

LAFAYETTE RADIO

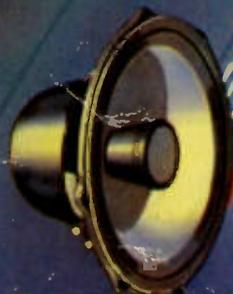
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STEREOPHONIC SOUND

FM



AM



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CATALOG 305

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money for Postage. We Refund unused amounts.

New!

Lafayette CUSTOM HI-FI "MUSIC MATES" STYLE MATCHED TUNER AND AMPLIFIER



43.50
Less Cage

MODEL LA-40 15 WATT MUSIC MATE AMPLIFIER

- 30-20,000 CPS \pm 1 DB
- DISTORTION LESS THAN 1%
- PUSH-PULL EL84 OUTPUT TUBES
- TAPE HEAD AND RECORD EQUALIZATION
- RUMBLE FILTER • LOUDNESS CONTROL
- BASS, TREBLE AND VOLUME CONTROLS
- 5 INPUT CHANNELS



64.50
Less Cage

MODEL LT-40 MUSIC-MATE DELUXE FM-AM TUNER

- ARMSTRONG CIRCUIT • AFC DEFEAT
- AUTOMATIC FREQUENCY CONTROL
- TEMPERATURE COMPENSATED OSCILLATOR
- 6 TUBES PLUS MATCHED PAIR CRYSTAL DIODES PLUS RECTIFIER
- MEETS FCC RADIATION REQUIREMENTS
- FOSTER-SEELEY DISCRIMINATOR

MODEL LA-40 15 WATT MUSIC MATE AMPLIFIER

Beautifully styled and moderately priced, the Lafayette Music Mate amplifier has all the basic features needed for a fine high fidelity system. It utilizes the new premium quality EL84 tubes to give plenty of distortion-free power. Inputs and proper equalization are provided for tuner, pre-recorded tape and every type of phono cartridge and record. Also has an auxiliary input for such devices as TV Audio, extra crystal phono or preamplified playback from tape recorder.

The Music Mate has a tape output jack for use with tape recorders. Through this jack you can feed any of the input signal to a tape recorder. Because this jack is unaffected by the amplifier volume and tone controls, you can record programs using the equalization of your tape recorder while listening to the program through your hi-fi system.

In addition to the separate bass, treble and volume control, there is a 3 position loudness switch to retain the correct tonal balance between high and lows at different volume levels. Objectionable motor vibration, sometimes introduced by some record changers and turntables, can be eliminated by the rumble filter switch. A hum adjustment control minimizes subsidiary hum.

An additional unit such as a phonograph or tuner may be plugged into the auxiliary AC outlet and turned on or off simultaneously with the amplifier.

The Lafayette Music Mate amplifier is finished in attractive dark maroon and gold and matches in styling and size the Lafayette Music Mate Tuner.

It is designed for simple mounting in cabinet or in panel. For this purpose order the model LA41 (less cage). For use on shelf, the model LA40 is supplied with an attractive cage.

SPECIFICATIONS

POWER OUTPUT: 15 Watts continuous, 30 Watts peak. **FREQUENCY RESPONSE:** \pm 0.5 DB from 20-20,000 cycles. **DISTORTION:** Less than 1%. **GAIN:** Magnetic Phono, Tape = 112DB; Crystal Phono = 80 DB; Tuner, Aux = 75 DB. **SENSITIVITY:** Mag. Phono, Tape = 4MV; Tuner, Aux = 0.25V, Crystal Phono = 0.16 V. **NOISE AND HUM:** Tuner, Aux = 75 DB below rated output. Phono and Tape = 55 DB below rated output. **5 INPUTS:** Crystal or Ceramic Phono, Magnetic Phono, Tape, Tuner, Aux. **7 CONTROLS:** Function and Equalization Selector, Magnetic Phono, Treble-AC Power, Loudness, Rumble Filter Hum Adjustment. **EQUALIZATION:** 3 positions: 78, R1AA (LP), Tape, (NARTB). **TONE CONTROL ACTION:** Cut or boost 10 DB on both bass or treble. **OUTPUT CONNECTIONS:** Speaker term and tape output jack. **OUTPUT SPKR. IMP.:** 4, 8, 16 ohms. **POWER OUTLET:** Convenient AC Power Outlet on Rear Controlled by front panel AC switch. **TUBES:** Two EL84, ECC83/12AX7, 6U8, and E2B1 rectifier. **SIZE:** 13 1/2" W x 5 7/8" D x 4-3/16" H. **SHIPPING WT.:** 12 lbs.

Lafayette LA-41 Amplifier (less Cage) Net **43.50**
Lafayette LA-40 Amplifier (with Cage) Net **46.50**

MODEL LT-40 MUSIC-MATE DELUXE FM-AM TUNER

The Lafayette Music Mate Tuner is a sensitive, selective, stable FM-AM tuner with all the basic features for a deluxe high fidelity system. It has the same beautiful styling as the Lafayette Music Mate amplifier and matches it in both decor and size. Freedom from drift is assured by the temperature compensated oscillator and programs once tuned in are "locked in" by automatic frequency control action. The circuit uses 6 tubes, a rectifier plus 2 long-life matched germanium crystal diodes to reduce hum. Frequency response extends to 20,000 cycles. Covers the entire FM and AM ranges. The AM section is a superheterodyne with automatic volume control action. Has built-in antennas for both AM and FM as well as provision for outside antenna. The technical specifications shown on hum and distortion clearly indicate the excellent reception you will get with the Music Mate. Finished in attractive dark maroon and gold.

Easily mounted in cabinet or on panel. For mounting, order model LT-41 (less Cage). For use on shelf or furniture, order LT-40 (with cage).

SPECIFICATIONS

CIRCUIT: FM: Armstrong circuit with limiter and Foster-Seeley Discriminator, AFC, AFC defeat, temperature compensated oscillator. AM: Superheterodyne with AVC. **SENSITIVITY:** FM: 5 μ v for 20 db S/N. Terminal sensitivity 5 μ v for 20 db S/N. **RANGE:** 88-108 MC and 530-1650 KC. **FM DRIFT:** \pm 5 KC MAX. **SELECTIVITY:** FM: 200 KC bandwidth 6 db down. AM: 8 KC bandwidth 6 db down. **DISTORTION:** Less than 1%. **FREQ. RESPONSE:** FM: 20-20,000 cycles \pm 1 db; AM: 20-5000 \pm 3 DB. **HUM LEVEL:** 60 DB below 100% modulation. **RADIATION:** Meets FCC requirements. **TUBES:** 2 - 6AU6, 1 each 6AB4, 12A17, 6BA6, 5BE6 plus 6X4 rectifier and matched pair 1N542 crystal diodes. **STAGES:** FM: 2 IF; Emitter and untuned RF; AM: 2 IF stages. **CONTROLS:** Tuning, band selector, AFC defeat, power. **ANTENNA:** Built-in 300 ohm FM line antenna and ferrite AM loopstick. Provision for outside antenna. **SIZE:** 13 1/2" W x 5 7/8" D x 4-3/16" H. **SHIPPING WT.:** 10 lbs.

Model LT-41 Tuner (less cage) Net **64.50**
Model LT-40 Tuner (with cage) Net **67.50**

Lafayette HI-FI "Music-Mates" SYSTEMS

STYLED MATCHED
COMPONENTS

AS LOW AS
109.50



(NO
CABINETS
REQUIRED)

ECONOMY "MUSIC MATES" PHONO SYSTEM

Here's thrilling high-fidelity at down-to-earth prices! Provides exceptionally fine audio fidelity plus dependable performance. If the components were purchased individually, the total cost would be 134.83 — which gives you a big savings of 25.33! This system is built around the exclusive Lafayette value-packed money-saving LA-41 15 watt "Music-Mate" Amplifier (without cage). Also included are the Garrard RC-121-4 "Renown" 4-speed Automatic Manual and Intermix Record Changer (less base) equipped with the new GE VRII Triple Play Variable Reluctance Cartridge Model 4G-052 with Diamond LP and Sapphire Standard Stylus; the Lafayette SK-58 Coaxial HI-FI Speaker with Brilliance Level Control and noted for its thrilling wide range performance. This phono system is supplied with color-coded plugs and interconnecting cables for quick easy installation. For 110-120 volts 60 cycle AC. Shpg. wt., 39 lbs.

HF 190 Economy Phono System Net 109.50
HF 191 As above but with cover for amplifier Net 113.00

DELUXE "MUSIC MATES" PHONO SYSTEM

The Deluxe "Music Mates" Phono System consists of all of the quality components in the ECONOMY system above, plus an attractive cage for the amplifier, a Mahogany or Blonde (specify which) Wood Base for the Record Changer and a Lafayette Resonator Speaker Enclosure in which to mount the speaker. Cabinet is lined with acoustic material. Front has attractive picture frame molding and fine quality plastic grille cloth. Cutout for 12" speaker. Dimensions: 20"W x 16"D x 23"H. Complete system with coded plugs and cables. Shpg. wt., 76 lbs.

HF-192 Deluxe Phono System With CAB-16 Resonator Speaker Enclosure and Mahogany Changer Base Net 142.50
HF-193 Deluxe Phono System with CAB-17 Resonator Speaker Enclosure and Blonde Changer Base Net 144.50

FM-AM PHONO SYSTEM DELUXE "MUSIC MATES"

This superb FM-AM Phono System includes all of the items in the Deluxe Phono System above plus Lafayette's exclusive LT-40 "Music-Mate" Deluxe FM-AM Tuner (in cage). This system consists of all the items illustrated. Complete system with color-coded plugs and interconnecting cables for quick, simple installation. Shpg. wt., 86 lbs. Specify finish of wood base desired.

HF-194 Deluxe Phono System With CAB-16 Resonator Speaker Enclosure and Mahogany Changer Base Net 206.50
HF-195 Deluxe Phono System with CAB-17 Resonator Speaker Enclosure and Blonde Changer Base Net 208.50

LAFAYETTE DELUXE PHONO SYSTEM

A SUPER-VALUE PHONO SYSTEM TO
DELIGHT THE MUSIC LOVER

This extraordinary value in a phono system enables you to enjoy outstanding high-fidelity performance despite either limited quarters or a limited budget! This exclusive Lafayette phono system is composed of top-performing components throughout which bring realism to the reproduction of living music. The system is built around the new incomparable Model LA-40 15 Watt "Music-Mate" Amplifier — an amplifier whose features, specifications, smart styling and price are causing the entire industry to sit up and take notice. In addition to the amplifier in an attractive metal cage, the system includes the Garrard RC-121-4 "Renown" 4-speed Automatic Manual and Intermix Record Changer with either Mahogany or Blonde Wood Base (Specify Choice) and equipped with the new GE VRII Series Triple Play Variable Reluctance Cartridge Model 4G-052 with Diamond LP and Sapphire Standard Stylus. Sound reproduction is sparklingly accomplished by the University Model UXC-123 12" 3-Way Diffaxial Speaker an integrated 3-way speaker assembly completely wired with built-in L/C network and Brilliance Control and the Lafayette CAB-19 Highboy Style Bass Reflex Cabinet designed to give proper baffling to the entire speaker system and improve the bass response. This cabinet is available in either lustrous hand-rubbed Mahogany or Blonde (Specify finish) and is 28 7/8"W x 16 3/4"D x 23 1/2"H. If the components were purchased individually, the total cost would be 223.78. However, this complete, compact, space-saving system is priced to save you 45.83 on the total cost of these individual components. When ordering specify finish of wood base and bass reflex enclosure. System is supplied with color-coded plugs and interconnecting cables for quick simple installation. For 110-120 volts 60 cycle AC. Shpg. wt., 81 lbs.

HF-196 Complete system 179.95



LA-40 "MUSIC-MATE" AMPLIFIER

LT-40 "MUSIC-MATE" TUNER

NEW GE 4G-052 DIAMOND-SAPPHIRE CARTRIDGE

GARRARD RC-121 4-Speed RECORD CHANGER

CAB-16 or CAB-17 SPEAKER ENCLOSURE

LAFAYETTE SK-58 SPEAKER

ONLY 179.95
YOU SAVE
45.83



LA-40 "MUSIC-MATE" AMPLIFIER

GARRARD RC-121-4 Speed RECORD CHANGER

CAB-19 HIGHBOY SPEAKER ENCLOSURE

UNIVERSITY UXC-123 SPEAKER

GE 4G-052 CARTRIDGE WITH DIAMOND-SAPPHIRE STYLUS

Shipping Weights Given Are Approximate

Lafayette LA-69 20 WATT HI-FIDELITY AMPLIFIER

NEW! 64.50

Another
Amazing Hi-Fi Amplifier
Value Available Only At Lafayette!



Guaranteed To Outperform Any
Amplifier In Its Price Range
Or Your Money Back

- 1 New Tape Monitor-Play Switch
- 2 Loudness Control
- 3 Volume Control
- 4 Treble Control
- 5 Rumble Filter Switch
- 6 Bass Control
- 7 Six Position Roll-Off Control
- 8 Input Selector and Turnover Control



AN AUDIO CONTROL CENTER—AND "HEART"
FOR THE FINEST CUSTOM HI-FI SYSTEM

LAFAYETTE LA-69 TECHNICAL SPECIFICATIONS

Lafayette confidently presents the new LA69, successor to the enthusiastically acclaimed LA59. Superb high-fidelity performance meeting the most critical standards is available at less than half of what you might expect to pay for a comparable unit. Engineered to include every practical feature making a worth-while contribution to hi-fi reproduction, the LA-69 is rated at 20 watts. The output stage utilizes two newly developed EL84/6BQ5 tubes, outstanding for superior performance, ruggedness and longer life. Extreme versatility in tape recording and playback results from the tape input and output jacks in conjunction with the new tape monitor-playback switch and the tape position on the input selector switch. Incorporates advanced printed circuit techniques in the two boards used. The frequency response is phenomenal—even at over 83% of full output, it is within ± 1 db from 20 to 40,000 cycles, with the range extended further at lower wattages. Three negative feedback loops virtually eliminate distortion. The unit is extremely sensitive and has effective individual rumble filter and loudness controls which can be cut out of the circuit at will. Separate adjustable roll-off and turnover control provide 24 equalization positions to compensate for recording curve characteristics. Continuously variable bass and treble controls make possible an infinite selection of tone compensating adjustments. There are 5 Input jacks for Radio, TV, Tape, Magnetic Phono and Crystal Phono. A tape output jack and outputs for 8 and 16 ohms are also provided. Rear of chassis has hum balancing, radio and phono input level controls, 2 AC convenience outlets and fuse mounted in extractor post. Tubes are 2-EL84/6BQ5, 2-12AX7, 1-6AN8, and 1-EZ81 rectifier. Modern streamlined "pancake" styling having beautiful satin-gold panel, gold perforated cage, and attractive contrasting dark maroon trim and lettering. Front is removable for easy panel mounting. **IMPORTED TO SAVE YOU MONEY.** Sizes 13½" W x 8½" D (exclusive of knobs) x 4¾" H (including rubber feet). Shpg. Wt., 19 lbs.

LAFAYETTE LA69—Amplifier Net **64.50**

POWER: 20 watts normal, 40 watt peak, at 1% harmonic distortion. **RESPONSE:** 20 to 40,000 cycles ± 1 db at 15 watts. **EQUALIZATION:** 24 positions to match all types of recordings. **RUMBLE FILTER:** On-Off, eliminates Motor noises. **LOUDNESS CONTROL:** On-Off, maintains high and low frequencies at low volume levels. **TAPE CONTROL:** Monitor-Play, controls tape playback and recording. **BASS CONTROL:** Monitor-Play, controls tape playback and recording. **TREBLE CONTROL:** Continuously variable; 16 db boost to 15 db cut at 10,000 cycles, "flat" position marked. **HUM CONTROL:** Balancing control on rear of chassis. **PHONO LEVEL & RADIO LEVEL:** Individual input level controls on rear of chassis. **INPUTS:** 5 jacks for radio, tape, TV, magnetic phono and crystal or ceramic phono. **OUTPUTS:** Tape jack and choice of 8 or 16 ohm speaker. **SENSITIVITY:** Full rated output with input of only 8 mv in magnetic input or 0.3V in radio, tape or TV. **QUIETNESS:** Noise plus hum is 75 db below maximum output on radio, TV, tape inputs; 70 db on phono input; 54 db below effective program level with 10mv input. **FEEDBACK:** 3 negative feedback loops; 20 db feedback around voltage and power amplifier stages. **POWER OUTLETS:** 2 necessary 110V AC outlets for phono, tuner, etc. **FUSE:** 2 Amp fuse mounted in extractor post for easy replacement. **MOUNTING:** Front removable for simple, fast mounting. **STYLE:** Modern low-lined "pancake" satin-gold panel, gold cage, maroon trim. **POWER SOURCE:** 110-120 Volts, 50-60 cycles AC only.

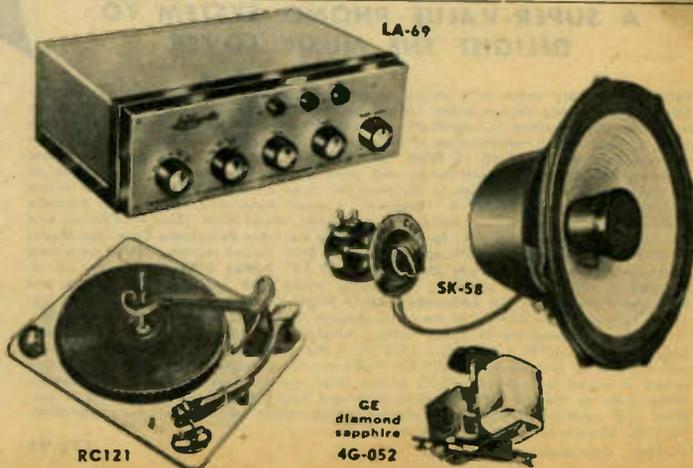
SPECIAL COMBINATION OFFER **119.50**

LAFAYETTE MATCHED HIGH-FIDELITY PHONO SYSTEM

NOBODY BUT LAFAYETTE can bring you a phono system of this quality—and at this price. Indeed a Lafayette "best buy" system designed around the new Lafayette LA-69 20 watt amplifier. The performance of this phono system surpasses the most critical requirements of music lovers of a price below that of commercial phonographs. Twenty-four combinations of record equalization provide an almost endless variety of tone compensation to match varying recording characteristics. In addition to the LA-69 this system includes the famous Garrard **RC121 4 Speed Record Changer** featuring full automatic and manual positions and Simple-mix operation; the new improved **VRII Variable Reluctance GE Triple Play Turnover Cartridge Model 4G-052** with genuine GE diamond and sapphire styli, and the celebrated Lafayette **SK-58 12" Coaxial Hi-Fi Speaker**. All units are supplied with plugs, jacks and prepared color-coded inter-connecting cables for quick easy installation. For 110-125 volt, 60 cycle AC. Shpg. Wt., 50 lbs.

HF-179—Complete Phono System..... Net **119.50**

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NEW!

Lafayette MATCHED HIGH FIDELITY

EVERYONE WANTS HIGH FIDELITY
NOW EVERYONE CAN AFFORD IT!



\$33.50

**LA-22
12 WATT
AMPLIFIER
WITH CASE**



\$49.50

**LT-25
FM-AM
Tuner
WITH CASE**

LAFAYETTE LA-22 12 WATT AMPLIFIER WITH CASE

The Lafayette LA-22 amplifier is a complete 12 watt power amplifier with built-in pre-amplifier-equalizer that brings you real high fidelity at low cost. Its wide range frequency response and low hum and distortion insure sparkling reproduction that will delight you. This undistorted power is achieved from circuitry employing the new premium quality EL84 tubes in a pentode connected balanced output circuit. Five inputs are provided for every type of crystal, ceramic or magnetic phono cartridge, for tuner and tape head as well as high level auxiliary input for such devices as TV audio, additional crystal phono, etc. A rear chassis switch changes from tape head to magnetic input. The front panel function selector and equalization switch gives instant choice of tuner aux, or phono with proper equalization for all types of records and tape head. Equalization positions are RIAA (LP), 78 for old type records, and NARTB equalized tape head. This last position also provides equalization for London (ffrrLP) and other European recordings.

The loudness control is a compensated volume control that approximates Fletcher-Munson characteristics to give you tonal balance at low listening levels. This control also operates the AC on and off switch. The bass and treble controls afford a wide variation of cut or boost for emphasis or deemphasis of highs and lows. Other features include an auxiliary AC receptacle on back to plug in a tuner or phono so it can be turned on or off with the amplifier switch. Provision is made for mounting in cabinet or on panel. It is attractively finished in fine grain hammer-tone copper shade that blends harmoniously with both modern and traditional decor. Its appearance matches the Lafayette LT-25 tuner. It comes complete with removable case.

SPECIFICATIONS

POWER: 12 watts normal, 24 watts peak. **FREQUENCY RESPONSE:** 30-20,000 cps \pm 1 db. **I.M. DISTORTION:** Less than 1 1/2% (60 and 7000 cps) at full rated output. **HUM:** Tuner 80 db below full output; phono 60 db below. **INPUTS:** 5: Tuner, crystal, phono, magnetic phono, tape head and aux. **CONTROLS:** 4: Function selector and equalization; bass, treble and loudness with AC on-off switch. **EQUALIZATION:** RIAA (LP), 78, TAPE HEAD (NARTB) OR LON. (ffrr) **TONE CONTROL RANGE:** 12 db cut or boost on bass and treble. **INPUT LEVEL:** For full output; 1/2 volt on tuner, crystal or aux., 8 mv. for magnetic phono or tape head. **DAMPING FACTOR:** 10. **TUBES:** 2-12AX7, 2-EL84 plus EZ81 rectifier and pilot light. **SPEAKER TERMINALS:** 8 and 16 ohms. **AC OUTLET:** Auxiliary AC outlet on rear controlled by front panel on-off switch. **MOUNTING:** Provision for mounting in cabinet or on panel. **SIZE:** 13 3/4" L x 6 3/4" D x 4 1/2" H including bumper feet. Knobs extend 3/8" in front of panel. **SHIPPING WEIGHT:** 15 lbs.

Model LA-22 amplifier.....

Net 33.50

Like its matching amplifier, the Lafayette LT-25 FM-AM tuner is a most unusual value. A glance at the specification chart will show that we have incorporated all the basic qualities that go into a fine high fidelity tuner. The circuit features temperature compensated oscillator for stability and low drift automatic frequency control to "lock in" the station and AFC defeat for precision tuning on weak stations. High sensitivity and selectivity are likewise achieved by having 3 stages of I.F. including limiter in the FM section plus 2 I.F. stages in the AM section. Wide range frequency response plus extremely low hum and distortion characteristics will bring in your FM programs clear, crisp and clean. Inertia flywheel makes tuning smooth. Has auxiliary AC outlet on rear for attaching a phono or other device to be turned on or off by tuner switch. Attractively finished in the same fine grained hammer-tone copper shade to match the LA-22 amplifier. A handsome edge-lighted dial further enhances the appearance. It comes complete with removable cover. Provision is included for mounting in cabinet or on panel if desired.

SPECIFICATIONS

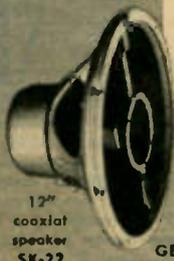
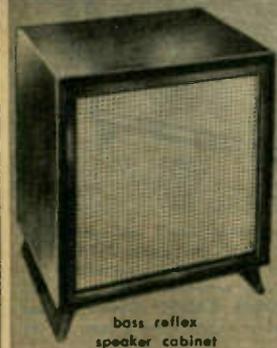
FM CIRCUIT: Armstrong circuit with limiter and Foster-Seeley discriminator, AFC and AFC defeat. **AM CIRCUIT:** Superheterodyne with automatic volume control. **FREQUENCY RANGES:** 88-108 MC and 530-1650 KC. **FREQUENCY RESPONSE:** 20-20,000 cps \pm 1 db on FM; 20-5000 cps \pm 3 db on AM. **FM DRIFT:** \pm 5 KC max. **HUM LEVEL:** 60 db below 100% modulation. **DISTORTION:** Less than 1% on FM; less than 1% on AM for up to 80% modulation. **CONTROLS:** Function switch for OFF, FM, FM/AFC, and AM; Tuning. **OUTPUT LEVEL—FM:** 2 1/2 V for 100% modulation. **ANTENNA INPUT:** Built-in AM ferrite loopstick antenna and 300 ohm FM line ant. Terminal for outside antenna. **RADIATION:** Meets FCC requirements. **OUTPUT IMPEDANCE:** High impedance output. **CONVENIENCE OUTLET:** 110V AC aux. outlet on rear. **TUBES:** 2-6AU6, 1 each 6AL5, 6BA6, 6BE6, 6U8, 12AT7 plus selenium rectifier. **SIZE:** 13 1/2" L x 4 1/2" H x 8-3/16" D. Height includes rubber bumper feet. Knobs extend 3/8" in front of panel. AM antenna 1 3/8" behind rear. **SHIPPING WEIGHT:** 15 lbs.

Model LT-25 FM-AM Tuner.....

Net 49.50

LAFAYETTE BUDGET PRICED HIGH FIDELITY PHONO SYSTEM

\$99.95



An excellent high fidelity phono system using the LA-22 amplifier described above. The Collaro 4-speed record changer is supplied complete with the latest GE VRII series magnetic variable reluctance cartridge with dual sapphire stylus. The base for the changer comes in either mahogany or blonde finish. The attractively styled consolette bass reflex speaker cabinet is made of 3/4" stock. It measures 20" wide x 16" deep x 23" high including the footed base. The front has a picture frame molding and fine quality plastic grille cloth to match finish of cabinet which is available in either ma-

hogany or blonde finish. The 12" coaxial speaker gives excellent reproduction of the audio spectrum. It is easily mounted by screws on the pre-cut baffle inside the cabinet. System includes simple instructions for quick assembly. Shipping weight entire system 75 lbs.

HF-188 complete system with mahogany finish base & cabinet.....Net 99.95
HF-189 complete system with blonde finish base & cabinet.....Net 101.95

NEW!



\$49.95 WITH CASE

LAFAYETTE DELUXE HI-FI FM TUNER

- 9 TUBES PLUS RECTIFIER
- 20-20,000 CYCLES \pm 1/2 DB
- SELF-CONTAINED AC POWER SUPPLY
- ARMSTRONG CIRCUIT
- FOSTER-SEELEY DISCRIMINATOR
- DUAL LIMITERS
- 3-GANG CONDENSER
- AFC • AFC DEFEAT

The Lafayette LT-60 FM tuner was designed for the large group of discriminating music lovers who confine their broadcast listening to FM (on which the only true high-fidelity broadcasting is done). By concentrating on pure FM, Lafayette engineers have produced a tuner that gives the utmost value possible in performance and quality. The circuit is the Armstrong circuit with Foster-Seeley discriminator and dual limiters. It provides extreme sensitivity which even pulls in "hard to get" stations. Temperature-compensated circuitry combined with automatic frequency control insures both drift-free operation and automatic "locking in" of stations. Function selector knob has positions for OFF, FM and FM/AFC so the AFC action can be defeated while tuning in weak stations. The exceedingly low hum level and wide-range flat frequency response gives you the full benefit of the finest in FM reception. The tuner has 9 tubes plus a selenium rectifier, a 3-gang condenser with a tuned RF stage, 4 IF stages (including dual limiters), mixer, discriminator and oscillator. Two outputs are provided; a cathode follower and a high impedance output. Input terminals for 300 ohm antenna are on rear of chassis. It is completely self-powered and wired, ready for operation.

The tuner is built on long, low modern lines, handsomely finished with brushed gold-brass front plate, dark maroon cover and attractive brass-inlay knobs. With its case, it may be used on a shelf or table-top. It mounts easily in cabinet or on panel, requiring only removal of cover and cutting a single rough hole in the panel. Size is 14" L x 7" W x 4 1/4" H. Comes complete with cover. Shpg. wt., 13 lbs.

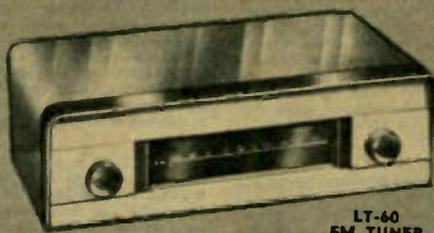
SPECIFICATIONS

CIRCUIT: Armstrong with Foster-Seeley discriminator, dual limiters, AFC and AFC defeat. **RANGE:** 88-108 MC. **FREQ. RESPONSE:** 20-20,000 cycles \pm 0.5 db. **DISTORTION:** Less than 1% harmonic. **SENSITIVITY:** 3-5 uv for 20-30 db quieting. **SELECTIVITY:** 200 KC bandwidth 6 db down. **HUM LEVEL:** 70 db below average output. **FM DRIFT:** \pm 5 KC max. **IMAGE REJECTION:** 40 db. **IF REJECTION:** 70 db. **OUTPUTS:** Cathode follower and high impedance. **CONTROLS:** Tuning and function selector (OFF-FM/AFC). **ANTENNA INPUT:** 300 ohms. **RADIATION:** Meets FCC requirements. **TUBES:** 4-6AU6, 1 each 6CB6, 12AT7, 6AL5, 6AB4, 6CA plus selenium rectifier. **SIZE:** 14" L x 7" W x 4 1/4" H. **SHIPPING WT:** 13 lbs. **LT-60 FM TUNER** Net **49.95**

LAFAYETTE DELUXE FM- PHONO MUSIC SYSTEM



AS LOW
AS
\$164.50

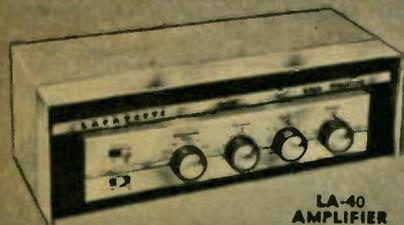


LT-60
FM TUNER

SK-58 12"
COAXIAL



GE "VR II"
DIAMOND-
SAPPHIRE

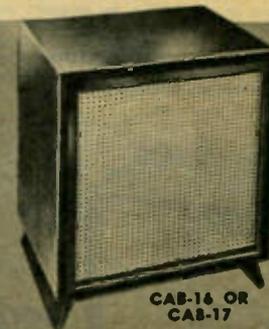


LA-40
AMPLIFIER



GARRARD
RC-121

PK-111
WOOD BASE



CAB-16 OR
CAB-17

A supreme value in top-performing components capable of pure, faithful musical reproduction to delight the souls of both modern and classical music lovers. Every component has been carefully chosen for best individual performance and Lafayette-designed to be perfectly matched for brilliant tonal results. Included among the components of this really deluxe system are: the **LAFAYETTE MODEL LT-60 FM TUNER** with Armstrong FM circuit, frequency response of 20 to 20,000 cps \pm 1/2 db, 3 microwatts sensitivity, and drift-free operation; and the **LAFAYETTE MODEL LA-40 "MUSIC MATE"** 15-watt amplifier, with response of 30 to 20,000 cps \pm 1 db, distortion below 1%, tape recorder output jack and premium-quality EL84 and ECC83 tubes; both the LT-60 and LA-40 are styled in dark maroon and gold. Also included in this system are: the famous **GARRARD MODEL RC-121** 4-speed automatic record changer with optional manual operation; the new General Electric VR II Series **MODEL 4G-052 "TRIPLE-PLAY" CARTRIDGE** with genuine GE diamond LP stylus and sapphire stylus for 78 rpm; the **LAFAYETTE**

MODEL PK-111 RECORD CHANGER BASE, smoothly joined and attractively finished in dark mahogany or blonde (please specify which); the famous **LAFAYETTE MODEL SK-58 12" COAXIAL SPEAKER**, rated at 20 watts, with response of 30-15,000 cps, with built-in crossover network and with brilliance control; and the **LAFAYETTE MODEL CAB-16** (Mahogany) or **MODEL CAB-17** (Blonde) lawboy console bass reflex speaker cabinet (please specify which), solidly built of the finest 3/4" stock. Shpg. wt., of system, 82 lbs.

