concave) mirror. Fixed square stage, 70mm x 80mm. Rotating 5-hole, disc diaphragm. Three Huygenian eyepieces of 5X, 10X and 15X. Four achromatic objectives of 5X, 10X, 40X and 60X. Oversize base insures stability. Body perfectly balanced at any angle. Complete with upright, wooden carrying case. Shpg. wt., 8 lbs. Imported

F-338

Net 34.50

SPECIAL 20X EYEPIECE

Increases the power of our F-338 microscope (above) to 1200X. Highly corrected, fine quality peri-planatic ocular. Shpg. wt., 5 oz. Imported.

F-888

Net 3.95

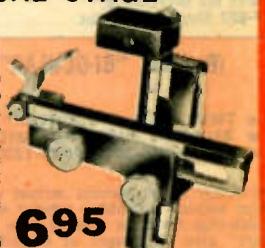
MICROSCOPE MECHANICAL STAGE

- WITH GRADUATED SCALES
- VERNIER TO 1/10th mm

Attaches to any square microscope stage 70 mm x 80 mm or larger. Accommodates slides up to 75 mm x 50 mm. Both lateral and front-to-back movement by rack and pinion. Adjustment scales are graduated in single millimeters with verniers reading to 1/10th mm. Essential accessory for all high magnification examination. Permits relocating any portion of a slide or charting the entire slide. Spring clip automatically accommodates slides of varying dimensions. Shpg. wt., 12 ozs. Imported

F-613

Net 6.95



6⁹⁵

PORTABLE FIELD MICROSCOPE

- 20x — 40x — 80x
- POCKET SIZE — FOR FIELD OR LAB
- ACHROMATIC — COATED LENSES

One of finest precision optical imports Lafayette has ever offered. Unparalleled for "rockhounds" prospectors, industrial, coin and stamp collectors, students and hobbyists indispensable for examination of gross and opaque subjects. Highly polished — finely machined chromium plated brass tubes, mount and tripod legs. Sliding draw tube permits focusing on objects from flat surface to 1 3/4" high. Ideal for inspecting large specimens—small parts—surfaces of large places. Size collapsed is only 4 3/8"—fully extended 6 1/2" less tripod. Includes soft leather case and tripod legs. Perfect portability. Shpg. wt., 1 lb. Imported

F-37

Net 5.95



5⁹⁵

SUBSTAGE "MICRO-LUMINATOR"

- Brilliant — Even Illumination

Versatile, substage microscope illuminator provides brilliant, even, color corrected light. Mounts in mirror forks of 35 to 40 mm (1 3/8" to 1 5/8"). Mirror forks of other sizes are readily spread or compressed to fit. Well ventilated—reasonably cool operating—110 volt, 10 watt clear glass, high intensity bulb. Blue filter glass corrects light to proper color for micro-illumination. Suitable for use with Lafayette F-338 "Microbe Hunter", F-369 "Researcher", F-602 "Micro Standard and similar microscopes. Complete with 5 1/2 ft. cord, plug, switch and spare bulb. For 110-120V. AC/DC. Shpg. wt., 8 ozs. Imported

F-612

Net 2.89

F-765 Replacement Bulb for F-612

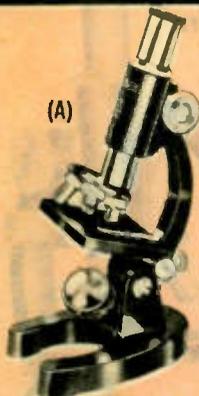
Net .39



LA FAYETTE MICROSCOPES



For **BEGINNERS & INTERMEDIATE STUDENTS**



(A)

(A) 500X "MICRO-MECH" MICROSCOPE

- BUILT-IN MECHANICAL STAGE!
- 100X-200X-300X-500X
- QUADRUPLE REVOLVING TURRET

595

For the student — hobbyist — or budding scientist. Featuring a built-in, micro-drive mechanical stage. Permits the micro-movement necessary to properly examine micro objects. Promotes learning through ease of operation. Four achromatic objective lenses giving magnifications of 100X, 200X, 300X and 500X. Complete with wooden carrying case and slides. Imported. F-357 Shpg. wt., 4 1/2 lbs. Net 5.95

"MICRO-MECH" LAB KIT: Consists of F-357 500X "Micro-Mech" microscope and F-454 Micro-Lab Kit, with accessories and cabinet plus latest edition of "Hunting with the Microscope." F-622 Shpg. wt., 12 lbs. Net 13.90

(B) 600X "BI-OCULAR" MICROSCOPE

- TWIN LENS "BI-OCULAR" TURRET!
- BUILT-IN SUB-STAGE MICRO-LITE!
- 600X-400X-300X-200X-120X-80X!

849

Bi-Ocular turret permits instant variation of magnification without disturbing subject set-up. Triple objective click-stop turret in concert with 10X and 15X "Bi-Oculars" give six ranges of magnifications. "Micro-Lite" with automatic on-off switch. Dual knob, rack and pinion focusing, 8 1/2" high overall. All optics are achromatic. Ocular lenses are Huygenian type. Includes sub-stage mirror for viewing by reflected light. Dovetailed wooden carrying case and sample slides. Shpg. wt., 5 lbs. F-334 Less batteries Imported Net 8.49

BA-155 Battery (2 required) Net ea. .13
BI-OCULAR MICRO-LAB KIT: Complete portable laboratory kit. Consists of F-454 Micro Lab Kit, with all accessories and cabinet, F-334 600X Bi-ocular Microscope, 2 batteries and latest edition of "Hunting with Microscope." F-621 Shpg. wt., 13 lbs. Net 16.50

MICRO-LAB TEKNIKIT®

880



A carefully preselected assortment of the most often used lab items for biology, botany, anatomy, zoology, microscopy, etc. Perfectly complements the many inexpensive microscopes already in use. The instruments and accessories are of excellent quality. The cabinet will accommodate any microscope of no more than 8 3/4"x5 3/4" overall (such as our F-334 "BI-OCULAR" and F-357 "Micro-Mech") and contains the following accessories: 15 slides, slide labels, slide covers, vial of balsam, dissecting scissors, probe, scalpel, tweezers, spatula, applicator rod, eyedropper, magnifier, 5 test tubes with stoppers, 6 laboratory jars, alcohol burner, polishing cloth. All in fitted drawers. Imported. F-454 Shpg. wt., 7 1/2 lbs. Net 8.80



(C)

(C) 1200X "MICRO-TECH" MICROSCOPE

- 80X to 1200X in 8 Ranges
- Built-in Sub-Stage Illuminator
- Dual Knob Lever Type Fine Focus
- Complete Set of Dissecting Instruments

1995

Perfect for the intermediate student or hobbyist. Huygenian eyepieces, 10X and 20X. 4 achromatic objective lenses. Magnifications of 80X, 100X, 160X, 200X, 400X, 600X, 800X and 1200X. Rack and pinion, coarse focus and lever type fine focus. Stage includes optical condenser, 5 aperture, diaphragm. Sub-stage illuminator-mirror combination for direct, incandescent illumination or reflected illumination. Spring loaded rack prevents damaging objective. Includes 2 prepared slides, 4 blank slides, spatula, probe, scissors, tweezers and magnifying glass. Wooden case with carrying handle. Illuminator operates on pen-light cells or house current, by means of transformer. Less batteries. Imported. F-700 Shpg. wt., 6 lbs. Net 19.95

F-701 Replacement bulb for F-700 Net .11
BA-155 Battery (2 required) Net ea. .13
Transformer: Permits use of house current for illumination of F-700 "Micro-Tech" microscope. F-761 Shpg. wt., 8 ozs. Net 1.80

(D) 900X "ZOOM" MICROSCOPE

- 100X to 900X with Zoom Action
- Built-in Substage Illuminator
- Zoom Ratio 1 to 1.5 For Maximum Resolution

995

An excellent value for the beginning student or hobbyist. Features advanced zoom type micro-optics. Zoom action permits smooth, vibration-free, variable magnification without disturbing stage or specimen. Four hard coated objectives set in a revolving "click stop" turret give magnifications of 100X, 150X, 200X, 300X, 450X, 600X, and 900X. Zoom Action permits choosing multiple magnifications without changing eyepiece or objective. The eyepiece zooms smoothly from 10X to 15X. Illuminator operates with batteries or house current, by means of transformer listed below. Round ho. disc diaphragm controls illumination. Includes ins. actions, sample slides and wooden carrying case. F-855 Imported Shpg. wt., 5 lbs. Net 9.95
BA-155 Batteries (2 required) Net .13
Transformer: Permits use of house current for illuminating F-855 Microscope. F-761 Shpg. wt., 8 oz. Net 1.80

THE VISIBLE PUMPING HEART

- Real Pumping Action
- Accurate-Detailed
- Educational
- Easily Assembled

269

Continuous, life-like action in a real working model of the human heart. See the fascinating movement of the blood flow through the transparent chambers of the heart to the "body" and back again. The first "live-action" heart model available to the hobbyist, student, club or classroom at a price within everyone's reach. Accurate detailing — suitable for educational and professional use. Simple fingertip pressure pumps the blood continuously through the system. Designed for ease of assembly and simplicity in use. Molded in fine detail of Superlon life-time plastic. Finished model is 9" high and 11" wide. AP-97 Shpg. wt., 2 lbs. Net 2.69



(E)

(E) 50X STEREO-SCOPE

- STEREOSCOPE BINOCULAR MICROSCOPE
- WIDE FIELD—3 DIMENSION VIEW
- VERTICALLY ERECT IMAGE

1495

Indispensable for the examination of surface features of gross objects. Excellent hobby aid for the coin and stamp collector. Prismatic, binocular head with interpupillary adjustment. Ground glass stage, 3 3/4"x2 3/4". Heavy modified horseshoe base. Overall height 8". Complete with wooden carrying case. Imported. Shpg. wt., 5 lbs. Net 14.95

F-762 Net 14.95
Earth-Science Combination. Includes 50X Stereo-Scope (F-762) and 96 selected specimens, named, tagged and classified. (Vol. I and Vol. II Mineral Tekn kits.) F-763 Shpg. wt., 8 lbs. Net 17.76

(F) 50X-100X "MAGNI-SCOPE JR."

Direct viewing "projection" microscope affords viewing ease to small groups. Less tiring than viewing through a conventional microscope. The image is projected onto a self contained, translucent glass screen. Finger tip control switches from 50X to 100X. Thumb wheel focus for sharp definition. Projects the full colors present in the slide or specimen. Illumination by means of a battery powered, pre-focused bulb. Requires 2 standard flashlight batteries (not included). Overall size 4 1/2"x3 6/8". Supplied with bulb and three prepared slides. Imported. F-760 Shpg. wt., 1 1/2 lbs. Net 5.29
BA-157 Batteries (2 required) Net ea. .13



HOW TO DISSECT
Exploring With Probe and Scalpel

Dissection as a tool for scientific research. Equipment. Techniques. Dissecting the digestive, reproductive, nervous, circulatory and structural systems of the earthworm, crayfish, grasshopper, starfish, squid, shark, frog, gladiolus. Also perch, lobster, octopus, snail, moths, barnacles, etc. Special projects: behavior of earthworms, food and oxygen in space ships, juvenile hormones, remote control of heartbeats, regeneration, microdissection, camouflage, marine aquariums, etc. 128 pages. 82 photos and drawings. BK-1443 Post paid in U.S. Net .89

HUNTING WITH THE MICROSCOPE



How the microscope works. How to prepare and study cultures—set up a microscope zoo and garden—grow micro organism—perform micro surgery. Profusely illustrated with photographs and drawings. BK-1440 Post paid in U.S. Net .89



SLIDE PREPARATION KIT

- 30 Large Blank Slides

.98

30 glass slides, 3" x 1", in a fitted, sturdy cardboard container. Slotted guides hold slides upright for easy indexing. Includes slide covers and vial of mounting fluid. Shpg. wt., 1 lb. Imported F-533 Net .98

RESEARCH EQUIPMENT FOR SCIENCE AND TECHNOLOGY



The "Micro-Standard Mark II" 1500X SOCIETY STANDARD MICROSCOPE

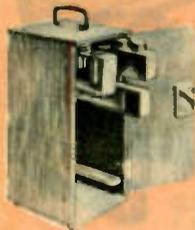
CLINICAL AND ADVANCED ACADEMIC MODEL

- 25X to 1500X in 12 RANGES
- 4 ACHROMATIC OBJECTIVES IN ROTATING TURRET
- VARIABLE SUBSTAGE CONDENSER WITH IRIS DIAPHRAGM
- STANDARD SOCIETY OPTICS, BOTH OBJECTIVES AND EYEPIECES
- RIGID QUALITY CONTROL STANDARDS
- PAR FOCAL WITHIN 0.1mm



8995

NO MONEY
DOWN
BUY ON TIME
SEE PAGE 412



An unusually fine optical instrument designed especially for precision viewing requiring high magnification with an oil immersion lens. The outstanding features of great range and engineered versatility, optimum clarity and great magnification are usually found in microscopes costing much more.

OPTICAL SPECIFICATIONS: Three Huygenian eyepieces—5x, 10x, 15x. Four achromatic objectives—5x, 10x, 40x, 100x (oil immersion). FOCAL LENGTH: 170 mm. Monocular. **FOCUSING:** Coarse focus with adjustable tension. Fine focus vernier adjustment. Par-Focal within 1/2 rotation of fine focus control (0.1 mm). Spring loaded safety device prevents objective going through slide. **STAGE:** Square stage: 95 mm x 95 mm. Integral mechanical stage, adjustable in any direction. Stage clips. **SUBSTAGE:** Focusing condenser with variable iris diaphragm. 41 mm plano/concave mirror. Tilting Base. Black and chrome finish. Overall 12" high, 6 1/2" deep, 4 1/2" wide. Includes fitted wood cabinet with lock and key, 3 slides, bottle of cedar oil.

F-829WX Shpg. wt., 11 1/2 lbs. Imported Net 89.95
Sample available on approval to universities and industrial laboratories.

"MICRO'DAPTER"®

- Micro-photography! • Astro-photography!
- Inexpensive — accurate — easy to use
- Use any camera/microscope or camera/telescope setup
- Photo-record your observations



1975

The MICRO'DAPTER permits the use of any camera — even movie cameras — with practically all microscopes and telescopes. May be used with all color and black and white film. No need to remove the camera lens. All exposures are made with the camera set at infinity. You view the specimen — choose the field of view — and focus while sighting through the MICRO'DAPTER's viewing telescope. Cross hairs are superimposed on the image for centering. The telescope is focusable for diopter variations. The viewing image is automatically in focus for the camera when viewed in focus through the MICRO'DAPTER. A special prism arrangement allows 15% of the light to pass through the viewing telescope for easy focusing. The camera shutter is operated in the normal fashion. Accessory sleeves permit the MICRO'DAPTER to be used with other than Society size microscopes. The MICRO'DAPTER may be used with any telescope by attaching to eyepieces of 29mm (1 1/4") maximum diameter. Complete with lateral viewing telescope, accessory sleeves and fitted case. Shpg. wt., 1 1/2 lbs. Imported
F-506

Net 19.75

Optiscope

Optiscope—Wide Field Stereoscopic
Binocular Microscope

- 10X — 90X
- Six paired, wide field eyepieces
- Six paired objectives
- Universal mounting device

18900
NO MONEY
DOWN

Unique design permits examination of opaque or gross specimens in any plane as well as use of standard stage and hand rests. The Optiscope reveals an extremely wide field, has a high eyepoint and long working distance. The image is not inverted or reversed; all movements appear in their actual direction. Engineered versatility for use in laboratory, industrial, and general research. Exceptionally fine optics pro-

BUY ON
TIME
SEE PAGE
412

duce the most brilliant resolution. Fine stereoscopic (3-dimension) vision—wide flat field with exceptional depth of focus. Unexcelled optical and mechanical design.

OPTICAL SPECIFICATIONS: Six paired, achromatic, coated objectives, 2X, 4X, 6X, interchangeable by means of a dovetail slide. Six paired widefield eyepieces. Coated and corrected for chromatic aberration and field curvature. Two each 5X Huygenian, 10X Kellner and 15X Kellner.

BODY: Inclined 90°, coated prism system for maximum light transmission, interpupillary adjustment 55mm to 75mm, eyepiece diopter adjustment.

STAGE: 90mm x 100mm removable stage. 70mm flush top glass plate, long spring clips, removable hand rests.

FOCUSING: Rack and pinion focusing mechanism with 3" excursion of the rack. **STAND:** Universal mounting base clamps on any flat surface up to 2 1/2" thick. Maximum vertical travel of Optiscope on universal stand is 4 3/4". Affords 10" clearance from work surface to objective lens. Horizontal excursion is 4". Rotation through 360° in two axis. Includes fitted cabinet of fine grained oak. Shpg. wt., 25 lbs. Imported
F-443WX

Net 189.00

MICRO-STANDARD

- LOCATES ANY SPOT ON A SLIDE, "ON THE NOSE"
- SMOOTH ACTION—HORIZONTAL AND VERTICAL
- FOOL PROOF CO-ORDINATE SYSTEM

995



Graduated mechanical stage attaches to any "Society" size microscope stage such as F-367 Medica, F-368 Micro-Plex and F-602 Micro-Standard. Adjustable holder takes any slide up to 90 mm x 50 mm. Essential for methodical examinations such as is required under an oil immersion lens or in blood counting. Locates and relocates portion of the slide quickly and easily. Vertical movement by rack and pinion — horizontal movement by worm gear. Machine engineered scales, graduated in single millimeters with vernier reading to 1/10th mm. All slides can be charted by means of the co-ordinates of these scales. Spring clip automatically fits the slide into proper position. Supplied with fitted wooden case. Shpg. wt., 1 lb. Imported
F-362L

Net 19.95

NEW! MICRO PHOTOMETER

- Highly Sensitive Exposure Meter
- Suitable for use in Astro-photography
- For Photomicrography and Macro-photography



4495

NO MONEY
DOWN

EASY PAY PLAN
SEE PAGE 412

An exceptionally sensitive exposure photometer. Specifically designed for use in laboratory and clinical photomicrography, photomacrography and astro-photography. Sensitivity range in three scales from 0.1cp to 176.4cp. Shutter speed range to 1/5000 sec. Three scale ranges: 0-10, 0-100, and 0-1000. Each scale is subdivided in increments of 50 for maximum accuracy. Applies directly to the eyepiece of the microscope or telescope. Complete with all necessary fittings and instructions. Uses 4 penlight cells (not supplied). Shpg. wt., 3 lbs.
F-849L
BA-155 (Burgess Z type batteries)

Net 44.95
Net .13

RESEARCH EQUIPMENT FOR SCIENCE AND TECHNOLOGY



Micro-Plex — Binocular-Monocular Research Microscope

- 20X to 2000X • Interchangeable Binocular/Monocular Tubes
- Vernier calibrated mechanical stage • Eight paired eyepieces
- Quadruple revolving nosepiece



An outstanding instrument with features of construction and design that will, without reservation, be appreciated by competent experts.

OPTICAL SPECIFICATIONS: Four achromatic, coated objectives 4X/0.15 n.a., 10X/0.25 n.a., 40X/0.65 n.a., oil immersion 100X/1.25 n.a. Eight paired eyepieces. Two each 5X Huygenian, 10X Huygenian, 15X peri-planatic, 20X Kellner. Dust proof quadruple revolving nosepiece.

FIELD SIZE: Field area in millimeters is from 4.7 to 2.0mm for the 20x to 80x range, 1.88mm—0.8mm for 50x—200x, 4.7mm—2.0mm for 200x—800x, 1.88mm—0.8mm for 500x—2000x. Field size taken at 170mm focal length.

BODY: Interchangeable Binocular tube inclined 45°, graduated interpupillary adjustment, left eye-tube adjusts for refractive difference between two eyes. Monocular tube is extendable, graduated in mm from 140mm to 190mm. Parfocal at 170mm.

STAGE: Square stage 125mm x 130mm. Mechanical stage with 30mm x 70mm range of movement with vernier accurate to 0.1mm. Slides of practically every shape and size, including petri dishes, can be used.

FOCUSING: Coarse focus by means of coaxial rack and pinion drive on dovetail slide. Fine focus by coaxial micrometer slow motion Meyer's type adjust. Graduated 1 division equals .002mm (2 micron intervals). Spring loaded action prevents driving through subject.

SUBSTAGE: Rack and pinion drive. Double lens bright field condenser (interchangeable) 1.2 n.a. Iris diaphragm. Filter holder, stop against overwind, 50mm plano-concave mirror.

Satin black baked enamel finish. Chrome trim. 13 1/4 x 8 1/2 x 5 1/4" overall. Net weight 34 lbs. Includes fitted cabinet of fine grained oak with lock and key, 5cc of cedar oil, spring clips, spanner, blue filter. Shpg. wt., 42 lbs. F-368WX Imported..... Net 345.00

345.00

BUY ON TIME
SEE PAGE 412

UNIVERSAL MICROSCOPE ILLUMINATOR

- Transformer with Dimming Control



Universal
Microscope
Illuminator with
Iris Diaphragm

35.00

NO MONEY
DOWN

Provides an intense, relatively cool light. Designed for use with stereoscopic microscopes (incident light), vertical illumination and as a general laboratory light source. Excellent for use as a "Millikan oil drop" experiment illuminator. Mounted on a heavy base, the lamp can be adjusted for any angle of above or below stage illumination. Size of the illuminated field is controlled by iris diaphragm. Ventilation openings are baffled to confine stray light. Focusable from an image of the filament to a broad field. The variable transformer permits continuous variation of light intensity. Supplied with a 6.5 volt, 25.5 c.p., clear glass bulb, blue glass filter and variable transformer. Shpg. wt., 10 lbs.

F-445 Imported..... Net 35.00
F-755 Repl. Bulb for F-445 Net, ea. .69

MICROSCOPE STAGE MICROMETER

- GRADUATED TO 1/100 MM

Measures microscope field sizes—used for calibrating and standardizing micrometer eyepieces. Fine polished glass slide, 75 mm x 25 mm, has a 1.0 mm scale with 100 graduations (0.01 mm) ruled directly on it. Each fifth and tenth calibration is a larger line to aid in measurement. The lines are stained black and protected by a cover glass. Complete in hinged case. Shpg. wt., 6ozs. F-448 Imported..... Net 3.95

3.95

Medica II — Medical-Bacteriological Microscope

- Standard Society Size
- 20X to 1500X
- Vernier calibrated mechanical stage
- Extendable Monocular Tube
- Par-focal at 170mm tube length

179.00

EASY PAY PLAN
SEE PAGE 412



Outstanding design—features unexcelled optically and mechanically—and priced far below any equivalent instrument.

OPTICAL SPECIFICATIONS: Four coated achromatic objectives. 4X/0.10 n.a., 10X/0.25 n.a., 40X/0.65 n.a., oil immersion 100X/1.25 n.a. Three eyepieces, 5X Huygenian, 10X Huygenian, and 15X peri-planatic.

BODY: Extendable, monocular tube. Graduated from 155 mm to 200 mm. Parfocal at 170 mm. **STAGE:** Square stage 120mm x 125mm. Graduated mechanical stage with 50mm x 80mm range. Vernier accurate to 0.1 mm.

FOCUSING: Coarse focus by means of rack and pinion drive on dovetail slide. Fine focus by coaxial, lever type, micro-motion. Full 16 revolutions for 3mm travel. Spring loaded safety device prevents driving through subject. Focusing tension adjustable.

SUBSTAGE: Ring type, rack and pinion drive. Double lens bright field condenser (interchangeable) 1.2 n.a., iris diaphragm, filter holder, stop against over wind, 50mm plano-concave mirror.

12 1/2 x 8 1/2 x 5 1/4" overall. Net weight .21 lbs. Includes fitted cabinet, 5cc of cedar oil, spanner, spring clips, blue filter. Shpg. wt., 29 lbs. F-367WX Imported..... Net 179.00

SUBSTAGE ILLUMINATOR



- Standard society size

8.50

Provides brilliant, even, illumination generally unobtainable with ordinary substage lamps. Well-ventilated—cool operating—110 Volt, 15 watt clear glass bulb. Mounts in any mirror fork that holds 50mm mirror, such as the Micro-Plex (F-368) or Medica (F-367). Has both diffuser lens and ground glass blue filter. Complete with 2 spare bulbs and wooden case. Shpg. wt., 1 1/2 lbs. Imported

F-438..... Net 8.50
F-754 Repl. Bulb for F-438 Net, ea. .39

SIMPLEX CYLINDER MICROTOME

- Graduated in 10 micron intervals
- Surgical Steel Knife
- 75mm ground glass stage

Small, accurate microtome for freehand sectioning. Suitable for school use as well as lab applications where a hand operated feed is sufficient. Extremely well made to very close tolerances. Micrometer feed screw is graduated in 10 micron intervals. The ground glass stage is 75 mm in diameter. The microtome knife is of surgical steel, ground and tempered to produce and retain a keen cutting edge. Complete with knife and wooden storage case. Shpg. wt., 2 lbs. Imported

F-442..... Net 19.95



19.95

WIDE FIELD 10X EYEPIECE

10.50

Coated Kellner 10X widefield eyepiece for all standard, society size (23mm ocular tube) microscopes. A positive achromat with a large eye lens and a high eyepoint. Offers a considerably wider field of view, and far greater eye relief than a standard Huygenian eyepiece. Invaluable aid to prolonged research and study. For use with such microscopes as our F-829, F-368 and F-367. Imported

F-830L..... Shpg. wt., 8 oz. Net 10.50



LAFAYETTE

PRECISION SCIENTIFIC INSTRUMENTS
for RESEARCH



SUB-MINIATURE TRANSISTOR HEARING AIDS



2 1/2" Long 2 5/8"
1 3/4" Wide 3/4"
5/8" Thick 7/16"
2 oz. Weight 1 oz.

22⁵⁰

**NO MONEY DOWN
\$5 monthly**



29⁵⁰

(A) 4 TRANSISTOR UNIT. Features an extremely advanced circuit with 4 transistors, a high-performance crystal microphone, 3-ft. thin, plug-in colorless flexible cord and a unique magnetic earphone providing clear reception and sound reproduction. Supplied with leather carrying case, earphone and battery. Shpg. wt., 1 lb. Imported.

F-480L	Net	22.50
BA-153 Extra Battery, Burgess NE type	Net	.08
F-567 Extra Plug-in Cord	Net	.55
F-568 Extra Earphone	Net	1.59

No Money Down \$5 Monthly

(B) 3 TRANSISTOR UNIT. Imagine — a powerful hearing aid weighing less than a single ounce. Derives its power from a tiny mercury cell, known for long life, and is replaced in seconds. A hold-down spring clip keeps hearing aid in place. Rotating volume control, adjustable over 180°, provides the amount of amplification necessary. 3-feet of flesh-tinted cord with plugs at both ends and special flesh-tinted earpiece. With velvet-lined leather case, mercury cell and instructions. Shpg. wt., 1 lb. Imported.

F-758L	Net	29.50
BA-24 Extra Battery, Mallory RM-625R	Net	.30

No Money Down \$5 Monthly

OCULAR MICROMETER RETICLES

Convert your microscope into a precise, "quantitative" measuring instrument. Use these reticles to measure with extreme accuracy the length of, or the area occupied by, the smallest micro-sized specimens. Excellent for measuring dispersion and distribution of microscopic life in their media. Reticles mount in the ocular of the microscope; yield perfectly clear field. Made of the finest type of engraving on optically flat glass discs which may be easily cleaned before installation. Each disc in a plastic case. Reticle Diam.—19 mm. Imported

F-363L—10mm—100 divisions Linear Scale	Net	1.95
F-364L—5mm—100 divisions Linear Scale	Net	1.95
F-365L—10x10mm—400 squares—0.25mm ² Min.	Net	1.95
F-366L—5x5mm—100 squares—0.25mm ² Min.	Net	1.95

LAFAYETTE OPTICAL MICROMETER

- Pocket sized Comparator
- Linear scale in inches
- Direct measurements to .005"!
- Measures Diameters - Radii - Angles

High quality optical micrometer using a triplet lens system of approximately 7 power. Triplet system affords a wide flat field of view. Extremely accurate reticle of etched glass. Unaffected by changes in temperature and humidity—impervious to oil, solvents and scratches. 0.5 inch linear scale calibrated to .005 inch. 10 mm scale calibrated to .2 mm. Hole diameters from 1/4" to 3/4" and from .005 to .05". Thickness scales from 1/4" to 1/2". Radii from 1/4" to 3/4" and angles from 0 to 90°. Measures instantly—without adjustments. Accurate to edge of 1" field. Adjustable focus. Reticle removable for use as highpower magnifier. Infinite uses in lab and industry. Complete with leather case. F-376L Shpg. wt., 6 oz. Imported. Net 7.95



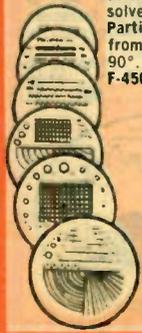
795

SPECIAL MICROMETER RETICLES

Extremely accurate, etched glass reticles for use with F-376 Optical Micrometer or other comparators of equal quality. Unaffected by changes in humidity and temperature — resistant to scratching — oils — and solvents. All reticles measure 1 1/4" (27 mm). Imported

Particle measuring grid 0.4x0.3" subdivided to .005". Hole diameters from 0.1 mm to 3.0 mm. Radii from 1 mm to 10 mm. Angles from 0 to 90°. 10 mm linear scale calibrated to .2 mm. Shpg. wt., 4 ozs. F-456L Net 2.75

Radii and angle scales. 180° protractor scale, 0 to 90° in 1° increments. Radius scale, concentric 0.5 mm to 10 mm with .5 mm subdivisions. Shpg. wt., 4 ozs.	F-457L	Net	2.75
Thickness gauge. 15 scales consisting of parallel lines — measures from .002 to .016 inches. Shpg. wt., 4 ozs.	F-458L	Net	2.75
Particle measuring grid and diameters. 10 mm square grid of 0.5 mm squares. Subdivided with 0.1 mm increments. Diameters from 0.1 mm to 2.5 mm in 0.1 mm increments. Shpg. wt., 4 ozs.	F-459L	Net	2.75
Complete comparator. All five reticles and magnifier. With leather case. Shpg. wt., 8 ozs.	F-460L	Net	16.95



COMPLETE BEHIND-THE-EAR TRANSISTORIZED HEARING AID



- Flesh-Colored Plastic
- Self-Contained Miniature Unit—No Cords
- Complete with Battery Charger, 2 Rechargeable Alkali Batteries and Case

A new hearing-aid that is compact and light, powerful and miniature. Flesh-colored to be almost invisible, fits either ear comfortably. Weighs 1/2 oz. Independent on-off switch and volume control. Operates 8-10 hours rechargeable alkali battery. Complete with battery recharger and 2 alkali batteries. Shpg. wt., 3/4 lb. Imported F-893L Net 62.95

SUGAR REFRACTOMETER

- A modified Abbe design—reads percentage of sugar in solution
- Completely portable—fits in pocket
- Four units cover both high and low range readings
- Accuracy ± 0.2% for low range instruments—± 0.5% for high range.