IF PURCHASED SEPARATELY, THESE COMPONENTS WOULD COST 223.23

LAFAYETTE'S SPECIAL PRICE:

MODEL HF-208	Complete system as described.....	Net	199.50
MODEL HF-209	System as above but less PK-111 changer base and less CAB-16 or CAB-17.....	Net	164.50

CUSTOM PACKAGED HIGH FIDELITY

EASILY ASSEMBLED

COMPONENTS

AMPLIFIER	59.95
RECORD CHANGER	42.50
CARTRIDGE	8.95
SPEAKER	33.00
REGULAR PRICE	144.40

**LOWEST-PRICED
CUSTOM
PHONO SYSTEM
FEATURING FAMOUS
NAME COMPONENTS
ONLY 109.50
YOU SAVE 34.90**



HARMON-KARDON T-12
TUNER



GARRARD
RC-121
4-Speed
RECORD
CHANGER



HARMON-KARDON A-12
AMPLIFIER



NEW GE VRII DUAL
SAPPHIRE CARTRIDGE



UNIVERSITY
UXC-122
SPEAKER

Lafayette now makes it possible for every modest budget music lover to enjoy exciting wide range music reproduction with this low-cost phono system featuring famous name components. Here is what you get: Harman-Kardon A-12 12-watt amplifier having an excellent frequency response; Garrard RC-121 "Renown" 4-speed automatic and manual record changer with new GE VRII Series Triple-Play Variable Reluctance Cartridge and dual sapphire styl; the famous University UXC-122 12" 2-way difaxial speaker. System is complete with color-coded plugs and cables, ready for quick, easy installation. For 110-120 volts, 60 cycles AC. Shpg. wt., 35 lbs.

HF-206—Complete Phono System Less Tuner and Record Changer 109.50
Base.....

FM-AM RADIO PHONO SYSTEM—Same as above plus Harman-Kardon T-12 FM-AM Tuner in handsome copper with black case. Shpg. wt., 45 lbs. Net 179.50

HF-207—Radio Phono System Less Record Changer Base.....Net 3.95

PK-111—Record Changer Base in Mahogany or Blonde. Specify Finish. Shpg. wt., 5 lbs. Net 3.95

COMPONENTS

AMPLIFIER	99.60
RECORD CHANGER	42.50
CARTRIDGE	19.33
CHANGER BASE	3.95
SPEAKER	66.00
SPEAKER CABINET	29.50
REGULAR PRICE.....	260.78

**COMPLETE DELUXE
CUSTOM PHONO
SYSTEM
NO ADDITIONAL
CABINETS NEEDED!
ONLY.....208.50
YOU SAVE.....52.28**



Pilot AA-920 Amplifier



Lafayette CAB-16
Speaker Cabinet



Electro-Voice
12TRXB Speaker



Garrard
RC-121
4-Speed
Record
Changer



New GE VRII Triple
Play Cartridge with
Diamond-Sapphire Styl

Know the pleasure of real high-fidelity sound with this deluxe yet economical grouping of exceptionally fine components. Complete in itself; requires no special cabinets. Heart of the system is the outstanding Pilot AA-920 20-watt amplifier and audio control center with frequency response of 20 to 20,000 cps \pm 1db at 20 watts with less than 1% distortion, finished in burgundy and brushed brass. Included also are the superb Electro-Voice Model 12TRXB 3-way triaxial speaker with high frequency level control; the famous Garrard RC-121 4-speed automatic and manual full intermix record changer, equipped with the NEW GE VRII Series Model 4G-052 Variable Reluctance Triple Play Cartridge with genuine GE diamond-LP and sapphire-78rpm styl; the Lafayette PK-111 changer base of finest veneers, finished in dark mahogany or blonde (please specify which); and the Lafayette CAB-16 bass reflex speaker cabinet, solidly made of 3/4" stock (finished in mahogany or walnut—please specify which). System comes with color-coded plugs and interconnecting cables for simple installation. For 110-120 volts, 60 cps AC. Shpg. wt., 82 lbs.

HF-180—Deluxe Phono System with Cab-16 Resonator Speaker Enclosure and Mahogany Changer Base. SPECIAL LAFAYETTE PRICE—Net 208.50

HF-181—Deluxe Phono System with Cab-17 Resonator Speaker Enclosure and Blonde Changer Base.....Net 210.50

UNSURPASSED HIGH FIDELITY SOUND FISHER FM-AM CUSTOM MUSIC SYSTEM

COMPONENTS

AMPLIFIER	99.50
PREAMPLIFIER	99.50
TUNER	169.50
RECORD CHANGER	54.50
CARTRIDGE	37.50
SPEAKER	162.50
REGULAR PRICE.....	623.00

**ONLY.....498.40
YOU SAVE..... 124.60**

A feature-packed Lafayette music system for the most critical audiophile who wants the very best high fidelity performance. Perfectly matched components have been selected, each representing the ultimate in verbatim sound-reproducing capability. This is a system anyone would be proud to own, to install in the most richly-furnished living room, to demonstrate to his friends and neighbors—or just to listen to fine music for the sheer joy in listening if it is possible to obtain with this equipment. Here is what you get: The world-renowned Fisher Model 80-R FM-AM tuner, with separate AM and FM tuning meters, extremely high sensitivity for distant and hard-to-get local stations, FM frequency response 20 to 20,000 cps \pm 1/2db (supplied less cabinet); the Fisher Model 80-AZ Laboratory Standard 30-watt amplifier with response of 10-50,000 cps \pm 1db and less than 1/2% distortion at 30 watts and with "Power Scope" visual peak power indicator; the Fisher Model 80-C Master Audio Control preamplifier with full facilities for adding either a tape recorder or tape mechanism to the system later (supplied less cabinet); the Garrard Model RC-88 imported British 4-speed deluxe automatic and manual record changer with watch-like construction and equipped with the outstanding Fairchild Model 225A LP cartridge with diamond stylus; and the Stephens Model 206AXA "Trusonic" 15" coaxial speaker with 7 1/2 lb. magnet and multi-cellular high frequency horn. System comes complete with color-coded plugs and interconnecting cables, ready for installation. For 110-120 volts, 60 cps AC. Shpg. wt., 95 lbs. less covers for Tuner and Preamplifier

HF-169—Complete FM-AM Music System.....SPECIAL LAFAYETTE PRICE—Net 498.40

FISHER-CRAFTED CABINET FOR 80-R—Mahogany or Blonde. Specify which and ADD to above system.....Net 17.95

FISHER-CRAFTED CABINET FOR 80-C—Mahogany or Blonde. Specify which and ADD to above system.....Net 9.95



Fisher Model 80-R
FM-AM TUNER



Fisher Model 80-AZ
Amplifier



Fairchild
225A
LP
Cartridge



Garrard RC-88
4-Speed Record Changer



Stephens 206AXA
15" Coaxial Speaker



Fisher Model 80-C
Preamplifier

MUSIC SYSTEMS BY LAFAYETTE

Specially Low Priced

DELUXE FM-AM CUSTOM MUSIC SYSTEM COMPONENTS

ONLY.....316.95
YOU SAVE...77.38

TUNER-AMPLIFIER	249.50
SPEAKER	83.00
RECORD CHANGER	42.50
CARTRIDGE	19.33
REGULAR PRICE.....	394.33



Bring out the best in your record and tape collections and radio programs with this perfectly balanced music system. The superior Fisher TA-500 3-in-1 unit provides an extreme sensitivity FM-AM tuner, a powerful 30-watt amplifier and an audio control center—all on one compact chassis (supplied less cabinet). The famous University 6303 15" 3-way "Diffaxial" speaker with exclusive "diffusicon" design and coaxially mounted tweeter provides rich bass response down to 30 cps and high frequency response to the threshold of audibility. Included is the world-famous Garrard RC-121 4-speed automatic and manual changer, equipped with the NEW GE VRII Series Model 4G-052 "triple-play" variable reluctance cartridge with genuine GE diamond stylus for LP and sapphire stylus for standard recordings. System is supplied complete with color-coded plugs and interconnecting cables. For 110-120 volts, 60 cps AC. Shpg. wt., 55 lbs.

HF-184—Complete FM-AM Phono System less cabinet and base.
SPECIAL LAFAYETTE PRICE—Net 316.95

FISHER CABINET FOR TA-500—Blonde or Mahogany. Please specify which and ADD to above.....Net **19.95**

PK-111—Record Changer Base in Mahogany or Blonde.....Net **3.95**

MODERATELY PRICED FM-AM CUSTOM MUSIC SYSTEM COMPONENTS

ONLY.....211.45
YOU SAVE..52.88

TUNER-AMPLIFIER	139.50
SPEAKER	64.00
RECORD CHANGER	41.50
CARTRIDGE	19.33
REGULAR PRICE.....	264.33



You'll be proud to install these fine high-fidelity components in your most treasured furniture pieces or custom cabinets. The feature of this system is the compact, smartly styled FM-AM Harmon-Kardon Tuner Amplifier TA-12 mounted on a single chassis housed in a copper and black metal case. The 12-watt Amplifier has a smooth, low distortion response of 20-25,000 cps; sensitivity of the FM section is 5 microvolts for 30 db quieting. University UXC-123 25-watt, 12" 3-way diffraxial provides a response of 45-17,500 cps with its expertly designed "diffusicon" element and new UXT-5 super-tweeter and brilliantly designed Callara RC-440 fully automatic and manual 4-speed record changer with fully automatic intermixing of 7", 10" and 12" records, is equipped with the NEW GE VRII Series "Triple-Play" Variable Reluctance Cartridge including a genuine GE diamond stylus for LP and sapphire stylus for standard recordings. This music system is supplied with color-coded plugs and interconnecting cables to provide quick, easy installation of the components. For 110-120 volts, 60 cycles AC. Shpg. wt., 47 lbs.

HF-183—Complete FM-AM Radio-Phono Music System less base
SPECIAL LAFAYETTE PRICE—Net 211.45

PK-111—Record Changer Base in Mahogany or Blonde.....Net **3.95**

OUTSTANDING HI-FIDELITY PERFORMANCE COMPLETE CUSTOM BOGEN MUSIC SYSTEM COMPONENTS

ONLY.....307.50
YOU SAVE..... 79.78

TUNER	119.50
AMPLIFIER	115.00
SPEAKER	33.00
RECORD CHANGER	42.50
CARTRIDGE	19.33
REGULAR PRICE.....	387.28

Here is a system that provides you with unbelievable realism in the reproduction of broadcast and recorded program material. Each component has been selected to give maximum value in its price class, and assure top operating efficiency in the system. A few moments of listening to your favorite symphonic recording will convince you of the unusually smooth, full-range response. Included in this system is the Bogen R660 FM-AM Tuner with an extreme sensitivity of 2.5 microvolts for 30 db quieting, very fine selectivity, flat frequency response dual limiters and a Foster-Seeley discriminator. Coupled with the tuner is Bogen's equally fine DB-130 35-watt amplifier with a frequency response of 15-30,000 cps ± 0.5 db. Equalization controls, a variety of inputs, built-in preamplifier, speaker selector, bass and treble controls, are only a few of the highlights of this extremely flexible amplifier. University 6303 15" 25-watt coaxial speaker provides smooth, brilliant reproduction over the entire audible frequency range. Garrard RC-121 fully automatic and manual 3-speed record changer is supplied complete with a GE variable reluctance turnover cartridge including a genuine GE diamond stylus for LP and sapphire stylus for standard recordings. All units are supplied with color-coded plugs and interconnecting cables for quick, easy installation. For 110-120 volts, 60 cycles AC. Shpg. wt., 68 lbs.

HF-161.....Complete FM-AM Radio-Phono Music System less metal enclosures NET **307.50**
 Metal enclosure for Bogen R660 Tuner.....NET **7.00**
 Metal enclosure for Bogen DB-130 Amplifier.....NET **7.50**
 HF-162—Complete Phono System as above less Tuner. Shpg. wt., 51 lbs.....Net **207.50**



Lafayette DELUXE HI-FI CUSTOM SYSTEMS

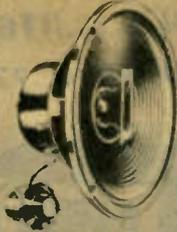
THE MOST FOR YOUR MONEY IN CAREFULLY SELECTED FAMOUS BRANDS

Each hi-fi system listed below has been painstakingly selected and is recommended by Lafayette as a "best-buy". You enjoy big savings when you buy a complete system, since they are priced at far less than the total cost of the individual components. The amount you save is clearly shown in each listing. All systems are ready to use and are supplied with color-coded plugs and interconnecting cables for quick simple installation.

PILOT PHONO SYSTEM

Pilot AA-903B Amplifier.....	79.95
Electro-Voice 12TRXB 12" Coaxial	
Coaxial	66.00
Garrard RC-121 4-Speed	
Changer	42.50
PK-111 WOOD BASE.....	3.95
NEW GE Diamond-Sapphire Cart. 19.33	
Regularly	207.78
HF-168. Sale Price.....	166.15
You Save	41.55
Shpg. wt., 47 lbs.	

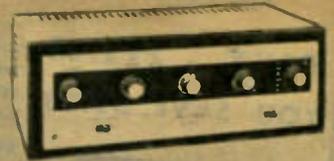
Electro-Voice
12TRXB 12" Coaxial



Garrard RC-121
4-Speed Changer



NEW GE DIAM.-SAPH.
CARTRIDGE



Pilot AA-903B Amplifier

FISHER PHONO SYSTEM

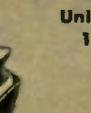
Fisher CA 40 Amplifier.....	139.50
University 6303 15" Speaker	83.00
Garrard RC-121 4-Speed	
Changer	42.50
PK-111 WOOD BASE.....	3.95
NEW GE Diamond-Sapphire Cart. 19.33	
Regularly	288.28
HF-174. Sale Price.....	230.68
You Save	57.60
Shpg. wt., 57 lbs.	



Fisher CA 40 Amplifier



Garrard RC-121
4-Speed Changer



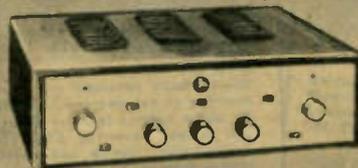
NEW GE DIAM.-SAPH.
CARTRIDGE

University 6303
15" Speaker



SCOTT PHONO SYSTEM

Scott 99C Amplifier less case	99.95
Electro-Voice 12TRXB Triaxial	66.00
Garrard RC-121 4-Speed	
Changer	42.50
PK-111 WOOD BASE.....	3.95
NEW GE Diamond-Sapphire Cart. 19.33	
Regularly	231.73
HF-175. Sale Price.....	185.39
You Save	46.34
Case Extra..... 9.95	
Shpg. wt., 47 lbs.	



Scott 99D Amplifier



Garrard RC-121
4-Speed Changer

Electro-Voice
12TRXB Triaxial



NEW GE
DIAMOND-SAPPHIRE
CARTRIDGE



BELL FM-AM RADIO-PHONO SYSTEM

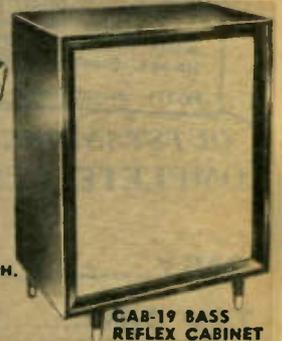
BELL 2520 FM-AM TUNER.....	95.00
BELL 2325P AMPLIFIER (less cage)	99.95
UNIVERSITY UXC-123 SPEAKER	64.00
CAB-19 BASS REFLEX CABINET....	49.50
COLLARO RC-440 4-SPEED CHANGER	41.50
NEW GE DIAMOND-SAPPHIRE	
CARTRIDGE	19.33
PK-111 WOOD BASE.....	3.95
Regularly	373.23
HF-204.....Special Price	299.50
You Save	73.73
Specify Mahogany or Blonde Finish for Wood Base and Cabinet.	
Amplifier Cage Extra.....	9.80
Shpg. wt., 115 lbs.	



BELL 2520
FM-AM
TUNER



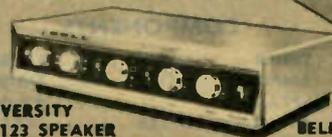
COLLARO
RC-440 4-SPEED
CHANGER ON BASE



CAB-19 BASS
REFLEX CABINET



UNIVERSITY
UXC-123 SPEAKER



BELL 2325 AMPLIFIER

NEW GE DIAM.-SAPH.
CARTRIDGE

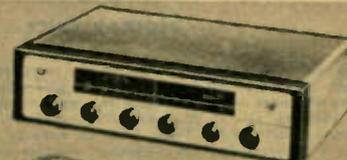


HARMON-KARDON FM-AM RADIO-PHONO SYSTEM

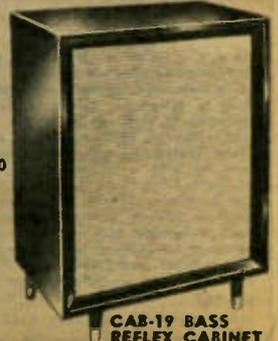
HARMON-KARDON TA-104D	
TUNER AMPLIFIER.....	250.00
UNIVERSITY 6303 15" SPEAKER	83.00
CAB-19 BASS REFLEX CABINET	49.50
COLLARO TC-340 4-SPEED	
CHANGER	37.50
NEW GE DIAMOND-SAPPHIRE	
CARTRIDGE	19.33
PK-111 WOOD BASE.....	3.95
Regularly	443.28
HF-205.....Special Price	354.60
You Save	88.68
Specify Mahogany or Blonde Finish for Wood Base and Cabinet.	



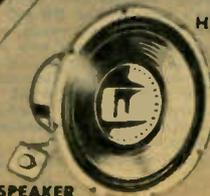
COLLARO
TC-340 4-SPEED
CHANGER ON BASE



HARMON-KARDON TA 1040
TUNER-AMPLIFIER



CAB-19 BASS
REFLEX CABINET



UNIVERSITY 6303 SPEAKER

NEW GE
DIAMOND-SAPPHIRE
CARTRIDGE



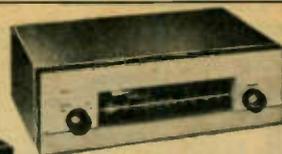
Lafayette For NEWEST harman kardon COMPONENTS



T-120



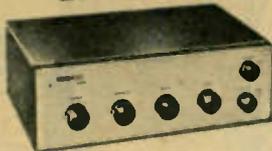
TA-12



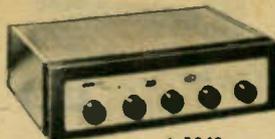
T-12



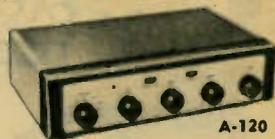
T-1040



A-12



A-1040



A-120

TA-12 "SOLO" FM-AM TUNER AND 12 WATT AMPLIFIER

Combines FM-AM tuner, preamp and 12 watt hi-fi amplifier on one compact chassis. Famous Harman-Kardon smart styling. Ideal for a space-saving hi-fi system—needs only a speaker and it's ready to play. Armstrong FM circuit with sensitive low-noise front and including tuned triode grounded grid amplifier and triode mixer. Automatic frequency control. AM superheterodyne with AVC and ferrite antenna. All the fine features of the T-12 tuner and A-12 amplifier are included. Output 12 watts at less than 1% harmonic and 2% intermodulation distortion. Response 20-25,000 cps \pm 1 db at 12 watts. Hum at Phono input—60 db below 12 watts; at Aux or Tuner—70 db. Controls: Function switch (Aux., AM, FM, FM-AFC, RIAA-RUMBLE, RIAA, LP, EUR); Loudness (with on-off power switch), Treble (\pm 12 db at 10,000 cps); Bass (\pm 12 db at 50 cps); Tuning; Contour, Speaker Selector; Scratch Filter. Uses new ECC85 (2), EZ 81 (1), EL84 (2) tubes. Copper control panel, matte black cage and knobs. Power requirements 90 watts, 110-120 volts, 50/60 cps AC. Radiation within FCC specs. Dimensions 14 1/4" w x 13 1/2" d x 4 1/2" h. Shpg. wt., 20 lbs.

HARMON-KARDON TA-12Net 139.50

T-12 "OVERTURE II" FM-AM TUNER

New 1958 model provides remarkable performance at low cost. Features perfected printed wiring for optimum performance. Armstrong FM with Automatic Frequency Control, broadband superheterodyne AM with AVC and ferrite antenna, flywheel precision tuning. Handsome outstanding Harman-Kardon styling in copper and black. Designed to match any hi-fi amplifier with controls. FM frequency response 20-20,000 cps \pm 1/2 db; drift \pm 5 kc. max; sensitivity 5 mv for 30 db quieting, 3 mv for 20 db quieting; less than 1% harmonic distortion; radiation meets FCC requirements. Controls: Function switch (Off, FM-AFC, FM, AM), and Tuning. Hum level 60 db below 100% modulation. Output levels: FM—2 1/2 volts, AM—1 volt. Two high impedance output jacks. Edge-lighted dial glass, yellow and white. Tubes: 2-ECC85, 6BE6, 6BA6, 2-6AU6, 6AL5; selenium rectifier. Dimensions 12 1/2" x 9" x 3 3/8". Power consumption 30 watts, 117 volts, 50/60 cps AC. Shpg. wt., 10 lbs.

HARMON-KARDON T-12Net 84.50

A-12 "PRELUDE II" 12 WATT AMPLIFIER

Ideal companion for T-12 or similar tuners. Input for tape head with NARTB playback equalization. 12 watts at less than 1% harmonic or 2% IM distortion. Response 20-25,000 cps \pm 1 db at 12 watts. Sensitivity: Tuner, Aux—0.5 v.; Phono—3 mv. [will not overload below 180 mv.]; Tape—1-2 mv. Equalizations RIAA with rumble filter, RIAA, LP, EUR. Controls: Contour, Loudness, Bass, Treble, Function, Speaker Selector. Tape recorder output. Copper finish control panel and bottom plate, matte black cage and knobs. Power consumption 60 watts; 117 volts, 50/60 cps AC. Dimensions 12 1/2" x 7 3/8" x 3 3/8". Shpg. wt., 12 lbs.

HARMON-KARDON A-12Net 59.95

T-1040 "THEME II" FM-AM TUNER

An outstanding FM-AM tuner using printed circuitry throughout. New automatic noise gate circuit included to suppress interstation FM noise, variable automatic frequency control and high sensitivity result in extraordinary performance. Armstrong circuit with dual limiters. Low noise, all triode front with tuned RF amplifier and triode mixer. AM: Superhet with tuned RF stage and ferrite loop. Sensitivity: FM—2 microvolts for 30 db quieting; 1.5 microvolts for 20 db quieting; AM: terminal sensitivity: 5 microvolts. FM Drift: 1 KC with AFC on; 2 1/2 KC with AFC off. Distortion less than 1% harmonic on FM. Tuning Meter: FM discriminator balance, AM carrier level. Cathode follower output. Tubes total 11 plus selenium rectifier. Radiation: within FCC requirements. Size 13 3/4" wide, 3 3/8" high, 10 3/4" deep; escutcheon and cage brushed copper, display panel matte black. For 110-120 volt 60 cycle AC. Shpg. wt. 14 lbs.

HARMON-KARDON T-1040Net 140.00

A-120 "MELODY II" 20 WATT AMPLIFIER

Melody II is an altogether new 20 watt high fidelity amplifier employing printed wiring and a new highly efficient low heat generating circuit. Output level 20 watts at 1% IM; peak power 30 watts. Frequency response \pm 1 db at 20-20,000 cps at 20 watts \pm 0.5 db at 15-40,000 cps at 10 watts. Damping factor 20. Aux. and tuner hum 70 db below 20 watts. DYNAMIC LOUDNESS CONTOUR:—6 positions Rumble filter 2 position. RECORD EQUALIZATION:—LP, RIAA, EUR, TAPE EQUALIZATION: Standard fixed equalization selectable for 15, 7.5 and 3.75 IPS. TUBES: 2-12AX7, 1-12AV6; 1-12AT7; 2-12AB5; 2-6X4. ESCUTCHEON AND CAGE: brushed copper, display panel, matte black. For 110-120 volt 60 cycle AC operation. Size: 12 1/2" wide, 3 1/4" high, 7 1/2" deep. Shpg. wt., 15 lbs.

HARMON-KARDON A-120Net 99.95

A-1040 "TREND II" 40 WATT AMPLIFIER

40 watts at less than 0.3% harmonic and 1% IM distortion. 20-20,000 cps \pm 1 db at 40 watts. Variable damping factor. Controls: Contour, Loudness, Bass, Treble, Function (LP, RIAA, EUR, Tuner, Aux 1, Aux 2, Tape 15, 7.5, 3.75 IPS), Rumble Filter, Spkr Selector. Dimensions 13 3/4" x 9 1/4" x 3 3/8". Shpg. wt., 25 lbs.

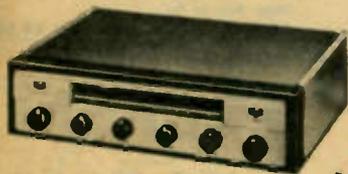
HARMON-KARDON A-1040Net 125.00

T-120 "RONDO" FM-AM TUNER

A truly superb FM-AM tuner with new printed circuitry. A feast for the eyes as well as the ears, its brushed copper and black color lends a welcome color contrast. Armstrong circuit with limiter and Foster-Seeley Discriminator. Automatic frequency control. Low noise front-end consisting of tuned triode, grounded grid amplifier and triode mixer. Rumble filter. AM: Superheterodyne with A.V.C.—10 KC whistle filter. FM Drift: \pm 5 KC maximum. Frequency response \pm 1/2 db, 20 to 20,000 cps. Two cathode follower outputs, 8 tubes plus rectifier. Controls (total 2) Function (off, FM-AFC, FM, FM-AFC-Rumble Filter); AM and tuning; Level control permits attenuation of output signal. Radiation: Within FCC requirements Has two ECC85 tubes. Dim. 12 1/2" w x 8 3/4" d x 2 7/8" h. For operation from 110-120 volts 60 cycle AC. Shpg. wt., 12 lbs.

HARMON-KARDON T-120Net 99.95

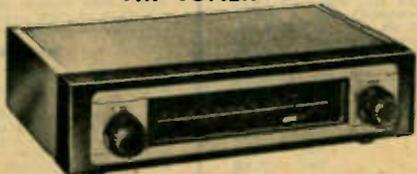
TA-120 "RECITAL II" FM-AM TUNER AND 20 WATT AMPLIFIER



Recital II is a deluxe high fidelity electronic system, combining a sensitive FM-AM tuner and an extremely flexible preamplifier and a twenty watt power amplifier on a single chassis. Armstrong circuit with limiter and Foster-Seeley discriminator. Automatic frequency control—low noise front end: AM—A.V.C. Sensitivity: FM—3 microvolts for 20 db quieting Selectivity: FM-IF bandwidth 200 KC at 6 db down; discriminator 375 KC, peak-to-peak. Audio Output: 20 watts at 1% IM. Peak power; 30 watts. Frequency Response: 20-20,000 cps at 20 watts \pm 1 db, 15-40,000 at 10 watts. Damping factor 20. Output Impedance: 8 and 16 ohms, 70 volts. Controls: 8; Tuning, Loudness, Bass, Treble, Function, (AM, FM-AFC, FM, AUX, EUR, LP, RIAA, TAPE), rumble filter, Contour, Speaker Selector. Tubes total 14 plus selenium rectifier. Size: 15 1/4" wide, 3 3/8" high, 14" deep. Escutcheon and cage brushed copper; display panel, matte black. Radiation: Within FCC requirements. For 110-120 volt AC 60 cycle. Shpg. wt., 22 lbs.

HARMON-KARDON TA-120Net 189.95

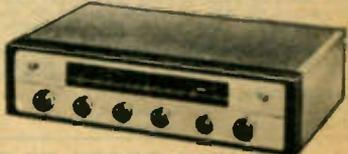
FM-100 "COUNTERPOINT II" FM TUNER



Extremely sensitive FM tuner, incorporating all the newest refinements in FM circuitry. Dual limiters and discriminator. Variable automatic frequency control, variable automatic noise gate (to eliminate between-station hiss), sensitive low-noise front end consisting of tuned triode grounded grid amplifier and triode mixer. Rumble filter. Sensitivity 3 mv. for 30 db quieting, 2 mv. for 20 db quieting. Less than 1% harmonic distortion. Response \pm 1/2 db 20-20,000 cps. Hum 60 db below 100% modulation. Radiation within FCC standards. Output voltage 2 1/2 volts for 100% modulation. Cathode follower output, low impedance, plus high impedance multiplex terminal. Discriminator balance tuning meter. AFC defeat. Controls: Tuning with concentric Automatic Noise Gate, AFC and Power; on rear panel-Meter Balance, Output Level, Rumble Filter. Tubes: 2-ECC85, 6CA, 3-6AU6, 6AL5, 12AU7, selenium rectifier, IN34 crystal diode. Power consumption 35 watts; for 117 volts, 50/60 cps AC. Dimensions 12 1/2" w x 7 1/4" d x 2 7/8" (with runners 3 3/4") h. Shpg. wt., 12 lbs.

HARMON-KARDON FM-100Net 99.95

TA-1040 "FESTIVAL II" FM-AM TUNER and 40 WATT AMPLIFIER



Festival II is a brilliant high fidelity system—FM-AM tuner, professional quality preamplifier and 40 watt power amplifier on a single chassis. Armstrong circuit with dual double tuned limiters; variable automatic frequency control. Sensitivity: FM: 2 microvolts for 30 db quieting; 1.5 microvolts for 20 db quieting. AM: 30 microvolts/meter. Audio Section: Output—40 watts at 1% IM; frequency response \pm 1 db 20-20,000 cycles cps at 40 watts. Damping factor: 20. Output impedance 8 and 16 ohms, 70 v. Dynamic loudness contour 6 positions; rumble filter; Tubes (total 21) 2-12AX7, 1-12AV6, 1-12AT7, 4-12AB5, 2-E2B1, ECC85, 1-6BK7A, 2-6BA6, 3-6AU6, 6BE6, 1-6AL5, 2-12AU7, selenium rectifier. Size: 16 1/2" w x 14" d x 3 3/8" h. Finishes: escutcheon and cage brushed copper, display panel matte black. Radiation: within FCC requirements. For 110-120 volt AC 60 cycle. Shpg. wt. 30 lbs.

HARMON-KARDON TA-1040Net 250.00

LAFAYETTE

Selected Hi-Fi Units...

LATEST BOGEN HI-FI COMPONENTS



BOGEN R660 FM-AM TUNER

Extremely sensitive and highly stable on FM and AM, new AFC circuitry provides tighter oscillator frequency control and insures continuous distortionless output. Provision for balanced 300 ohm input, as well as shielded 70 ohm input. This insures improved sensitivity and greater freedom from ignition and other interference. Also built-in line antenna for strong signal areas. AVC on FM insures proper selectivity, and avoidance of strong station interference in very strong signal areas. Double limited and Armstrong discriminator provides full limiting on very weak signals. Tuning meter on both AM and FM makes possible simple and easy tuning in for minimum noise and distortion. Available in chassis form or in handsome metal enclosure. Tubes used: 2 each 6BA6 and 6AU6; 1 each 12AT7, 6U8, 6BJ7, 6BE6, 12AU7 and 6X4 rectifier. Sizes 12" x 11" x 5 1/2". For 110-125 Volt AC operation. Shpg. wt. 17 lbs.

R-660 less enclosure NET 122.50
ACB (Blonde) or ACM (Mahogany) metal enclosures with legs Net 7.00

FM 50 HI-FI FM TUNER

A superb tuner that is comparable to Model R660 that covers only the FM band. FM 50 Net 87.50
ACB (Blonde) or ACM (Mahogany) enclosure with legs Net 7.00

NEW BOGEN R620 FM-AM TUNER

Here is a high fidelity tuner for those who require fine FM-AM music reproduction at a moderate cost. A remarkably effective AFC circuit, flywheel drive and lighted dial pointer assure easy precise tuning through the full FM and AM bands. The FM circuit features a built-in line cord antenna, triode RF and triode mixer for minimum noise, balance ratio detector and an AVC circuit which prevents overloading under strong signal conditions. The R620 accommodates both 300 ohm balanced and 70 ohm unbalanced external FM antennas and has a high "Q" AM ferrite loop antenna. There is only 2% distortion at 1 volt on both AM and FM. Has a Tuning control and Selector with POWER OFF, AM, FM, and AFC DEFEAT positions. Frequency range from 88-108 MC on FM and 530-1620 KC on AM. FM sensitivity 10 UV required for 30 db quieting. AM, 5 UV required for 20 db quieting. FM Selectivity, 180 KC bandwidth, 3 db down, AM, 7KC bandwidth, 3 db down. The FM ratio detector has a peak-to-peak separation of 350 KC. Frequency response is ± 1 db 15-15,000 CPS FM, and ± 3 db 15-3500 CPS AM. Tube complement includes 1-12AT7, 1-6BA6, 1-6BE6, 1-6AU6, 1-6AL5 and 1-6X4. Power, 30 watts, 117 volts, 60 CPS. Dimensions - 12" wide x 11 1/2" deep x 4 3/8" high (5 3/8" high with ACB or ACM enclosure and legs.) Shpg. wt., 11 lbs.

Model R620, less enclosure Net 89.95
ACB (Blonde) or ACM (Mahogany) Metal enclosure with legs Net 7.00

MODEL RR-501C FM-AM RECEIVER

Here is high-fidelity radio reception at surprisingly moderate cost. The new Bogen Model RR-501B receiver combines, on a single compact chassis, a superheterodyne FM-AM tuner, a versatile preamplifier, and a 10-watt power amplifier. This model need only be connected to a loudspeaker and it is ready to play.

TECHNICAL SPECIFICATIONS: Frequency Range: FM: 88-108 MC, AM: 530-1650 KC. Sensitivity: FM: 8 microvolts for 30 db quieting (IRE method). AM: 5 microvolts for 20 db signal-to-noise. Selectivity: FM: 180 KC, 3 db, AM: 8 KC, 3 db. FM Ratio Detector Peak to Peak Separation: 325 KC. Frequency Response: FM: 30-15,000 cps ± 1 db, AM: 40-4,000 cps ± 3 db. Power Output: 10 watts at 3% distortion. Controls: 1. Volume, 2. Bass, 3. Treble, 4. Equalizer-Selector (POP 78, LP, FM, AM, AUX), 5. Tuning. Tubes: (Total 11) 3-12AT7, 1-6BE6, 1-6BA6, 1-6AU6, 1-6AL5, 1-6AV6, 2-6V6, 1-5Y3GT. Output Impedance: 4, 8, 16 ohms. Power Consumption: 90 watts, 117 volts, 60 cps, A.C. Dimensions: 15" wide, 11" deep, 4 3/8" high - (5 3/8" high with CCB or BCM enclosure and legs. Shpg. wt. 18 lbs.

Model RR-501C Receiver Chassis Net 134.50
CCB Blonde-finished metal enclosure Net 7.50
BCM Mahogany-finished metal enclosure Net 7.50

THE NEW BOGEN DB-130 AMPLIFIER

The superb new Bogen DB-130 combines truly professional performance quality with every significant feature and refinement known to the audio art.

TECHNICAL SPECIFICATIONS: Power Output: 35 watts. Tone Burst Peak Power: 100 watts. Frequency response: 15-30,000 cps ± 0.5 db. Harmonic Distortion: 0.3% at 35 watts. Intermodulation Distortion: Less than 1.5% at 35 watts. Gain: Phono (Lo Max) 113 db; Phono (Hi Max) 105 db; Aux, Tape, tuner: 85 db. Burn and Noise: Fundamental: 85 db; Low Level Inputs - 60 db; High Level Inputs - 80 db. Inputs: Low Magnetic, High Magnetic, Hi-Fi Crystal, Tuner, Tape, Auxiliary. Outputs: Speaker(s), Tape. Controls: Power (ON-OFF), Volume, Bass: +15, 0, -15 db; Treble: +15, 0, -15 db; Contour (Loudness Contour): 0, -5, -10, -20, -30 db; Selector (Inputs): Phono, Radio, Tape, Aux, Equalizer: EUT8, US78, AES, RIAA, COL, LP, NAB, POP, Damping Factor: +0.1, -1.5, -1.5 (continuously variable). Lo Filter: Flat, 50c, 100c. High Filter: Flat, 8kc, 4kc. Speaker Selector: A, AB, B. Tape Monitor (ON-OFF). AUX ADJ: Auxiliary channel level-set control. Hum Adj: Adjustment for minimum hum. Output Impedances: 16, 8, 4 ohms. TUNER TAP, AUX - 500K, 117 volts 60 cps. Tubes: (Total 9) Two 12AX7, Two 6CG7, One 12AU7, Two 6AV6/GT. Two 5Y3GT. Overall dimensions: 15" wide x 12" deep x 4 3/8" high (5 3/8" high with CCB or BCM enclosure and legs.) Shpg. wt., 24 lbs.

DB-130 Amplifier Chassis Net 119.95
CCB Blonde-finished metal enclosure Net 7.50
BCM Mahogany-finished metal enclosure Net 7.50

BOGEN RR550 DELUXE AM-FM RECEIVER

Space-saving design and superb engineering are combined in the RR550 to give you the best in one-chassis high fidelity. It has a high-powered combination of tuner, preamplifier and 25-watt amplifier. AVC on FM and AM. Sensitivity: FM: 2.5 μ v for 30 db quieting; AM: 5 μ v for 20 db signal-to-noise. Frequency Response: FM: 15-15,000 cps $\pm 1/2$ db. Detector: Foster-Seelye discriminator and double limiter. Controls: Power Off-On; Volume; Loudness Contour (0, -10, -20); Function Selector: (AM, FM, AFC Off, Aux, Phono); Equalizer (POP, NAB, LP, COL, RIAA, Eur 78); Bass; Treble; Tuning; Tuning Meter; Speaker Selector (A, B); High Filter (Flat, 6 kc); Low Filter (Flat, 100 cps). Antenna: Built-in antenna for FM and AM, provision for 300 ohm or 70 ohm external antenna. Distortion: Less than 0.3% at 35 watts. Inputs: High and Low magnetic phono, Hi-Fi crystal. Auxiliary: Power: 25 watts, tone burst peak, 90 watts. Tubes: 18, including two 6AU6GT output tubes. Chassis Size: 14 1/2" x 11 1/2" x 4 1/4". Shpg. wt., 25 lbs.

Model RR550 Receiver—Chassis only Net Each 224.50
Model CCB (Blonde) or CCM (Mahogany) Cabinets Net Each 8.00

BOGEN DB-115 - 15 WATT AMPLIFIER

Model DB-115 has been designed to meet the needs of critical audiophiles who want a highly versatile 15-watt amplifier with extremely low distortion - a built-in preamplifier with provisions for inputs from radio tuner, tape recorder, television set and phonograph with magnetic cartridges as well as crystal, ceramic and other constant-amplitude cartridges. **SPECIFICATIONS:** Power Output: 15 watts. Peak Power: 30 watts. Power Consumption: 80 watts, 117 volts, 60 cps. Gain: Tuner: 80 db; Phono, tape: 116 db. Sensitivity: Tuner: 0.2 volts; Phono, Tape: 3 mv. Frequency Response: 15 to 35,000 cps ± 0.5 db. Distortion: Less than 0.5% at rated output. Hum and Noise: Fundamental: - 90 db. Low Level Inputs: - 60 db. High Level Inputs: - 85 db. Inputs: Tuner, Mag. Tape, Hi-Fi Crystal, Aux. Controls: Volume, Bass, Treble, Loudness Contour Selector, Equalizer-Input Selector. Damping Factor: +0.1 Infinity -1.5. Tubes: (6) -1-12AX7, 1-12AU7, 1-6U8, 2-EL84, 1-6BW4. Speaker Selector: A, AB, B. Speaker Impedance Selector: 16 and 18 ohms. Dimensions: 12" wide x 11 1/2" deep x 4 3/8" high (5 3/8" high with ACE or ACM enclosure and legs.) Shpg. wt., 13 lbs.

Bogen DB-115 - 15 Watt Amp Net 79.95

NEW BOGEN DB110 - 10 WATT AMPLIFIER

The new Bogen DB110 offers an unusual value-performance and specifications are equal to amplifiers costing considerably more. Positive feedback circuit. New exclusive infinite damping factor control network, provides clearer bass response, permitting precise coupling of amplifier to the speaker system. With built-in preamplifier giving 10 Watts output with only 0.65% harmonic distortion. Frequency response: ± 1 db, 15-50,000 cycles at 10 watts. Four inputs: Mic, Tuner, Phono and AUX (for TV, crystal phono or Tape Recorder) 3 position record equalizer: LP (ORTHO, RIAA, AES) 78 and POP for old noisy records: BASS, Treble, Off-On-Volume: Output 4, 8 and 16 ohm. Tubes: 3-12AX7, 2-6V6GT, 5Y3GT rectifier. For 110-120v, 60 cycle AC. Size 5 1/4" x 11" x 1 7/8". Shpg. Wt. 10 lbs.

BOGEN DB110 - Less Cabinet. Net 59.95

As above but housed in highly attractive gold and brown finish metal cabinet. Shpg. Wt. 14 lbs
DB-110G Net 64.50

NEW BOGEN DB20 HIGH FIDELITY AMPLIFIER

The DB20 is a truly remarkable new amplifier featuring the most complete and versatile control of sound reproduction available today in a single chassis high fidelity model. A ten position Input Selector provides a choice of radio, television, tape and seven different equalization curves for disc recordings. Has a built-in preamplifier for G.E., Pickering, Audax and similar magnetic pickups. Power output: 20 watts at 0.3% \pm peak 30 watts. Frequency response: 20-20,000 cps ± 0.7 db. Gain: Magnetic, 106 db; crystal and radio, 93 db. Tone corrector range: Bass control, +17 to -18 db at 40 cps; Treble control, +15 to -21 db at AC. Output impedances 8 or 16 ohms. Damping factor: 13. Record equalization positions (7): LP, AES, NAB, AM78, EU78, FFR, POPULAR. Input Selector positions: Max, phono, radio, TV, tape, 5 loudness contour selector positions: Loud (flat), Loud (-10 db), Medium (-20 db), Soft (-30 db), Soft (-40 db). Power consumption: 117 volts, 60 cps, 150 watts. Tubes: (3) 12AT7, (1) 12AU7, (2) 6L6G, (1) 5U4GT rect. Dimensions: 15" W x 9 1/2" D x 8" H. Wt. 25 lbs.

MODEL DB20 Amplifier and Tubes. Net 99.00

MODEL DB20C Amplifier in gold-finished metal enclosure Net 106.50

HF10A CHALLENGER 10-WATT AMPLIFIER

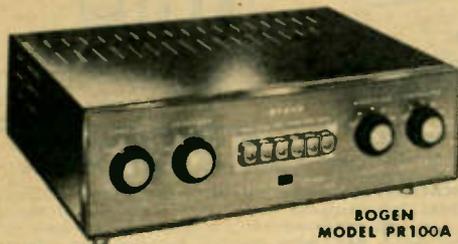
A 10-watt amplifier that offers exceptionally good listening at a budget price. It features separate boost-cut bass and treble controls as well as preamplification and equalization for all types of phonograph cartridges and for tape head. Controlled Positive Feedback circuitry provides the HF10A with extremely low distortion and superb transient response. Frequency Response: 20-23,000 cps $\pm 1/2$ db. Hum and Noise: 80 db below rated output. Distortion: 1% at rated output. Inputs: (5) Magnetic phono, Crystal (or ceramic) phono, Tape head, Tuner, Auxiliary. Power: 10 watts, tone burst peak, 15 watts. Controls: On-Off/Volume; Bass; Treble; Selector-Equalizer (Tape, 33-45 (RIAA), 78, Tuner, Auxiliary). Control for hum adjustment on chassis. Tubes: 5, including two 6AQ5 output tubes. Chassis Size: 11" x 7 1/4" x 5"; with cage, 11 3/4" x 7 1/4" x 5 1/4". Shpg. wt., 10 lbs.

Model HF10A Amplifier—Chassis only Net Each 44.50
Model HF10AG Amplifier—In black cage Net Each 49.10

NEW! LATEST BOGEN HI-FI COMPONENTS



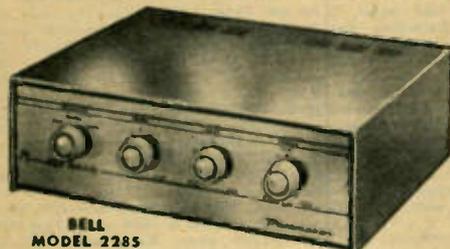
BOGEN
MODEL DD70



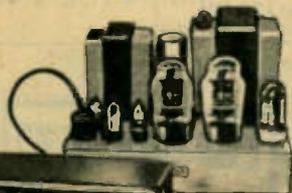
BOGEN
MODEL PR100A



BOGEN
MODEL R775



BELL
MODEL 2285



LEAK
"TL-50 PLUS"
WITH
VARISLOPE III



FISHER MODEL 125A

BOGEN D070 70-WATT HIGH POWER BASIC AMPLIFIER

FEATURES — Provides a full 70 watts of sustained power with peaks to 300 watts to give flawless reproduction for the audiophile and musical perfectionist • Variable Damping Factor • 2-Speaker Selector Switch • "Power Monitor" calibrated output indicator • Input level control • Extremely low noise and hum level • Low distortion • $4\frac{1}{4}$ " high-suitable for bookshelf or console mounting • Ideal companion piece to Bogen PR100A Audio Control or R775 or R710 Tuners.

SPECIFICATIONS — FREQUENCY RESPONSE: 5-100,000 cps. ± 0.5 db. DISTORTION: 1% at 80 watts, 0.5% at 70 watts, 0.125% of 10 watts. HUM AND NOISE:

100db below rated power. DAMPING FACTOR: ± 0.05 through infinity to -1.5 . OUTPUT TAPS: 4, 8, and 16 ohms. INPUT SENSITIVITY: 1 volt for full output. CONTROLS: (Panel)—Speaker Selector A, AB, B; (Chassis)—Input Level, Voltage Regulator, Power Monitor. TUBES: 68F5, 12AX7, 12AU7, 2-6CA7/E124, 5U4GB (Rectifier). POWER: For 117 volts, 60 cps AC. DIMENSIONS: $15" \times 8\frac{1}{2}" \times 4\frac{1}{2}"$ (add $1\frac{1}{2}"$ for legs). SHIPPING WEIGHT: 22 lbs.

Bogen Model D070 — Choice of Blonde or Mahogany metal cabinet. Add B or M to model number when ordering. Net 129.50

BOGEN PR100A AUDIO CONTROL-PREAMPLIFIER

FEATURES — Serves as the heart of the very finest high-fidelity systems • Incorporates all the latest known refinements • Provides precise equalization for every recording curve • 8 inputs for all program sources including binural • Pushbutton selection and level control for each input • Separate 5-position high and low frequency filters • Separate continuously-variable Band-odd-type tone controls • 2 cathode follower outputs (tape and main) • Simultaneous control of gain for 2 channels with binural feature.

SPECIFICATIONS — FREQUENCY RESPONSE: 10-100,000 cps. $\pm 1/2$ db. HUM: Inaudible. NOISE: Phono-72db below output produced by 10 mv. input. Other Inputs — 95db below output produced by $1/2$ volt input. DISTORTION: Practically unmeasurable. SENSITIVITY: (For 2 volts out) Phono — 0.9 mv.; Other Inputs — 0.06 mv.

INPUTS: Low level magnetic phono, high or low level magnetic phono, crystal phono, tuner, tape, auxiliary, tape monitor, binural. CONTROLS: High frequency roll-off, 7-position; Low frequency turnover, 6-position; Phono selector (low or high level); Bass (± 15 db of 50 cps); Treble (± 15 db of 15kc); Low filter, 5 positions; High filter 5-position; Volume; Loudness contour selector, 5-position; Input selector pushbuttons; Input level controls on chassis. POWER: 117 volts, 60 cps AC. DIMENSIONS: $14\frac{3}{4}" \times 10\frac{1}{4}" \times 4\frac{1}{4}"$. SHIPPING WEIGHT: 14 lbs.

Bogen Model PR100A — Chassis only Net 119.50

Bogen Model BCB —

Blonde cabinet for PR100A Net 7.50

Bogen Model BCM —

Mahogany cabinet Net 7.50

BOGEN R775 DELUXE FM-AM TUNER-PREAMPLIFIER

FEATURES — Designed for the very finest systems with years-ahead advanced features • Squelch circuit for elimination of between-station noise on FM • Automatic Frequency Control, which automatically cuts out while tuning to permit tuning of weak stations • New Bogen "Auto-Lock" automatically provides final precision tuning on FM after the station has been located on the dial • Tuning Meter • Dual-bandwidth AM reception • Complete control-center preamplifier.

SPECIFICATIONS — SENSITIVITY: FM-2 muv. for 30 db quieting; AM-5 muv. for 30db signal-to-noise ratio. FREQUENCY RESPONSE: FM-20 to 20,000 cps $\pm 1/2$ db. FM DETECTOR: Armstrong discriminator with double limiter. CONTROLS: Off-On, Volume, Loudness Contour (4-positions), Bass, Treble, Tuning, Function Selector

(AM Norm., AM Hi-Fi, Phono, FM, Aux), Equalizer (7-position), Variable AFC-Squelch, High Filter (3-position). ANTENNA: FM and AM antennas built-in. INPUTS: High and Low magnetic phono, crystal, auxiliary. OUTPUTS: Main, Tape. HUM AND NOISE: 95db below 1 volt. AUDIO DISTORTION: Less than 0.1% of 2 volts. TUBES: 15 plus rectifier. DIMENSIONS: $14\frac{3}{4}" \times 11\frac{1}{2}" \times 4\frac{1}{4}"$. SHIPPING WEIGHT: 17 lbs.

Bogen Model R775 — Chassis only Net 249.50

Bogen Model CCB —

Blonde cabinet for R775 Net 8.00

Bogen Model CCM —

Mahogany cabinet Net 8.00

BELL "PACEMAKER" MODEL

FEATURES: Modern, streamlined high-fidelity amplifier-preamplifier ideal for the average home installation at a budget price. Incorporates latest developments such as built-in Preamplifier with Tape Recorder Head Input for use with tape mechanisms, Tape Recorder Output for making recordings while listening, Bass Boost Control to provide the frequently desired extra emphasis to low frequencies, Treble Tone Control (boost and cut) which, together with the Bass Boost Control provides adequate tonal balance for most records, Equalizer Selector Switch which selects inputs and provides proper fixed tonal equalization for these inputs, and modern high-fidelity equipment styling with a $3\frac{1}{2}"$ high cabinet, suitable for bookshelf or table top mounting and also permitting easy mounting in custom console cabinet. Amplifier cabinet has nylon feet to

2285 10-WATT AMPLIFIER

protect furniture. **SPECIFICATIONS:** • POWER OUTPUT—10 watts (peak 16 watts) • FREQUENCY RESPONSE: 20-20,000 cps ± 1 db • HUM LEVEL: 65db below 10 watts • INPUTS — (3): Magnetic Phono or Tape Head, Radio or TV, Aux.; for crystal or ceramic phonograph cartridge • CONTROLS — (4): Equalizer Selector for inputs; Volume; Bass Boost (15db of 50cps); Treble (11db boost, 18db cut, of 10,000cps) with AC switch • OUTPUT TAPS — 4, 8 and 16 ohms • TAPE RECORDER OUTPUT — High impedance • AC CONVENIENCE OUTLET • POWER CONSUMPTION — 60 watts at 117 volts, 60cps AC only • TUBES — 2-EC83, 2-6V6GT; 6X5GT (Rectifier) • DIMENSIONS — $11\frac{1}{2}" \times 9" \times 3\frac{1}{2}"$ • SHIPPING WEIGHT — 10 lbs.

BELL "PACEMAKER" MODEL 2285 Net 48.95

FAMOUS LEAK AMPLIFIERS AND PREAMPLIFIERS

New high-fidelity units from Britain, outstanding for their superiority in material used, craftsmanship and flawless advanced electronic design.

"TL-50 PLUS" 50-WATT AMPLIFIER — A power amplifier with 4 tubes plus rectifier, including 2 new KT-88's especially designed for high fidelity use. MAXIMUM OUTPUT: 64 watts RMS. DISTORTION: 0.1% of 50 watts. SENSITIVITY: 125 mv. for full output. FREQUENCY RESPONSE: 20-20,000 cps. ± 0.5 db. DAMPING FACTOR: 25. INPUT IMPEDANCE: 1 megohm. OUTPUT IMPEDANCES: 4, 8, 16 ohms. POWER SUPPLY: 100-125v., 50-100 cps. AC. DIMENSIONS: $10" \times 7\frac{1}{2}" \times 7\frac{1}{2}"$ high. SHIPPING WEIGHT: 21 lbs.

Leak Model "TL-50 Plus" Net 149.50

"TL-25 PLUS" 25-WATT AMPLIFIER — A power amplifier with 4 tubes plus rectifier, including 2-KT-66's. MAXIMUM OUTPUT: 32 watts RMS. DISTORTION: 0.1% at 25 watts. SENSITIVITY: 125 mv. for full output. FREQUENCY RESPONSE: 20-20,000 cps. ± 0.5 db. DAMPING FACTOR: 25. INPUT IMPEDANCE: 1 megohm. OUTPUT IMPEDANCES: 4, 8, 16 ohms. POWER CONSUMPTION: 130 watts, for 100-125 v., 50-100 cps. AC. DIMENSIONS: $10" \times 7\frac{1}{2}" \times 6-11/16"$ high. SHIPPING WEIGHT: 18 lbs.

Leak Model "TL-25 Plus" Net 109.50

"TL-12 PLUS" 12-WATT AMPLIFIER — A basic amplifier with input sensitivity of 125 mv. for full output. 4

tubes plus rectifier, including 2-EL84's. MAXIMUM OUTPUT: 14 watts RMS. DISTORTION: 0.1% of 12 watts. RESPONSE: 20-20,000 cps. ± 0.5 db. DAMPING FACTOR: 25. INPUT IMPEDANCE: 1 meg. OUTPUT TAPS: 4, 8, 16 ohms. POWER CONSUMPTION: 75 watts, for 100-125 v., 50-100 cps. AC. SIZE: $10" \times 7\frac{1}{2}" \times 5-15/16"$ high. SHIPPING WEIGHT: 15 lbs.

Leak Model "TL-12 Plus" Net 89.00

"VARISLOPE III" PREAMPLIFIER — Powered by plugging into one of Leak power amplifiers, 2 tubes, 2-position pickup selector switch; 6-position input selector switch, including 4 equalization positions, tape, tuner, bass and treble tone controls; 3-position "Filter" control for high frequency roll-off plus continuously-variable "Slope" control which varies rate of roll-off; volume control with on-off switch; rumble filter (70 cps turnover); duplicated front and rear panel jacks for tape recording and playback; input level controls. DISTORTION: 0.01% at 125 mv. out, 0.1% at 1.25 v. out. HUM AND NOISE: 60-66db below full output. SIZE: $10\frac{1}{2}" \times 3\frac{3}{4}" \times 5"$; front panel $11\frac{1}{2}" \times 4-7/16"$. SHIPPING WEIGHT: 5 lbs.

Leak Model "Varislope III" Net 79.00

"POINT ONE" PREAMPLIFIER — Similar to "Varislope III" in appearance, dimensions, weight, circuitry. Locks rumble filter, 2-position pickup selector switch.

Leak Model "Point One" Net 55.00

FISHER MODEL 125-A 125-WATT BASIC HI-FI AMPLIFIER

FEATURES: For the most critical audiophile • "Performance Monitor" illuminated meter shows tube bias, screen voltage, output balance, average power output in watts • Fisher "Z-Matic" variable damping factor control • Frequency Response 20 to 20,000 cps. $\pm 1/2$ db • May be used with most tuners and preamps.

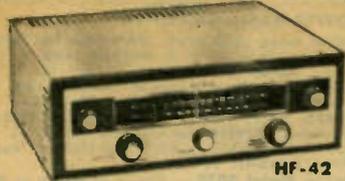
SPECIFICATIONS — POWER OUTPUT: 125 watts program material; 90 watts continuous sine wave 20-50,000 cps ± 1 db. DISTORTION: Harmonic — 0.5% at 90 watts, 0.6% at 125 watts; IM-1% at 90 watts, 2% at 125 watts. HUM AND NOISE: 92db below 90 watts. DAMPING FACTOR: Better than 16. OUTPUT TAPS: 8

and 16 ohms. CONTROLS: Input Level, Meter Switch, Speaker Impedance Switch, Screen Voltage, Plate Current, Output Balance, Driver Balance. POWER CONSUMPTION: 415 watts (full load); for 105-125 volts, 50/60 cps AC. TUBES: 12AU7, 12AX7, 4-EL34/6CA7, 6Y6, 6AU6; 2-NE 16 neon voltage regulators, 2-5R4GY rectifiers. SIZE: $14" \times 11\frac{1}{2}" \times 8\frac{1}{4}"$ high. SHIPPING WEIGHT: 55 lbs.

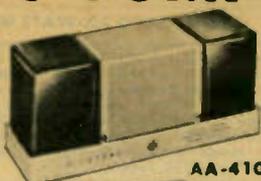
Fisher Model 125-A Net 219.50

Fisher Model 125-AX — Same as above but with 4, 8, 16 ohms and 70.7 watts output taps for industrial and commercial applications. Net 229.50

MATCHED HI-FI COMPONENTS by Pilot



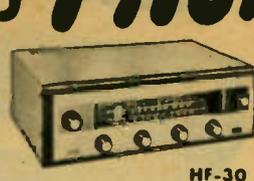
HF-42



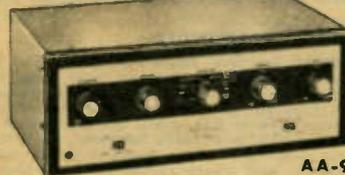
AA-410A



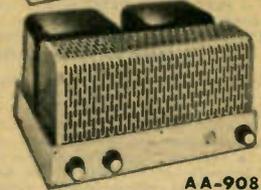
AA-903B



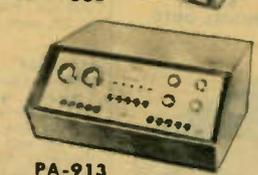
HF-30



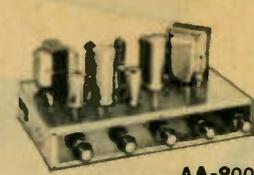
AA-920



AA-908



PA-913



AA-900

AA-900 PILOTONE AMPLIFIER

New 10 watt Williamson-type amplifier complete with preamplifier, tone controls and equalization. A new design concept minimizes effect of turntable rumble yet maintains full response above 20 cycles. Frequency response unaffected by volume control. Inputs for Radio, Tape Recorder, crystal, ceramic or magnetic phono pickup. Sensitivity: Radio or Tape—150 mv., Phono—8 mv. Distortion: 1% harmonic, 1.5% IM at 10 watts. Response 20-20,000 cps \pm 1db. Output impedance 8 ohms. Input impedances: Radio or Tape—470,000 ohms; Phono—47,000 ohms. Equalizers LP, AES, RIAA, NARTB. 2-speaker switch. Hum-70db below full output. Tubes: 3-12AX7, 2-EL84, EZ81 Rectifier. Power consumption 70 watts; 105-120V., 60 cps AC. Dimensions 13 1/4" w x 7 1/4" d x 5 1/2" h. Shpg. wt., 11 lbs.