An exceptionally well made, highly accurate hand sugar refractometer. Designed for accurate measurements of the percentage of sucrose or dissolved solids in solution. Particularly suited to the sugar industry. Permits accurate measurements, in the field, of sugar percentage in fruits and vegetables. Equally suitable for use in the "juice" industry, by sugar growers, in canning plant lab, candy, chocolate and jelly industries, soft drink plants, breweries, agricultural as well as in other phases of chemistry and clinical pathology. Extremely simple in operation—no moving parts except the focusing eyepiece. Completely color corrected optical train, perfectly clear field. Range of 0-32%, reads directly to 0.2%, easily estimated reading to 0.1%. Accuracy ±0.2%. Includes adjusting screw driver, temperature correcting tables, leather carrying case and straps. Shpg. wt., 1 1/2 lbs. Imported

F-358L	Net	29.95
F-431L Range 28 to 62% ±0.2%	Net	33.95
F-430L Range 45 to 82% ±0.5%	Net	41.90
F-432L Range 58 to 90% ±0.5%	Net	41.90

DIRECT VISION SPECTROSCOPE

- Superior to grating 'scopes
- Adjustable Slit—focusable field

19⁵⁰



A simple, accurate instrument for the spectroscopic analysis of emission spectra from light sources, vaporized chemical salts, solids, liquids and the Solar Spectrum. Most convenient for experimental and student use. A broad dispersion field of high intensity is obtained from several dispersing prisms of matched glass, while a high grade optical system yields good resolution, sufficient to separate 5769.6Å from 5790.6Å in the spectrum of a fluorescent lamp. The slit has adjustable width and can be focused sharply by means of an eye piece draw-tube, assuring easy viewing and establishment of Fraunhofer lines of the Solar spectrum or bright lines of the emission spectra. Metal parts are made of chrome-plated, corrosion-proof brass. Supplied in fitted case. Shipping wt., 9 oz. Imported F-359L Net 19.50

LAFAYETTE ILLUMINATED OPTICAL MICROMETER



- Takes Direct Measurements To 1/200"

ONLY 595

A quality optical micrometer which illuminates both the reticle and the object to be examined. Lens system magnifies work 10 times. This instrument makes precision measurement of diameters, radii and angles without eyestrain. Extremely accurate etched glass reticle of 1" dia. Measures: Hole Diameters from 1/4" to 3/4" in 64ths and from .002" to .05"; Radii from 1/4" to 3/4" in 32nds; Angles from 0 to 90° calibrated every 5°, plus 29°, 55°, 60° and 118°. Two Direct Measurement scales, 1/4" in 1/4ths and 1/2" in 1/200ths. Size: 6 3/4" overall. Uses two "C" flashlight cells (not supplied). Imported. F-846 Shpg. wt., 9 oz. Net 5.95

BA-156 Batteries for above (2 req.) Net ea. .13

PL-33 Extra bulb for above Net 1.11

New! Lafayette 9-Transistor Superhet Citizens Band Walkie-Talkie Model HE-29C

plus Diode and Thermistor

FOR THE FIRST TIME—A LAFAYETTE 9-TRANSISTOR CB TRANSCEIVER AT ONLY

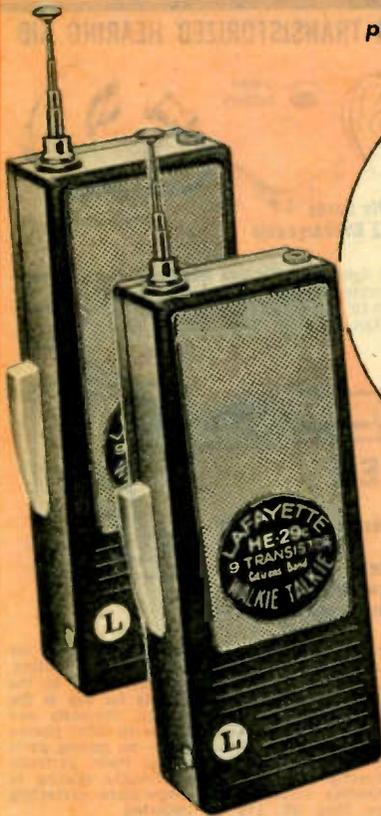
25⁹⁵
Ea.

2 for 49⁹⁵

NO MONEY DOWN
\$5 monthly

Complete with Leather Case, Earphone, Antenna & Batteries

No License Required (FCC Reg. part 15)



- Transmits & Receives Up to 1.5 Miles
- Crystal Control on Both Transmit & Receive
- Leather Case with Shoulder Strap
- Requires 6 Inexpensive Penlight Batteries
- 46" Telescoping Antenna
- Push-To-Talk Operation
- Earphone for Personal Listening

No license or permit required per FCC Regulation Part 15. Complete portable two-way communications for everyone, everywhere — hunting, fishing, boating, virtually all sports; at work in construction, warehouse, office, farm or for in-plant communications. Receives and transmits up to 1.5 miles under average conditions (no intervening obstructions.) As simple and easy to use as your telephone and twice as handy—weighs only 16 ounces and slips into your pocket. Two controls provide fast, efficient operation, on/off volume and push-to-talk. When push-to-talk bar is depressed for transmitting, the built-in speaker acts as a sensitive microphone. Private monitoring of conversation by means of a special jack and earphone. Telescoping antenna extends 46 inches.

Achieves optimum reliability and performance by use of sophisticated transistor techniques and advanced design. Full-transistor circuitry employs 9 transistors, 1 diode. Crystal controlled transmitter section delivers 100 milliwatts of power to the final RF amplifier, the maximum permitted by FCC specifications for unlicensed units in the 27mc Citizens Band spectrum. Crisp, clear reception furnished by the efficient superheterodyne receiver. Power supplied by 6 penlight batteries with life expectancy of up to 55 hours. To conserve battery power, a 117V AC power pack is available as an optional plug-in accessory and plugs into battery eliminator jack. Housed in black and brushed aluminum metal case with leather carrying case and shoulder strap. With earphone, antenna, batteries and a pair of crystals for the channel of your choice. 6 $\frac{1}{2}$ x2 $\frac{1}{2}$ x1 $\frac{3}{8}$ ". Shpg. wt., 2 $\frac{1}{2}$ lbs. Imported.

HE-29CL Specify Channel	Net 25.95
Set of 2	Net 49.95
Matched Crystals for Above. Specify channel.	
HE-892C Pair	Net 4.50
Replacement batteries for HE-29C "Walkie-Talkie," 6 required.	
BA-155 Z Cells	Net ea. .13

New! Lafayette 3-Transistor Citizens Band Walkie Talkie Not a kit—Completely wired

Great Fun for Kids Too — At a Price Even They Can Afford!

GREAT FOR: Home, Hunting, Fishing, Picnicking, Cycling, Camping, Golfing, etc.

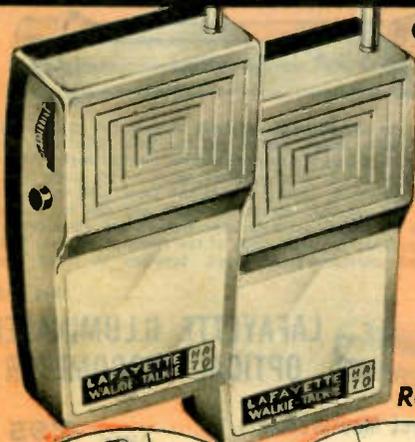
Sensationally Low

10⁹⁵ Ea.

2 for 21⁰⁰

No License Required (FCC Reg. part 15)

Up to 1/4 Mile
Reliable Communications

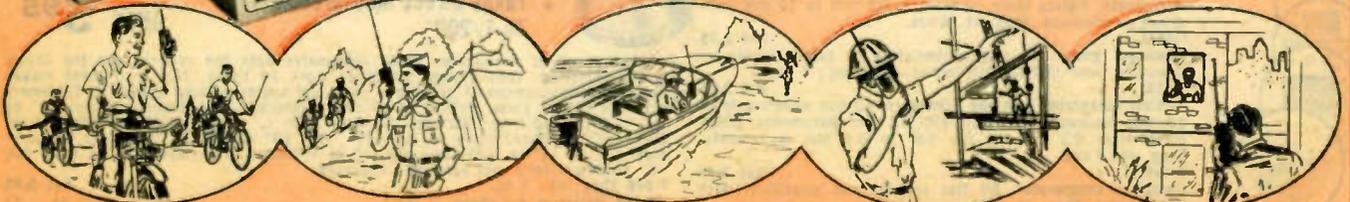


No Time Wasted in Building — Use This Terrific Little Walkie Talkie As Soon As You Receive It!
Attractive, Neatly Styled Plastic Case — Slip It Into Your Shirt Pocket!

A great new CB challenge to young and old for countless exciting short range applications. This new Lafayette Citizens Band Walkie Talkie is a 3-transistor transceiver with crystal control on transmit and with an efficient superregenerative receiver. Super-regenerative has minimum external ignition noise pickup when voice signal is being received. Excellent for camping, picknicking, hunting, fishing, golfing, surveying, cycling, construction and many other applications requiring up to 1/4 mile communications.

Has Push-to-Talk Button, On-Off Switch and efficient speaker that is used as speaker and microphone. Complete with built-in telescope antenna, transmitting crystal, one 9 volt battery and plastic carrying case. Size: Approx. 5 $\frac{1}{2}$ x2 $\frac{1}{2}$ x1 $\frac{3}{8}$ ". Shpg. wt., 1 lb. Imported.

HA-70L	Net ea. 10.95
2 for	21.00
BA-2 REPLACEMENT BATTERY FOR HA-70	Net .21



New! LAFAYETTE 1-Watt 2-Channel Portable Citizens Band Transceiver

A NEW CONCEPT IN 2-WAY CB RADIO ... THE SUPER WALKIE TALKIE!

CAN BE USED ANYWHERE — Ideal for Builders, Contractors, Surveyors, Fishermen, Farmers, Hunters, Campers, Plant Watchmen, Security Personnel, Warehouse Personnel — can be used out of case . . . placed on table, desk, vehicle or boat.

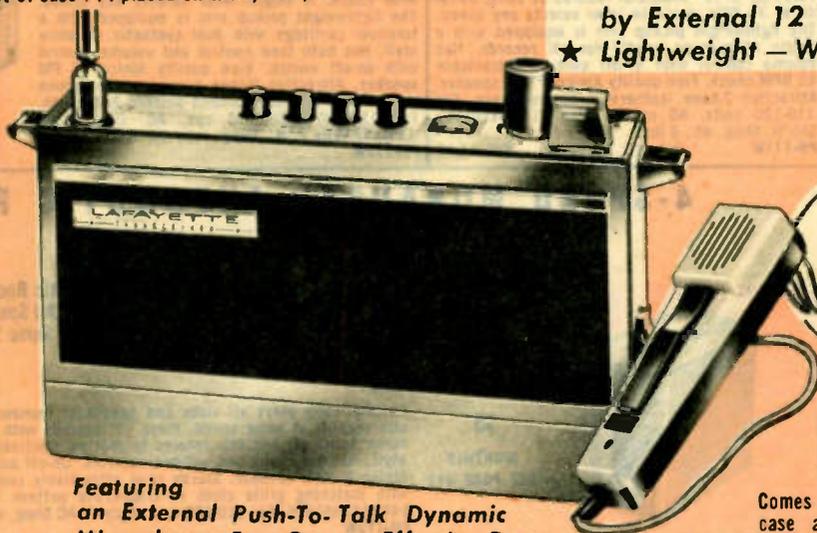
- ★ 13-Transistor 5-Diode Circuit
- ★ 2-Channel Operation
- ★ Complete with 2 pair Transmit/Receive Crystals
- ★ Push-Button Operated
- ★ Self-Contained Batteries or Powered by External 12 Volt DC Supply
- ★ Lightweight — Weighs only 4 lbs.

MODEL HA-150

ONLY
79⁹⁵
No Money Down

2 for 154.95

Comes complete with leather carrying case and shoulder strap . . . fully portable.



Featuring
an External Push-To-Talk Dynamic
Microphone For Greater Effective Range.



... Features Meter for Indicating
Battery Strength & Modulation Level.

Conforms with all FCC regulations . . . Just fill out license form enclosed.

Here is a fully transistorized 2-way Citizens Band Radio that offers the portability and convenience of a "walkie-talkie" yet has features found only on large mobile transceivers. It has full 1-watt RF input . . . up to 6-mile range . . . a heavy-duty battery pack that maintains the transceiver's maximum capabilities for longer periods of time—and with less frequent battery changes. Yet this remarkable transceiver weighs only 4 lbs. including batteries . . . you carry it with you wherever you go. External dynamic push-to-talk microphone assures perfect intelligibility — effectively increases range of transmission as a result. 4 convenient push-buttons give you complete control—let you change channels . . . switch in the squelch circuit.

100% Solid-state circuitry using 13 transistors and 5 diodes, offers dependable, service-free operation. High efficiency variable-angle antenna extends to 59 inches . . . collapses to 7½ inches and folds neatly across front of transceiver when not in use. Transmitter has rugged Silicon-Mesa type transistor in RF output stage for high efficiency. Sensitive superhet receiver circuit provides high "pull-in" power and has push-pull audio stage and large 3-inch speaker for high output and undistorted sound which can be heard from both sides of the transceiver.

Then there is the extra convenience and flexibility of 2-channel operation . . . if one channel is busy you simply switch to the other channel. The transceiver is equipped for operation on channels 10 and 15, but may

also be operated on any other two channels in the Citizens Band by changing crystals—a simple plug-in operation that requires no circuit retuning or readjustments. Another convenience is a quick-release battery compartment that uses 8 inexpensive flashlight cells. The HA-150 is an ideal choice in any situation which calls for portable 2-way radio communication, whether for business or personal use. It offers the needed range, controls and features to assure you of outstanding CB transmission and reception. And, the HA-150 is an amazingly versatile unit. It can be used in or out of its case . . . as a base station or remote . . . carried by the shoulder strap or placed on a desk, table, vehicle, boat—even on the ground!

The HA-150 is furnished complete with channel 10 and 15 crystals (2 transmit, 2 receive), batteries, push-to-talk dynamic microphone in leather carrying case, earphone, cord and plug for external battery connections, 59" telescoping antenna, and leather carrying case with shoulder strap for transceiver.

Dimensions: 9½Wx2¼Hx5½"D. Operates from self-contained 12 volt battery pack or 12 volt DC external supply. Imported. Shpg. wt., 7 lbs.

HA-150	Net	79.95
Set of 2	Net	154.95

Replacement batteries for HA-150.		
BA-156 1.5 volt "C" cell (8 required)	ea. Net	.13
Additional matched pair of crystals		
ME-892C. Specify channel(s) required	ea. pair	4.50

SPECIFICATIONS

TRANSMITTER: Crystal-controlled, 2-channel, 1-watt RF Input, meets FCC regulations. RECEIVER: 2-channel crystal-controlled super-heterodyne, 455 Kc IF, 1 µv sensitivity for 10 db S/N ratio, push-pull output stage. AUDIO OUTPUT: 1 watt max. LOUDSPEAKER: 3-inch, round, PM type. POWER SUPPLY: 8 series-arranged 1.5 volt cells, 12 volts DC total. Socket available for external 12v DC. TRANSISTOR COMPONENT: Total 13; 2SA74, 2SC17, 2SC20, 2SA93, 2SA76, 2SA92, 2SA49, 2SA53 (2), 2SB54, 2SB56, 2SB202 (2), DIODES: 1N60 (5).

WHAT OTHER PORTABLE CB OFFERS ALL THESE FEATURES?