AA-900 Net 67.50

AA-903B PILOTONE AMPLIFIER

14-watt amplifier plus versatile 5-input preamplifier housed in handsome brushed brass and burgundy enclosure, designed to form the heart of an outstanding high fidelity system. Frequency response 20 to 20,000 cps \pm 1db; less than 1% harmonic or 1 1/2% IM distortion at 14 watts. Inputs: Phono, Tape Head, Radio, Tape Amp. Aux. Outputs: 4, 8, 16 ohms; Tape output. Controls: Loudness Contour Selector (5-position, including a Flat pos.); Equalization-Selector with 4 record plus tape head equalizations; dual compensated Volume; Bass and Treble. Variable magnetic phono load 6800 to 100,000 ohms. Rumble and Scratch Filters, with on-off switches. Tubes: 3-12AX7, 2-EL84, EZ81 (Rectifier). Power Consumption 75 watts, 105-120V., 60 cps AC. Dimensions 13 1/4" w x 9" d x 4 1/4" h. Shpg. wt., 17 lbs.

AA-903B Net 79.95

AA-920 PILOTONE AMPLIFIER

A completely new 20 watt Hi-Fi. Williamson Type Amplifier—complete with preamplifier and tone controls. SPECIFICATIONS SENSITIVITY: For full output; Phono, Tape Head 3 mV; Radio, Aux. Tape Amp. 250 mV. HUM LEVEL 80 db below full output. HARMONIC DISTORTION: Approximately 1% at 20 watts, 20-20,000 cycles — I.M. 1.5% at 20 watts. SPEAKER OUTPUT IMPEDANCES: 4, 8 and 16 ohms. POWER CONSUMPTION: Approximately 120 watts, 117 volts, 60 cycles. EQUALIZERS: LP, NAB, AES, RIAA, TAPE, INPUT IMPEDANCE: Radio, Aux. Tape Amp. 470,000 ohms. Phono: Adjustable from 6,800 to 100,000 ohms. FREQUENCY RESPONSE: \pm 1 db to 20,000 cps at rated output. TUBE COMPLEMENT: 12AX7, 12AX7, 6CA; 12AU7; (2) 6L6G; 5Y3-Rectifier. OVERALL DIMENSIONS: 4 1/4" high, 13 1/4" wide, 9" deep. Shpg. wt., 22 lbs.

AA-920 Net 99.50

PILOT HF-30 FM-AM TUNER AND 12 WATT AMPLIFIER

NEW! FM-AM tuner, preamplifier-equalizer and 12-watt Williamson-type amplifier, enclosed in rich-looking brushed-brass finish metal cabinet. Exclusive Pilot "Beacon" tuning indicator for distortion-free, precise tuning. 3 muv. FM sensitivity (for 20db quieting); 3 muv. AM sensitivity. AFC with switch; 10kc. AM whistle filter. Phono input with equalizations; continuously-variable line cord impedance; bass and treble, loudness-contour and volume controls; tape recorder output bypasses controls. 12 watts or less than 1% harmonic distortion; response 20-20,000 cps \pm 1db. 4, 8, 16 ohm output taps. 2-speaker selector switch. Dimensions 14 1/4" w x 10-1/6" d x 4 1/4" h. Shpg. wt., 23 lbs.

HF-30 Net 169.50

AA-908 PILOTONE 40 WATT BASIC AMPLIFIER

NEW! Expertly engineered for optimum performance. Williamson-type 40 watt basic amplifier (80 watts peak). Companion to Pilot tuners and PA-913 preamp, suitable for use with any others. Input sensitivity 0.4 volts for full output; input impedance 470,000 ohms. Stepped level attenuator control (0, 6, 12, 18 db attenuation); compensator switch (5-position) provides pre-set bass boost. Frequency response 20-20,000 cps \pm 0.1db; less than 1% harmonic or IM distortion. Selectable damping factor. Output impedances 8 and 16 ohms. Tubes: 2-12AX7, 2-EL34/6CA7; 5U4G8 (Rectifier). Power consumption 140 watts; for 105-120 V., 60 cps AC. Dimensions 12 1/4" x 8 1/4" x 6 1/2" high. Shpg. wt., 27 1/2 lbs.

AA-908 Net 125.00

AA-410A PILOTONE 20 WATT BASIC AMPLIFIER

For use with Pilot preamp or tuners (will also provide a fine companion for most others). Frequency Response 20 to 20,000 cps \pm 0.1db; less than 1% harmonic or 1 1/2% inter-modulation distortion at 20 watts. Input sensitivity 1 volt; input impedance 470,000 ohms. Hum and noise 90db below 20 watts. Output taps 4, 8, 16 ohms. Chassis and cover cage finished in brushed brass. Tubes: 6C4, 12AU7, 2-6L6G/5881; 5Y3GT (Rectifier). Power consumption 110 watts; 105-120 volts, 60 cps AC. Dimensions 12 3/8" x 4" x 6" h. Shpg. wt., 19 lbs.

AA-410A 59.50

PILOTROL PA-913 PROFESSIONAL AUDIO CONTROL

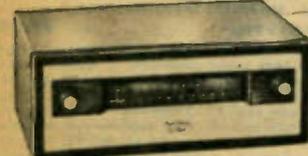
Built-in calibrated decibel (db) meter, 2 cathode follower outputs (recording and monitoring), variable input loading for magnetic cartridges, 5 treble roll-off and 5 bass turnover pushbuttons, 20 cps rumble filter, 2 monitor output jacks, mike input, pushbutton input selection. Loudness control, volume control, (compensated for flat response), meter range switch, mike volume control, bass and treble tone controls. Response 20-20,000 cps \pm 1db. Output 5 volts max. 0.2% harmonic or IM distortion at 1 volt. Hum-80db. Power supply 30 watts, 105-120 volts, 60 cps AC. Dim. 13 1/4" w x 9 1/4" d x 6" h. Suitable for custom installation. Shpg. wt., 11 lbs. (less cabinet), 12 lbs. (with cabinet).

PA-913 (less cabinet) Net 105.00
PA-913M (Mahogany cabinet) Net 129.50
PA-913B (Blonde cabinet) Net 132.50

PILOT HF-42 FM-AM TUNER AND 20 WATT AMPLIFIER

FM-AM Tuner, Preamplifier-Equalizer and 20 Watt Williamson Type Amplifier in one handsome enclosure. FM SENSITIVITY: 2.5 muv. for 20 db quieting. Built-in line cord antenna. AFC with switch. AM SENSITIVITY: 3 muv. for 1 volt DC at detector. HARMONIC DISTORTION: Less than 1% at 20 watts output—20 to 20,000 cps. IM; Less than 1.5%. RESPONSE: \pm 1 db 20-20,000 cycles. OUTPUT IMPEDANCE: 4, 8, and 16 ohms. SENSITIVITY: Phono—3 mv; Tape Head—3mv; Aux—175mv; Tape—175 mv. HUM: 80db. INPUT IMPEDANCE: Phono—variable 6,800 to 100K ohms; Tape Head—100,000 ohms; Aux, Tape—470,000 ohms. EQUALIZERS: LP, NAB, RIAA, AES, TAPE. DIMENSIONS: 4-13/16" h x 14-11/16" w x 1 1/4" d. WEIGHT 27 lbs.

HF-42 Net 209.50



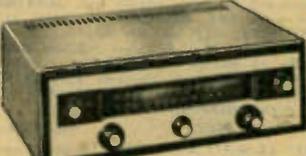
THE FA-540 PILOTUNER HIGH FIDELITY FM-AM TUNER

Distinguished for maximum performance, at the lowest price possible for a luxurious high fidelity tuner... this new Model FA-540 incorporates many superb features hitherto unheard of at its moderate price.

SPECIFICATIONS

POWER CONSUMPTION: 50 watts, 117 volts, 60 cycles. SENSITIVITY: FM—3 microvolts for 20 db of quieting. AM—5 microvolts for 20 db of quieting. FREQUENCY RANGE: FM-88 to 108KC. AM-540 to 1700 KC. HUM LEVEL: 70 db below 1.0 volt. MAXIMUM AUDIO OUTPUT: 5 volts. AUDIO DISTORTION: 0.2% at 1 volt output. AUDIO FREQUENCY RESPONSE: \pm 0.5 db 20 cps to 20,000 cps. AUDIO OUTPUT IMPEDANCE: 500 ohm, cathode follower. SELECTIVITY: AM—6 db down at 9KC. FM—6db down at 200 KC. Ratio detector peak to peak separation 320 KC. Ratio detector response is linear for 190KC. ANTENNA INPUT: FM—300 ohms to match external dipole, or built-in line cord antenna. AM—Internal Ceramic powered iron loopstick with provision for matching to standard RMA external antenna. TUBE COMPLEMENT: 6BA6-RF Amplifier, 6U8—Oscillator, mixer, 6BA6—1st IF Amplifier, 6AU6—2nd IF Amplifier, AM Detector, 6AL5—FM Ratio Detector, 12AU7—Audio Amplifier, cathode follower. 6AB4—Automatic Frequency Control, 6X4—Power Rectifier. OVERALL DIMENSIONS: 4" high, 13-1/8" wide, 8-21/32" deep. SHIPPING WT., 14 lbs.

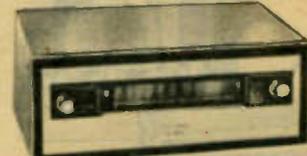
FA540 Net 109.50



THE FA-550 FM-AM PILOTUNER

Armstrong Circuit: Full Armstrong Dual Cascade Limiter-Discriminator circuit on FM. FM FEATURES: Built-in power line antenna. Tuned RF Amplifier stage for improved sensitivity and selectivity. 3 gang tuning condenser. Automatic Frequency Control (AFC) for ease in tuning. One position on selector switch provides for disabling the AFC to allow tuning to a weak station adjacent to a strong station. Temperature compensated oscillator for minimum drift. Fully shielded against oscillator radiation to conform with FCC radiation specifications. AM FEATURES: Tuned RF Amplifier stage for maximum sensitivity and selectivity. 3 gang tuning condenser. IF wave trap for rejection of signals with the IF passband. Fixed treble boost on AM only to compensate for high frequency loss due to IF selectivity. 10KC whistle filter. TUBE COMPLEMENT: 6BA6-FM/AM RF Amplifier; 6BA6-FM/AM 1st IF Amplifier; 6U8-FM/AM Oscillator; converter; 6AU6-1st limiter and AM detector; 6AU6 2nd FM limiter; 6AL5-FM discriminator; 12AT7-FM Automatic Frequency Control Amplifier and reactance tube; 12AX7-Phono preamp; 12AT7-Tone Amplifier; 12AU7-Audio and detector output, cathode follower; 5Y3GT-Power rectifier 4 1/2" high x 14-9/16" wide x 10-5/32" deep. SHIPPING WT.: 20 lbs.

FA-550 Net 159.50



THE FM-530 BASIC FM PILOTUNER

The famous FM Pilotuner brought up to date with the latest advances in FM design at an amazing price for a true High Fidelity Tuner... this new Model FM-530 incorporates many features of the most expensive tuners and is built to Pilot's high standard of quality. Enjoy FM at its best with this Pilotuner. It features an unusual front panel with the now familiar "Pilotuner escutcheon" beautifully etched in Richlow Brass.

SPECIFICATIONS

POWER CONSUMPTION: 50 watts, 117 volts, 60 cycles. SENSITIVITY: 3 microvolts for 20 db of quieting. FREQUENCY RANGE: 88 to 108KC. HUM LEVEL: 70 db below 1.0 volt. MAXIMUM AUDIO OUTPUT: 5 volts. AUDIO DISTORTION: 0.2% at 1 volt output. AUDIO FREQUENCY RESPONSE: \pm 0.5 db 20 cps to 20,000 cps. AUDIO OUTPUT IMPEDANCE: 500 ohms, cathode follower. SELECTIVITY: 6 db down at 200KC. Ratio detector peak to peak separation 320KC. Ratio detector response is linear for 190KC. ANTENNA INPUT: Balanced 300 ohms, or built-in line cord antenna. TUBE COMPLEMENT: 6BA6—RF Amplifier, 6U8—Oscillator, mixer, 6BA6—1st IF Amplifier, 6AU6—2nd IF Amplifier, 6AB4—Automatic Frequency Control, 12AU7—Audio Amplifier, cathode follower, 6AL5—FM ratio detector, 6X4—Power rectifier. OVERALL DIMENSIONS: 4 1/2" high, 13-1/16" wide, 8-21/32" deep. SHPG. WT., 12 lbs.

FM-530 Net 89.50

MODEL TA-500

FISHER Custom AUDIO UNITS

MODEL 80-C



MODEL AM-80

MODEL CA-40

MODEL 80-AZ

MODEL TR-1

MODEL 50-M

MODEL 50-F

MODEL FM-40

MODEL 80-T

MODEL 80-R

MODEL 55-A

MODEL 20-A

MODEL PR-4

MODEL AM-80 AM TUNER

A precision AM tuner, the AM-80 combines the pulling power of a professional communications receiver with the broad tuning necessary for high fidelity reception. METER for micro-accurate tuning, SENSITIVITY less than one microvolt for maximum output. Three-position adjustable bandwidth (sharp, medium, broad). Dual antenna inputs. Three inputs—high impedance. Cathode follower output. 10 kc whistle filter. Dimensions 12 1/4" w x 8 3/4" d x 4". Shpg. Wt. 15 lbs.

MODEL AM-80 (less cabinet)Net 119.50

MODEL 80-T

FM/AM TUNER WITH CONTROLS

An advanced FM/AM tuner with complete, professional audio control facilities. Some FM/AM circuits as 80-R. The first tuner-control chassis with a separate tape head playback preamplifier (with NARTB equalization). Six record equalization settings, separate bass and treble controls, volume control, loudness balance control, AFC control, channel selector switch (AM Broadcast, AM Sharp, FM, Phone, Aux 1, Aux 2). 15 tubes plus rectifier. DC audio tube filament supply, shock-mounted tuner and audio chassis, freq. response 20-20,000 cps \pm 0.5 db, distortion less than .04% for one volt output, 0.5% for five volts. Two cathode follower outputs (before and after tone and volume controls). Dimensions: 12 1/4" w x 8 3/4" d x 6" high (allow 1" additional depth for control knobs). Shpg. Wt. 21 lbs.

MODEL 80-T (less cabinet)Net 199.50

MODEL FM-90X

GOLD CASCADE FM TUNER

Guarantees the ultimate in signal sensitivity for reception of distant stations and weak signals in difficult, built-up metropolitan areas. Zero time-constant dual limiters suppress shortest-duration noise pulses neutralized triode converter plus gold-cascade RF amplifier form highly-efficient front end balanced antenna input eliminates noise pickup on lead-in cable two meters signal-strength meter shows beat antenna orientation and maximum-performance tuning; center-of-channel meter for micro-accurate tuning. TECHNICAL SPECIFICATIONS: Two antenna inputs—72 ohm or 300 ohm balanced; full limiting down to 1/2 microvolt—sensitivity 1/4 mv. for 20 db quieting, 1 1/4 mv. for 30 db frequency response 20 to 20,000 cps \pm 1 db; three low impedance outputs—main, recorder, multiplex—handles output cables up to 200 feet long; controls—variable AFC/power, variable inter-station muting control/station selector, output level (on rear of chassis); shock-mounted chassis; brushed-brass die-cast front panel; nine tubes plus rectifier plus four germanium diodes; dimensions 13-3/32" w x 8 3/4" d x 6 1/2" h. Shpg. wt. 15 lbs.

MODEL FM-90X (less cabinet)Net 169.50

MASTER CONTROL AMPLIFIER

MODEL CA-40

Model CA-40 Master Control Amplifier offers, on one compact chassis, the most advanced preamplifier with controls, as well as a powerful 25-watt amplifier. Six inputs, including two Auxiliary, Tuner, Magnetic Phono, Mic and Tape, Input Level Adjustments. Uniform response 10 to 90,000 cycles \pm 0.5 db. Constant power within 1 db at 25 watts, 17 to 30,000 cycles. 0.3 volt on high level, 0.005 volt on low level inputs produces full 25 watt output. Less than 1% distortion at rated power. Three-position Rumble and Scratch Filters, with panel indicator lights. Five equalization positions: EUR, AES, RIAA, LP, NAB. Balanced Spectrum Bass and Treble Controls, providing 15 db boost or cut. ToneScope, to graphically indicate Tone Control Settings. 4, 8 and 16-ohm speaker outputs. Cathode follower recorder output. DC filament voltages on all low level stages. Shielded, shock-mounted construction. Controls: Bass, Treble, Power On/Off, Function Selector, Volume, 4-Position Loudness Contour, Rumble Filter, Scratch Filter. Size 12 1/4" x 10 3/4" x 5" high. Shipping Weight: 24 pounds.

MODEL CA-40 (less cabinet)Net 139.50

MODEL 80-R

PROFESSIONAL FM-AM TUNER

Acclaimed everywhere as the finest FM-AM tuner available. Works where others fail. Has two meters for micro-accurate tuning, features extreme sensitivity—1.5 microvolts for 20 db quieting Adjustable AFC and AM selectivity, separate FM and AM front ends. Shock-mounted chassis, super-smooth flywheel tuning. Completely shielded construction used throughout. Response within 0.5 db from 20 to 20,000 cycles. Distortion below 0.04% for 1 volt output. Cathode follower and Multiplex outputs. Handsome, brushed-brass control panel. Size 12 1/4" x 8 3/4" (less knobs) x 4" high. Weight: 16 pounds.

MODEL 80-R (less cabinet) 169.50

MODEL FM-40 CUSTOM FM TUNER

A compact, beautifully designed instrument of moderate cost, for discriminating users. Stable circuitry and simplistically easy to use. Meter for micro-accurate, center-of-channel tuning. Sensitivity: 3 microvolts for 20 db quieting. Supplied with folded dipole but can accommodate 300 or 72-ohm antenna systems. Drift-free circuit has three outputs: Detector, Multiplex, plus cathode follower. Eight tubes, self-powered. Handsome brushed-brass panel for distinctiveness. Size: 12 1/4" x 8 3/4" x 4" high. Weight: 15 pounds.

MODEL FM-40 (less cabinet)Net 99.50

MODEL 20-A

LAB STANDARD AMPLIFIER

Low in cost, terrific in quality it is the 15-watt amplifier thousands of hi-fi enthusiasts have requested. Meets the most exacting demands. Traditional FISHER workmanship, handsome appearance. Advanced design throughout. Frequency response within 0.1 db, 20 to 20,000 cycles at 15 watts. Less than 0.7% distortion. IM distortion less than 1.5% at 10 watts. Hum and noise better than 90 db below full output. Internal impedance: 1 ohm for 16-ohm operation, giving damping factor of 16, ensuring low distortion and superior transient response. Output Impedances: 4, 8 and 16 ohms. Size: 13" x 4 1/2" x 6 1/2" high. Weight: 13 pounds.

MODEL 20-A (less cabinet) 59.50

MODEL TA-500 FM-AM RECEIVER

Home Music Center

A sensitive FM-AM tuner, a powerful 30-watt amplifier, and an audio control center—all built on one compact chassis! Simply add a record player and loudspeaker and you have a complete high fidelity system for your home. SPECIFICATIONS: FM—Operates on signals as low as 1 microvolt, wide-band detector, three IF stages, cascade tuned RF stage, AM—Tuned RF stage, diode detector for minimal distortion, sensitivity better than three microvolts for full output, AUDIO—Frequency Response 16-32,000 cps \pm 1 db; four high-impedance inputs; low-impedance tape recorder output; phono and tape-head preamplifier-equalizer calibrated loudness contour control; Harmonic Distortion less than 0.5% at 30 watts; Intermodulation less than 1% at 30 watts; Num-80 db; Output Taps 4, 8, 16 ohms; Volume/Loudness control; separate bass and treble tone controls; Meter for Micro-accurate tuning on AM and FM; four types of record equalization (AES, RIAA, LP, NAB). Tubes—2-6BA6, 2-6AU6, 6BC8, 6U8, 6BE6, 3-12AX7, 2-58B1, 5V4G and 6X4 Rectifiers, 2-2N542 diodes. Dimensions: 13 7/16" w x 12 3/4" d x 6 1/2" h. Shpg. Wt. 26 lbs.

MODEL TA-500 (less cabinet)Net 249.50

MODEL TR-1

ALL-TRANSISTOR PREAMPLIFIER

Another great FISHER achievement—the first all-transistor high fidelity product. Absolutely zero hum and microphonism. Phono or microphone magnetic preamplifier. Response 20 to 20,000 cycles within 0.5 db. RIAA equalization. Three transistors, printed circuit wiring, fully shielded. Size: 2" x 4 1/4" x 4 1/2" deep. Weight: 12 ounces.

Net 27.50

BA-1 Battery 1.95 / PS-1 110 VAC Power Supply 4.95

SERIES 80-C

MASTER AUDIO CONTROL

"Breath-taking"—Edward Tattall Canby. The Master Audio Control can be used with any amplifier. Provides professional phono and tape-head equalization, full mixing and fading facilities. Two cathode follower outputs. Uniform response within 0.25 db, 20 to 20,000 cycles. IM distortion and hum virtually non-measurable. Eight Controls: Bass, Treble, Master Volume, Dual Phono/Tape Equalization, Calibrated Loudness Balance, Line Switch, Five Channel Selector Push Buttons, Five Input Mixer/Level Controls. Seven Inputs. Self-powered. Three AC outlets. Size: 12 1/4" x 7 1/4" x 4 1/4" high. Weight: 10 lbs.

MODEL 80-C (less cabinet)Net 99.50

MODEL 80-AZ

LAB STANDARD AMPLIFIER

Great new FISHER amplifier with PowerScope, a visual Peak Power Indicator. More clean watts per dollar than any amplifier in its class. 60 watts peak less than 0.5% distortion at 30 watts (0.05% at 10 watts). IM distortion less than 0.5% at 25 watts. Uniform response within 0.1 db, 20 to 20,000 cycles. Within 1 db, 10 to 50,000 cycles. Hum and noise virtually non-measurable (better than 96 db below full output) Three controls: Z-Matic, PowerScope, and Input Level. Output: 8 and 16 ohms. Size: 15 1/4" x 4 1/4" x 6 1/2" deep. Weight: 22 pounds.

MODEL 80-AZ (less cabinet)Net 99.50

MODEL 55-A 55 WATT AMPLIFIER

Less than 1% harmonic distortion at 55 watts (0.5% at 5 watts, 0.08% at 10 watts). Handles 110 watts peak. IM distortion below 0.4% at 10 watts (0.8% at 45 watts, 2% at 50 watts). Uniform response \pm 0.1 db 20 to 20,000 cps, within 1 db, 5 to 100,000 cps. Power output constant within 1 db at 50 watts, 15 to 60,000 cps. Hum and noise better than 92 db below full output. Bias Control to balance output tubes. Z-Matic provides variable damping, from 32 to 0.08. Less than 1 volt input produces full output. Input Level Control. 8 and 16-ohm output impedances. Auxiliary AC receptacle. Size: 14 1/4" w x 9 3/4" d x 8-3/16" high. Shipping Weight: 50 lbs.

MODEL 55-A (less cabinet)Net 169.50

MODEL 50-M MIXER-FADER — Mixes two signal sources, such as radio or phono and voice (mike) into tape recorder or hi-fi system. Cathode follower output. Self-powered, AC. 4 1/2" x 5-11/16" x 5". Shpg. Wt. 3 1/2 lbs. Net 19.95

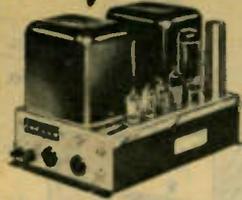
MODEL 50-F HI-LO FILTER — Sharp cut-off electronic filter system for suppression of rumble, record scratch, high frequency distortion. Connects between pre-amp or tuner and basic amplifier. Low-frequency cut-off points Flat, 37, 70, 120 cps at 10 db per octave; high-frequency cut-offs 20kc., 10kc., 3kc. at 20 db per octave. AC, self-powered. 4 3/4" x 5-11/16" x 5". Shpg. Wt. 3 1/2 lbs. Net 24.95

MODEL PR-4 PREAMPLIFIER CHASSIS — Self-powered, high gain, moderate cost. For low level magnetic cartridge, tape head playback, or microphone. RIAA equalization for phono, NARTB for tape. 3 1/2" x 3 3/4" x 3". For 105-125 volts, 60 cps AC. Shpg. Wt. 1 1/2 lbs. Net 10.95

FISHER HAND-CRAFTED CABINETS

TAS-M	Mahogany, for TA-500	Net 19.95
TAS-B	Blonde, for TA-500	Net 19.95
FM9-M	Mahogany, for FM-90X	Net 17.95
FM9-B	Blonde, for FM-90X	Net 17.95
UN-M	Mahogany, for 80-R, AM-80, FM-40	Net 17.95
UN-B	Blonde, for 80-R, AM-80, FM-40	Net 17.95
TM	Mahogany, for 80-T	Net 17.95
TB	Blonde, for 80-T	Net 17.95
CM	Mahogany, for 80-C	Net 9.95
CB	Blonde, for 80-C	Net 9.95

Superlative HI-FI by McIntosh & SCOTT



**MC-30 30 WATT
AMPLIFIER
143.50**

Intermodulation distortion responsible for "fistener fatigue" in ordinary sound equipment is brought to a new low with the exclusive patented McIntosh circuit. Designed for those who expect the finest, you can listen to the McIntosh for hours without fatigue or irritation. Almost unbelievable clarity of tone—clean, pure living sound! Its 0.5 volt input sensitivity for

full output makes the McIntosh MC-30 suitable for use directly with any AM-FM tuner, with crystal or ceramic phonograph pickup, or as a bridging amplifier for broadcast applications. The McIntosh C-4 and C-8 Preamplifiers (or any others) may be used with the MC-30 for magnetic phono pickups or standard high-fidelity systems. Two inputs—0.5 volt and 2.5 volt sensitivities. The 0.5 input is provided with a gain control. Frequency response 20-30,000 cps \pm 0.1 db, 15-50,000 cps \pm 0.5 db. Harmonic distortion 1/2% at 30 watts, 20-20,000 cps; intermodulation less than 1/2% for instantaneous peak power up to 60 watts. Damping factor 12 (16 at 600 ohm output). Hum and Noise—90 db. Outputs 4, 8, 16, and 600 ohms (balanced). Tubes: 2-12AX7, 12AU7, 12BH7, 2-16L4, 5U4GA (Rectifier). Chrome and black finish. Dimensions 13 1/2" x 8" x 8" high. Power Consumption 155 watts, 117/125 volts, 50/60 cps AC. Shpg. wt., 34 lbs.

McINTOSH MC-30

Net 143.50

**MC-60 60 WATT
AMPLIFIER
198.50**

For those satisfied with nothing but the ultimate in quality and performance—has reached the theoretical limit with its patented circuit. Its 60 watts of power at less than 0.3% distortion from 20 to 20,000 cps ensure complete absence of discordant tones and provide exquisite realism and purity of tone at low as well as high volume levels. Input sensitivity of 0.5 volts for full output makes the MC-60 suitable for direct connection to any AM, FM or AM-FM tuner, to crystal or ceramic phonograph pickup, or for use as a bridging amplifier in broadcast and telephone line applications. May be used with the McIntosh C-4 or C-8 Preamplifiers (or any others) for magnetic phono pickups and to provide the heart of an extremely flexible high fidelity system. Frequency Response 20 to 30,000 cps \pm 0.1 db and 16 to 60,000 cps \pm 0.5 db at 60 watts. Intermodulation distortion less than 0.5% for instantaneous peak power up to 120 watts. Damping factor 15 (20 at 600 ohm output). Hum and Noise—90 db. Outputs 4, 8, 16 and 600 ohms (balanced). Two inputs—0.5 volt with gain control, 2.5 volt for use with C-4, C-8 or other preamplifiers. Tubes: 2-12AX7, 12AU7, 12BH7, 2-6550, 2-5U4GA (Rectifiers). Chrome and black finish. Power consumption 280 watts, 117/125 volts, 50/60 cps AC. Dimensions 14 1/2" x 10" x 8" high. Shpg. wt. 48 lbs.

McINTOSH MC-60

Net 198.50



**C-8 Professional
Audio Compensator Preamplifier
88.50**

(C-8M Illustrated)

A complete audio control center for professional and home entertainment. Extremely versatile, with wide tonal range and very low distortion. The C-8 is supplied less cabinet for custom installation and must be plugged into the McIntosh MC-30 or MC-60 to obtain its power. The complete, self-powered Model CP-8 may be used with any amplifier. All models are available with blonde or mahogany cabinets.

Features and Specifications: Five bass turnover and five treble compensation switches permit establishing any desired tone color with any records or pre-recorded tapes; separate bass and treble tone controls, with 18 db boost and 20 db attenuation at 20 cps and 17 db boost or 20 db attenuation at 20,000 cps; Aural Compensator-Loudness Control switch; Rumble Filter; five-position Program Selector Switch for tape, TV, tuner, microphone, or any type of phonograph cartridge. Volume Control with AC on-off switch. Output voltage 4 volts; frequency response 20-20,000 cps at less than 0.3% distortion. Five inputs—tape, tuner, microphone, and two phonograph. Separate level control on each input. Three outputs—two main and one tape, all cathode follower. Variable load resistor for any magnetic cartridge; crystal-magnetic phono switch on one channel. Three auxiliary AC outlets controlled by preamp power switch. Hum—110 db. Dimensions: in cabinet 11 1/2" x 7 1/4" x 4 7/8"; chassis only 10 1/2" x 7 1/4" x 3-9/16"; front panel 11" x 4 1/4". Shpg. wt. 15 1/2 lbs.