1. EXTERNAL PUSH-TO-TALK DYNAMIC MICROPHONE FOR RELAY SWITCHING
2. CHANNEL SELECTOR
3. SQUELCH
4. AUTOMATIC NOISE LIMITER
5. MODULATION-BATTERY INDICATOR SWITCH
6. MODULATION-BATTERY INDICATOR METER
7. POWER ON-OFF/VOLUME
8. CRYSTAL ACCESS PLATE
9. TELESCOPING WHIP ANTENNA
10. HEAVY-DUTY 12 VOLT BATTERY PACK
11. EXTERNAL BATTERY SOCKET
12. EARPHONE SOCKET

LAFAYETTE PORTABLE PHONOGRAPHS

MONAURAL PORTABLES

ECONOMY 4-SPEED MANUAL



14⁹⁵



Plays up to 12" monaural records at 16 $\frac{2}{3}$, 33 $\frac{1}{3}$, 45 or 78 RPM. A single lever selects any speed. The lightweight pickup arm is equipped with a single all-purpose needle for all records. Has volume control with on-off switch. Retractable 45 RPM chuck. Fine quality Alnico 5" PM speaker. Attractive 2-tone leatherette covered case. For 110-120 volts, 60 cycles. Size 11 $\frac{3}{4}$ Wx10 $\frac{1}{2}$ Dx 5 $\frac{1}{2}$ "H. Shpg. wt., 8 lbs.
PH-171W

Net 14.95

STANDARD 4-SPEED MANUAL

★ Full size case; plays 12" records with lid closed



19⁵⁰

With this portable phonograph you can play any record up to 12" size at 16 $\frac{2}{3}$, 33 $\frac{1}{3}$, 45 or 78 rpm with the lid closed. Has retractable 45 RPM chuck. A single lever selects any speed. The lightweight pickup arm is equipped with a turnover cartridge with dual synthetic sapphire styl. Has both tone control and volume control with on-off switch. Fine quality Alnico 5" PM speaker. Attractive 2-tone turquoise blue-green case with matching diamond pattern grill cloth. For 110-120 volts, 60 cps, AC. Dimensions 13Wx12 $\frac{1}{2}$ Dx 7"H. Shpg. wt., 10 lbs.
PH-172W

Net 19.50

4-SPEED MONAURAL AUTOMATIC PHONOGRAPH



No Money Down

37⁵⁰

\$5 MONTHLY SEE PAGE 412

- British BSR Automatic Record Changer
- Plays All Sizes and All Speeds
- Intermixes Sizes of Same Speed

Automatically plays all sizes and speeds of monaural records. Intermixes different size records of same speed. Plays 12" records with the lid closed. After last record motor turns off and arm returns to rest automatically. Turnover cartridge with dual styl. Has both tone and volume controls. On-off and reject switch on changer. Fine Alnico V P.M. speaker. Study case attractively covered in 2-tone brown and white with matching grille cloth in criss-cross pattern interlaced with dull gold. Size: 14Wx15Dx8 $\frac{1}{2}$ "H. For 110-120 volt 60 cycle AC Shpg. wt., 16 lbs.
PH-173W

Net 37.50

COMPATIBLE STEREO-MONAURAL PORTABLE PHONOS

4-SPEED AUTOMATIC STEREO PHONO

- Latest Drop Lid Design
- Detachable Wing Speakers
- V.M. Automatic Changer
- Compatible—Plays both Stereo And Monaural
- 4 Controls

A handsome portable in the new drop lid design. Equipped with 4-speed automatic intermix changer with turnover cartridge and dual styl. Plays all sizes and speeds. After last record motor turns off and arm returns to rest automatically. Has 2 volume controls and 2 tone controls, 1 for each channel. Detachable wings each have 5" Alnico V P.M. speaker with 7-ft. cable so wings may be conveniently placed. Beautifully styled all-wood case is covered in rich charcoal with contrasting white trim, silver control panel, black knobs with silver insert. Tapered case measures (closed) 22 $\frac{1}{2}$ Wx8Dx14 $\frac{1}{4}$ "H. For 110-120 volt 60 cycle AC. Shpg. wt., 25 lbs.
PH-174WX

Net 57.50

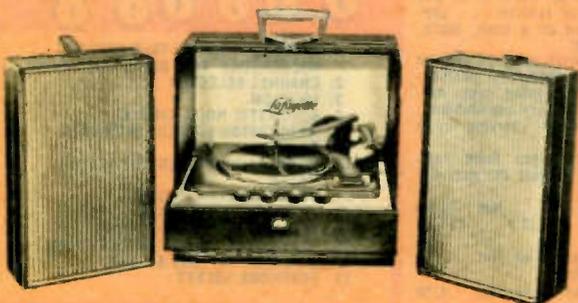
\$5 MONTHLY SEE PAGE 412

57⁵⁰

No Money Down



DELUXE AUTOMATIC STEREO PHONO



No Money Down

77⁵⁰

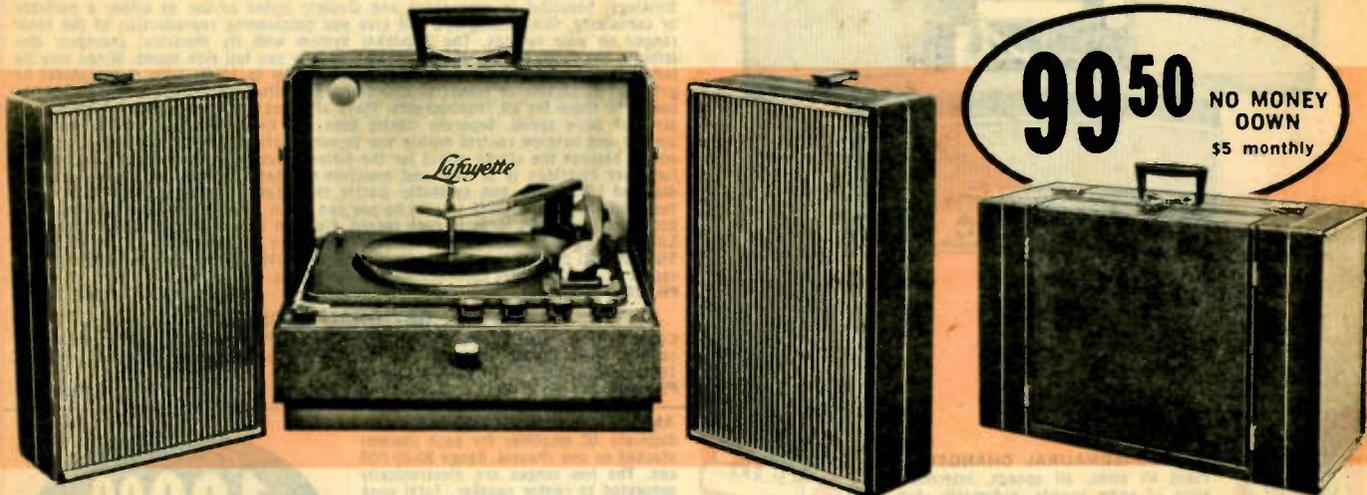
\$5 MONTHLY SEE PAGE 412

- Garrard 4-Speed Intermix Changer
- 4 Speaker System in Detachable Wings
- 4 Controls
- Drop Lid Construction
- Amplifier Has 3 Tubes Plus Rectifier

A deluxe compatible automatic portable that plays all sizes and speeds of stereo and monaural records. 4 controls: master bass, master treble, balance and loudness enable you to achieve the qualities of reproduction you desire. 2 detachable wings with 6-ft. cables each have a 6" bass and mid-range speaker and a 4" speaker to cover the high frequencies. Turnover cartridge with dual styl. Garrard automatic changer intermixes all sizes of same speed. Motor turns off and arm returns to rest after last record. On-off and reject switch on changer. Sturdy all-wood case is covered in a beautiful grained charcoal brown with fine gold beading, brass trim, and white and gold grille cloth. Size (closed) 24Wx9 $\frac{1}{2}$ Dx15"H. For 110-120V, 60 cycle AC Shpg. wt., 25 lbs.
PH-182WX

Net 77.50

LAFAYETTE'S FINEST ALL-TRANSISTOR HIGH FIDELITY STEREO PORTABLE PHONO



- Completely Transistorized
- Garrard Automatic Intermix Changer
- 4 Speakers
- 4 Controls
- Diamond Stylus
- Drop-Lid Construction
- Detachable Wings
- Superb Tone
- 45 RPM Spindle

Here is Lafayette's finest portable stereo phono with tone quality that will delight you. The powerful 8-transistor amplifier circuit includes 4 power transistors that feed into 2 dual-speaker systems. Each detachable wing has a wide-range 6-inch alnico PM speaker with extra heavy (2.15 oz.) magnet to cover the low and mid-frequencies and a 4-inch PM speaker for the upper mid and high frequencies. Each wing has a 6-ft. extension cable. Each channel has its own tone and volume controls to enable you to adjust for the exact stereo effect that meets your own personal taste. Wide-range turnover cartridge is equipped with a diamond stylus for LP and stereo records and a synthetic (superior to natural) sapphire stylus for standard 78 RPM records. The Garrard record changer will handle all sizes and all speeds of both stereo and monaural records and will intermix different sizes of the same speed. Contains on-off and reject switch. Motor stops and arm returns to rest automatically after last record. Housed in beautifully styled all-wood case with charcoal gray covering and fine white beading. Silver and gray speaker grilles contrast just enough with the case to make its appearance a delight to the eye. Modern drop-lid construction adds to styling and convenience. 45 rpm automatic spindle included. Size (closed): 23 $\frac{1}{2}$ "Wx15Hx9 $\frac{1}{2}$ "D. For 110-120 volts, 60 cps AC. Shpg. wt., 27 lbs. **PN-183WX** Net 99.50

LAFAYETTE'S NEW "decor-ette" HIGH FIDELITY STEREO AUTOMATIC PHONO



*An Outstanding Combination
of Beauty, Styling and Performance*

Lafayette is especially proud of this modern streamlined beauty that solves the problem of combining fine music reproduction with good furniture styling and minimum space requirements. Only 16 $\frac{1}{2}$ " high, it is constructed of kiln dried $\frac{3}{4}$ " plywood with fine walnut finish. The top has a special permanent mar-resistant surface which both brings out the beauty of the wood grain with a dull satin finish and is resistant to impacts, boiling water, heat, ink stains, juices, alcohol, crayons, etc. You can use it for a coffee table, for placing ash trays, etc. without any fear of damage. It is designed for placement anywhere. Attractive gold grille cloth wrap-around motif is extended from front to rear of unit. Acoustically designed speaker compartments project sound from both front and rear for maximum music enjoyment at any angle. Each speaker compartment contains a heavy-duty, wide-range alnico V PM speaker. Pull-out drawer in center houses a British BSR high fidelity automatic record changer with 4-pole motor. Plays all sizes and all speeds of both stereo and monaural records. Motor turns off and arm returns to rest after last record. Controls include on-off and reject switch on changer, master tone, master volume and balance. Turnover cartridge with dual synthetic (superior to natural) sapphire styl. Amplifier section circuitry employs 3 tubes plus a silicon rectifier and delivers 6 watts of peak audio power — more power than you'll need in any living room. For 110-120 volts, 60 cps AC. Overall size: 47Wx16 $\frac{1}{2}$ Hx16 $\frac{1}{2}$ D. Shpg. wt., 60 lbs. **PN-175WX** Net 99.50



PORTABLE CONSOLETTA AUTOMATIC HI-FI STEREO PHONOGRAPH



Strikingly beautiful in appearance and cleverly styled to use as either a portable or consolette, this phonograph will give you outstanding reproduction of the tonal ranges on your records. The 3-speaker system with its electrical crossover distributes the tones to the proper speakers to give you full rich sound. Wings may be left in place for monaural records or separated up to 12 ft. from main cabinet to get wide dispersion of monaural sound and full effect of stereo records. 20 watts power to spare for all requirements. Plays all sizes and speeds and intermixes all sizes of same speed. Separate master bass and treble controls, master loudness control and balance control enable you to vary reproduction to suit your own taste and to balance the stereo effect for the fullest possible enjoyment. The wide-range turn-over cartridge is of heat and moisture-resistant ceramic equipped with both diamond L.P. stylus and synthetic (better than natural) sapphire stylus for 78's. Included also is a 45 RPM spindle so you can stack 14 of these records without the bother of inserting chucks in each record. Finished in beautiful Bavarian black with Elite grey banding. Comes without legs which are optional and are listed below. Size (closed) 25Wx19¼Dx9¾"H. Each wing 14Wx4½Dx9¾"H. For 110-120 volts 60 cycles AC. Underwriters Laboratories Approved. Shpg. wt., 40 lbs.

PH-185WX

Net 109.00

OPTIONAL LEGS

Conso-Legs are tapered and finished in brushed chrome to complement design of cabinet. Easily screw into underside, eliminating need for table or stand. Legs add 16" to height. Shpg. wt., (set of 4) 5 lbs.

PH-186W (set of 4 legs)

Net 6.50



STEREO-MONAUURAL CHANGER

Plays all sizes, all speeds, intermixes sizes of same speeds. Automatic shut-off and return to neutral. Heavy duty motor, positive drive. Mounted for vibration free operation.



AMPLIFIER AND CONTROLS

Separate AC amplifier for each channel stacked on one chassis. Range 30-20,000 cps. The low ranges are electronically separated to center speaker. Total peak power 20 watts. 4 controls: master bass, master treble, loudness and balance.



SPEAKER SYSTEM

Three speakers. One 8" in main cabinet covers low range tones. Each detachable wing with 12-ft. extension cable has 2-way 6" speaker with 1¼" whizzer for medium and high ranges.



AUTOMATIC 45 SPINDLE

Slacks 14-45 RPM records. Eliminates need for individual chucks.



CERAMIC-DIAMOND CARTRIDGE

Long-life ceramic wide range. Turnover with diamond L.P. stylus and synthetic (better than natural) sapphire for 78's.

109.00

NO MONEY DOWN

See Page 412

\$6 monthly

Portable-Consolette Complete Hi-Fi Music Center



FM-AM RADIO FM STEREO RADIO STEREO-MONAUURAL PHONO

Here, all in one fabulous, beautifully styled unit is everything for complete home enjoyment of radio and records. Sensitive receiver covers standard AM broadcasts (540-1600 KC) as well as standard and multiplex (stereo) FM (88-108 MC). Has stereo separation switch for multiplex broadcasts. AFC circuit for locking in standard FM broadcasts to prevent drifting. The two AC amplifiers have a total peak power output of 20 watts and cover a range of 30-20,000 cycles. The automatic record changer plays all sizes, all speeds of both monaural and stereo records, intermixing all sizes of the same speed. After last record, motor shuts off and arm returns automatically to rest. Heavy-duty motor system is housed in the detachable wings, each of which has a 12-ft. cable for easy placement of the speakers for best effect. Each wing measures 13¼Wx50x8½"H and contains an 8" speaker for reproduction of the low and midrange notes and a 4" high frequency tweeter for the upper ranges. The ceramic cartridge is heat and moisture-resistant and is the turnover type equipped with a diamond stylus for L.P.'s and a synthetic (better than natural) sapphire for 78's. Included also is a 45 RPM spindle so you can stack up to 14 of these records without the need of inserting chucks in each record. The attractive cabinet is finished in textured tweed effect in Midnight Grey, trimmed in Capri Grey and highlighted with smart metallic tite that accentuates the beautiful control panel. Comes without legs which are optional and are listed below. Size (closed), 25½Wx22½Dx10¾"H. For 110-120V 60 cycle A.C. Underwriters Laboratories Approved. Shpg. wt., 45 lbs.

PH-187WX

Net 169.95

OPTIONAL LEGS

Tapered, finished in satin chrome to complement design of cabinet. Easily screw into underside eliminating need for table or stand. Add 16" to height. Shpg. wt., (set of 4) 5 lbs.

PH-186W (set of 4 legs)

Net 6.50

169.95

NO MONEY DOWN

See Page 412

\$9 monthly



THE RADIO

Receives every type of radio broadcast: standard AM, standard FM, FM multiplex (stereo FM). AFC circuit prevents drift.



STEREO-MONAUURAL CHANGER

Plays all sizes, all speeds, intermixes sizes of same speed. Automatic motor shut-off and return to neutral. Heavy-duty motor, positive drive, mounted for vibration-free operation.



AMPLIFIER AND CONTROLS

Separate A.C. amplifier for each channel stacked on one chassis. Range 30-20,000 cps. Total peak power 20 watts. 8 controls include master dual bass, master dual treble, master dual loudness, balance, FM stereo separation/AFC on-off, and tuning and on-off controls.



AUTOMATIC 45 SPINDLE

Slacks 14-45 RPM records. Eliminates need for individual chucks.



CERAMIC-DIAMOND CARTRIDGE

Long-life wide-range ceramic cartridge with diamond L.P. stylus and synthetic (better than natural) sapphire for 78's.



SPEAKER SYSTEM

Four speakers. Each detachable wing with 12-ft. cable has heavy duty 8" to cover bass and mid-range plus 4" high frequency tweeter.