C-8	Compensator-preamp for use with MC-30 or MC-60, less cabinet	Net 88.50
C-8M	As above with mahogany hardwood cabinet	Net 96.50
C-8B	With blonde cabinet	Net 96.50
C-8P	Self-powered pre-amp, less cabinet	Net 99.50
C-8PM	Same, with mahogany cabinet	Net 107.50
C-8PB	With blonde cabinet	Net 107.50

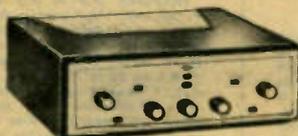
**C-4
AUDIO
CONTROL
CENTER
PREAMP
64.50**

(C-4M Illustrated)

A complete, low distortion control center for your home music system. Highly flexible, with input and output for tape recorder, four other inputs for tuner, mike, crystal or ceramic and high or low level magnetic phono cartridges. 11-position rotary compensation (equalization) switch for all types of recordings, five-position input selector switch, separate bass and treble controls, volume control. All other electrical and physical characteristics same as McIntosh C-8.

C-4	Preamp, less cabinet	Net 64.50
C-4M	Same, with mahogany cabinet	Net 72.50
C-4B	With blonde cabinet	Net 72.50
C-4PM	Self-powered, with mahogany cabinet	Net 83.50
C-4PB	Self-powered With blonde cabinet	Net 83.50

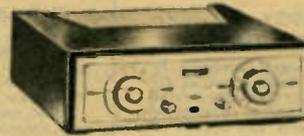
**SCOTT
99D
DE LUXE
22 WATT
AMPLIFIER
COMPLETE WITH
PREAMP 99.95**



Important new features make this model a greater value than ever. 2-Speaker selector switch; tape monitor-playback switch; tape recorder output and monitoring jacks; 2 magnetic phono inputs, selected by switch on front panel; 5-position record compensator; NARTB tape playback channel to let you play direct from tape recorder head without special preamp; rumble and scratch filters with in-out switches; volume-loudness control with switch; level control to match phono cartridges to amplifier; separate bass and treble controls. Harmonic distortion less than 0.8% at 22 watts; IM 0.3%; response 20 to 30,000 cps; hum level—80 db; 3 high level inputs for TV, tape, tuner; 4, 8, 16 ohm outputs; auxiliary AC outlet. Tubes: 3-12AX7, 2-6L6GB, 5U4GB (Rectifier). For 105-125 volts, 50/60 cps AC. Dimensions in accessory case 15 1/2" x 5" x 12 1/2". Panel 4 3/4" x 15". Shpg. Wt. 20 lbs.

MODEL 99D (less case) Net 99.95

**H. H. SCOTT
HIGH FIDELITY
COMPONENTS**



Styling and dimensions provide a perfect match to the 99-D and 210F complete amplifiers.

A really wide range tuner with AM sound comparable to FM. Separate AM and FM sections for stereo reception. Edge-lighted lucite tuning dials for both quick and vernier tuning. Signal strength meter for pin-point AM or FM tuning.

SPECIFICATIONS: FM—Sensitivity 2 mv. for 20 db quieting; drift-free 2-mc. detector; AGC; 2 stages of full limiting; equipped for multiplex operation. Meets FCC radiation specifications. AM—1 mv. sensitivity; 10 kc. whistle filter; 4 volts output. CONTROLS—Function Switch for FM, AM, Wide Range, AM Normal, AM Distance; separate AM and FM level controls; separate outputs for binaural operation and tape recording. Power requirements 60 watts, 105-125 volts, 60 cps AC. Dimensions (in case) 15 1/2" w x 12 1/2" d x 4 3/4" h. Shpg. wt., 17 lbs.

MODEL 330-C (less case) Net 199.95

**SCOTT
330-C
AM-FM STEREO
(BINAURAL) TUNER
199.95**

H. H. SCOTT ACCESSORY CASES Two types, all the same height, for side-by-side table top or bookcase installation of Scott components.

LEATHER-FINISH STEEL—CASE C for 99-D, 210-F, 300, 330-C, (15 1/2" x 12" x 4 3/4" high); CASE D for 311-C (13 1/2" x 10 1/2" x 4 3/4" high)	Net 9.95
SOLID MAHOGANY—CASE CW (dark finish) and CASE CWB (blonde finish) for 99-D, 210-F, 300, 330-C (15 1/2" x 12" x 4 3/4" high); CASE DW (dark finish) and CASE DWB (blonde finish) for 311-C (13 1/2" x 10 1/2" x 4 3/4" high)	Net 19.95



**SCOTT
311-C
FM TUNER
129.50**

SPECIFICATIONS: The 311-C is an extremely sensitive and selective FM tuner incorporating new drift-free wide-band circuits. **SENSITIVITY:** Two microvolts for 20 db quieting. **CIRCUIT FEATURES:** Two megacycle wide-band detector for highly-selective, drift- and noise-free operation; two stages of limiting. **AUTOMATIC GAIN CONTROL, METER:** Illuminated signal strength and tuning meter for precision tuning. **OUTPUT:** Maximum audio output 4 volts; low impedance. **TAPE RECORDER FACILITIES:** Separate tape output for "off-the-air" recordings. **MULTIPLEX:** Special output for multiplex. Meets all FCC radiation specs. For 105-125 volts, 50/60 cps AC. **DIMENSIONS:** (in case) 13 1/2" x 4 3/4" x 9 3/4". Shpg. Wt., 15 lbs.

MODEL 311-C (less case) Net 129.95



**SCOTT
300
AM-FM
TUNER
149.95**

Matches perfectly all other Scott components. AM section features extended range and adjustable bandwidth for high fidelity or normal reception, 10 kc. whistle filter, separate tuned RF stage for maximum sensitivity and selectivity. FM section has 4 microvolt sensitivity for 20 db quieting, wide band FM detector for drift-free, low-noise reception; automatic gain control (AGC); two stages of limiting; equipped for multiplex operation; meets FCC radiation specs. Precision-ray tuning indicator, heavy flywheel. Separate output for tape recording. Edge-lighted slide ray tuning dial with logging scale. For 105-125 volts, 50/60 cps AC. **DIMENSIONS (in case)** 15 1/2" x 4 3/4" x 12". Shpg. Wt., 15 lbs.

MODEL 300 (less case) Net 149.95



**SCOTT 210-F
COMPLETE
36 WATT
DYNAURAL
AMPLIFIER**

Response 19-35,000 cps, flat; harmonic distortion less than 0.5%; IM 0.25%; hum—80 db. **FEATURES:** 2-speaker selector switch; tape monitor-playback switch; 2 noise suppressor (dynaural) controls for continuous adjustment of (low frequency) rumble and (high frequency) hiss suppression; 2 magnetic phono inputs, switched on front panel; loudness control, with switch; separate bass and treble controls; 8-position record compensator; level control for matching any phono pickup to amplifier; 3 high level inputs; adjustable record distortion filter; pre-amp input for tape playback directly from tape head; 2 tape recorder outputs (to bypass suppressor). For 105-125 volts, 50/60 cps AC. **DIMENSIONS (in case)** 15 1/2" x 4 3/4" x 12 1/2". Shpg. Wt. 21 lbs.

MODEL 210-F (less case) Net 189.95

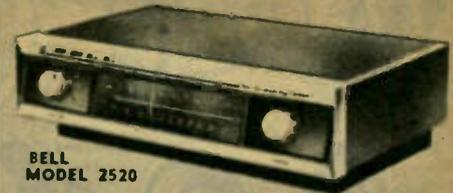
OUTSTANDING HI-FI TUNERS & AMPLIFIER VALUES

BELL MODEL 2520 FM-AM TUNER

FEATURES: Highly sensitive, noise-free tuner featuring Armstrong FM circuitry with dual limiters and Foster-Seeley discriminator. Grounded-grid FM RF stage and completely shielded construction for low-noise reception and conformance to FCC radiation specifications. Built-in line cord FM antenna and AM loop-stick antenna. Illuminated dial panel with logging scale. Automatic Frequency Control for drift-free FM reception, with defeat switch for tuning in weak stations. Ultra-modern "new look" styling; only 4" high and finished in rich saddle-tan. Ideal companion-piece for the Bell amplifiers.

SPECIFICATIONS: SENSITIVITY—FM: 2 mv., AM: 5 mv., for 20 db signal-to-noise ratio • FM DRIFT—18

kc. during warmup without AFC; 2 kc with AFC • **FREQUENCY RESPONSE**—FM: 20-20,000 cps \pm 1 db; AM: 20-5000 cps \pm 3 db • **OUTPUTS**—dual jacks for feeding tape recorder and amplifier • **OUTPUT VOLTAGE**—2 volts at 30% modulation • **IMAGE REJECTION**—FM: 31.5 db • **SELECTIVITY**—FM: 6 db down at 200 kc; AM: 6 db at 11.7 kc • **CONTROLS**—Off, AM, FM/AFC, FM; Tuning • **NOISE**—FM: 65 db and AM: 50 db below 30% modulation • **TUBES**—6AB4, 12AT7, 2-6BA6, 6AU6, 6AL5, 6BE6; 6X4 (Rectifier) • For 117 volts, 60 cps AC • **DIMENSIONS**—13" W x 10 1/2" D x 4 1/2" H • **SHIPPING WEIGHT**—14 lbs.
Bell Model 2520—FM-AM Tuner Complete...Net 93.10



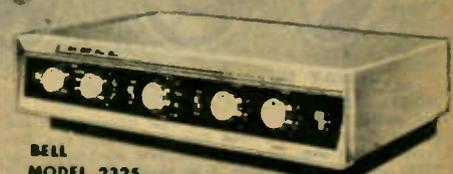
BELL MODEL 2520

BELL MODEL 2325

Enjoy the outstanding performance and smart styling of this new high fidelity amplifier with built-in preamplifier. Here is a "new look" in high fidelity with exclusive features that give realistic reproduction of the finest recordings and radio program material. Power output 20 watts (40 watts peak) at less than .3% harmonic distortion. Less than 0.5% intermodulation distortion. Frequency response 20-20,000 cps \pm 3 db. Hum level 75 db below 20 watts. Inputs: two low magnetic or tape head, ceramic or crystal, high magnetic, radio, TV, auxiliary. Outputs for 4, 8 and 16 ohms and high impedance recording, two separate outputs for speakers to be switched, and two AC outlets. Equipped with AC power switch and loudness control, rumble filter switch, scratch filter switch, speaker selector

20-WATT AMPLIFIER

(3 position, for each, separately and together), bass control, treble control, level control, radio level control, hum balance control, selector-equalizer (tape, 78, RIAA, LP, Eur., Radio, TV, Aux.), and phono-input selector. A continuous strip of light along entire length of control panel functions as pilot light and illumination for controls. Easily panel mounted in cabinet, ON/OFF power switch designed as push in, pull out type with volume position pre-set as desired on same control. Tubes: 3-ECC83, 2-6L6G8, 12AV6, 5U4GB. Dimensions: 4 1/2" high, 16" wide, 11" deep. For 117 volts, 60 cycles AC. Shpg. wt., 24 lbs. Less cage.
Bell Model 2325-P 20 watt Amplifier.....Net 97.95
Saddle-tan finish cage for above.....Net 9.80



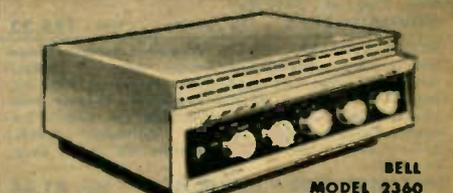
BELL MODEL 2325

BELL MODEL 2360

More power has been packed into this sleek, new high fidelity amplifier-preamplifier designed for the discriminating audiophile. Its compact size and convenient controls provide a complete audio control center in comparatively little space. The amplifier delivers 50 watts of power at less than .5% harmonic distortion; less than 1% intermodulation distortion. Peak output 100 watts. Illuminated front panel control includes the following: AC power switch (exclusive push-pull type) and loudness control, rumble and scratch filter switches, 3-position speaker selector, bass and treble controls, level control, radio level control, hum balance control, 8-position selector-equalizer for tape, 78,

50-WATT AMPLIFIER

RIAA, LP, EUR., radio, TV, and aux., phono-tape input selector for all cartridges and microphones. Seven inputs accommodate all types of cartridges, radio tuner, TV, and auxiliary. Outputs for 4, 8 and 16 ohm speakers, high impedance recording, two separate outputs for speakers to be switched, 2 AC outlets. Frequency response 20-20,000 cps \pm .5 db. Hum level 75 db below 50 watts. Tubes: 2-ECC83, 12AV6, 6AN8, GZ34, 2-6CA7. For 117 volts, 60 cycles AC. Dimensions: 5 1/2" high, 16" wide, 11" deep. Shpg. wt., 35 lbs. Less cage.
Bell Model 2360-P 50 Watt Amplifier.....Net 146.95
Saddle-tan finish cage for above.....Net 9.80



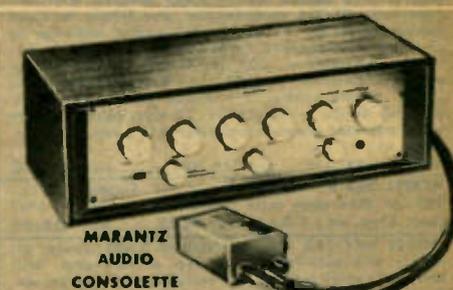
BELL MODEL 2360

MARANTZ AUDIO CONSOLETTA PREAMPLIFIER

FEATURES: A high quality audio control center and a fine electronic instrument. • Ideal for the simplest to the most lavish high-fidelity installations. • Extremely low distortion and noise figures. • Two-chassis construction, with separate miniature plug-in power supply. • Cathode Follower Output permits long shielded leads to amplifier. • Tape Recorder Output, controlled by the selector switch and unaffected by any controls other than the record equalizers. • Continuously-variable Loudness Compensator Control works independently of the Volume Control and compensates for the Fletcher-Munson Hearing Characteristics Curve. • Tape Playback or Monitor Switch, used for tape playback or to directly monitor a tape while it is being recorded. • Separate Bass turnover and Treble roll-off record equalizer switches.

SPECIFICATIONS: RESPONSE — 20-60,000cps \pm 1db. HUM — inaudible at full gain. IM DISTORTION — at 15

volts RMS less than 1%. **CONTROLS** — 6-position input Selector; Tape Playback-Monitor; 6-position Bass Record Equalizer; 6-position Treble Record Equalizer; Loudness Compensator; Bass Tone; Treble Tone; High Frequency Cut-off Filter (3-position, 12db per octave); On-Off. **INPUTS** — 3 low level (mike, low and medium level magnetic phono); 4 high level (Tuner, Tape, TV, Extra). **OUTPUTS** — Cathode follower, Tape Recorder. 3 AC OUTLETS — on power supply. **TUBES** — 3-12AX7 or ECC83. **DIMENSIONS** — Panel 14 1/2" x 4 3/4"; Chassis 13 1/2" x 4" x 6". **SHIPPING WEIGHT** (less cabinet) 13 1/2 lbs.; (with cabinet) 15 lbs.
Marantz 1C Audio Consolette (less cabinet).....Net 153.00
Marantz 1A Audio Consolette with mahogany cabinet.....Net 168.00
Marantz 1B — with blonde cabinet.....Net 168.00



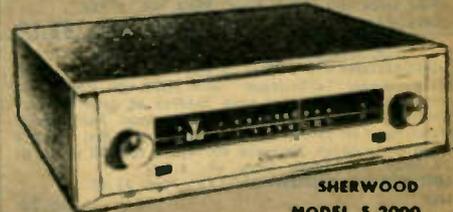
MARANTZ AUDIO CONSOLETTA

SHERWOOD MODEL S-2000 FM-AM TUNER

FEATURES: One of the most sensitive FM circuits ever developed — 0.95 mv. for 20 db quieting. Delayed Automatic Gain Control, Armstrong FM circuit with 3 limiters and Foster-Seeley type discriminator. Automatic Frequency Control (AFC) assures no-drift FM tuning. AFC disabling switch permits tuning in a weak distant station adjacent to a strong local signal. "Feather-Ray" tuning eye for pin-point tuning. AM section features selective bandpass-15kc. for wide-range high-fidelity reception or 8kc. for listening to weaker stations without noise and interference; 10kc. whistle filter to eliminate between-station whistle while reducing audio response less than 3 db at 8kc. Built-in ferrite-rod AM antenna, pivot-mounted. Edge-lighted 24-carat gold-finished escutcheon; fly-wheel tuning.

SPECIFICATIONS: SENSITIVITY—FM: 0.95 mv. for 20db quieting, 1.8 mv. for 30db quieting; AM: 2 mv. at 60% modulation for 0.5 volts output • **FREQUENCY RESPONSE** — FM: 20-20,000cps \pm 1/2 db; AM: (wide) 20-7,500cps at -6db • **DISTORTION** — FM: less than 1/3% 1M, 1/4% harmonic • **HUM AND NOISE** — FM: 60db below 100% mod.; AM: 55db below 100% mod. • **FM DRIFT** — \pm 2kc. with AFC, \pm 15kc without AFC • **OUTPUTS** — Cathode

follower audio; FM multiplex • **AUDIO OUTPUT** — 2 volts • **TUBES** — 6B8, 6AB4, 2-6BA6, 3-6AU6, 6AL5, 6CN7, 6BE6, 12AT7; 6X4 (Rectifier) • **POWER CONSUMPTION** — 47 watts, 110-120 volts, 50-60 cps AC. • **DIMENSIONS** — 14" x 10 1/2" x 4" high. • **SHIPPING WEIGHT**—18 lbs.
Sherwood Model S-2000 FM-AM Tuner — (chassis only).....Net 139.50
Sherwood Model S-2000 FM-AM Tuner — (in brown or black flexstone cabinet — please specify which).....Net 144.50
SHERWOOD FM TUNER MODEL S-3000 — Circuitry and characteristics same as FM section of S-2000 above but also has "local-distance" switch. Shpg. wt., 16 lbs.
Sherwood Model S-3000 FM Tuner— (chassis only).....Net 99.50
Sherwood Model S-3000 FM Tuner — (in brown or black flexstone cabinet—please specify which).....Net 104.50



SHERWOOD MODEL S-2000

SHERWOOD MODEL S-1000II 36-WATT AMPLIFIER

FEATURES: A new, versatile combination amplifier and pre-amplifier-control center, tastefully styled for use as book-shelf, table or desk top, or for custom cabinet installation. • Choice of speaker damping factors • Tape recording provisions, including front-panel monitoring switch for instantaneous comparison of recorded and source signals when used with a tape recorder having a monitor head. • Facilities for equalized playback directly from a tape recorder head. • Flat equalization provided for microphone. • Cathode follower recording output permits long cables. • 12db/octave scratch and rumble filters • Presence Rise Switch, "center-set" loudness control, "pivoting" tone controls — arranged for simplicity of operation yet complete flexibility. • 3 millivolt sensitivity of phono pre-amplifier, provided with lowest possible noise, hum and microphonics, for use with moving coil cartridges, such as Fairchild and Electro-Sonic.

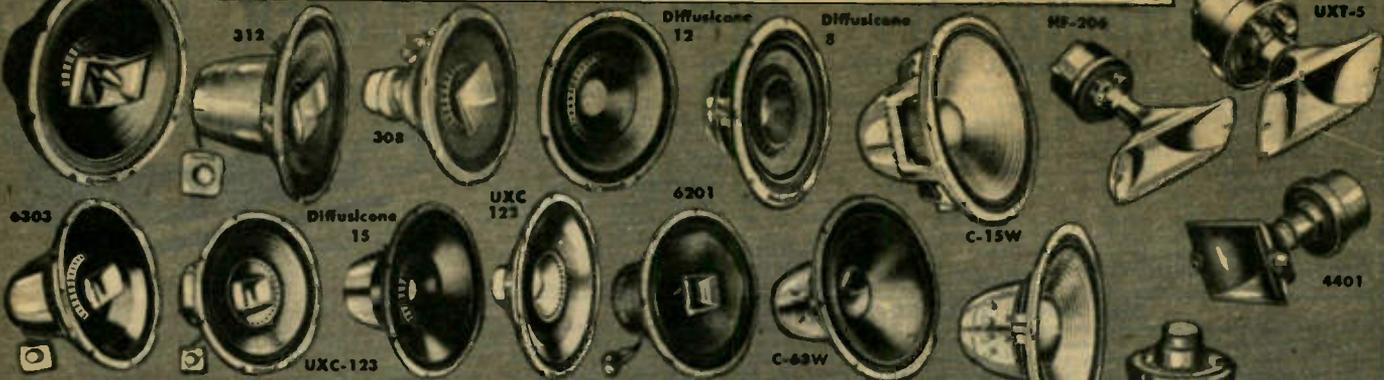
SPECIFICATIONS: POWER OUTPUT — 36 watts (72 watts peak) at 1/2% harmonic or 1 1/2% IM distortion. RESPONSE

— 20-20,000 cps \pm 1/2 db. **OUTPUTS** — 4, 8 and 16 ohms; cathode-follower recording. **CONTROLS** — Selector Switch; Equalization: RIAA/AES, LP, LON, EUR, NABTS TAPE (for direct tape-head playback), Flat (for mike); Bass and Treble: "pivoting" tone central controls provide smooth variation from the 900 cps crossover point; Loudness: "center-set" provides loudness control action below "12-o'clock" position, volume control action above; Loudness In-Out Switch; Tape Monitor Switch; Presence Switch (boosts response at 2500 cps); Scratch and Rumble Filter Switches; Phono Level. **SENSITIVITY** — Radio 0.3v., Phono 3mv. **POWER CONSUMPTION** — 85 watts, 110-120 volts, 50-60 cps AC. **TUBES** — 4-EL84, 6B8A, 2-12AX7/ECC83, 6AQ6; GZ34 (Rectifier). **DIMENSIONS** — 14" x 10 1/2" x 4" high. **SHPG. WT.** — 23 lbs.
Sherwood S-1000 II — Chassis only.....Net 109.50
Sherwood S-1000 II—in brown or black flexstone cabinet (please specify which).....Net 114.50



SHERWOOD MODEL S-1000II AMPLIFIER

UNIVERSITY HIGH-FIDELITY SPEAKERS



3-WAY DIFFAXIAL SPEAKERS

MODEL 315-C SUPER 15"—The NEW, improved 315-C has woofer with high excursion, dual spider piston and special diaphragm for clean bass down to 25 cps. Diffusicone mid-range section crosses over mechanically at 1000 cps. New heavy-duty T-50 hypersonic driver and new wide-angle horn. New adjustable crossover network, tweeter output also adjustable. 6 lbs. 7½ oz. magnet. Response 25 cps to inaudibility. 50 watts. 8-16 ohms. 12" deep. Shpg. wt., 34½ lbs.

UNIVERSITY 315-C — List 264.16 Net **155.33**

MODEL 6303 15" — 3-way integrated speaker system incorporating super-efficient woofer, patented "diffusicone" mid-range with mechanical crossover at 1000 cps, and newly-improved HF-206 hypersonic tweeter true-axially mounted with crossover at 5000 cps. Built-in frequency-dividing network includes "Brilliance" (treble) balance control. 30 watts. 8-16 ohms. 10" deep. Shpg. wt., 12 lbs.

UNIVERSITY 6303 — List 138.33 Net **81.34**

MODEL 312 SUPER 12" — 3-way difaxial with new hypersonic HF-206 super-tweeter true-axially mounted through center of 12" woofer. Full-bodied midrange by patented multi-element "diffusicone" section with mechanical crossover at 1000 cps. Built-in L/C network for electrical crossover at 5000 cps. With variable "brilliance" (treble) control. 2 lb. Alnico 5 Gold Dot magnet. Response 40 cps to inaudibility. 25 watts power capacity with integrated program material. 8-16 ohms. 8" deep. Shpg. wt., 11 lbs.

UNIVERSITY 312 — List 116.70 Net **68.60**

MODEL 308 8" — 8" version of 312. Response 50-15,000 cps. 8-16 ohms voice coil, 25 watts capacity. 6¼" deep. Shpg. wt., 5 lbs. — List 66.25 Net **38.95**

MODEL UXC-123 12" — Integrated 3-way speaker assembly with built-in L/C crossover network and "Brilliance" (treble) control. Has exclusive standard uni-sectional "diffusicone" mid-range element, UXT-5 super tweeter with "reciprocating flares" wide-angle horn mounted through the center axis of woofer assembly. High efficiency, low distortion, uniform wide-angle sound dispersion. Mechanical crossover at 1000 cps, electrical at 5000 cps. Response 45-17,500 cps. 25 watts. 8-16 ohms voice coil. 8¼" deep. Shpg. wt., 9 lbs.

UNIVERSITY UXC-123 — List 106.70 Net **62.72**

2-WAY DIFFAXIAL SPEAKERS

DIFFUSICONE -12 12" — 2-way integrated system. Multisectional "diffusicone" with 1000 cps. mechanical crossover. Coaxial dual horn loading at apex of cone extends mid-and high-frequency response. Full fidelity listening at all points off speaker axis. 1½ lbs. Alnico 5 Gold Dot magnet. Response 40-14,000 cps. 30 watts. 8-16 ohms. 4¼" deep. Shpg. wt., 6 lbs.

UNIVERSITY DIFFUSICONE-12 — List 61.67 Net **36.26**

DIFFUSICONE-15 — Same as Diffusicone-12 but 15" speaker, providing response of 30-14,000 cps. 10" deep. Shpg. wt., 8¼ lbs. List 75.00 Net **44.10**

DIFFUSICONE-8 — Same as Diffusicone-12 but 8". 1 lb. magnet. Response 70-13,000 cps. 25 watts power handling. 3¾" deep. Shpg. wt., 3¼ lbs. List 43.33 Net **25.48**

MODEL UXC-122 12" — 2-way difaxial with uni-sectional "diffusicone" design. Coaxial horn loading at apex of cone extends mid-and high-frequency response. Special woofer cone, extra-large voice coil. Response 45-13,000 cps; 25 watts; 8-16 ohms. 4" deep. Shpg. wt., 5¼ lbs. List 55.00 Net **32.34**

MODEL 6201 12" COAXIAL

Popular dual range coaxial system. Tweeter coaxially mounted, with high-efficiency, wide angle uniform treble reproduction. Built-in L/C crossover network with "Brilliance" Control, 2000 cps crossover. Response 45-15,000 cps. 25 Watts. 8-16 ohms. 8¼" deep. Shpg. wt., 10½ lbs.

UNIVERSITY 6201 — List 86.67 Net **50.96**

ADJUSTABLE CROSSOVER NETWORKS

MODEL N-1. Adjustable high-pass filter with built-in "Brilliance" control. For 2-way (woofer and tweeter) systems. Crossovers 2500, 5000 or 10,000 cps at 8 ohms; 1250, 2500, 5000 or 10,000 cps at 16 ohms; 5000 or 10,000 cps at 4 ohms. Can be used with N-2A in 3-way system. Fits panels up to 1" thick. 3¾" x 3¼" x 3". Shpg. wt., 1¼ lbs.

UNIVERSITY N-1 — List 17.50 Net **10.29**

MODEL N-3. "Acoustic Botan" adjustable L/C network with built-in "Presence" (mid-range) and "Brilliance" (treble) controls for use in 3-way systems. Mid-range crossover either 350 or 700 cps; tweeter 5000 cps. 8 ohms. For panels up to 1" thick. 7" x 5" x 3". Shpg. wt., 5½ lbs.

UNIVERSITY N-3 — List 46.66 Net **27.44**

MODEL N-2A. Adjustable L/C network. For 2-way systems or can be used in pairs or with N-2B for 3-way systems. 6 db per octave, or may be used in pairs as 12 db per octave network, or singly as 12 db per octave low or high pass filter. Crossover either 350 or 700 cps at 8 or 16 ohms, 700 cps at 4 ohms. 3¾" x 3¼" x 3". Shpg. wt., 2¼ lbs.

UNIVERSITY N-2A — List 30.00 Net **17.64**

MODEL N-2B. Same as N-2A but with crossover at 1250, 2500 or 5000 cps at 8 ohms; 2500 or 5000 cps at 16 ohms; 2500 cps at 4 ohms. List 23.33 Net **13.72**

UNIVERSITY MODEL AP-8 "BALANCE" CONTROL — Attenuator pad for use with N-2A and N-2B networks. One side of escutcheon marked "Presence" for mid-range speakers, other side marked "Brilliance" for tweeters. For 8-16 ohm systems. Shpg. wt., 7 oz. List 6.58 Net **3.87**

TWEETERS

MODEL HF-206 HYPERSONIC TWEETER — Extends high frequency response to beyond audibility. Die-cast aluminum "reciprocating-flare" horn principle, with new super-efficient driver. Low end cutoff 3500 cps. 25-50 watts. 8 ohms. N-1 or N-2B recommended for 5000 cps crossover. 6" x 3-5/16" x 6-9/16". Shpg. wt., 3½ lbs.

UNIVERSITY HF-206 — List 55.00 Net **32.34**

MODEL UXT-5 SUPER TWEETER — Compression driver, patented "reciprocating flare" horn. Uniform dispersion 120° horizontally, 50° vertically. High conversion efficiency. Response 4500 cps to 17,500 cps. 25-50 watts. Use N-1 or N-2B 5000 cps crossover networks. 8 ohms. 4½" x 2½" x 4". Shpg. wt., 1¾ lbs.

UNIVERSITY UXT-5 — List 35.00 Net **20.58**

MODEL 4401 TWEETER — Reciprocating flare type. 2000-15,000 cps, 8 ohms, 25 watts. 120° horizontally, 50° vertical dispersion. 6" x 2¾" x 6-5/16". Shpg. wt., 2 lbs. List 30.00 Net **17.64**

MODEL T-50 HYPERSONIC DRIVER — New, highly efficient, heavy duty compression driver for use with H-600 horn. Response from 600 cps to inaudibility. For the ultimate in performance. Use with N-2A network. 8 ohms. 4¼" diam., 4¼" deep. Shpg. wt., 5 lbs.

UNIVERSITY T-50 — List 82.50 Net **48.51**

MODEL T-30 DRIVER — Newly redesigned, for mid-range in 3-or 4-way systems, tweeter in 2-way system. Use with H-600 or Cobreflex horns, N-2A network. 200-15,000 cps; 8 ohms; 1¾" — 18 throat; 3½" diam., 3¾" deep. Shpg. wt., 2¼ lbs. List 50.00 Net **29.40**

MODEL H-600 HORN — For mid-range and high frequencies. 600 cps cutoff. Combines "reciprocating flare" principle with hemispheric deflection for uniform sound distribution. Use with T-30 or T-50 drivers or any with 1¾" — 18 throat. 7¾" x 8¾" x 4¾". Shpg. wt., 2½ lbs.

UNIVERSITY H-600 — List 30.00 Net **17.64**

COBREFLEX HORN — Finest mid-range horn for 3-way systems when used with T-30 driver. 1¾" — 18 throat. 10½" x 18½" x 9¼". Shpg. wt., 10¼ lbs. List 38.35 Net **22.55**

WOOFERS

MODEL C-15W 15" — Dual impedance range woofer. Maximum conversion with new type voice coil with greatest axial depth and excursion ever attained. Exclusive twin spider arrangement and 6 lb. Alnico 5 Gold Dot magnet. Response from below 25 to 1500 cps. Up to 50 watts. Exclusive dual impedance voice coil assembly enables use with any system of 4 or 20 ohms. 10½" deep. Shpg. wt., 26¾ lbs.

UNIVERSITY C-15W — List 141.66 Net **83.30**

MODEL C-12W 12" — Built-in adjustable high-end limiter for 700, 2500 or 5000 cps, suitable for most tweeters in 2-way systems, or you can use in conjunction with N-1 high-pass filter, for complete L-C network for 2-way system. 1½ lb. magnet. 40-6000 cps. 8 ohms. Up to 30 watts program material. 6½" deep. Shpg. wt., 7¼ lbs.

UNIVERSITY C-12W — List 60.00 Net **35.28**

MODEL C-8W 8" — Response down to 50 cps in proper baffle. Suitable for crossover up to 5000 cps. Up to 25 watts. 8 ohms. 4¼" deep. Shpg. wt., 3 lbs. List 22.50 Net **13.23**

MODEL C-63W 15" — Adjustable high-end, similar to C-12W. Response overall 30-6000 cps. 1½ lb. magnet. 30 watts. 8 ohms. 10" deep. Shpg. wt., 10 lbs. List 81.66 Net **48.02**

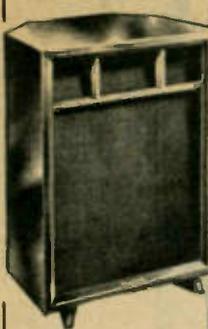
MODEL C-15HC 15" — New type high compliance woofer using new Hifix UNIFERROX-7 magnet material for positive transient control during maximum excursions. Yields outstanding bass depth with ultra-linear response throughout entire low frequency range. Recommended enclosure or baffle volume 3.4 cu. ft. with a duct 4" in length and 3" in diam. at rear of enclosure. Resonance 15 cps. Response to 800 cps. Dual Impedance voice coil. Power rating 20-70 watts depending on system. 9½" deep. Shpg. wt., 24¾ lbs.

UNIVERSITY C-15HC — List 149.16 Net **87.71**

MODEL C-12HC 12" — Similar to C-15HC. Power rating 25-60 watts. Recommended baffle 1.8 cu. ft. with 10" duct and 3" diam. at rear of enclosure. Response to 2500 cps. Resonance 18 cps. Dual impedance voice coil. 6½" deep. Shpg. wt., 8½ lbs. List 82.50. Net **48.51**

University SPEAKER SYSTEMS and ENCLOSURES

UNIVERSITY "Decor-Coustic" SPEAKER SYSTEMS



THE "SENIOR"



Model 5-5 "The Senior" 3-Way System
Fulfills the need for a top quality performer where space and budget are limited. Includes basic C-12W woofer (less response limiter), H-600/T-30 mid-range combination, UXT-5 "reciprocating-flare" wide angle super-tweeter, and Acoustic Baton (N-3) network with "Brilliance" and "Presence" controls. This outstanding team of components performs with excellent efficiency to beyond audibility, handling up to 30 watts of integrated program material. Installed in University's newest folded horn enclosure, the result is smooth, natural reproduction of speech and music. Made by master craftsmen with the same quality of material, workmanship and finish as the finest furniture. Available in mahogany, walnut and blonde. Size: 21 1/2" w x 15 3/4" d x 30" h. Shpg. wt., 85 lbs.

UNIVERSITY 5-5—Speaker System Complete (Mahogany). List 333.33 Net 196.00

UNIVERSITY 5-5—Speaker System Complete (Walnut). List 348.33 Net 204.82

UNIVERSITY 5-5 — Speaker System Complete (Blonde). List 341.67 Net 200.90

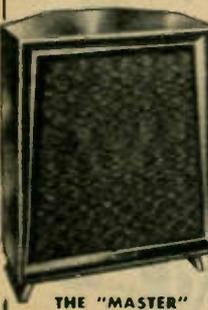
UNIVERSITY MODEL EN-12 ENCLOSURE ONLY— As used in "The Senior" system but less speaker components. May be used with any University or other 12" speaker or multiple speaker system with 12" woofer, H-600 horn with T-30 driver for mid-range or T-50 driver for full range and with 4401, UXT-5 or HF-206 as tweeter. Shpg. wt., 60 lbs.

EN-12—Mahogany. List 126.67 Net 74.48

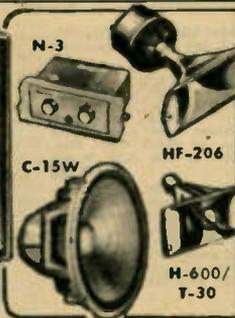
EN-12—Walnut. List 139.17 Net 81.83

EN-12—Blonde. List 132.50 Net 77.91

EN-12—Unfinished. List 109.17 Net 64.19



THE "MASTER"



Model 5-6 "The Master" 3-Way System
Provides the full response and full dynamic range of music at an attractive price for such quality. Includes the C-15W 15" woofer, the H-600 horn with T-30 driver for mid-range, and the HF-206 hypersonic tweeter for natural highs. The N-3 "Acoustic Baton" crossover network with "Brilliance" and "Presence" controls completes this matched team of quality components. Performance competes with many systems considerably larger in size and higher in cost. Handles up to 50 watts of program material. All components installed in a new folded horn "cornerless-corner" enclosure which permits use either in a corner or flat against a wall. Size: 27" w x 20" d x 37" h. Available in mahogany, walnut or blonde. Shpg. wt., 130 lbs.

UNIVERSITY 5-6—Speaker System Complete (Mahogany). List 516.67 Net 303.80

UNIVERSITY 5-6—Speaker System Complete (Walnut). List 541.67 Net 318.50

UNIVERSITY 5-6 — Speaker System Complete (Blonde). List 533.33 Net 313.60

UNIVERSITY MODEL EN-15 ENCLOSURE ONLY— As used in "The Master" system but less speaker components. For use with any 12" or 15" speaker or for any multiple speaker combination such as 12" or 15" woofer; 8" speaker or H-600/T-30 for mid-range; 4401, UXT-5, HF-206 or H-600/T-50 as tweeter. Available in mahogany, walnut, blonde or unfinished. Shpg. wt., 96 lbs.

EN-15—Mahogany. List 208.33 Net 122.50

EN-15—Walnut. List 232.50 Net 136.71

EN-15—Blonde. List 225.00 Net 132.30

EN-15—Unfinished. List 170.00 Net 99.96



THE "CLASSIC"



Model 5-8 "The Classic" Deluxe System
The CLASSIC 3-way system embodies many engineering advances. Components installed include the C-15W 15" woofer; Cobreflex wide-angle dual exponential horn with T-30 driver for rich, full-bodied middle frequencies; the new HF-206 hypersonic tweeter plus the N-3 "Acoustic Baton" network with "Brilliance" and "Presence" controls. The enclosure is a versatile, front-loaded, folded horn operating the woofer as a compression driver for maximum efficiency—thus functioning independently of walls and floor. May be used as a "lowboy" or "highboy" console. Response 20 cps to inaudibility. Handles up to 50 watts of integrated program material. 8 ohms impedance. Available in mahogany, walnut and blonde. Size: 40 1/2" x 25 1/2" x 34 1/2" high. Shpg. wt., 225 lbs.

UNIVERSITY 5-8—Speaker System Complete (Mahogany). List 791.67 Net 465.50

UNIVERSITY 5-8—Speaker System Complete (Walnut). List 866.67 Net 509.60

UNIVERSITY 5-8 — Speaker System Complete (Blonde). List 825.00 Net 485.10

UNIVERSITY 5-9—"Classic" System. Complete in unfinished EN-CB cabinet. Shpg. wt., 185 lbs. List 533.33 Net 313.60

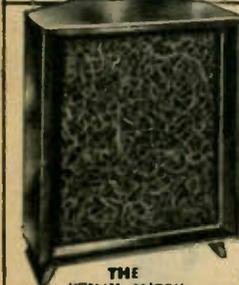
UNIVERSITY EN-CB ENCLOSURE ONLY— Same as used in "Classic" system, completely assembled but unfinished, less base and frame, complete with necessary hardware for mounting speakers. Shpg. wt., 142 lbs. List 200.00 Net 117.60

UNIVERSITY 5-7 "DEAN" DELUXE CORNER SYSTEM— Same 3-way system as the "Classic" but with full compression, front-loaded, folded horn "cornerless-corner" enclosure for corner or side wall. 37 3/8" w x 26 3/4" d x 36 3/8" h. Shpg. wt., 208 lbs.

5-7—Mahogany. List 791.67 Net 465.50

5-7—Walnut. List 866.67 Net 509.60

5-7—Blonde. List 825.00 Net 485.10



THE "TINY MITE"



Model 5-3TM "Tiny-Mite" System
"Cornerless-corner" design, suitable for corner installations or against a flat wall. This well-proportioned "Decor-Coustic" unit, with Model 308 3-way Diffaxial Speaker is a powerhouse of acoustic energy. Combines the best features of horn-loading, phase inversion and direct radiation to achieve balanced extended range performance with high output. Woofer section features specially treated diaphragm with extra-large voice coil and undistorted bass response; full-bodied midrange with mechanical crossover at 1000 cps provided by "diffusicone" element; smooth highs to 15,000 cps provided by driver and "reciprocating-flares" horn crossing over electrically at 5000 cps. Power rating up to 25 watts program material. 8 ohms. 15 1/2" w x 12 1/2" d x 21 1/4" h. Shpg. wt., 30 lbs.

UNIVERSITY 5-3TM—Speaker System Complete (Mahogany). List 141.67 Net 83.30

UNIVERSITY 5-3TM—Speaker System Complete (Walnut). List 149.17 Net 87.71

UNIVERSITY 5-3TM—Speaker System Complete (Blonde). List 146.67 Net 86.24

UNIVERSITY TM-812 ENCLOSURE ONLY— As used in "Tiny-Mite" system but less speaker. Suitable for 8" or 12" speaker. Shpg. wt., 25 lbs.

TM-812—Mahogany. List 72.50 Net 42.63

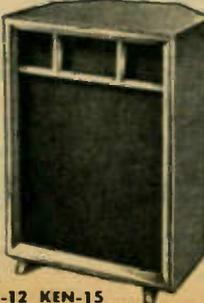
TM-812—Walnut. List 80.83 Net 47.53

TM-812—Blonde. List 77.50 Net 45.57

TM-812—Unfinished. List 62.92 Net 36.99

**NEW!
UNIVERSITY
ENCLOSURE
KITS**

KEN-12 KEN-15



NEW FOLDED-HORN ENCLOSURE "KWIKITS"
Sturdy, carefully-engineered, genuine Korina veneer speaker enclosures for "do-it-yourself" assembly, similar to EN-Series enclosures. Pre-cut complete with all necessary hardware. Made from 3/4" first-grade, fully-cured lumber for top, bottom, sides and back. All pieces precision cut and pre-drilled—only a screwdriver is needed! Baffle board pre-cut—blank plugs and adaptors supplied for easy installation of additional components as system expands.

Acoustic design combines direct speaker radiation with rear horn loading to blend bass, middle and treble ranges for uniform response anywhere in the room. "Kwikits" performance is independent of room acoustics and can be used against a flat

wall, in a corner or anywhere in the room.

Kits complete with hardware, plastic wood, glue, sandpaper, Tufflex insulation, and easy-to-follow instructions. Size: KEN-12: 21 1/2" w x 15 1/2" d x 29 1/2" h; KEN-15: 29" w x 18 1/2" d x 35 1/4" h. Shpg. wt., KEN-15: 70 lbs; KEN-12: 45 lbs.

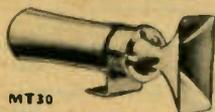
UNIVERSITY KEN-15—Kwikit for 15" speakers and multi-speaker systems, complete. List 99.17 Net 58.31

UNIVERSITY KEN-12—Kwikit for 12" speakers and multi-speaker systems, complete. List 74.60 Net 43.86

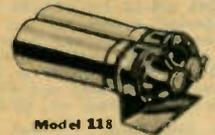
ADAPTER—For mounting 12" speaker in KEN-15. List 2.50 Net 1.47

Electro-Voice HI-FI SPEAKERS

MID-BASS AND TREBLE DRIVER-HORN ASSEMBLIES



MT30



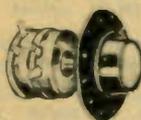
Model 118

Model 118—Mid-bass, dual-driver assembly. Includes two 82HF driver, two mid-bass horn sections, mounting accessories. For use in Patrician and custom installations. Response when used in recommended 200-cycle horn, 150 to 1000 cps. RETMA sensitivity rating 52 db. Power handling capacity 30 watts program, 60 watts peak. 16 ohms impedance. Net Each..... **76.44**

Model MT30—Mid-bass and treble driver assembly. Includes 82HF coaxial driver, treble horn, mid-bass horn sections, angle throat. For use with high-efficiency, full-range speakers and deluxe phase loaded systems. Response in recommended 200-cycle horn, 200-11,000 cps. Sensitivity rating 52 db. 30 watts program, 60 watts peak power capacity. 16 ohms impedance. Size 2 1/4" long, 8 1/2" high overall max. Net Each **42.14**

Model MT30B—Similar to MT30 above except employs 82HFB driver unit, for use with medium-efficiency speakers and phase loaded systems. Sensitivity rating 48 db, 20 watts program, 40 watts peak power capacity. (Other specifications same as MT30.) Net Each..... **34.30**

DIFFRACTION HORNS



8HD

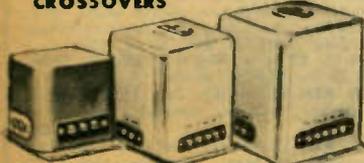
AT37

Model 8HD Diffraction Horn. New principle provides perfect dispersion of high frequencies through a 120° solid angle. Actual cutoff 400 cps, crossover 800 cps, eliminating cutoff disturbances. Made of fiberglass. For T10A and T25A drivers. 3 3/4" h., 1 1/4" w., 7 1/4" d. Mounting hardware included. Shpg. wt. 4 lbs. Net Each..... **17.64**

Model 6HD Diffraction Horn. For systems utilizing 600 cps crossover. Horn designed with actual 400 cps cutoff; prevents response disturbances associated with operation too near actual cutoff point. Diffraction principle effects 120° dispersion. 3 3/4" h., 1 1/4" w., 12" d. For T10A and T25A drivers. Mounting hardware included. Shpg. wt. 6 lbs. Net Each..... **21.56**

Model AT37 Level Control. 16 ohm "L" pad. For use with T35, T35B, T10A, T25A, 848HF drivers and similar applications. Adjusts output level to individual taste. Mahogany dial. Net Each..... **3.81**

CROSSOVERS



X16

X336

X2635

All EV crossovers use high-Q air core coils and paper condensers. Low insertion loss, attenuation 12 db per octave in 1/2 section, 6 db per octave in 1/4 section crossovers.

Model X425 Crossover. 1/4 section. Crossover point, 400 cps. Impedances 16 ohms in and out. Size 4 1/2" h., 4" w., 3 1/2" d. Shipping Weight 4 lbs. Net Each..... **31.36**

Model X825 Crossover as used in EV 108 system. 1/4 section. Crossover point, 800 cps. Impedances 16 ohms in and out. Size 3 1/2" h., 4" w., 3 1/2" d. Shpg. Wt. 3 lbs. Net Each..... **18.62**

Model X8 Crossover. 1/2 section. Crossover point, 800 cps. Impedances 16 ohms in and out. Size 4 1/2" h., 4" w., 3 1/2" d. Shipping Weight 4 lbs. Net Each..... **31.36**

Model X6 Crossover. 1/2 section. Crossover point, 600 cps. Impedances 16 ohms in and out. Size 5 1/2" h., 5 1/2" w., 4 1/2" d. Shipping Weight 7 lbs. Net Each..... **38.22**

Model X336 Crossover designed for Georgian and Centurion systems. Crossover points at 300 and 3500 cps. Impedances 16 ohms in and out. Size 5 1/2" h., 5 1/2" w., 4 1/2" d. Shipping Weight 9 lbs. Net Each..... **38.22**

Model X16 Crossover. Recommended for use with T35 and T35B. 1/4 section. Crossover point, 3500 cps. Impedances 16 ohms in and out. Size 3 1/2" h., 4" w., 3 1/2" d. Shipping Weight 2 lbs. Net Each..... **9.31**

Model X2635 4-Way Crossover. 1/4 and 1/4 sections. Crossover points, 200, 600, and 3500 cps. Impedances 16 ohms in and out. Size 6" h., 5 1/2" w., 5 1/2" d. Shipping Weight 11 lbs. Net Each..... **73.50**

NEW IONOVAC IONIZED AIR VHF DRIVER

Model T3500 Ionovac—For those who desire the very finest in smooth, extended high-frequency reproduction, Electro-Voice offers the Ionovac VHF driver. In this radical new approach to reproduction of the higher octaves, a glowing violet "cloud" of ionized air replaces the speaker diaphragm. This cloud is modulated directly by the audio signal producing rarefaction and compression of the air forming sound. This sound is unrestricted by properties of mass; not only does it reproduce audible sounds impeccably, but its notably smooth high response reaches well into the ultrasonic range. Frequency response = 2 db from 2 kc to 40 kc. Polar pattern 180°. RETMA sensitivity rating 60 db. Recommended crossover 3500 cps. Power handling capacity 50 watts program, 100 watts peak. Impedance 16 ohms. Size: Driver assembly 9" high, 3 1/2" wide, 7" deep overall; Electronic unit—5 1/2" high, 5" wide, 13 1/2" deep overall. Baffle opening, 1 1/2" x 6" Net Each..... **147.00**

VERY-HIGH-FREQUENCY DRIVERS

Smooth, silky reproduction... extended response to beyond audible limits... 180° dispersion using diffraction horns... these are the features which have made E-V super-tweeters the music lover's choice.

Model T350—Adds very high frequencies with reserve power, extra sensitivity. For use in deluxe multiway systems having extended bass range. Response to 21 kc. Sens. Rtg. 60 db. 2-lb. magnet, 16 ohms. Recommended crossover 3500 cps. Horn 7 1/4" long, 2 1/4" wide. Pot 3 1/4" diameter. Overall depth 4 1/4". Shpg. Wt. 9 1/2 lbs. Net Each..... **58.80**

Model T35—Reproduces VHF range, for use with deluxe multiway systems response to 19 kc. Sens. Rtg. 57 db. 8-oz. magnet, 16 ohms. Recommended crossover 3500 cps. Horn 5 1/4" long, 2" wide. Pot 2 1/4" diameter. Overall depth 3 1/4". Shpg. Wt. 3 lbs. Net Each..... **34.30**

Model T35B—For VHF reproduction in medium efficiency, multiway systems. Response to 18 kc. Sens. Rtg. 54 db. 16 ohms. Recommended crossover 3500 cps. Horn 5 1/4" long, 2" wide. Pot 2 1/4" diameter. Overall depth 3". Shpg. Wt. 3 lbs. Net Each..... **21.56**

TRX INTEGRAL 3-WAY SPEAKERS

Three-in-one concentric design combines the advantages of Super-Sonax VHF reproduction, Radax propagator, and large bass cone with heavy magnet in one compact, low-priced assembly.

Model 15TRXB—Integrated 3-way assembly completely wired with HF Control. Overall diam. 15 1/4". Resonance 38-48 cps. 20 watts. Magnet weight 1 lb., 2 oz. Response 30-15,000 cps in EMPIRE. Mechanical crossover 3000 cps; electrical crossover 3500 cps. Depth behind mounting panel 7 1/4". Impedance 16 ohms. Sens. rtg. 47 db. Shipping Weight 17 lbs. X36 not required. Net Each..... **77.42**

Model 15TRX—15 1/4" diameter overall. Resonance 35-45 cps. 30 watts. Magnet weight, 5/8 lb. Response, 30-15,000 cps in recommended REGENCY enclosure. Depth behind mounting panel 7 1/4". Mechanical crossover 2000 cps, electrical crossover, 3500 cps. Impedance, 16 ohms. Sens. rtg., 51 db. Shipping Weight 48 lbs. With X36 and AT37. Net Each..... **146.02**

Model 12TRXB—Integrated 3-way assembly completely wired with HF control. Overall diam. 12 1/4". Resonance 45 cps. 20 watts. Magnet wt., 1 lb., 2 oz. Response, 35-15,000 cps in ARIEL OCRAAT. Mech. crossover, 2000 cps; electrical crossover, 3500 cps. Depth behind panel 6 1/4". Imp., 16 ohms. Sens. Rtg. 46 db. Shipping Weight 14 lbs. X36 is not required. Net Each..... **64.68**

Model 12TRX—Overall diameter 12 1/4". Resonance, 40 cps. 25 watts. Magnet weight, 3/4 lb. Response, 30-15,000 cps in recommended ARIEL OCRAAT enclosure. Mechanical crossover, 2500 cps; electrical crossover, 3500 cps. Depth behind mounting panel, 8". Impedance, 16 ohms. Sens. rtg. 49 db. Shipping Weight 32 lbs. With X36 and AT37. Net Ea. **122.50**

RADAX COAXIAL SPEAKERS

The EV Radax Principle is an economical, super-efficient method of using two coaxial cones, both operating from a single voice coil, to divide the audible spectrum for clean, sparkling reproduction.

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. Crossover, 6000 cps. 1 lb. Alnico V magnet 8 1/2" diam., 7" baffle opening, 4 1/4" depth behind panel. Shpg. Wt. 9 lbs. Net Each..... **28.91**

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, 12 1/4" diameter, 11" baffle opening, 6" depth behind panel. Shpg. Wt. 12 lbs. Net..... **34.30**

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. Crossover, 4000 cps. 3 lb. Alnico V magnet, 12 1/4" diameter, 11" baffle opening, 7 1/4" depth behind panel. Shipping Weight 25 lbs. Net Each..... **64.68**

Model SP15B Radax Fifteen—15" speaker. Resonance 38 cps. 15-20 watts. Response 30-13,000 cps. 16 ohms impedance. Sens. rtg. 47 db. Crossover 3500 cps. 1 lb. Alnico V magnet, 15 1/4" diam., 13 1/4" baffle opening, 7" depth behind mtg. panel. Shipping Weight 15 lbs. Net Each..... **42.14**

Model SP15 Radax Super-Fifteen—15" speaker. Resonance, 40 cps. 30 watts. Response 30-13,000 cps. 16 ohms impedance. Sens. rtg., 50 db. Crossover, 3000 cps. 5/8 lb. Alnico V magnet, 15 1/4" diameter, 13 1/4" baffle opening 9" depth behind panel. Shipping Weight 41 lbs. Net Each..... **87.22**

LOW-FREQUENCY DRIVERS

Model 12BW—1" LF driver. Resonance, 40-50 cps. Used in EV 108A system. 1 lb. Alnico V magnet, 20 watts. Impedance, 16 ohms. Sens. rtg., 45 db. 12 1/4" diam., 11" opening, 6" depth behind panel. Shipping Weight 12 lbs. Net Each..... **34.30**

Model 12W—12" LF driver. Resonance, 35-45 cps. 3 lb. Alnico V magnet, 25 watts. 16 ohms impedance. Sens. rtg. 48 db. 12 1/4" diameter, 11" max. baffle opening, 7 1/4" depth behind panel. Shipping Weight 25 lbs. Net..... **64.68**

Model 15BW—15" LF driver. Resonance, 38-48 cps. 1 lb. Alnico V magnet, 20 watts. 16 ohms impedance. Sens. rtg. 47 db. 15 1/4" diam., 13 1/4" max. baffle opening, 7 1/4" depth behind mtg. panel. Shpg. Wt. 15 lbs. Net..... **42.14**

Model 15BWK—Above, but 3.2 ohms DC. (for indirect radiator horns). 16 ohms. Net Each..... **42.14**

Model 15W—15" LF driver. Resonance, 25-35 cps. 5 1/2 lb. Alnico V magnet, 30 watts. 16 ohms impedance. Sens. rtg., 45 db. 15 1/4" diam., 11" opening, 6" depth behind panel. Shipping Weight 41 lbs. Net Each..... **87.22**

ohms impedance. Sens. rtg. 50 db. 15 1/4" diam., 13 1/4" max. opening, 7" depth behind panel. Shipping Weight 41 lbs. Net Each..... **87.22**

Model 15WK—Above, but 3.2 ohms DC. 29 cps resonance (for indirect radiator horns). 16 ohms impedance. Net Each..... **87.22**

Model 15W—18" LF driver, 30 watts. Resonance, 25-35 cps. 16 ohms impedance. Sens. rtg., 53 db. 18 1/4" diam., 16 1/4" max. opening, 10" behind panel. 5 1/2 lb. Alnico V magnet. Shipping Weight 43 lbs. Net Each..... **117.60**

Model 18WK—Above, but 3.2 ohms DC. 20-30 cps resonance (for indirect radiator horns). 16 ohms impedance. Net Each..... **117.60**

TREBLE DRIVERS

Model T25A—HF driver, 20-30 watts. Response, 400-13,000 cps. Impedance, 16 ohms. Sens. rtg., 53 db. 1 lb. Alnico V magnet, 3 3/4" diam., 4 1/4" deep. Throat diam., 1/4". Shipping Weight 6 lbs. Net Each..... **56.84**

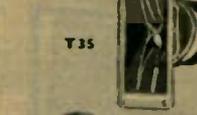
Model T10A—HF driver, 20 watts. Response 400-13,000 cps. Impedance, 16 ohms. Sens. rtg., 51 db. 1/2 lb. Alnico V magnet, 3 3/4" diameter, 3 3/4" deep. Throat diameter, 1/4". Shipping Weight 4 lbs. Net Each..... **41.65**



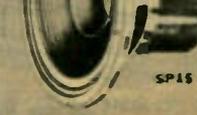
T3500



T350



15TRXB



SP15B



15W

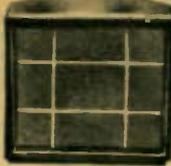


T25A

Electro-Voice

SPEAKER SYSTEMS & ENCLOSURES

COMPLETE SPEAKER SYSTEMS AND ENCLOSURES



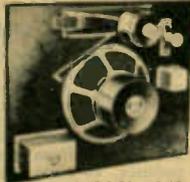
REGENCY



MODEL 108A



ARISTOCRAT



MODEL 114B

E-V designed systems extend the lows and enhance the highs utilizing the Klipsch-licensed horn loading principle of employing the walls of the room. Provides added bass and direct front radiation of higher frequencies with smoother, cleaner, overall musical balance. Gives you music as you want to hear it. Each is designed for proper room placement and room coverage and styled to complement any interior decor.

ARISTOCRAT THREE WAY SYSTEMS

The Aristocrat is an extremely popular, direct-radiator folded horn corner enclosure for 12" speakers and systems. Features balanced bass and treble without bass boominess. Authentically styled in fine veneers with lustrous hand rubbed finish. Brushed brass grille provides a graceful accent. Fits beautifully in any room. Size 29 3/4" H x 19" W x 16 3/16" D.

ARISTOCRAT 1A THREE WAY SYSTEM

An economical separate 3-way loudspeaker system, Model 108A is completely wired and installed in Aristocrat enclosure. Employs 12BW 12" LF driver, X825 crossover network, T10 treble driver with BMD diffraction horn, T35B VHF driver, X36 electrical crossover and 2AT37 controls for level and brilliance. Shpg. wt., 61 lbs.

Mahogany Net 235.20
Blonde Lined Oak or Walnut Net 242.06

ARISTOCRAT III THREE WAY SYSTEM

A deluxe system utilizing Model 111A separate 3-way speaker system using deluxe versions of the components found in the Aristocrat 1A. Complete with components wired and installed in cabinet. Shpg. wt., 74 lbs.

CENTURION FOUR WAY SPEAKER SYSTEMS

The Centurion is a beautiful, acoustically designed enclosure employing a W single path indirect radiator folded horn. The 4-way system reproduces full tonal range. Multiple drivers and crossover points insure clean distortion-free reproduction of each portion of the audio spectrum, in proper balance. Size 42 1/2" H x 29" W x 22 1/2" D.

CENTURION IV

Complete 4-way 15" loudspeaker system using the 117B economy K type indirect radiator folded-horn system, completely wired and installed in the Centurion enclosure. Consists of 15BWK LF driver, MT30B coaxial mid-bass and 2 AT37 controls for level and brilliance. Shpg. wt., 127 lbs.

Mahogany Net 384.16
Blonde Lined Oak or Walnut Net 391.02

SENIOR CENTURION IV

A deluxe system similar to Centurion IV in appearance, size and construction but with the highly efficient Model 105E deluxe speaker system components. Completely factory wired and installed. Shpg. wt., 165 lbs.