NATIONALLY FAMOUS RECORD PLAYING EQUIPMENT

PORTABLE AUTOMATIC STEREO PHONO

- Decorator Drop-Lid Design
- 4 Speaker System
- 4 Controls
- Diamond Stylus
- Automatic Changer
- Compatible-Plays Stereo and Monaural

A beautifully designed hi-fidelity portable that automatically plays all sizes and speeds of both stereo and monaural records and intermixes all sizes of the same speed. After last record motor shuts off and arm returns to rest automatically. Main cabinet and the detachable wing each contain a 5 1/4" P.M. speaker with 1 1/2" whizzer cone and a 4" P.M. speaker. The wing measures 14 3/8x7 1/4x8 7/8" D and has 12-ft. of cable. Each set of speaker is served by its own amplifier section with a frequency response of 50 to 16,000 cps. Total peak power is 7 watts. System has 4 controls: master dual bass, master dual treble, master dual loudness and a balance control. Long-life, heat and moisture-resistant ceramic cartridge is turnover type equipped with a diamond stylus for L.P. records and a synthetic (better than natural) sapphire stylus for 78's. Included is a 45 RPM adapter so you can stack these records without the bother of inserting chucks in each record. The cabinet is covered in a metallic grey, accented with silver knobs and silver trim. Size 29 1/2"x8 7/8"x14 3/4" H. For 110-120 V 60 cycle AC. U.L. Approved. Shpg. wt., 39 lbs. PH-189WX Net 78.25

DETACHABLE SPEAKER SYSTEM

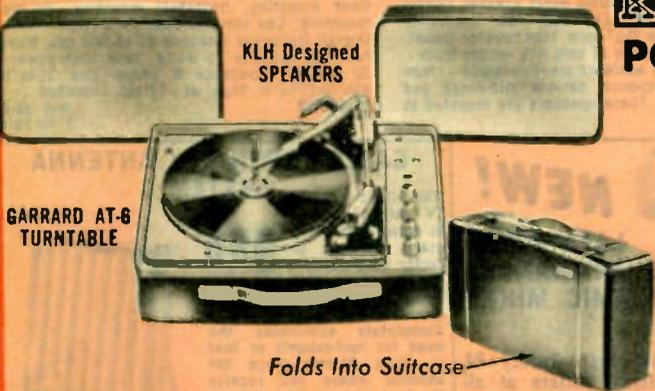


78²⁵
NO MONEY DOWN
\$5 monthly
SEE PAGE 412

KLH MODEL 11 TRANSISTORIZED PORTABLE STEREO PHONOGRAPH

- Garrard AT6 Automatic Turntable
- 15-Watt Transistor Amplifier
- Pickering Hi-Fi Diamond Cartridge
- KLH Designed Speakers

Typical of KLH quality, this cleverly designed stereo phono folds up into a self-contained suitcase for easy portability. Famous name components include the Garrard AT6 automatic turntable, the Pickering hi-fi cartridge with diamond stylus and, of course, KLH designed speakers. Changer plays all sizes and speeds. The circuit is fully transistorized with a 12-transistor amplifier that delivers 7 1/2 watts to each channel. Cable included to place speakers for any room requirement up to 25 ft. from main cabinet. Has inputs and switches for stereo tuner or tape and bass, treble, volume and balance controls. Scuff-proof vinyl-clad case is 7x24x14". Speakers are 24x14x7". Pleasing gray decor with aluminum trim. For 110-120 V. 60 cycle AC. Shpg. wt., 31 lbs. PH-179WX Net 199.00



KOSS PERSONAL LISTENER

High Fidelity Quality Plus Personal Listening



Koss, world famous for the quality of their stereo headsets, have now combined them with a quality record player to give you complete high fidelity reproduction in complete privacy. You can listen without disturbing the rest of the household. For either stereo or monaural listening, you get "clear as a bell" sound. The 4-speed turntable has a quiet, efficient 4-pole motor and plays all sizes and speeds of both stereo and monaural records. Has automatic shut-off. Ceramic turnover cartridge has a diamond stylus for LP's and synthetic (better than natural) sapphire for 78's. Comes with a pair of Koss Stereophones with a range of 30-15,000 cps. Extremely comfortable to wear, light yet rugged. The Personal Listener has an extra jack to plug in an additional set of phones. Each channel has its own volume control. On-off switch on front of cabinet. Walnut finish cabinet. Entire unit and phones comes in handsome brown carrying case with gold beading. Record player may be removed from carrying case. Size record player, 12 1/2x8 1/4x5 1/4" H. Carrying case 21 1/2x13 1/2x6" For 110-120V 60 cycle AC. Shpg. wt., 22 lbs. PH-181WX Net 110.00

PERPETUUM EBNER REX 660 PORTABLE STEREO AUTOMATIC PHONO

2 SPEAKERS IN EACH WING

2 SPEAKERS IN EACH WING

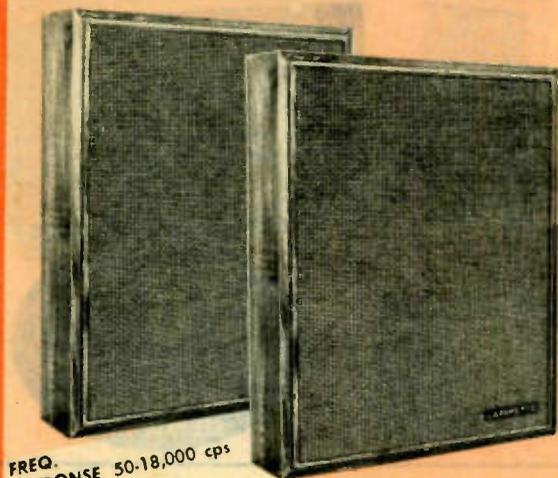


Console realism in portable dimensions, this fine phono incorporates a 2-channel amplifier with a wattage rating of 20 watts and covers the frequency range from 20-16,000 cps insuring full enjoyment of your record library. Each wing contains 2 speakers, a woofer-midrange and a tweeter. The cartridge is a duplo-stereo with a diamond stylus for LP's and a synthetic sapphire for 78's. Has four controls: master dual volume with on/off switch, master dual bass, master treble and balance. The Perpetuum Ebner PE66 automatic record changer plays all sizes and speeds of both stereo and monaural records and intermixes of the same speed. Motor cuts off and arm returns to rest after last record. Has reject, start switch. The entire unit fits together in a convenient carrying case measuring 22 1/2x16 1/4x8". Finished in attractive silver textured grey and white. Wing size 13 3/4x4 1/2x6 7/8" W, finished in grey. Made in West Germany. For 110-120V 60 cycles AC. Shpg. wt., 30 lbs. PH-184WX Net 124.50

LAST MINUTE RELEASES

For Vertical or Horizontal Mounting

NEW! LAFAYETTE "Decor-ette V" SLIM SPEAKER SYSTEM



FREQ. RESPONSE 50-18,000 cps
POWER HANDLING CAPACITY
 continuous 15 watts.
 peak load power—30 watts
 Impedance—8 ohms

A superbly styled oil walnut veneer enclosure with magnificent walnut picture frame molding, bordering a fine decorative Cane Grill

ONLY

39⁹⁵

NO MONEY DOWN

2 for 7850



4 Specially Engineered 6½ inch Low Resistance Speakers — 1 2½ inch Cone Type Tweeter designed to achieve optimum performance in a new type audio-panel enclosure of only 4¼ inches thickness.

ONE OF THE FINEST SPEAKER SYSTEMS WE HAVE EVER OFFERED

Lafayette is proud to offer a new dazzling 5-speaker system—magnificently styled and engineered. The new "Decorette V" incorporates a specially designed audio panel speaker system consisting of four 6½ inch low resonance speakers, and one 2½" cone type tweeter mounted in a flat enclosure of only 4¼ inches thickness. The results achieved are remarkable—clean natural bass response, smooth mid-range and pure, rich highs. These speakers are mounted in

a superbly styled oil walnut veneer enclosure with magnificent walnut picture frame molding, bordering a fine decorative cane grill. Ideal for floor mounting, bookshelf mounting, or wall mounting. Can even be used as a room divider. Overall frequency response 50-18,000 cps, Power handling capacity 15 watts, peak load power—30 watts. Impedance 8 ohms—size 21¾"Hx 44"Dx17¾"W. Shpg. wt., 17 lbs. Imported SK-300WX

Net 39.95
2 for 78.50

NEW LAFAYETTE GENERAL PURPOSE DYNAMIC MICROPHONE

• A Hi-Fidelity Omni-directional Microphone For Recording, Radio Broadcasting, and PA Applications



9⁹⁵

Lafayette is proud to offer a high quality omni-directional dynamic microphone at such an unusually low price. Beautifully styled in a chrome-plated diecast frame that is equipped with an on-off switch. Specifically designed for recording, radio broadcasting, and public address applications. Features a "pop-proof" and "blast-proof" mylar diaphragm, and superior anti-feedback properties. Frequency response 100-10,000 cps—Sensitivity 30K at 60 db, 600 ohms at —70 db. Shpg. wt., 2 lbs. Imported PA-408

Net 9.95

1195



NEW!

LAFAYETTE DUAL IMPEDANCE DYNAMIC MIKE

• Designed Specifically for High Quality PA Applications • Omni-directional pattern at all frequencies

A superb new Lafayette dual impedance, omni-directional dynamic microphone at a remarkable low, low price. Designed for high quality PA applications. Superior anti-feedback properties. Allows close talking without boom or bass accentuation. Features pop-proof wire mesh grille. Special filter minimizes wind effect. Attractive chrome plated frame of modern design. Equipped with on-off switch. Freq. Response 100-10,000 cps. Sensitivity—30K at —60 db. Mylar diaphragm for "pop" and "blast" proofing. Dual impedance: may be shifted from high impedance to 250 ohm low impedance by means of a cable connection. Shpg. wt., 2 lbs. Imported PA-409

Net 11.95

GALLO "TWIN" TV ANTENNA SYSTEM

The Gallo "Twin" TV antenna system is actually two separate antennas directly coupled to a common feed line. Designed for use in crowded metropolitan areas. Completely eliminates the need for roof-mounts or lead in wires. Merely place the antenna where you receive the best pictures and you are assured of sterling performance. Size: 7"x9"x1". Shpg. wt., 3 lbs.

995



Net 9.95

GALLO COLOR MASTER TV-FM ANTENNA SYSTEM

2995

A complete indoor color or black and white TV and FM antenna system. Strong signals are produced by the twin antenna system and high gain, fully-transistorized amplifier. Completely non-directional, receives all stations in an area equally well regardless of direction from receiving set. Factory-tuned to reject annoying noise and interference. Completely portable; readily moved from room to room, easy to take on trips or vacations for wonderful TV or FM reception wherever you go. Shpg. wt., 3 lbs.



Net 29.95

"MITY-AMP" POWERFUL 2-WATT AUDIO AMPLIFIER MODULE



845

With Applications Booklet and Schematics

• For Monaural, Stereo, Intercom, P.A., Signal Tracer, etc. • Full 2 Watt Power • Ruggedly Constructed & Completely Encapsulated

Specifically designed to offer compactness, ruggedness, versatility and quality. Adaptable to hundreds of audio applications. Full 2 watt power yet fits in the palm of your hand. Completely encapsulated in high quality epoxy—will not be affected by high humidity or salt content in air; water-proof and shock-proof. Frequency Response: 20 cycles to 15KC ± 2 db at 1 watt. Input Impedance: 45 ohms to 50K ohms; Output Impedance: 3.2 ohms to 45 ohms; Power Requirements: 6 to 12 volts at 300 to 700ma. Overall 2x3½x7½". Shpg. wt., 10 oz. PK-638

Net 8.45

POCKET AC-DC VOM

OUR LOW, LOW PRICE

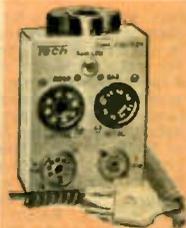
495



• Extremely Compact, Measures Only 37/8x21/8x1". Weighs 5 Ozs. • 1,000 Ohms Per Volt Sensitivity • Completely Wired • 1% Precision Resistors • Reads: 0-1000 Volts AC-DC, 0-100KΩ, 0-150 MA Lafayette's new, pocket multimeter features small physical size, and a wide selection of useful ranges. It can be used for trouble-shooting any type of electronic circuits or electrical appliances such as irons, lamps, radios, television, hi-fi equipment, etc. 1000 ohms per volt sensitivity, and 1% precision resistor components assure accurate, precise readings. Operation is extremely easy, no switching or fidgeting required. Ranges Volts: 0-15-150-1000 AC and DC. Ohms: 0-100K; MA 0-150. The VOM comes completely wired and tested, and is enclosed in durable plastic case. All accessories including battery are rubber insulated, color coded, flexible test leads are supplied. Imported. TE-13 AC POCKET VOM. Shpg. wt., 1 lb. Net 4.95

FILAMENT CONTINUITY TUBE CHECKER

Small and compact as a cigarette box. Quickly checks filament continuity in a matter of seconds. Ideal for the serviceman or the technician working in the field. Tests filaments of radio, TV picture tubes. Also can be used to test many other electrical devices and line cords, fuses, lamps and bulbs. Has sockets for TV picture tube and local, octal, 9-pin, as well as 7-pin sockets. Provided with two test leads. Grey hammer-tone finish. Size: 4x31/2". Shpg. wt., 12 oz. TE-11 Imported



169

Net 1.85

16-TRANSISTOR FM-AM 6-BAND PORTABLE RADIO



99⁹⁵

6 BANDS: 150-300 KC; 4-10 MC;
540-1600 KC; 9-22 MC;
1.6-4 MC; 88-108 MC.

- 6-Band Slide Rule Dial
- Includes: FM, Navigation, Shortwave Bands
- Push-Button Band Switches
- Tuning/Battery Strength Meter
- Electronic Fine Tuning
- World Time Zone Map
- Direction Finder
- 3 Antennas

A real powerful performer for all around use on land or sea! Extremely sensitive circuit contains 16 transistors and seven diodes. 6 bands tune: Navigation Band (150-300 KC); Standard broadcast (540-1600 KC); marine band (1.6-4 MC) 2 short-wave bands (4-22 MC) and FM band (88-108 MC). Some of this radio's outstanding features include fast push-button band selection; push-button pilot lamp, illuminates dial at night; electrical bandspread fine tuning for precise station selection and a station tuning meter which also indicates battery strength. The cover has a world time zone and a booklet is enclosed with listings of shortwave stations throughout the world. A handy feature for marine use is a built-in compass point indicator which helps locate your position at sea as a radio direction finder. Two oval 2 3/4"x4" speakers in a sturdy, luxurious genuine cowhide cabinet provides full rich tone. AFC eliminates drift on FM. Sensitivity is increased by 2 telescoping dipole antennas. 2 earphone jacks and earphones supplied. Uses 4 economical flashlight batteries for power (supplied). Size 12Wx9 1/2"Hx4 1/2"D. Shpg. wt., 18 lbs. Imported.

FS-276WX Net 99.95
BA-157 Extra batteries. Uses 4, Wt., 3 oz. Net .13

14-TRANSISTOR FM-AM SHORTWAVE 3-BAND PORTABLE



- Tunes: 590-1600KC, 3.5-10MC, 88-108MC
- Operates as an Audio Amplifier
- Effective Automatic Frequency Control
- Operates up to 1,000 Hours

A superb, hi-quality portable radio receiver that does the job of several separate units. First, not only does it perform as a radio, but it will also operate as an audio amplifier for you to play your records through! Efficient and excellent tone is accomplished by the complete elimination of audio output transformers and by the output transistor-coupled into a large loudspeaker. Second, in its use as a radio receiver. Incorporated are three antennas (built-in ferrite rod for AM, and a built-in 2-piece telescopic balanced type for FM) to really pull in the weak stations. The receiver will pull in foreign, amateurs, ships, planes, etc. on the 3.7-10MC short wave band. To facilitate this "pulling-in" of weak stations, 14 transistors PLUS 5 diodes are used in advanced circuitry. Incorporated into the overall circuit are frequency control circuits which assure drift-free, stable operation on both AM and FM bands. A large, easy-to-read slide-rule type tuning indicator (tuning ratio of 12:1) makes positive dial setting a simple matter. The unit will operate up to 1,000 hours on the four, economical "D" size flashlight cells.

Specs: Frequency coverage: 3 bands — 540-1600KC (Standard Broadcast), 3.5-10MC (shortwave), and 88-108MC (FM). Loudspeaker: 4x6 in. PM; Battery: 6V "D" cell (4 required); Outputs: two for earphones; Inputs: one for phono-pick-up use and one for multiplex adapter for stereophonic use. Size: 7.4Hx11Wx3.4"D. Case covered with beautiful vinyl leather. Shpg. wt., 7 lbs. Imported.

FS-140 Net 54.50
BA-157 "D" Cells for above (4 required) Net ea. .13

"TENSTAR" 10-TRANSISTOR PORTABLE RADIO

WHEN ONLY THE BEST WILL DO!
Carrying Case



- 10 Perfectly Matched Transistors, 2 Diodes, 1 Thermistor
- Powerful Performance — Dversize Ferrite Antenna
- Big Set Tone — 2 3/4" Speaker Acoustically matched and Balanced
- Batteries, Earphone, Leather Case Included

A remarkable achievement in compact design. 10 transistors and 2 diodes provide brilliant performance — for your listening pleasure. This means more stations, greater selectivity and sensitivity. Large, dynamic 2 3/4" speaker gives you big tone, indoors, outdoors — wherever you go. Plays for hours on 4 penlite cells carefully encased to protect set against battery acid corrosion. Fine quality leather cases are included for the radio and separate earphone. Two controls for simplicity: volume-off and Tune. Easy-to-read vertical slide rule dial. Complete with batteries and earphone. Size: 3 1/4"Hx6 1/2"Wx1 3/4"D. Imported.