Mahogany Net 477.26
Blonde Lined Oak or Walnut Net 484.12

THE CENTURION ENCLOSURE SOLD ONLY WITH SYSTEM INSTALLED

GEORGIAN IV FOUR WAY SPEAKER SYSTEM

A complete 4-way loudspeaker system wired and installed in corner enclosure. Completely compression operated to minimize distortion and permit use of higher power and preserve musical balance. Multiplicity of crossover points and specially designed crossover network permits smooth transition from one section of the spectrum to another. Lustrous cabinetry, selected veneers with lustrous hand rubbed finish on all exposed sides, and brushed brass grille. Employs 15WK specialized K type LF driver, MT30 reentrance mid-bass horn assembly, X336 network, T350 VHF driver, and 2 AT37 level controls for presence and brilliance. Impedance is 16 ohms. Power handling capacity is 35 watts of program material, 70 watts on peak. Dimensions 53" high, 34" wide, 26" deep. Shpg. wt., 290 lbs.

Mahogany Net 548.80
Blonde Lined Oak or Walnut Net 558.60

THE GEORGIAN ENCLOSURE SOLD ONLY WITH SYSTEM INSTALLED



GEORGIAN

SPEAKER ENCLOSURE KITS

Economical, easy to assemble, complete kits for construction of Klipsch-licensed folded horn speaker enclosures. Kits include all parts, pre-cut lumber, glue, screws and nails. Detailed, easy-to-follow assembly instructions are provided. You can save money and have fun too by building your own hi-fi loudspeaker enclosure.

KD7 THE BARONET KIT

A conservatively modern, space-saving, versatile enclosure for 8" speakers and systems. Finished size is 23" H x 14" W x 13" D. Shpg. wt., 24 lbs. Net 25.48

KD6 THE ARISTOCRAT KIT

A deluxe space saving folded-horn corner enclosure for 12" speakers and systems. Finished size is 29 3/4" H x 19" W x 15 3/4" D. Shpg. wt., 37 lbs. Net 38.22

KD6 ARISTOCRAT KIT

MODEL 108A 3-way SYSTEM FOR ABOVE. Shpg. wt., 50 lbs. Net 164.64

MODEL 111A 3-way SYSTEM FOR ABOVE. Shpg. wt., 66 lbs. Net 235.20

THE KDS EMPIRE KIT

An economical lowboy enclosure for 15" speakers and systems. Finished size is 29 1/2" H x 32" W x 16" D. Shpg. wt., 45 lbs. Net 49.98

MODEL 116A 3-way SYSTEM FOR ABOVE. Shpg. wt., 68 lbs. Net 172.48

KD3 THE CENTURION KIT

Deluxe enclosure designed for 15" four-way speaker systems using 15" driver. Finished size 42 1/2" H x 29" W x 22 1/2" D. Shpg. wt., 75 lbs. Net 85.26

MODEL 117B 4-way SYSTEM FOR ABOVE. Shpg. wt., 50 lbs. Net 147.98

MODEL 105E DELUXE 4-way SYSTEM. Shpg. wt., 100 lbs. Net 240.10

KD4 THE REGENCY KIT

Functional, deluxe lowboy for 15" speakers and systems. Finished size is 29 1/2" H x 33 1/2" W x 19" D. Shpg. wt., 70 lbs. Net 71.54

MODEL 114B 3-way SYSTEM FOR ABOVE. Shpg. wt., 107 lbs. Net 260.68

KD2 THE GEORGIAN KIT

An interior assembly kit for built-in installations. Accommodates 15" driver 4-way speaker systems. Finished size 38 1/2" H x 26 1/2" W x 23 1/2" D. Shpg. wt., 88 lbs. Net 63.70

MODEL 105E DELUXE 4-way SYSTEM. Shpg. wt., 100 lbs. Net 240.10

DECORATIVE TRIM KITS

Shpg. wt., 3 lbs. Net 8.82

MODEL AK5 TRIM KIT FOR REGENCY. Shpg. wt., 3 lbs. Net 5.88

MODEL AK6 TRIM KIT FOR ARISTOCRAT. Shpg. wt., 3 lbs. Net 4.70

FINISHING KITS

MODEL FK10 Walnut Net 4.90

MODEL FK20 Mahogany Net 4.90

MODEL FK30 Fruitwood Net 4.90

MODEL FK40 Cherry Net 4.90

MODEL FK50 Golden Oak Net 4.90

MODEL FK60 Ebony Net 4.90

ENCLOSURES AND CABINETS ONLY

BARONET ENCLOSURE. Direct radiator, corner folded-horn for 8" speakers and separate systems. Sloping front. Size 23 1/2" H x 14 1/2" W x 14" D. Shpg. wt., 20 lbs. Net 44.10

Mahogany Net 48.02

Blonde Lined Oak or Walnut Net 48.02

DUCHESS ENCLOSURE. Accommodates phase loaded 4-way systems. As direct radiator, accepts all 12", 15" full range speakers. Size: 29 3/4" H x 25" W x 19" D. Shpg. wt., 60 lbs. Net 94.08

Mahogany Net 98.00

Blonde Lined Oak or Walnut Net 98.00

EMPIRE ENCLOSURE. Lowboy design with "built-in" corner. For 12" and 15" speakers or systems. 29 1/2" H x 32" W x 16" D. Shpg. wt., 56 lbs. Net 97.02

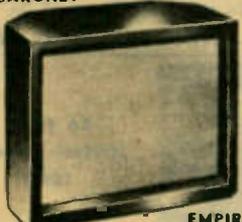
Mahogany Net 97.02



BARONET



DUCHESS



EMPIRE



SOVEREIGN

Jensen High Fidelity Loudspeakers and Components



YOU'RE AHEAD WITH JENSEN AUTHENTIC HIGH FIDELITY!

The new Jensen line of unitary loudspeakers offers for the first time a complete range of types and sizes to meet every performance and budget requirement. Many have remarkable cost advantages over previously available similar speakers; in each case, skillful design and advanced manufacturing methods have resulted in more performance... authentic high fidelity by Jensen... at lower cost.

TRIAxIAL AND TRIAX 3-WAY SYSTEMS

The famous Jensen G-610A and new G-600 are genuine 3-way systems, the only speakers with three electrically and acoustically independent L-F, M-F and H-F channels for utmost balance, efficiency, smoothness and range extension to upper hearing limit. M-F and H-F sections both employ compression-driver horn-loaded units for low distortion and wide angle dispersion of highs. Separate dual crossover network. M-F and H-F Balance Controls, fully wired. The ultimate in performance in a unitary speaker.

COAXIAL 2-WAY SYSTEMS

Jensen "H" and "K" Series Coaxials are genuine 2-way with electrically and acoustically independent "woofer" and "tweeter". "M" Series uses direct radiator cone type "tweeters" for a maximum of value at low cost; they have Integral electrical crossovers. KTX-2 Step-Up Kit will later provide compression-driver highs above 2000 cps. "H" Series is designed for ultimate coaxial performance; they employ the expensive through-bore compression-driver "tweeter" for maximum 2-way system performance and low crossover frequency (2000 cps). Full L-C crossover network. KTX-1 Step-Up Kit may be added later for range extension to upper hearing limit.

COAXIAL 3-ELEMENT SYSTEMS

"CX" Series speakers are a combination of a compression driver supertweeter and a 2-element direct-radiator woofer-mid-channel. Electrical crossover is at 4000 cycles. Small diffusion radiator disperses and balances radiation from 2000 to 4000 cps. Three terminals for easy wiring of KTX-3 Step-Up Kit for later conversion to full 3-way system with compression driver mid-channel. A "best buy" for performance intermediate between DUAX and "H" Series coaxials.

DUAX 2-ELEMENT SYSTEMS

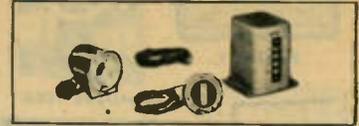
"DX" Series speakers have two carefully coordinated cones driven by a single voice coil. Both operate together up to a "mechanical crossover" at 4000 cps; the small H-F radiator is effective above 4000 cps. May be expanded to 2-way system with compression driver "tweeter" with KTX-2 Step-Up Kit.

UNAX SINGLE ELEMENT LOUDSPEAKERS

A new high in single-cone single voice coil speakers with performance exceeding that of some speakers costing far more. Cone is specially designed so central sector radiates smoothly and efficiently at high frequencies. Viscous edge damping. KTX-2 Step-Up Kit may be added to make 2-way system.

STEP-UP KITS

These new Step-Up Kits give inexpensive, easy-to-add, acoustically correct, increased performance to starter speaker systems. Speaker, network and control packaged with wiring material and simple instructions.



KTX-1 STEP-UP KIT

Supertweeter type. Adds smooth, clean distortion-free highs from 4000 cps to upper limits of audibility to any speaker system. Makes a 3-way system out of any 2-way speaker or system. Consists of RP-302 supertweeter, A-402 network and ST-901 control. Power rating, 35 watts. Impedance, 16 ohms. Shpg. wt., 5 lbs.

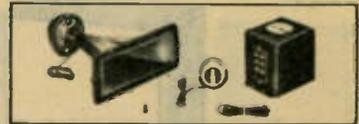
KTX-1—STEP-UP KIT ... Net \$43⁷⁵



KTX-2 STEP-UP KIT

Tweeter type. Gives full compression-driver horn-loaded performance in the 2000-15000 cps range. Converts any single or dual cone or coaxial speaker with direct radiator tweeter to a fine 2-way system. Consists of RP-103 tweeter, A-204 network and ST-901 control. Power rating, 30 watts. Impedance, 8-16 ohms. Shpg. wt., 7 lbs.

KTX-2—STEP-UP KIT ... Net \$32⁵⁰



KTX-3 STEP-UP KIT

Midrange type. Provides distortion-free compression-driver horn-loaded reproduction in the important midrange from 600-4000 cps. Converts coaxial speakers to true 3-way systems. Consists of RP-201 midrange unit, A-61 network and ST-917 control. Power rating, 35 watts. Impedance, 16 ohms. Shpg. wt., 17 lbs.

KTX-3—STEP-UP KIT ... Net \$62⁵⁰

Model No.	Type	Size	Frequency Range	Imped. Ohms	Power Rating	Magnet Weight	"Step-Up" Kit	Shipping Weight	Net Price
G-610A TRIAXIAL	3-way	15"	25-UHLL	16	40 w.	6 1/4 lbs.	46 lbs.	\$252.75
G-600 TRIAX	3-way	15"	30-UHLL	16	35 w.	3 3/4 lbs.	36 1/4 lbs.	128.50
H-520 Coaxial	2-way	15"	30-15,000 cps	16	27 w.	1 1/2 lbs.	KTX-1	16 lbs.	79.50
M-222 Coaxial	2-way	12"	30-15,000 cps	16	25 w.	1 1/2 lbs.	KTX-1	13 lbs.	62.50
K-310A Coaxial	2-way	15"	40-14,000 cps	16	16 w.	3/4 lb.	KTX-2	12 lbs.	39.75
K-210 Coaxial	2-way	12"	45-14,000 cps	8	14 w.	3/4 lb.	KTX-2	7 lbs.	27.50
K-88 Coaxial	2-way	8"	50-14,000 cps	16	12 w.	3/4 lb.	KTX-2	4 lbs.	16.75
CX-255 Coaxial	3-element	15"	30-15,000 cps	16	27 w.	1 1/2 lbs.	KTX-3	13 1/2 lbs.	78.50
CX-150 Coaxial	3-element	15"	30-15,000 cps	16	25 w.	1 lb.	KTX-3	12 1/2 lbs.	68.50
CX-225 Coaxial	3-element	12"	30-15,000 cps	16	22 w.	1 1/2 lbs.	KTX-3	10 1/2 lbs.	59.50
CX-120 Coaxial	3-element	12"	30-15,000 cps	16	20 w.	1 lb.	KTX-3	9 1/2 lbs.	49.50
DX-150 DUAX	2-element	15"	40-13,000 cps	16	22 w.	1 lb.	KTX-2	11 lbs.	35.50
DX-120 DUAX	2-element	12"	40-13,000 cps	16	20 w.	1 lb.	KTX-2	7 1/2 lbs.	25.50
UX-120 UNAX	Single element	12"	40-12,000 cps	8	14 w.	1/2 lb.	KTX-2	5 1/2 lbs.	19.50
UX-80 UNAX	Single element	8"	50-12,000 cps	8	12 w.	1/2 lb.	KTX-2	4 lbs.	14.50

†High energy DP-Alnico-5. ‡Response to Upper Hearing Limit. Note: Low frequency response depends on enclosure.



36 PAGE
JENSEN MANUAL
1060

A guide to kit selection and enclosure construction. Describes Bass-Ultraflex and back-loading Folded-Horn enclosures in complete detail with exploded views and simplified wiring instructions.

JENSEN MANUAL 1060 .. Net .50

NEW 2-WAY SYSTEM COMPONENTS

Ideal for inexpensive 2-way systems. A choice of compression-driver RP-103 or direct radiator P35-VH tweeters is available, either of which may be used with P12-RL (12") or P8-RL (8") woofers for a matched system. For crossover use 2 mmf. capacitor or A-204 network.



P12-RL WOOFER
Power 20 watts, 40-2500 cps. Imp., 16 ohms. Magnet 1/2 lb. DP-Alnico-5. Size: 12 1/2" OD; 6 1/2" D; Cutout 10 1/2" dia. Shpg. Wt., 6 lbs. **\$12⁹⁰**
Net Each



P8-RL WOOFER
Power 20 watts, 50-3000 cps. Imp., 8 ohms. Magnet 1/4 lb. DP-Alnico-5. Size: 8 1/2" OD; 4" D; Cutout 6 3/4" diameter. Shpg. Wt., 3 lbs. **\$8⁷⁵**
Net Each

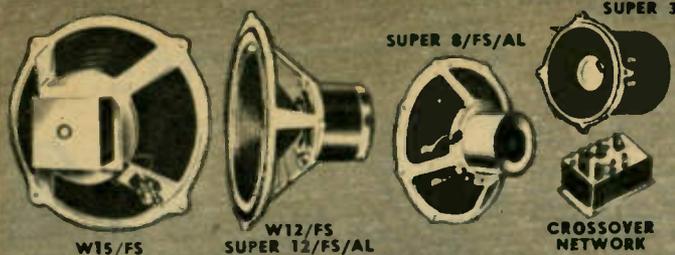


RP-103 TWEETER
Compression horn type. Power 20 watts, 2000-15000 cps. Imped., 16 ohms. Size: 3" H; 7 1/2" W; 6 1/2" D. Cutout 2" by 6". Shpg. Wt., 2 1/2 lbs. **\$16⁵⁰**
Net Each



P35-VH TWEETER
Direct radiator type. Power 15 watts, 2000-14000 cps. Imp. 16 ohms. Size: 3 1/2" H & W; 2 1/2" D. Cutout 3 1/2" dia. Shipping Wt., 1/2 lb. **\$4⁰⁰**
Net Each

HIGH FIDELITY SPEAKERS



WHARFEDALE LOUSPEAKERS

Built under the personal supervision of world-famous loudspeaker authority G. A. Briggs. Feature foam cone-edge suspension for almost complete absence of low frequency distortion, and smooth response.

SUPER 12/FS/AL 12" WIDE RANGE—Finest single speaker in the Wharfedale line. Special cone for smoother response in upper-middle range. Extremely high sensitivity, excellent damping. One of the most powerful magnets in use today—17,000 lines flux density. Voice coil 12-15 ohms; resonance 30-38 cps; power 12 watts; depth 7". Response 30-18,000 cps. Shpg. wt., 19 lbs. **Net 76.93**

WHARFEDALE SUPER 12/FS/AL
SUPER 8/FS/AL 8" WIDE RANGE—Response 50-20,000 cps. Recommended as single speaker in moderately priced systems or in 2-way or 3-way systems with 1000 cps crossover. Impedance 8-10 ohms; Resonance 55-65 cps; flux density 13,000 lines; 4 watts power handling. Shpg. wt., 4 lbs. **Net 22.05**

WHARFEDALE SUPER 8/FS/AL
W15/FS 15" LOW FREQUENCY DRIVER ("WOOFER")—Response 25-3,000 cps. Impedance 12-15 ohms; power ratings 15 watts; resonance 25-30 cps; flux density 13,500 lines; depth 7 1/2". Shpg. wt., 18 lbs. **Net 76.93**

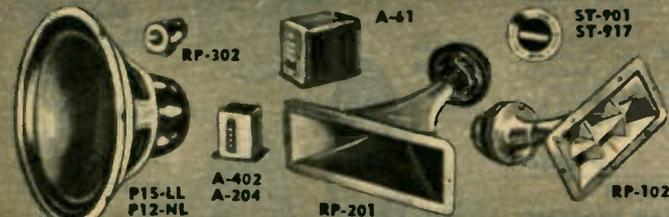
WHARFEDALE W15/FS
W12/FS 12" "WOOFER"—Similar to above. Impedance 12-15 ohms, resonance 30-35 cps; flux density 13,000 lines; power 12 watts; depth 6 1/2". Shpg. wt., 13 1/2 lbs. **Net 43.12**

WHARFEDALE W12/FS
SUPER 3 TREBLE SPEAKER ("TWEETER")—For extending high frequency response. Range 3,000 to 20,000 cps; extremely smooth response, high sensitivity and efficiency. Voice coil impedance 8-15 ohms; flux density 13,000 lines; depth 2 1/4". Shpg. wt., 4 lbs. **Net 22.05**

WHARFEDALE SUPER 3 **Net 22.05**

WHARFEDALE CROSSOVER NETWORKS

Network	Impedance	Attenuation	Net
1000 cps	7-16 ohms	6-9 db/octave	15.19
3000 cps	7-16 ohms	6-9 db/octave	14.21
3-speaker	7-16 ohms	12 db/octave	34.30



Jensen 2- & 3-WAY SYSTEM COMPONENTS

P15-LL LOW FREQUENCY UNIT—Rugged 15-in. "woofers" handles bass region up to 600 cycles (2000 cycles in 2-way system). Edge damping. Resonance, 37 cycles. Power rating, 35 watts. Impedance, 16 ohms. Shpg. wt., 18 lbs. **Net 56.80**

P12-NL LOW FREQUENCY UNIT—12" "woofers" designed for 2-way systems. Handles bass up to 2000 cycle crossover. Impedance, 16 ohms. Power rating, 25 watts. Shpg. wt., 10 lbs. **Net 36.50**

RP-201 HIGH FREQUENCY UNIT—Reproduces the range from 600 to 4000 cycles as the mid-channel in a 3-way system. Driver unit loaded by cast aluminum Hypex horn. Dispersion angle 115°. Impedance 16 ohms. Power rating with A-61 network, 35 watts music signal input to system. Shpg. wt., 9 lbs. **Net 42.60**

RP-102 HIGH FREQUENCY UNIT—"Tweeter" for use in 2-way systems. Reproduces from 2000 cps crossover to extremely high frequencies with smooth response. Impedance, 16 ohms. Power rating, 35 watts when used with A-204 network. Shpg. wt., 6 1/2 lbs. **Net 28.35**

RP-302 ULTRA HIGH FREQUENCY UNIT—Covers the range from 4000 cycles to the highest audible frequencies. Dispersion angle 120°. Impedance, 16 ohms. Power rating with A-402 network, 35 watts music signal input to system. Mounts in 1-11/16" hole in baffle or on bracket furnished with unit. Satin brass finish. Shpg. wt., 3 lbs. **Net 33.60**

A-61 600 CYCLE CROSSOVER NETWORK—Sends frequencies above 600 cycles to A-402 for further division; below 600 cycles to the "woofers". 2-channel, 180° constant-resistance type. 12db/octave. 5 1/4" x 7" x 4 1/4". Shpg. wt., 5 1/4 lbs. **Net 19.75**

A-402 4000 CYCLE CROSSOVER NETWORK—2-channel type; either high-pass above 4000 cycles, or low-pass below this frequency. 180° constant-resistance type. 4 3/4" x 3 1/2" x 3 1/4". Shpg. wt., 3 lbs. **Net 10.90**

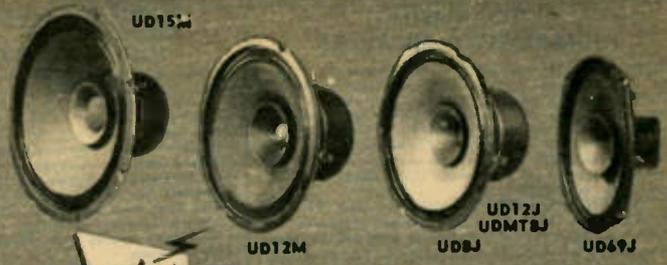
A-204 2000 CYCLE CROSSOVER NETWORK—2-channel type. Either high-pass above 2000 cycles, or low-pass below 2000 cycles. 180° constant-resistance type. 4 3/4" x 3 1/2" x 3 1/4". Shpg. wt., 3 1/4 lbs. **Net 13.00**

H-F BALANCE CONTROL ST-901—16 ohms impedance. **Net 5.00**

M-F BALANCE CONTROL ST-917—For mid-frequency unit. 16 ohms. **Net 5.25**

LEVEL CONTROL ST-880—For controlling overall level. 16 ohms. **Net 5.25**

Z-3422 AUTOTRANSFORMER—For matching any two of 16/8/4 ohm impedances. **Net 5.15**



"UNIDRIVE" HI-FI COAXIALS

The "Unidrive" series of coaxial high fidelity speakers by Utah Radio Products Corp., a long-established leading speaker manufacturer, presents unique design and assembly techniques with resultant outstanding efficiency and response characteristics. All models have: smooth response and minimum distortion over entire audio range; perfectly matched and balanced low and high frequency cones; a single high-efficiency magnetic structure driving both the high and low cones in phase; new "skliver roll" treatment for tremendously increased cone life; binding post terminals; 8 ohm voice coil impedance.

MODEL UD15M 15"—Suitable as wide-range speaker or as "woofer" in 2- or 3-way systems. Response 25-12,000 cps. 14.7 oz. Alnico 5 magnet. 25 watts power handling ability. 1 1/4" diameter voice coil. 8-1/32" deep. Shpg. wt., 9 lbs. **Net 23.23**

UTAH UD15M **Net 23.23**
MODEL UD12M 12"—Excellent for moderately-priced systems as wide-range speaker or woofer. Response 30-14,000 cps. 14.7 oz. magnet. 1 1/4" diameter voice coil. 20 watts power rating. 6 1/8" deep. Shpg. wt., 7 lbs. **Net 20.87**

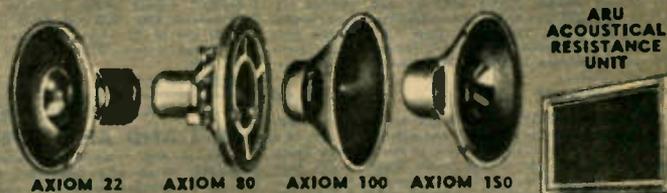
UTAH UD12M **Net 20.87**
MODEL UD12J 12"—Economic wide-range speaker. Response 35-15,000 cps. 12 watts power handling. 6 1/8" deep. 1" diam. voice coil. Shpg. wt., 6 1/2 lbs. **Net 11.73**

UTAH UD12J **Net 11.73**
MODEL UDMTBJ 8"—Superior quality mid-range and high-frequency speaker, suitable for 2- and 3-way systems. Recommended crossover frequency 600 cps. Response 130-20,000 cps. Power handling capability 10 watts (25 watts with 600 cps crossover, 30 watts on peaks). 6.8 oz. Alnico 5 magnet. 1" voice coil diameter. 4 1/4" deep. Shpg. wt., 4 lbs. **Net 11.14**

UTAH UDMTBJ **Net 11.14**
MODEL UDBJ 8"—Economic speaker for wide-range use alone or as mid- and high-frequency speaker in 2- and 3-way systems. 10 watts power rating. 6.8 oz. Alnico 5 magnet. Response 45-15,000 cps. 4-9/16" deep. 1" voice coil diameter. Shpg. wt., 4 lbs. **Net 10.29**

UTAH UDBJ **Net 10.29**
MODEL UD69J 6" x 7"—Especially suited for use as mid-range and high-frequency speaker in 2-way or 3-way systems or as wide range speaker where space is a problem, as in autos and TV or radio sets. 1" diameter voice coil. 6.8 oz. magnet. 8 watts power handling. Response 60-16,000 cps. 4 1/8" deep. Shpg. wt., 4 lbs. **Net 9.38**

UTAH UD69J **Net 9.38**



GOODMANS LOUSPEAKERS & ARU

Goodmans loudspeakers, famous British import, sound better because of design and construction characteristics with resultant higher efficiency, improved transient response, lower distortion and smoother overall performance. They employ unique cone structures and extra-heavy magnet systems.

AXIOM 22 12" TWIN-CONE—Considered one of the finest 12" full-range speakers made. Extra-heavy magnet system. Power rating 40 watts continuous program material. Response 30-15,000 cps. **Net 71.49**

GOODMANS AXIOM 22 **Net 71.49**

AXIOM 150 12" TWIN-CONE—Similar to above but power rating 30 watts. **Net 52.43**

GOODMANS AXIOM 150 **Net 52.43**

AXIOM 100 12" TWIN-CONE—Economic wide-range speaker. Power rating 20 watts; frequency response 40-15,000 cps. **Net 26.46**

GOODMANS AXIOM 100 **Net 26.46**

AXIOM 80 10" TWIN-CONE—Unique. World's only free cone (strut) suspension, with 20 cps free air resonance. Single speaker handles 12 watts continuous program material (use 2 for 25 watts). Response 20-20,000 cps. **Net 67.13**

GOODMANS AXIOM 80 **Net 67.13**

ACOUSTICAL RESISTANCE UNIT (ARU)—A practical and acoustically correct application of the principle of friction loading. It permits the use of an enclosure only 1/2 the size required by a conventional bass reflex. Results in improved performance by providing optimum loading to zero cps, lower distortion, bass response to 20 cps and virtual elimination of all resonant peaks. Replaces "port" of bass reflex. May be installed in new cabinets or used to modify existing cabinets. **Net 11.51**

MODEL 180 ARU—For 1-10" speaker. Cutout required 12" x 7"; recommended enclosure 5900 cu. in. ± 10%. **Net 11.51**

MODEL 280 ARU—For 2-10" or 1-15" speakers. Cutout required 14 1/2" x 10"; recommended enclosure 8300 cu. in. ± 10%. **Net 14.06**

MODEL 172 ARU—For 1-12" speaker. Cutout required 10 1/2" x 10"; recommended enclosure 7800 cu. in. ± 10%. **Net 10.68**

MODEL 172 ARU **Net 10.68**

Lafayette OUTSTANDING HI-FI SPEAKER VALUES

ALTEC-LANSING HIGH-FIDELITY SPEAKERS

MODEL 604C 15"—Outstanding professional-type "Duplex" (coaxial) for high quality music and monitoring systems. Frequency response 30-22,000 cps. Improved 15" cone, exponential multi-cellular tweeter horn coaxially mounted, 1600 cps crossover network (included with speaker), and 5.6 lb. magnet. Power rating 35 watts continuous, 50 watts on peaks. 16 ohm voice coil, 3" in diameter. 40 cps cone resonance. 1 1/2" deep, 15-3/16" diam. Shpg. wt., 40 lbs.

ALTEC-LANSING 604C—Complete.....Net 177.00

MODEL 601A 12"—"Duplex" coaxial. Response 30-22,000 cps. With coaxial exponential multi-cellular horn. Power rating 20 watts, 30 watts peak. 8 ohm voice coil, 3" diam. 35 cps cone resonance. 1.8 lb. magnet. Includes separate 3000 cps crossover network. 1 1/2" diam., 5 3/4" deep. Shpg. wt., 17 lbs.Net 114.00

MODEL 412A 12"—"Biflex" dual-range. Completely new in design concept. Employs multiple concentric compliances and outstanding in efficiency, smoothness, quality of reproduction and response range. Response 40-15,000 cps. Power rating 20 watts. 8 ohm voice coil, 3" diam. 1.8 lb. magnet. 50 cps cone resonance. 5/8" deep. Shpg. wt., 15 lbs.

ALTEC-LANSING 412A.....Net 51.00

JIM LANSING SIGNATURE SPEAKERS AND SYSTEMS

MODEL D-130 15"—Power handling 25 watts. Usable Response 20-17,000 cps. Cone resonance 37 cps. Dural high-frequency center diaphragm. Edge-wound aluminum ribbon voice-coil 4" diameter. 3 lb. Alnico 5 magnet. 16 ohms. Completely enclosed magnet mounted in heavy, rigid, die-cast aluminum frame. O. D. 15-3/16"; depth 5 3/8". Shpg. wt., 23 lbs.

JIM LANSING D-130.....Net 84.00

MODEL D-123 12"—An extended range speaker of radically new design. Extremely shallow and compact so that it can even be mounted between studs in standard 4" walls. 3 3/4" overall depth. Free air cone resonance 35 cps. Usable response 35-15,000 cps. 3" aluminum ribbon edge-wound voice coil. Capacity 20 watts. 16 ohms. Shpg. wt., 12 lbs.

JIM LANSING D-123.....Net 59.40

MODEL D-208 8"—A moderately-priced unit with power input of 12 watts. 15 oz. Alnico 5 magnet, 2" diam. edge-wound aluminum ribbon voice coil, dural center dome vented to eliminate non-linear compression effects. 8 ohms. Response 40-13,000 cps \pm 5 db. Free air cone resonance 55 cps. Diam. 8 1/4". Depth 2 3/4". Shpg. wt., 6 lbs.

JIM LANSING D-208.....Net 27.90

MODEL 075 HIGH-FREQUENCY RADIATOR—New annular ring design. Highly efficient and without resonances from 2500 cps to beyond audibility. Recommended crossover 2500 cps. Voice coil diam 1 3/4". Baffle hole diam. 3-3/16". Overall length 3 1/4". Input 20 watts above 2500 cps. Impedance 16 ohms. Dispersion 90° solid angle. Shpg. wt., 6 lbs.

JIM LANSING 075.....Net 59.40

D-34001 SPEAKER SYSTEM—A true exponential folded-horn cabinet with a large mouth and effective length of 6 feet. A compact enclosure welcome in the average living room. At the low end of the audio spectrum the horn matches the speaker impedance for clean, flat bass reproduction. Above the acoustic crossover point (about 150 cps) the same speaker acts as a direct radiator. With Lansing Model 1750M Kouitcal Lens and Model 130-A 15" woofer, Model 1200 crossover network (with 3-position treble attenuator switch). Capacity 25 watts. Impedance 16 ohms. Size 23 1/2" w x 22 1/2" d x 39 3/4" h. Shpg. wt., 150 lbs.