FS-129L Shpg. wt., 1.5 lbs. Net 19.95
BA-155 (4 required) Net ea. .13

NEW! 10-TRANSISTOR De LUXE PORTABLE RADIO

- More Pulling Power — Better Sensitivity — Clearer Reception
- Big 2 1/2" Dynamic Speaker for True Tonal Quality
- 10 Transistors, 2 Diodes
- Super-Sensitive Compact Portable
- Built-in Antenna
- Complete with Leather Carrying Case with Strap, Magnetic Earphone, Batteries



Lafayette combines compactness, power and long-distance reception to give you hours of AM listening pleasure everywhere you go. The big 2 1/2" permanent dynamic speaker offers fine tonal quality and faithfully reproduces sound of music and voices. 10 transistors and 2 diodes give you power to spare, 100 MW undistorted audio output. Built-in ferrite core antenna brings in the weaker stations. Plays on 2 inexpensive penlight batteries (included). Earphone jack with earphone for private listening. Complete with leather carrying case, 2 batteries, and earphone. Size: 6x3 1/4x1 3/8". Imported

FS-284L Shpg. wt., 2 lbs. Net 15.95
BA-155 Replacement Penlight Batteries (2 required) Net ea. .13

"Symphony" OUR DELUXE SUPER SENSITIVE FM/AM TABLE RADIO



\$5 monthly

27⁵⁰

NO DOWN MONEY

3-GANG TUNING with RF STAGE FOR EXCEPTIONAL SENSITIVITY AND SELECTIVITY

- Automatic Frequency Control
- 10-Tube Performance
- Built-in Hi-Q Antenna • Provision for Extension Speaker • Balanced 300-ohm Antenna Input Terminal
- Shielded to Meet FCC Radiation Requirements

The Lafayette "Symphony" is a complete AM/FM table model radio. Incorporating features found only in more expensive units, it brings the luxury of FM reception right to your fingertips. Improved AFC Action — by capacity variable diode, locks in stations and assures drift-free operation. Automatic Volume Control softens any sudden blasts of volume and makes tuning stations of different levels a cinch. A super-sensitive AM antenna brings in stations clearly while reducing unwanted noise. An FM wire antenna assures all benefits of clear pure reception. Built-in input terminals for external 300-ohm FM antenna. The 4" PM speaker produces rich sound from low to high range to enhance your music-listening pleasure. A stylish polished plastic cabinet in distinctive black and white has an easy-to-read slide rule dial with an on-off neon indicator light. Contains 6 tubes, 1 varicap, 2 diode detectors and 1 silicon diode rectifier. An output jack on the rear of the radio permits simple plug-in connection of an extension speaker. For 110-120 volts, 60 cps AC or DC. Size: 10Wx5Dx5½"H. Imported FS-221A Shpg. wt., 5 lbs. Net 27.50

Lafayette FM/AM/CLOCK RADIO

- Automatic Telechron Clock • Wake-to-Music Plus Alarm
- Sleep-Switch; Lulls you to Sleep • 600-Watt Appliance Outlet

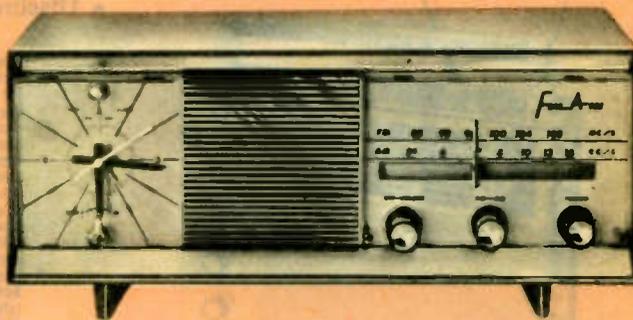
NO MONEY DOWN

39⁹⁵

\$5 monthly

Combines a fully automatic Telechron clock with luminous hands and a superb FM/AM broadcast radio. Handy sleep-switch permits you to slowly drift-off to dreamland while the radio shuts itself off at a preset time. A buzzer alarm is included. In addition to a standard AM broadcast radio, a quality FM radio with AFC will expand your listening pleasure; has a 600-watt appliance outlet — useful to turn on the coffee pot, light, etc. Slide rule dial for easier tuning. Beautiful low boy plastic cabinet in antique white with gold trim. Tubes: 50C5, 12AU6, 12AL5, 12BA6, 12BE6, 17EW8 plus selenium rectifier. Size 14½Wx6¼Hx6"D. For 110-120 volts, 60 cps AC only. Imported FS-239 Shpg. wt., 8 lbs. Net 39.95

Completely Automatic!



LAFAYETTE AM TABLE RADIO

With BIG SET POWER Fine, Full Tone



- Powerful Circuit
- Efficient Printed Circuit Chassis
- Long Range, HI-Q Ferrite Antenna
- Electrical Safety Interlock, UL Power Cord

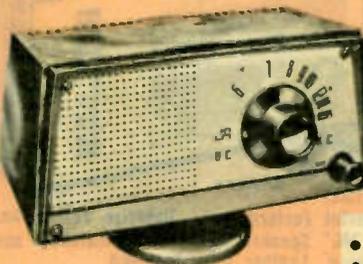
Highly Sensitive

8⁹⁵

Double your listening pleasure by adding this as a "second" set in your home. Gives big set performance. Dependable built-in HI-Q Ferrite antenna provides exceptional reception even in difficult reception areas. A 3½" permanent dynamic speaker produces rich, full room tone. Sensitive direct drive tuning dial makes it easy to tune in your favorite AM programs. Convenient on/off volume control. Attractive impact case will not chip, crack or fade under normal conditions. Back completely enclosed with addition of safety interlock to prevent shock hazard. Convenient size — contemporary design. Tubes: 12BE6, 12BA6, 12AV6, 50C5, plus 35W4 rectifier. Measures only 8Wx4¼Hx3½"D. For 105-120 volts AC or DC. Shpg. wt., 2½ lbs. Imported FS-254 Net 8.95

"CONTEMPORARY" AC/DC RADIO

Distinctive Style — High Quality — Low Price



9⁹⁵

- Advanced Handwired Chassis
- Fingertip Tuning
- Electrical Safety Interlock

An excellent radio — engineered and styled to last. Petite, contemporary design maintains clean, good looks and peak performance. HI-Q ferrite rod antenna pulls in more distant AM stations. 3½" PM speaker, properly baffled in a sturdy, vented cabinet for clear tonal quality. Muted colors to match any color-scheme; gold trim. Pedestal base swivels for sound and reception directivity. Cabinet measures 8½x4¼x4" overall. Tubes: 50C5, 12AV6, 12BA6, 12BE6, plus 35W4 rectifier. For 110-120 volts AC or DC. Shpg. wt., 3 lbs. Imported. FS-233 Net 9.95

TRANSISTOR RADIOS WITH SUPERIOR TONE QUALITY FOR GREATER LISTENING PLEASURE

"TINY" 6-TRANSISTOR AM POCKET RADIO

SENSATIONAL "PULL-IN" POWER



AMAZING
LOW
PRICE!

6⁸⁸

... Clean, Crisp Tone

- Sensitive Superheterodyne Circuit
- Vest Pocket Size—A Triumph in Miniaturization
- Automatic Volume Control
- Built-In High-Gain Ferrite Antenna
- Economical—Uses Only One Battery



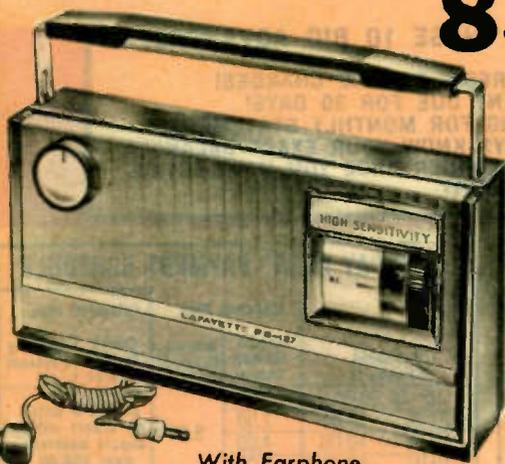
Engineered and constructed with the jewel-like precision of a fine watch, this handsome pocket radio is a triumph in miniaturization—yet has "pull-in" power and sound quality that will amaze you. Uses 6 transistors in a sensitive superhet circuit with push-pull audio for clean, crisp tone. AVC circuit eliminates blasting or fading. Employs trouble-free printed circuit and requires only one long-life 9-volt battery for dependable, economical performance. Attractively styled in high-impact plastic

case. Measures only 4½x2¾x1½" thick and weighs a mere 8 ounces—slips easily into pocket or purse. Supplied complete with soft-leather carrying case, earphone for private listening, and 9-volt battery... all at an unbelievably low price! Imported.
FS-281L "Tiny" 6-transistor Pocket Radio.
 Shpg. wt., 2 lbs. Net 6.88
 Extra Battery for FS-281L (1 required). Net .21
 BA-2 Shpg. wt., 2 oz.

Ideal For Beach, Patio, Camping, Traveling

LAFAYETTE "BEACH-MATE" 8-TRANSISTOR AM PORTABLE RADIO

HAS CLEAR, FULL TONE FOR ENJOYABLE LISTENING... INDOORS OR OUTDOORS



With Earphone

ONLY
17⁵⁰

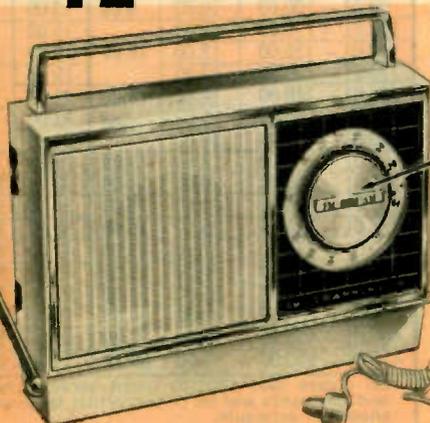
- 8 Transistors, 2 Diodes, 1 Thermistor
- 3½" Full-Tone Speaker
- AVC Stops Fading or Blasting
- Precision Vernier Tuning



A handsomely styled portable AM radio for outstanding reception indoors or outdoors. Offers big, clear sound—even in crowded beach areas. Sensitive Superhet circuit with high-gain ferrite antenna uses 8 transistors, 2 diodes and 1 thermistor for real "pull-in" power. AVC circuit prevents fading or blasting sound when position of radio is changed. 3½" full-tone speaker and 3 audio stages provide faithful reproduction—sound is never muffled or distorted. Also equipped with two earphone jacks for private listening, convenient thumb-wheel control for precision vernier tuning, volume on/off control, and retractable carrying handle. Housed in high-impact plastic case. Supplied complete with 4 "C" cells and earphone. Size: 8¾x4¾x2½"D. Shpg. wt., 3½ lbs. Imported.
FS-137L Net 17.50
 Extra "C" Batteries (uses 4) Shpg. wt., 2 oz.
 BA-156 Net ea. .13

12-TRANSISTOR FM-AM PORTABLE RADIO

TUNES IN HI-FI FM BROADCASTS AND STANDARD AM... DELIVERS "BIG-SET" SOUND



Receives Static-Free FM and Standard AM Broadcasts

- 12 Transistors, 5 Diodes, 1 Thermistor
- Full-Range Tone Control

COMPLETE WITH BATTERIES AND EARPHONE

ONLY
39⁹⁵
No Money
\$5 monthly

A really deluxe portable FM and AM radio with rich, "big-set" sound. Ideal for use in the home or outdoors—take it wherever you go and enjoy the utmost in listening pleasure. Uses 12 transistors, 5 diodes and 1 thermistor in a superhet circuit for superior reception. Equipped with hi-gain Ferrite antenna for AM, and telescoping whip antenna for FM. Has special AFC circuit to minimize drifting on FM. Heavy-duty 3½" speaker and full-range tone control assure superior sound quality. Beautifully styled in ivory and black with chrome trim. High-impact plastic case has chrome carrying handle. Uses four inexpensive "C" batteries (supplied), and has earphone supplied for private listening. Size: 8½x7¼x2½"D. Shpg. wt., 4 lbs. Imported.
FS-138L 39.95
 Extra "C" Batteries (uses 4) Shpg. wt., ea. 2 oz.
 BA-156 Net ea. .13

LAFAYETTE'S 3-IN-1 EASY PAY CREDIT PLAN

makes it easier for you to buy now!

NO MONEY DOWN

Up To 24 Months To Pay As Little As \$5.00 Per Month

CHOOSE THE PLAN THAT SUITS YOU BEST:

1. **REGULAR PLAN**—NO Money Down! Monthly payments as low as \$5!
2. **E-X-T-E-N-D-E-D PLAN**—No Money Down! Up to 24 months to pay!
3. **ALTERNATE 60-DAY PLAN**—No credit service charge. Select the Regular or Extended Plan. Make your first payment within 30 days as scheduled. Pay the full balance, if any remains, within 60 days of shipment and you automatically convert to the Alternate 60-Day Plan and **SAVE THE ENTIRE SERVICE CHARGE.**

OPEN A LAFAYETTE EASY-PAY ACCOUNT AND ENJOY THESE 10 BIG ADVANTAGES!

- | | |
|---|--|
| 1. EASIER TO ORDER! | 6. LOWEST CREDIT SERVICE CHARGES! |
| 2. NO DOWN PAYMENT! | 7. NO PAYMENT DUE FOR 30 DAYS! |
| 3. ONE LOW MONTHLY PAYMENT! | 8. NO WAITING FOR MONTHLY STATEMENTS! |
| 4. ADD-ON PURCHASES AT ANY TIME! | 9. YOU ALWAYS KNOW YOUR EXACT BALANCE! |
| 5. UP TO 24 MONTHS TO PAY! | 10. EASY TO REORDER ONCE YOU HAVE ESTABLISHED CREDIT! |

Here's How To Open Your Easy Pay Account

Use the regular Lafayette order blank (more will be supplied upon request). Complete both sides of the form carefully, following the step-by-step instructions and illustration. Accuracy will speed handling of the form from the moment of receipt and permit immediate shipment upon approval of credit. Be sure to sign the agreement and indicate which Easy-Pay Plan you prefer — the liberal Regular or special Extended.

For both Plans, minimum order is \$20 and first instalment is not due until 30 days after shipment.

No Credit Service Charge for the alternate 60-Day Plan. For the Regular and Extended Plans, you are privileged to prepay the balance in full at any time to obtain a partial rebate of normal credit service charges.

Easy-Pay privileges are available to qualifying U.S. citizens or residents of all 50 States, Puerto Rico, Canada, and U.S. territories having comparable postal and express facilities. Any responsible individual over 21 years old with a steady source of income can apply.

"DOLLAR POWER PLUS"

You Get "DOLLAR POWER PLUS" with Lafayette's 3-IN-1 Easy-Pay Plan. One Low Monthly Payment Buys More For You.

Monthly Payments FOR ONLY	Unpaid Balance (Total amount less down payment - if any) YOU CAN BUY UP TO
\$ 5	\$100.00
6	120.00
7	140.00
8	160.00
9	180.00
10	200.00
11	225.00
12	250.00
14	275.00
15	300.00
17	350.00
19	400.00
22	450.00
24	500.00

For monthly payments on balances over \$500, please write us.

"EASY PAY PLAN" PAYMENT SCHEDULE

If Unpaid Balance Is	Standard Plan		Extended Plan	
	Credit Service Charge	Monthly Payment	Credit Service Charge	Monthly Payment
UP to 20.00	2.00	5.00	Available only on orders with unpaid balances over \$50.00	
20.01 - 30.00	2.00			
30.01 - 40.00	4.00			
40.01 - 50.00	5.00			
50.01 - 60.00	6.00	6.00	7.00	5.00
60.01 - 70.00	7.00	7.00	8.00	
70.01 - 80.00	8.00	8.00	9.00	
80.01 - 90.00	9.00	8.00	11.00	
90.01 - 100.00	10.00	9.00	13.00	6.00
100.01 - 110.00	11.00	10.00	15.00	
110.01 - 120.00	12.00		17.00	
120.01 - 130.00	13.00		19.00	
130.01 - 140.00	14.00		11.00	21.00	7.00
140.01 - 150.00	15.00	12.00	23.00	
150.01 - 160.00	16.00	12.00	24.00	
160.01 - 180.00	18.00		13.00	27.00
180.01 - 200.00	20.00		14.00	30.00
200.01 - 225.00	22.50		15.00	34.00
225.01 - 250.00	25.00	16.00	38.00	8.00
250.01 - 275.00	27.50	17.00	42.00	
275.01 - 300.00	30.00	19.00	45.00	
300.01 - 350.00	35.00	21.00	51.00	
350.01 - 400.00	40.00	24.00	58.00	9.00
400.01 - 450.00	45.00	27.00	66.00	
450.01 - 500.00	50.00	30.00	73.00	
			24.00	

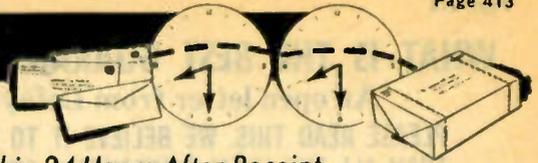
On orders over \$500.00 credit service charge and payments will be in proportion to amounts shown on schedule.

HOW TO ORDER

IT'S EASY, AND FUN, TO SHOP AT HOME WITH THE LAFAYETTE CATALOG

24 HOUR SERVICE

Most Orders Fully Processed Within 24 Hours After Receipt



Choose from thousands of items, all at your finger-tips. Prices listed in this catalog are the lowest available at the time of printing. All prices and specifications are subject to change without notice. All shipping weights are approximate. We will follow your shipping instructions unless postal or carrier regulations restrict us, or unless a change is in your best interest.

BY MAIL

Use a Lafayette Order Blank from any catalog, or your own stationery.

Always Use the Same Name When Ordering (i.e., if you have ordered as "Frank Jones," do not re-order as F. Jones). This way your name will remain in our active file assuring you faster service and a copy of each catalog as quickly as it comes off the press.

Include Postage With Order. Use the Parcel Post Rate Chart on this page for the amount to include for postage for "Total Pounds." Overpayments are refunded with your order. IT IS NOT NECESSARY TO SEND MONEY FOR FREIGHT OR EXPRESS SHIPMENTS, these are sent collect (items with stock numbers ending in X or WX).

Special Instructions, Requests for Information, etc., should be written on a separate piece of paper. This will assure prompt handling of both your request and your order.

Do Not Send Cash, unless you register your letter.

Give Full Ordering Information. To insure your satisfaction with every order, give Lafayette stock numbers, quantity desired, description of item, total price, shipping weight and any special information asked for in the description of the item.

BY PHONE

Call our CATALOG SHOP-BY-PHONE DEPARTMENT, 516 Walnut 1-7500,

for prompt service from friendly well-trained personnel. Your order will be written for you and approximate delivery time given. Your order is shipped the same day it is received via United Parcel Service in the New York Area, parcel post or express to other areas. Our shop-by-phone service is convenient and time saving!

IN PERSON

Visit any Lafayette Store where you will see a wide assortment of merchandise from the catalog, available for your inspection. Friendly, competent sales personnel, specially trained to serve you, will give you personalized assistance with your electronic, ham, citizens band or hi-fi shopping problems.

REA EXPRESS INFORMATION

Large, bulky or delicate articles are shipped by Railway Express, the fastest and most economical way to ship merchandise which is unavailable. (If you desire other shipping methods, please specify.) These packages travel on fast passenger trains and get preferred attention and special handling at no extra charge. The letter "X" after our stock number (i.e. KT-500WX) identifies the item exceeding parcel post size or weight limits, or too delicate for parcel post handling.

DO NOT SEND MONEY for express charges with your order. Express charges are collected upon delivery at no extra cost to you. Insurance is included in your express rates. Be sure to specify your nearest Express Office if there is no agent in your town.

APPROXIMATE EXPRESS CHARGES (SUBJECT TO RATE CHANGES)

Express charges are also determined by the weight of the shipment and the distance of consignee from the shipper. The following chart indicates approximate charges. Add 3% Federal Transportation Tax.

Weight	100 Miles	150 Miles	300 Miles	500 Miles	1000 Miles	2000 Miles	3000 Miles
20 lbs.	3.05	3.18	3.67	4.26	4.53	5.85	6.58
30 "	3.36	3.55	4.28	5.19	5.74	7.69	8.79
40 "	3.66	3.90	4.88	6.09	6.93	9.54	10.99
50 "	3.96	4.26	5.49	7.02	8.13	11.38	13.20
60 "	4.26	4.64	6.13	7.92	9.34	13.22	15.42
70 "	4.57	5.01	6.73	8.84	10.52	15.09	17.63
80 "	4.87	5.38	7.34	9.75	11.73	16.93	19.85
90 "	5.18	5.73	7.95	10.67	12.91	18.78	22.05
100 "	5.48	6.09	8.56	11.57	14.12	20.62	24.25

PARCEL POST SHIPPING RATES

HOW TO FIGURE POSTAGE

1. FIGURE TOTAL WEIGHT OF YOUR ORDER

As you write your order, include shipping weight of each item. Total and convert ounces to pounds. Any fraction of pound remaining is considered a full pound.

2. FIND POSTAGE RATE

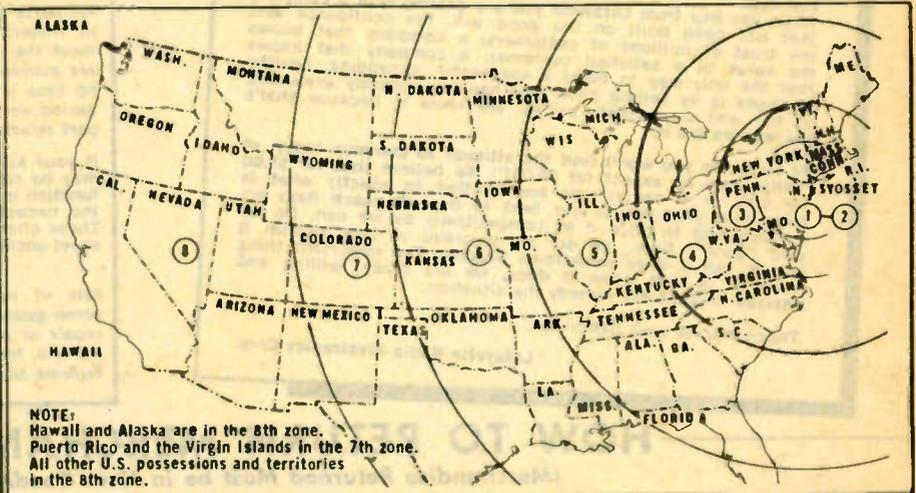
Use the map below to find your postal zone from Syosset. In the rate chart, find the weight of your order in the column headed "Shipping Weight". Move across from your Shipping Weight to your Postal Zone to find your parcel post rate on your order.

3. INCLUDE POSTAGE AMOUNT

Our prices are the lowest available and do not include shipping charges. Since postal charges are payable in advance, your remittance should include enough money to cover postal charges. Overpayments are refunded to you.

4. PARCEL POST LIMITATIONS

Parcels weighing not more than 70 pounds and measuring not more than 100" combined in length and girth (distance around the widest point) may be mailed to all zones, including APO's and FPO's, with the following exceptions: a parcel post shipment from New York to any First Class Post Office may not exceed 72" in length and girth combined and shall not weigh more than 40 lbs. to Zones 1 and 2, or 20 lbs. to Zone 3 to 8.



NOTE: Hawaii and Alaska are in the 8th zone. Puerto Rico and the Virgin Islands in the 7th zone. All other U.S. possessions and territories in the 8th zone.

SHIPPING WEIGHT	ZONES							
	1-2 up to 150 Miles	3 151 to 300 Miles	4 301 to 600 Miles	5 601 to 1,000 Miles	6 1,001 to 1,400 Miles	7 1,401 to 1,800 Miles	8 Over 1,800 Miles	
Up to but not including 16 ozs.	Local	3c for the first 2 ounces and 1½c for each additional ounce						
to 2 lbs.	\$0.24	\$0.33	\$0.35	\$0.39	\$0.45	\$0.51	\$0.58	\$0.64
3	.26	.38	.41	.47	.55	.64	.74	.83
4	.28	.43	.47	.55	.65	.77	.90	1.02
5	.30	.48	.53	.63	.75	.90	1.06	1.21
6	.32	.53	.59	.70	.85	1.03	1.22	1.40
7	.34	.58	.65	.77	.95	1.16	1.38	1.59
8	.36	.63	.71	.84	1.05	1.29	1.54	1.78
9	.38	.68	.77	.91	1.15	1.42	1.70	1.97
10	.40	.73	.83	.98	1.25	1.55	1.86	2.16
11	.42	.77	.89	1.05	1.35	1.67	2.02	2.34
12	.44	.81	.95	1.12	1.45	1.79	2.18	2.52
13	.46	.85	1.01	1.19	1.55	1.91	2.34	2.70
14	.48	.89	1.07	1.26	1.65	2.03	2.50	2.88
15	.50	.93	1.13	1.33	1.75	2.15	2.66	3.06
16	.52	.97	1.18	1.40	1.85	2.27	2.81	3.24
17	.54	1.01	1.23	1.47	1.95	2.39	2.96	3.42
18	.56	1.05	1.28	1.54	2.05	2.51	3.11	3.60
19	.58	1.09	1.33	1.61	2.15	2.63	3.26	3.78
20	.60	1.13	1.38	1.68	2.25	2.75	3.41	3.96
FOR EA. ADDED LB. ADD 2c	4c	5c	7c	9c	12c	15c	18c	

PARCEL POST RATE CHART

Subject to post office rate changes. When figuring postage, a fraction of a pound is figured to the next pound. Use the chart and include amount for postage.

PARCEL HANDLING CHARGES

up to 5.00	.05
5.01 to 10.00	.10
10.01 to 25.00	.15
25.01 to 50.00	.20

C.O.O. FEES

If you order C.O.D., the post office collects a handling charge, plus a money order fee, in addition to the regular parcel post charge. (We cannot accept COD's for APO's, FPO's or for special-order merchandise). Here are the extra C.O.D. fees:

Amount of Order	Money Order Fee	COD Fee
Up to \$5.00	20c	40c
\$5.01 to 10.00	20c	50c
10.01 to 25.00	30c	70c
25.01 to 50.00	30c	80c
50.01 to 100.00	35c	90c

AIR SHIPMENTS

For fast delivery, you may specify Air Parcel Post, Air Express or Air Freight. For Air Express Rates see your local REA Agent. For Air Freight see your nearest commercial airport office. Air Parcel Post limits are 70 lbs. in weight, 100" in length and girth combined, except APO and FPO which are 2 lbs. and 20"

AIR PARCEL POST RATES

ZONES	1,2,3	4	5	6	7	8
1st lb.	.88	.73	.78	.83	.83	.88
For each extra lb.	add .48	add .50	add .56	add .64	add .72	add .80

U.S. Possessions, Territories, APO's, FPO's—.80 per lb.

WHAT IS THE BEST GUARANTEE YOU CAN GET?

An open letter from Lafayette to you.

PLEASE READ THIS. WE BELIEVE IT TO BE MORE IMPORTANT THAN ALL THE LEGAL GUARANTEES OR WARRANTIES WE CAN PRINT.

LAFAYETTE

111 JERICHO TURNPIKE SYOSSET, L. I., NEW YORK
Telephone: 468-6600 (5) WALKER 1-1730

Dear Customer:

Because it is a legal requirement, all companies do (or should) try to publish the details of the various guarantees, warranties and free trial offers as accurately as the law demands. On this page we, too, "spell them out" and you should read them. But after they have all been written and read, what is your **BEST GUARANTEE?**

In the end, your real assurance of fair and equitable treatment, your real assurance of satisfaction with your purchase, your real assurance of proper adjustment when the occasion arises is based on the kind of people with whom you deal.

When you buy from Lafayette you are dealing with a company that has been built on the good will, the confidence and the trust of millions of customers; a company that knows the value of a satisfied customer; a company that knows that the only way to build a successful, expanding, healthy business is by selling good merchandise honestly presented at fair and competitive prices. We know it because that's the way we did it.

At Lafayette you won't find the attitude so common today, of "What does he expect for \$5.00?" We believe that for \$5.00 (or \$50, or 5 cents) you are entitled to exactly what is offered to you. We do our best to describe each item accurately and to price it as competitively as we can. Do we ever "goof"? Sure, we do! We're proud of how seldom it occurs, but it does sometimes happen. The important thing however, is that when it does, we are ready, willing and anxious to equitably remedy the situation.

Thank you for your patronage.

Lafayette Radio Electronics Corp.

30-DAY FREE HOME TRIAL

Buy with confidence. Try your purchase at home. If for any reason you are dissatisfied you may return it within 30 days and your money will be refunded (less transportation charges). Merchandise returned must be in good condition and not abused. This policy does not apply to kits (which are covered by a separate guarantee below) nor to pre-recorded tape, records, books or repair parts.

SERVICE AND REPLACEMENT GUARANTEES

All merchandise is guaranteed to be free of defects in material and workmanship for the period of time specified in the listing of the product. Where no time is specified the guarantee is for 90 days. Wherever so indicated in our listing of the product we will replace it. Wherever our listing does not specify we will either replace it or repair it at our option. Item must be returned prepaid for our inspection.

LAFAYETTE KITS

All parts in kits are guaranteed to be free from defects in material or workmanship, and if properly wired, to meet the published specifications for performance. Parts are guaranteed for the time specified in the listing. Where no time is specified guarantee is for 90 days. During this period we will replace or repair at our option any defective part returned to us.

If your kit does not function properly when fully wired it may be returned to us prepaid for inspection. If failure to function is due to improper wiring or handling, we will make the necessary corrections or repairs at modest charges. These charges vary with each kit and are shown in a price sheet enclosed with each kit.

OTHER KITS

Kits of manufacturers other than Lafayette carry the same guarantee as above, except that Lafayette does not repair or receive them. They may be returned to us and we will forward them to the manufacturer who will determine the charges, where applicable.

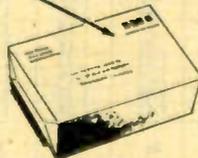
HOW TO RETURN MERCHANDISE

(Merchandise Returned Must be in New Condition)

We want you to be completely satisfied with every item you purchase from us. If there is an irregularity in your shipment and you find it necessary to return an item to us, follow these instructions:

PARCEL POST SHIPMENTS

- 1) Place all order papers, invoices, correspondence and your instructions in an envelope inside your package.
- 2) On the outside of your package, mark "First Class Mail Enclosed" (directly below the postage) and add an additional 5¢ postage. Do not send the letter separately; it will delay our speedy adjustment handling.
- 3) Pack the merchandise securely and send to: Customer's Service Dept., LAFAYETTE RADIO 111 Jericho Turnpike, Syosset, Long Island, N. Y.
- 4) For your protection, report damaged receipts to your postman and enclose his report with your papers.



BY EXPRESS OR TRUCK

If your shipment is received damaged, obtain a report from your express agent or trucker, and mail to us. Wait until you receive our instructions on how to return. (NOTE — Merchandise not regularly stocked that has been ordered for you is NOT returnable for refund or exchange).

IF IT IS NECESSARY TO WRITE US:

Before writing, please compare papers or invoices with merchandise received. You will find explanations on your order papers about how your order has been handled. Sometimes merchandise arrives before or after order papers. Please wait until you have both papers concerning the order. Please give names of items, catalog numbers, quantity, color, price, and any special information you think necessary. The more details you give us, the more quickly your adjustment will be made. On Easy Payment orders, be sure to include your EP account number.

ORDERS FOR EXPORT SHIPMENT

Carefully fill out our order blank. Enclose with your order, check or draft; or remit International Postal Money Order or confirmed, irrevocable Letter of Credit. All payments should be in U.S. Dollars payable at U.S. Bank. Foreign currencies will be accepted at prevailing exchange rate when converted. Full payment should accompany order. Include 20% above merchandise value to cover international postage, insurance, consular fees and other export shipping costs, and crating charges when necessary. Slightly more should be allowed for heavy

items and ocean or air freight shipments. We refund any balance not used. Merchandise supplied packed in heavy, reinforced, corrugated cartons. All prices F.O.B. our Warehouse and subject to change without notice. We reserve the right to route order by the best method where order does not indicate routing or when method suggested is not possible or impractical. Items marked "Postpaid" refer only to shipments made to points within the eight U.S. Postal Zones.

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LAFAYETTE FM/AM DUAL SPEAKER TABLE RADIO . . .

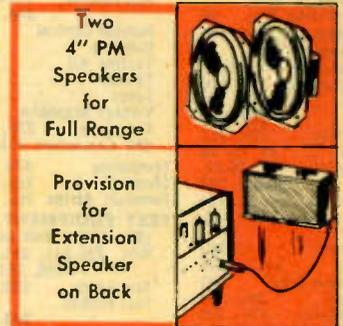
BEAUTIFUL OILED WALNUT CABINET

- Two 4-Inch PM Speakers for Full Dynamic Range • Greater Sensitivity • Built-in Hi-Q Antenna
- Beautiful, Oiled Walnut Fine Furniture Cabinetry • External 300-Ohm Antenna Input Terminals
- AFC for Drift-Free FM • Provision for Extension Speaker

High Fidelity FM/AM table radio. Fine furniture styling. Dual, 4-inch PM speakers, in an acoustically correct cabinet, produce rich full-frequency sound on both FM and AM. Features improved AFC action which "locks-in" FM stations for drift-free reception; Automatic Volume Control to soften any sudden volume blasts and to make tuning stations of different levels easier. A super-sensitive AM antenna brings in distant stations clearly while reducing unwanted noise. An FM wire antenna is provided to assure all benefits of clear, pure FM

reception. An external 300-ohm FM antenna can be attached to built-in input terminals for improved reception of distant stations. Beautifully finished Oiled Walnut cabinet and easy-to-read slide rule dial with an on-off neon indicator light. Meets FCC requirements for radiation shielding. A receptacle on the rear of the radio allows easy, quick addition of an extension speaker. For 110-120 volts, 60 cps AC or DC. Size 17½Wx7¾Hx5¾"D. Shpg. wt., 8 lbs. Imported.

FS-246 Net 39.50



LAFAYETTE 12-TRANSISTOR 4-BAND PUSH-BUTTON SW/AM PORTABLE RADIO

- 4 Bands $\left\{ \begin{array}{l} 540-1600\text{KC} \\ 1.6-4.5\text{MC} \\ 4.5-12\text{MC} \\ 12-24\text{MC} \end{array} \right.$

- 2 Speakers • 3 Built-in Antennas — 2 Ferrite Rods plus Chrome Telescoping Whip • Tuned RF Stage • Big Easy-To-Read Slide Rule Dial • Fine Tuning Control • Tone Control
- Complete with Batteries and Dynamic Earphone

A really superb shortwave portable with more sensitivity and pulling power than many table model SW receivers. Four bands: Pushbutton selected AM Broadcast and 3 Shortwave Bands blanket the airwaves with the world's most interesting programs. Listen to Police, Maritime, Mobile Phone, WWV, 75, 40, 20 and 15-meter Amateur, Aircraft, and all the exciting and informative International Shortwave broadcasts from most anywhere in the world! Powerful shortwave broadcasts are beamed from every country in the world, many of them in the English language. Keep up-to-date with this super-set. 12 Transistors, 2 diodes and a varistor comprise the main circuit elements of this well designed portable. Two dynamic speakers (3½" and 2") give you rich table-model tone, plenty of volume. Fast pushbutton band selection for all four bands. Includes 7-section 29½" chrome shortwave monopole antenna, ferrite AM antenna, ferrite booster antenna, earphone for private listening and six "C" batteries. Battery life can be greatly extended if set is run on standard AC house current (117v, 60 cycles) when used indoors with FS-255 Adapter. Size: 10Wx4¼Hx2¾"D. Shpg. wt., 5 lbs. Imported.

FS-252L Net 49.95
Additional Batteries For Above. BA-156 "C" cell, 6 required Net ea. .13
117v AC Adapter for above. Imported 2½ lbs. Net 7.95
FS-255

LAFAYETTE 10-TRANSISTOR 3-BAND AM PORTABLE TUNES AM BROADCAST - LW-SW BANDS

- 4 Audio Stages • 3 Bands $\left\{ \begin{array}{l} 430\text{KC}-1600\text{KC} \\ 140\text{KC}-400\text{KC} \\ 4\text{MC}-12\text{MC} \end{array} \right.$

You have the world in your pocket with this outstanding compact portable. Tunes 430 to 1600 KC AM broadcast (medium wave), 140 to 400 KC long wave and 4MC to 12 MC, short wave. Powerful, sensitive 10 transistor superheterodyne circuit picks up stations from faraway places. Four audio stages and a 3" dynamic speaker insure vivid tonal quality with less distortion. Has AGC and AVC. Tone control to vary sound quality. Features thumbwheel controls, 18" telescoping whip antenna for LW and SW bands, ferrite-bar antenna for broadcast band and earphone jack. With earphone leather case and batteries. 10 transistors, 1 diode, 1 thermistor. Only 8Wx4Hx2"O. Shpg. wt., 1¼ lbs. Imported.

FS-280L No Money Down Net 29.95
BA-155 Extra Batteries. Uses 4 wt. 4 oz. each Net .13

LAFAYETTE 8-TRANSISTOR 2-BAND AM/MARINE PORTABLE RADIO

- Wide-Range 2¼" Speaker
- Highly Sensitive Rod-Antenna Plus Built-in Ferrite Core Antenna
- Tuning and Battery Energy Indicator
- Earphone for Private Listening

Covers both the general broadcast band plus the 1.6-4.6 mc marine band. Your perfect listening companion even when at sea. A built-in antenna is used for the broadcast band and a detachable telescoping antenna for the marine band. The receiver circuitry utilizes 8 transistors, 1 diode, and 1 Varistor with A.G.C. Also includes a specially designed tuning and battery energy indicator which allows you to check the strength of the batteries to assure maximum performance. Quality 2¼" PM speaker gives fine tone. Operates on 4 inexpensive penlight cells. Comes complete with telescoping antenna, carrying case and earphone. Measures 5¾x3¼x1¼". Shpg. wt., 2 lbs. Imported.

FS-244L Net 21.95
BA-155 Extra Batteries. Uses 4. Wt., 4 oz. each. Net .13

LAFAYETTE "MIGHTY 9"™ POCKET RADIO

- Power Packed, Fine Tone
- With Leather Case, Earphone

Shirt-pocket size, yet it picks up distant AM stations. Fine tone is achieved with 2¼" speaker and negative feedback circuit. Precision direct-drive tuning provides noise free pin-point selectivity for accurate station selection. Only 2½x4¾x1¾" deep. Its powerful superheterodyne circuit contains 9 transistors, 1 thermistor and 1 diode. Has AGC and automatic volume control to prevent fade-out and sudden blasts of volume. Earphone jack for private listening. Operates on single low cost 9 volt battery. Includes leather case, earphone and battery. Shpg. wt., 1 lb. Imported.

FS-278L Net 10.88
BA-2 Extra Battery. Wt., 2 oz. Net .21

FOR EXTRAORDINARY TONE QUALITY!



39⁵⁰
NO MONEY DOWN

FS-246

LAFAYETTE 12-TRANSISTOR
4-BAND PUSH-BUTTON
SW/AM PORTABLE

NO MONEY DOWN

49⁹⁵



FOLICE CALLS



AIRCRAFT



TUNE IN FOREIGN
STATIONS

LAFAYETTE 10-TRANSISTOR 3-BAND
AM PORTABLE TUNES AM BROADCAST-
LW-SW BANDS



NO MONEY DOWN

29⁹⁵

With Leather Case
Earphones and
Batteries

FS-280L

FS-252L



LAFAYETTE 8-TRANSISTOR 3-BAND
AM/MARINE PORTABLE RADIO



with TUNING
METER

FS-244L

NO MONEY
DOWN

21⁹⁵



LAFAYETTE "MIGHTY 9"
POCKET
RADIO



VEST POCKET SIZE



9⁹⁵

FS-278L

Lafayette 12-Transistor FM/AM Shortwave Portable

World Wide Reception



49⁹⁵

NO MONEY DOWN



3"x5" Speaker Gives Rich Tone Quality



3 Bands FM-AM-SW (4-12 MC)

COMPARE THESE FEATURES FOR VALUE

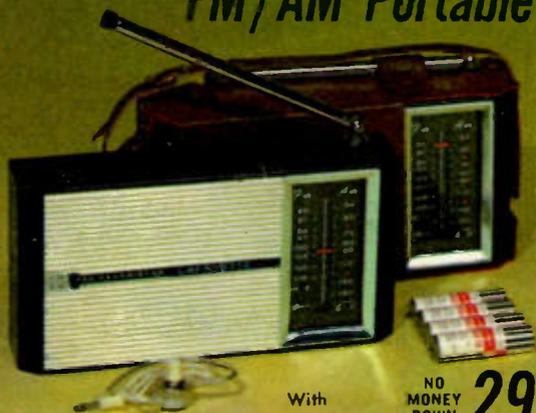
- 12 Transistors — 4 Diodes — plus Varistor
- Tuned RF Stage
- Hi-Q Long Range Antennas
- FM/AFC — Locks-in Stations
- Tone Control plus AGC
- Optional AC operation
- Superior Audio Output — more than 300-mw
- Precise Sliderule Tuning
- Plays Hundreds of Hours on 6 Flashlight Batteries

Triple your listening pleasure with a 4-12 megacycle shortwave band which can pick up amateur (40 Meters), Police, aeronautical and Foreign stations; exciting programming from all parts of the world, plus static-free FM programs providing life-like music and voice comparable to many large table model radios. Receives AM too, gets excellent reception where lesser portables fail. The 12 Transistor 4 diode plus varistor superheterodyne circuit with 7-section 29½" monopole FM antenna has extra sensitivity to bring in those distant stations. Heavy magnet 3x5" speaker provides rich full tone. Separate Tuning and Volume controls permit easy adjustment to individual taste. FM circuit has AFC switch to "lock-in" stations. Tone Control switch provides desired listening quality for voice or music on all bands. Also Band Selection switch. Economical to operate—plays on 6 standard "C" cells or AC with adapter (optional at slight extra cost). Includes earphone and batteries. Dimensions: 9½"Wx5¼"Hx2¾"D. Shpg. wt., 5½ lbs. Imported. **FS-251L** Net 49.95

BA-156 "C" cell, Additional Batteries For Above. 6 required. Net ea. .13

FS-255 117V AC Adapter For Above. Wt., 2½ lbs. Imported. Net 7.95

Lafayette 10-Transistor FM/AM Portable



With Leather Case

29⁹⁵

NO MONEY DOWN

- Performs Like a Console!
- Tone Control
- Telescoping Antenna
- Large 2-Band Slide Rule Dial

Tubeless, cordless, static-free FM are yours with this thrilling performer. High efficiency 3" dynamic speaker and push-pull audio output deliver a full range of sound on FM or AM to enhance your radio listening pleasure. FM drift is virtually eliminated. Super-powered circuit employs 10 transistors, 1 thermistor and 3 diodes, AVC. Only 7¼x3¾x17½"D, it offers undreamed of convenience. Take it anywhere. Features; precision gear tuning for smooth, accurate station selection, built-in ferrite AM antenna, chrome plated telescoping FM whip antenna, earphone jack for private listening. Operates on 4 inexpensive penlight cells. Low current drain gives long battery life. Complete with batteries, leather case and earphone. Imported. Shpg. wt., 3½ lbs. **FS-279L** Net 29.95

BA-155 Extra batteries. Uses 4. Wt., 2 oz. ea. Net .13

Lafayette 9-Transistor AM Portable and Table Radio with Superb Tone Quality



NO MONEY DOWN

24⁵⁰

- 9 Transistors, 1 Diode, 1 Thermistor
- Big Tone 3½" PM Speaker
- Direct Drive Precision Vernier Tuning
- Genuine Top Grade Cowhide Cabinet



Receive top performance and glorious tone from this highly attractive portable radio over the entire broadcast band. Exterior design and finish is truly luxurious. Entire cabinet is made of genuine top grain cowhide, a feature reserved for much more expensive sets. Big sound provided by a 3½" PM speaker-gives "big-set" tone even in noisy outdoor areas. The combination of superior tone and cabinetry make this deluxe set ideal for use anywhere in your home. Powerful 9-transistor circuit really pulls in stations from near and far. Uses six readily obtainable flashlight batteries. Features, vernier tuning for easy station selection, built in ferrite rod antenna, earphone, integral leather case with handle, and batteries. Dimensions: 7¾Wx5¼Hx2½"D. Shpg. wt., 5 lbs. Imported **FS-258** Net 24.50

BA-156 Extra "C" batteries, (use 6) wt., 2 oz. ea. Net .13

NEW LAFAYETTE ALL-TRANSISTOR 44-WATT STEREO AMPLIFIER



Model LA-200 With Metal Case

109⁵⁰
NO MONEY
DOWN

- Cool Running, Reliable Transistor Circuitry
- 20-20,000 cycles ± 1 db
- Smooth, Fast Transient Response
- Freedom From Hum and Noise
- Complete Stereophonic Control Facilities
- Modern Styling, Compact Size

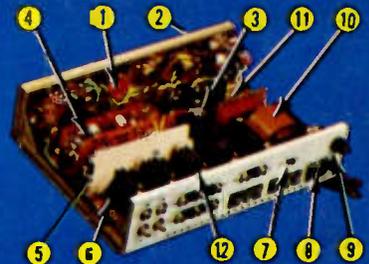
19 Transistors, 3 Silicon Diodes

The LA-200 is an advanced transistor design with outstanding high fidelity performance. Combines a complete stereophonic preamplifier and a dual channel 44-watt power amplifier on one compact chassis. All-transistor circuit offers advantages not found in tube sets . . . Cool operation-low heat output and power consumption of transistors enables them to outlast tubes; instant warm-up, no filaments to heat up; no microphonics, hum and noise are virtually eliminated; no output or driver transformers, direct coupled circuit gives you low distortion and superb transient response. In addition, military-type terminal boards are used in a ruggedly constructed metal chassis. A fast-acting relay protects the output transistors from overloads or short circuits in the speaker line. The initial performance level is maintained for years without adjustments when operated properly. Other features include: Front panel stereo headphone receptacle, scratch and rumble filters, separate on-off power switch, bass and treble controls for each channel, 4-position mode switch, volume, balance and 5-position input selector switch, speaker on/off switch. Phase switch on rear panel; 2 AC convenience receptacles, one switched; pilot light. Operates with 4, 8 or 16-ohm speakers. Brown textured finish metal case, gold finish aluminum panel and knobs. For 105-125V 50/60 cycles AC. Size: 13Wx4 $\frac{3}{8}$ Hx9"D (with legs). Shpg. wt., 14 lbs. Imported.

LA-200 WX Net 109.50

SPECIFICATIONS

IHF Music Power: 44 watts; 22 watts per channel, Frequency Response ± 1 db, 20—20,000 cps. Harmonic Dist.: 1%. Hum & Noise: Tuner, —74 db; Mag. Phono, —54 db. Tone Controls: ± 10 db. Inputs: (5 pairs): Tape Head; Mag. Phono; Cer. Phono; Tuner; Aux. Outputs: Tape Recorder, 4 ohms (also for 8 and 16 ohm speakers).



Years Ahead Features

- 1 Smooth Positive Action Controls and Switches
- 2 Front Panel Stereo Phone Jack
- 3 Oversize Electrolytic Capacitors for Better Power Supply Filtering, Longer Life
- 4 Military-type Terminal Boards Give Greater Reliability
- 5 Heat Shield for extra component protection
- 6 Massive Heat Sink to Insure Cool operation of Power Transistors
- 7 Speaker Phase Switch
- 8 2 AC Convenience Outlets, One Switched
- 9 Fused AC Line
- 10 Massive Power Transformer
- 11 Relay For Complete Overload or Short Circuit Protection
- 12 19 Transistors, 3 Silicon Diodes

LAFAYETTE TAPE RECORDERS

Portraits of Outstanding Achievements
 When you want superlative performance
 ...YOU'LL WANT LAFAYETTE.

If you start with a tape recorder in mind, you're bound to finish with Lafayette. Here at Lafayette you'll find a tape recorder for every purpose, for every budget for the student and for the professional. And if you want to add to your hi-fi system, choose one of our engineer-tested tape decks.

LAFAYETTE 4-Track Stereo Professional Tape Recorder

See Page 99



RK-155

NO MONEY DOWN

169⁹⁵

RK-140

See Page 102



NO MONEY DOWN

99⁵⁰

LAFAYETTE Stereo Professional 4-Track Record/Playback Tape Deck,

LAFAYETTE 4-Track Stereo Playback, 4-Track Monaural Record/Playback Tape Recorder

Accepts Full 7" Reel

NO MONEY DOWN
 89⁵⁰

RK-137
 See Page 100



LAFAYETTE MINIATURE 2-Speed Push-Button Tape Recorder

See Page 101

NO MONEY DOWN

79⁵⁰

RK-126



RK-142

59⁹⁵
 NO MONEY DOWN

LAFAYETTE DELUXE 7" Reel Tape Recorder

See Page 101



LAFAYETTE 2-Speed Stereo Playback Tape Deck

RK-141

See Page 98

59⁵⁰
 NO MONEY DOWN