JIM LANSING D-34001-M—System Complete,

dark mahogany.....Net 390.25

JIM LANSING D-34001-K—As above, Korina

.....Net 390.25

STEPHENS TRU-SONIC HIGH-FIDELITY SPEAKERS

MODEL 206AXA 15" COAXIAL—One of the finest of its kind. The low frequency driver has bass response to 20 cps in proper enclosure. Cone resonance in free air 35 cps. Separate high-frequency driver with 1 1/2" voice coil, handspan dural diaphragm and true exponential multi-cellular horn mounted coaxially for wide-angle dispersion of highs. Built-in crossover at 1200 cps with attenuator control. Heavy die-cast aluminum frame. Response 20-20,000 cps. Magnet 7 1/2 lbs. Impedance 16 ohms. Power handling capacity 25 watts. 10" deep. Shpg. wt., 31 lbs.

STEPHENS 206AXA.....Net 162.50

MODEL 122AX 12" COAXIAL—2" low-frequency voice coil produces lows down to 40 cps. Dural diaphragm with 1" voice coil handles highs to 18,000 cps; double exponential high frequency horn provides wide-angle high frequency dispersion. Built-in 5000 cps dividing network. Power capacity 20 watts. 1 1/2 lbs. magnet. 16 ohms impedance. 5 1/2" deep. Shpg. wt., 13 lbs.

STEPHENS 122AX.....Net 69.00

Janszen ELECTROSTATIC

HIGH-FIDELITY SPEAKER

For mid- and high-frequency range. Employs a group of 4 micro-thin plastic diaphragms, each suspended between 2 parallel plates to which a constant charge is applied. Complete with its own built-in high voltage bias power supply, audio signal step-up transformer, 300 cps crossover network and acoustically-treated cabinet. Available only as a complete, integrated unit.

The electrostatic radiators provide smooth sound, almost completely free of harmonic or intermodulation distortion (lower than most amplifiers). Transient response reaches a hitherto-unknown perfection; record scratch is reduced to new lows; clarity and realism are maintained at all listening levels.

Frequency response 500 cps to beyond 30,000 cps. Power supply 2 watts, 117 volts, 60 cps AC. Maximum program input 50 watts. Impedance 8 or 16 ohms. Recommended for use only with woofers having extremely smooth response below 1000 cps; Dimensions 7 1/2" x 22" x 13". Shpg. wt., 16 lbs.

JANSZEN 1-30B*—Birch.....Net 179.00

JANSZEN 1-30B*—Unfinished, sanded birch.....Net 176.00

JANSZEN 1-30E*—Ebony.....Net 188.00

JANSZEN 1-30M*—Mahogany.....Net 184.00

JANSZEN 1-30M*—Unfinished, sanded Mahogany.....Net 180.00

JANSZEN 1-30W*—Walnut.....Net 188.00

JANSZEN 1-30K*—Korina blonde.....Net 188.00

*Add 8 or 16 to model number to indicate impedance desired.

BOZAK

HIGH FIDELITY SPEAKERS

MODEL B-207A COAXIAL—A single compact unit fitting over standard cutouts for 12" or 15" speakers. 1-bass and 2-treble speakers on a cast-aluminum frame. The acoustical slot between the tweeters disperses widely the upper-middle frequencies from the woofer. Response 40-16,000 cps, extended downward by use in multiples; 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. Shpg. wt., 13 lbs.

BOZAK B-207A.....Net 83.85

B-209 MID-RANGE—For use in 3-way systems and may be used with the Bozak B-207A and N-10102 with crossovers of 6 db per octave at 800 and 2500 cps. Response 200 to 3500 cps. Recommended crossovers 400 or 800 cps and 2500 cps. Impedance 8 ohms. Power rating— for use in 10-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). Shpg. wt., 8 lbs.

BOZAK B-209.....Net 48.00

N-10102 CROSSOVER NETWORK—Not illustrated. Electrically non-resonant 6 db per octave frequency divider; cannot cause transient distortion ("ringing"). Crossovers 400, 800 and 2500 cps at 8 ohms; 800 and 2500 cps at 16 ohms; For use with B-207A and B-209 in 3-way system. 8" w x 8" d x 5 1/2" h. Shpg. wt., 6 1/2 lbs.

BOZAK N-10102.....Net 27.50

ACOUSTIC RESEARCH

AR-1 AND AR-2 SPEAKER SYSTEMS

Based on new "acoustic suspension" principle. Utilizes cabinets filled with Fibreglas, and with specially-constructed speaker-mechanism suspension plus air-tight cabinet in which compression of the air by the speaker causes spring-like return of the speaker cone.

Advantages of this new principle are lowest bass harmonic distortion in the industry, exceptionally uniform extended low frequency response, and small cabinet size for optimum performance. The AR-1 includes an acoustically-suspended 12" low-frequency mechanism and an 8" mid-range and high-frequency unit. AR-1 is a 4-ohm system. Amplifier should be 10 to 20 watts; damping factor 1 for standard use, 4 for corner use. Woofer magnetic circuit is 3.3 lbs. Alnico 5 plus 6 lbs. Waco Iron. System resonance: 43 cps \pm 1 cps. Response 38-1000 cps \pm 1 1/2 db; 1,000-13,000 cps \pm 5 db; down 15 db at 20 cps and 17,000 cps. Harmonic distortion (10 watts input) 25-70 cps; 4 1/2%; 70-1100 cps; 1 1/2% 1100-14,000 cps; less than 1%.

The AR-2 is a lower-priced version of the AR-1 with 10" acoustic-suspension speaker and newly-developed tweeter assembly. Response 42-14,000 cps \pm 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. Requires amplifier delivering 10 or more clean watts over entire audio range. Size: AR-1—25" w x 11 3/4" d x 14" h; AR-2 24" w x 11 3/4" d x 13 1/2" h. Shpg. wt., AR-1: 60 lbs; AR-2: 45 lbs.

ACOUSTIC RESEARCH AR-1—2-way system complete (mahogany or birch).....Net 185.00

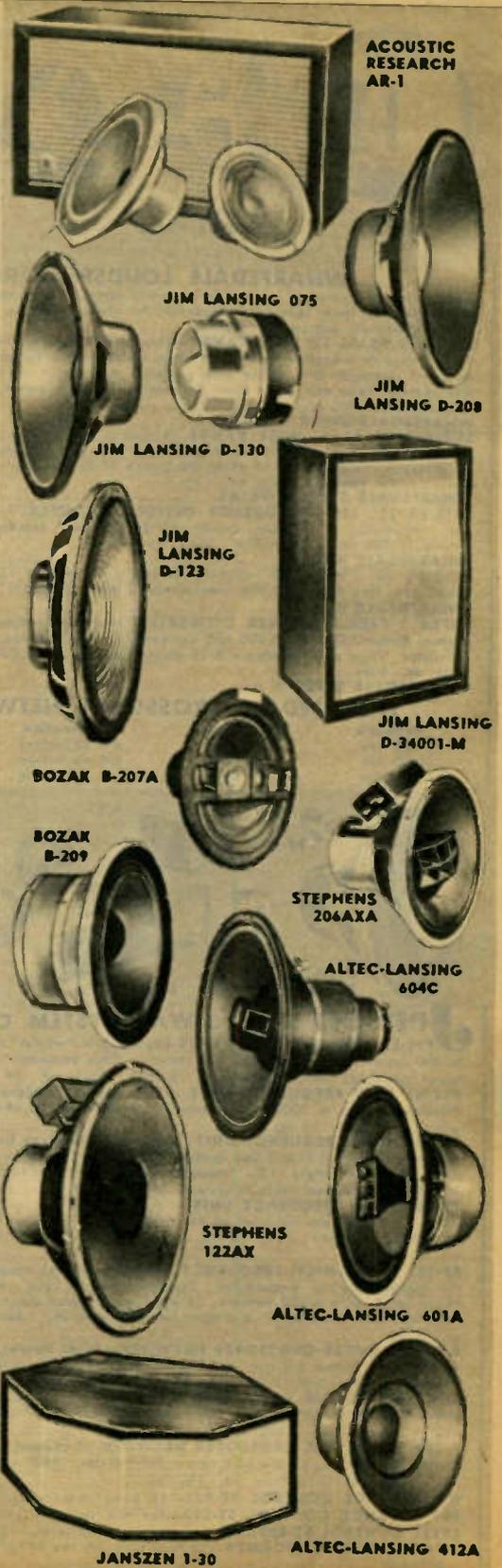
ACOUSTIC RESEARCH AR-1—As above, walnut.....Net 194.00

ACOUSTIC RESEARCH AR-1—As above, korina.....Net 200.00

ACOUSTIC RESEARCH AR-2—2-way system complete (mahogany or birch).....Net 96.00

ACOUSTIC RESEARCH AR-2—As above, walnut.....Net 102.00

ACOUSTIC RESEARCH AR-2—As above, korina.....Net 111.00



ACOUSTIC RESEARCH AR-1

JIM LANSING 075

JIM LANSING D-208

JIM LANSING D-130

JIM LANSING D-123

JIM LANSING D-34001-M

BOZAK B-207A

BOZAK B-209

STEPHENS 206AXA

ALTEC-LANSING 604C

STEPHENS 122AX

ALTEC-LANSING 601A

JANSZEN 1-30

ALTEC-LANSING 412A

Lafayette HI-FI Speakers At Pocket Book Prices

15" COAXIAL HIGH-FIDELITY SPEAKER

30-20,000 CPS—25 WATTS—
21.5 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 1½" voice coil. Extra heavy 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. Shpg. wt., 13 lbs. Cone Resonance 45 cycles

SK-70.....Net 25.50

12" COAXIAL HI-FI SPEAKER

Same magnet weight and characteristics as above except for diameter. Cone Resonance 50 cycles

SK-71—12" Coax.....Net 22.50

5-INCH HIGH-FREQUENCY TWEETER

25 WATTS—WITH BUILT-IN CROSSOVER NETWORK
CROSSOVER FREQUENCY 2000 CYCLES

A fully enclosed high-frequency tweeter with a sensitivity and smoothness which in many cases outperforms the much more costly compression horn types of tweeter. Clean, with extended high frequency response of 600 to 15,000 CPS and crossover frequency of 2500-3500 CPS, this tweeter will handle output of amplifiers up to 25 watts. Will increase the frequency response range and add much to the realistic reproduction of the original performance. Voice coil dia. ¾"; impedance 8 ohms; rugged seamless cone—inherently moisture resistant; 3.16 oz. Alnico V magnet, with built in crossover network. Shpg. wt., 2¼ lbs.

SK-72.....Net 5.25

SK-73—Less crossover network.....Net 4.50

HI-FI COAX SPEAKER WITH DUAL TWEETER

An unusual value in a hi-fi speaker. Rated at 20 audio watts, this speaker has two 3½" high frequency units coaxially mounted in a 12" low frequency woofer giving smoothness and wide dispersion at all frequencies. Has large 14.7 oz. Alnico V magnet. Rugged housing—no resonance from thin metal stampings. Frequency coverage substantially flat from 30 to 19,500 cycles, 8 ohm voice coil. Worth twice the price. Shpg. wt., 10 lbs.

SK-44.....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: 8 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. Shpg. wt., 4 lbs. Cone Resonance 85 cycles

SK-69.....Net 6.25

8" MID-RANGE & WOOFER

A low frequency bass reproducer, free from distortion and capable of clean reproduction down to 40 cycles. Ideal for use with tweeters and crossover networks to make up a 2-way or 3-way system. Can also be used with additional speakers as a multi-speaker woofer. Perfect, too, as mid-range unit in low cost 3-way systems. Crossover at 350 CPS; frequency response 350-13,500 cycles; suitable for crossover to 5000 cycles. Impedance 8 ohms. Cone Resonance 150 cycles

Shpg. wt., 4 lbs.
SK-74.....Net 6.50

12" COAXIAL SPEAKER

EXTENDED RANGE DUAL SPEAKER SYSTEM! FOR FM OR AM RADIO, TELEVISION, SOUND AND WIDE RANGE RECORD PHONOGRAPHS. QUICK, EASY, MODERNIZING REPLACEMENT OF OLD STYLE SINGLE RANGE SPEAKERS.

12-inch Alnico V PM with 1 inch voice coil and heavy one piece cone. Specially designed 3-inch Alnico V PM tweeter completes this combination speaker, range 40 to 15,000 CPS. Built-in high pass filter. Installs same as regular PM speaker only two wires to connect. Impedance 8 ohm. Wt. 8 lbs.
SK-22.....Net 9.95

8" COAXIAL SPEAKER

The perfect answer to High Fidelity audio reproduction in limited space. Alnico V magnets in both woofer and tweeter. Built-in hi-pass filter. 8 ohm coil. Wt. 6 lbs.

SK-24.....Net 8.45

15" ECONOMY COAXIAL

A tone coaxial speaker with a 5" tweeter coaxially mounted within the 15" speaker. Frequency response 45-12,000 cycles. Handles 20 watts of power. Has built-in 1800 cycle crossover. High efficiency Alnico 5 magnets. Cadmium plated corrosion resistant frame. Shpg. wt., 11 lbs.

SK-89.....Net 14.75

15" HI-FI LOW FREQUENCY WOOFER

• 31.5 OZ. 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 ± 2 db 20 CPS to 1000 CPS, and ± 5 db from 20 CPS to 500 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. Shpg. wt., 13¼ lbs. Cone Resonance 45 cycles

SK-67.....Net 23.95

12" HI-FI LOW FREQUENCY WOOFER

21.5 OZ. ALNICO V MAGNET—25 WATT

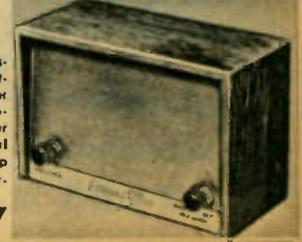
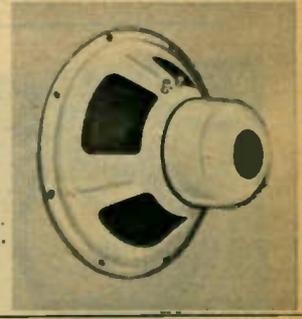
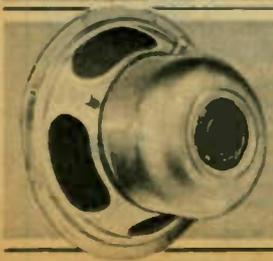
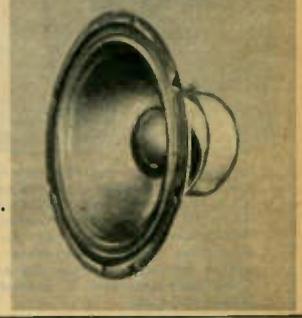
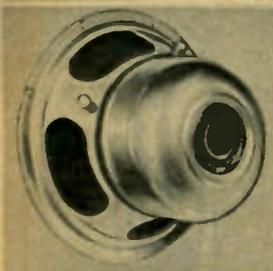
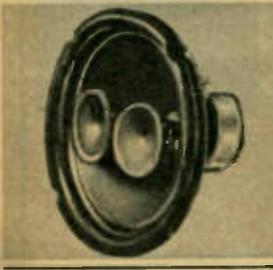
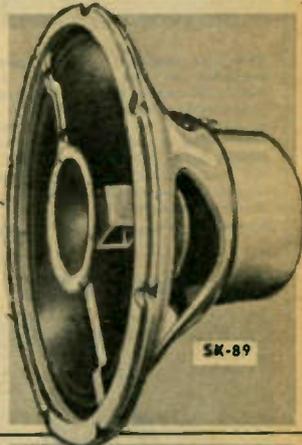
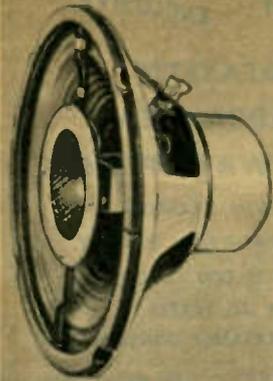
Provides efficient, extended low-frequency response of ± 5 db from 35 to 8000 CPS, and features 25 watts of power handling capacity. Perfect for high-fidelity installations or for modernization of older equipment. Ideal for assembling 2- and 3-way speaker systems at a budget price. Enclosed magnet structure—completely dust-proof. Compliance of outer cone and inner spider carefully calculated for best bass response. 21.5 oz. Alnico V magnet, 1½" dia. voice coil, 8 ohm impedance. All exposed surfaces are finished in beautiful brown enamel. Shpg. wt., 8 lbs. Cone Resonance 50 cycles

SK-68.....Net 16.50

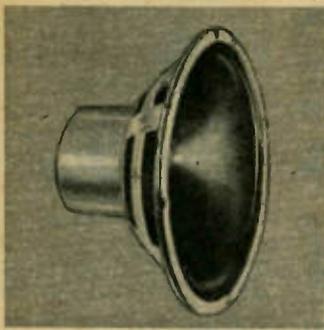
TV EXTENSION SPEAKER

Full range 4" x 6" 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 6.97



SPECIAL VALUES in HI-FI SPEAKERS



12" PM SPEAKER

**"BEST BUY"
FOR HIGH FIDELITY
MUSIC AND PUBLIC
ADDRESS USE**

- 9 oz. Alnico V Magnet
- 25 watts Power Rating

Lafayette Special \$9.75
Net

Here's an excellent fidelity, powerful 12" PM speaker that is by far the best buy available for any comparable speaker with the same performance capabilities. Highly recommended for replacement use or original installation in top quality radio-phonograph installations. Ideal for PA use. Handles 25 watts of power without distortion or significant loss of bass or treble frequencies. Uniform response assured over the range from 50 to 10,000 cps. Alnico V magnet alone weighs 9 ounces. Precision formed aluminum base voice coil. Voice coil impedance, 8 ohms. Perfectly aligned coil and molded cone construction. Precision engineering of parts built into this speaker for years of trouble-free service. This is one of the outstanding values we have ever offered. Shpg. wt. 8 lbs.

P19299—25 Watt, 12" PM Speaker

9.75



Quantity Limited

NEW! EXCLUSIVE

LAFAYETTE QUADRILINEAR

12" 4 WAY SPEAKER

- TWIN TWEETERS
- PROPAGATION ELEMENT
- 30-20,000 CYCLES
- 20 WATTS
- BRILLIANCE CONTROL

Special 29.50

A unique Lafayette development combination in a single frame, a 12" speaker covering the low and middle ranges, a propagator to reinforce and disperse the upper middle range, and 2 2½" tweeters for the high frequencies. A brilliance control, which may be remotely mounted, permits adjustment of upper tone values to room acoustics. Has built in mechanical and electrical crossovers. Frequency response 30-20,000 cycles, 14.7 oz. Alnico V magnet. Handles 20 watts. 8 ohm voice coil. Binding post terminals. Finished in fine brown hammertone. Size. 12-3/16" diam. x 7" deep. Shpg. wt., 10½ lbs.

SK-88

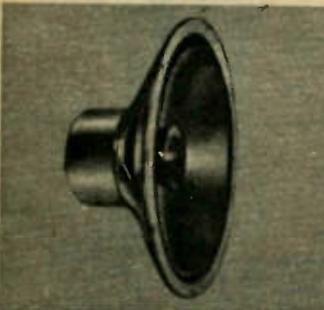
Net 29.50

IMPORTED FROM DENMARK

ROYAL DANISH 12" DUAL CONE SPEAKER

Net
7.95

- HIGH FIDELITY MODEL
- RANGE: 45-14,000 cps.
- HIGH FLUX DENSITY



Lafayette brings you this fine imported high fidelity speaker at a fraction of the price you would expect to pay for so much quality. 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, 5-3/16". Completely enclosed, 1" diameter voice coil with an impedance of 6 ohms. Shpg. wt., 6 lbs.

SK-86. 12" Dual Cone Hi-Fi Speaker

Net 7.95

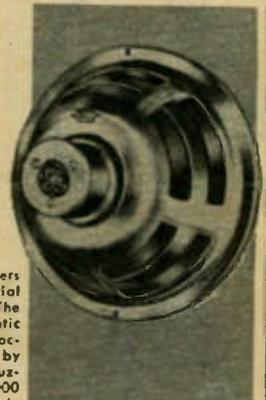
12" GE HI-FI PM SPEAKER

- HANDLES 25 WATTS
- 14.5 OZ. ALNICO V MAGNET
- 50-15,000 CPS FREQUENCY RESPONSE
- ALUMINUM VOICE COIL

This GE deluxe speaker was designed by audio engineers to meet the high standards of performance so essential to high-fidelity and for dependability and durability. The 14.5 oz. Alnico V magnet produces a dense magnetic field with resultant optimum sensitivity and damping factor. The aluminum base voice coil is unaffected by moisture and temperature variations and eliminates buzzing. Exceptionally wide frequency range — 50 to 15,000 cycles which may be extended to 30 cycles in properly designed enclosures. Free air resonance 65 CPS. The voice coil has a 1¼" diameter and 8 ohms impedance. This speaker, which scientific listening tests indicate can outperform speakers costing several times as much, is ideal for moderate-cost hi-fi custom installations. Shpg. wt., 7 lbs.

SK-60

Net 14.95



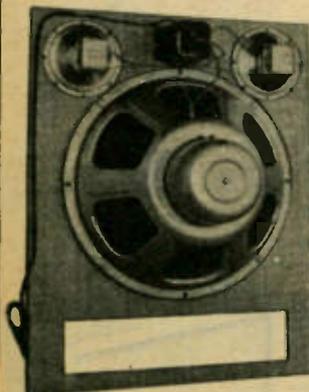
14.95
Net

LAFAYETTE 2-WAY SPEAKER SYSTEM

- WITH JENSEN 15" WOOFER
- 2-5" TWEETERS
- CROSSOVER NETWORK
- ¾" 7-PLY PRE-CUT BAFFLE-BOARD

Mount this outstanding 2-way speaker system in a horn-loaded corner enclosure or in a bass reflex cabinet and enjoy full range musical reproduction, at an unusually low cost. System includes a Jensen 15" woofer; 2-5" tweeters; and the Lafayette LN-1 2000-cycle L/C crossover network. Baffle-board supplied is 19" x 24", of heavy ¾" plywood, finished in brown stain. System frequency response 35 to 15,000 cps. 20 watts power handling capability. 8 ohms impedance. Shipped knocked-down, complete with all necessary instructions for easy assembly, plus mounting hardware and wire. Shpg. wt., 20 lbs.

• SY-9 Speaker System Net 24.95



2-WAY SYSTEM

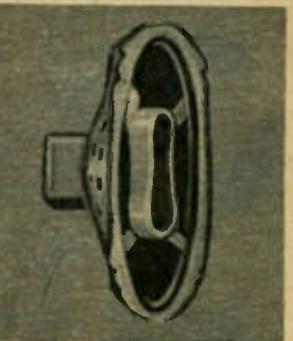
\$24.95

6 x 9 "Twin-Tweeter" COAXIAL HI-FI SPEAKER

- SPACE SAVER CONSTRUCTION
- EXCELLENT BASS RESPONSE
- BUILT-IN CROSSOVER
- ADD HI-FI TO AUTOS, TV, RADIO SETS

This 6" x 9" hi-fi coaxial speaker opens new possibilities for high-fidelity reproduction. Compact enough for your car, for radio and television sets — and for the high-fidelity enthusiast with a space problem. Twin high-frequency tweeters are designed to cross over mechanically at 5000 cps. The excellent bass characteristics of the 6 x 9 woofer faithfully reproduce the low frequencies. High-energy Alnico V magnet; voice coil ¾" diam. Power handling capacity 4 watts (7 watts on peaks). 4" deep. Impedance 3.2 ohms. Shpg. wt., 2½ lbs.

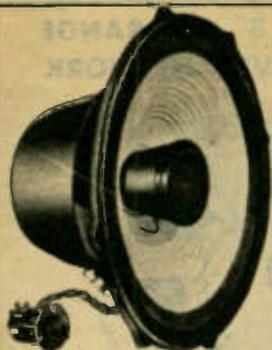
SK-75 — 6" x 9" hi-fi speaker



7.95
Net

Net 7.95

Lafayette HIGH-FIDELITY COMPONENTS



LAFAYETTE
EXCLUSIVE

Reg. Value
44.50
Net
29.50

12" HIGH FIDELITY COAXIAL SPEAKER

- FREQUENCY RANGE 30-15000 CPS
- HANDLES 20 WATTS OF POWER
- COMPLETE WITH LEVEL CONTROL
- POWERFUL TSK-5 MAGNETS
- SPECIAL SHEEP-SKIN-EDGED CONE

This Lafayette exclusive import is a highly efficient 12" coaxial speaker and represents an exceptional high fidelity value. The low frequency woofer has a 12" special chemically processed fibre composition cone with logarithmically placed pleats. The low resonant cone achieves a floating edge by means of a free edge of sheepskin which suppresses unwanted circular and radial nodal vibrations and insures clear beautiful tone quality. A 2 1/2" tweeter is coaxially mounted within its own metal case and protective grille with front mounted diffuser. The construction is such that there is no back radiation whatsoever. A crossover network to provide proper separation of high and low frequencies, and having a crossover point of 3000 cps, is also built-in. Highly efficient TSK-5 magnets permit a compact system, delivering full-bodied brilliant tone. A high frequency level control provides variation of up to 6 db cut. Power handling capacity is 20 watts continuous and 35 watts peak. Voice coil impedance 8 ohms, resonant frequency 40 cps. Connections are made to screw cap terminals. Rugged all-metal frame. If made in this country this speaker would sell for at least \$49.50. Shpg. wt. 11 lbs.

SK-58

Net 29.50

HIGH FREQUENCY TWEETER WITH ACOUSTIC LENS



NEW

14.95

Enjoy the brilliant performance of a two or three-way system by adding this tweeter to your present system. Special diaphragm gives distortion-free wide range reproduction from 2000 cps to beyond audibility. Handles up to 25 watts of power. The highly directional characteristics of high frequencies is overcome by the wide dispersion angle of the short horn and the acoustic lens. This combination disperses and radiates the high frequency notes throughout the entire listening area. The lens is detachable and can be mounted on the outside of a panel or cabinet. Separate base is provided for external mounting. Tweeter size, 4 1/2" L., 3" diameter. Base, 1 1/2" H. Acoustic lens extends 2 1/2" in front of and 1 1/2" above top of tweeter. Aluminum voice coil, 16 ohms impedance. Crossover network required, preferably one with level control, such as Lafayette LN-2. Instructions included. Shpg. wt., 5 lbs.

Imported to Save You Money!

HW-7-Tweeter with Acoustic Lens Net 14.95



CONE TYPE METAL-CASED HI-FI TWEETER

- FREQUENCY RESPONSE
2000-16,000 CPS.
- HANDLES 20 WATTS
- IMPORTED TO SAVE YOU MONEY

Without doubt one of the finest cone type high frequency tweeters we have ever tested, and it exceeded in performance only by diaphragm type tweeters. It is particularly efficient in the higher end of the audio spectrum where ordinary cone tweeters tend to lose clarity and volume. With this tweeter added to your present system, you will be able to hear all the fine transients and high notes of the upper register as they were actually recorded. Entirely enclosed in metal case with base for standing by itself, or mounting on a flat surface. Bracket is supplied for mounting on panel or in cabinet. Requires crossover network such as Lafayette LN-2. Diameter, 3". Depth, 2 1/4". Voice coil impedance 8-16 ohms.

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



LN-2

8.75

NEW

LN-3



14.95

LAFAYETTE 2 AND 3-WAY CROSSOVER NETWORKS

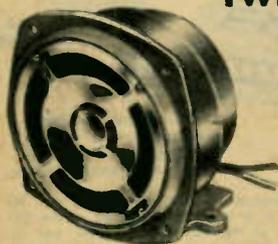
TWO-WAY CROSSOVER—Capacitive-inductive network with 2000 cps crossover, and built-in continuously variable level-brilliance control that permits adjustments to match room acoustics perfectly. Channels all frequencies above 2000 cycles into the high frequency tweeter of a multi-speaker high fidelity system. The control is an 2 1/2 ft. long cable to permit mounting on a panel removed from the network. Matches speakers with 8-16 ohm voice coil. Careful design has reduced insertion loss to a minimum. Enclosed metal case 6" L., 2 3/4" H., 2 3/8" D. Easily accessible screw terminals for input and speakers. With instructions. Shpg. wt., 5 lbs.

LN-2—2-Way Crossover Network with Controls.....Net 8.75

THREE-WAY CROSSOVER—A carefully designed and engineered 3-way crossover network with continuously variable "brilliance" and "presence" controls. Separates audio frequencies and feeds them to low frequency woofer, mid-range speaker and high frequency tweeter. Crossover is at 350 and 5000 cps. The network is a true inductance-capacitance unit. Two built-in controls are wired on 2 ft. extension cables for remote mounting. Insertion loss has been reduced to a minimum. Crossover is enclosed in heavy metal case 8" L., 3 1/4" H., 2 3/4" W. Easily accessible screw terminals for input and speakers. With instructions. Shpg. wt., 7 lbs.

LN-3—3-Way Crossover Network with Controls.....Net 14.95

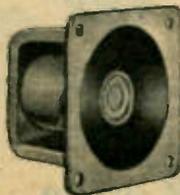
NEW LAFAYETTE SUPER TWEETER



5.95

Moving coil tweeter with crossover at 4000 cycles. Reproduces an unusually wide range of frequencies from 4,000 to 16,000 cycles with smooth response, excellent balance and low distortion. Exclusive acoustic lens for efficient wide angle high frequency dispersion. Entirely enclosed in a metal case with a base bracket for either standing by itself, for mounting on a flat surface, or can be mounted vertically in a baffle cut out. Capacity 20 watts of program material when used in a multiple speaker system. Impedance 16 ohms. Baffle hole diameter 2 3/4". Handsome case and brass finished metal lens. Supplied with long leads. Shpg. wt., 3 lbs.

SK-87 Super Tweeter.....Net 5.95



NEW LAFAYETTE "POINT SOURCE" TWEETER

Lafayette's latest Danish import features extremely low distortion and flat response of 3000 to 16,000 cps \pm 2.5 db. Acts as point source of high frequency sound for maximum wide-angle dispersion without use of horns—excellent as tweeter or super-tweeter in multiple-speaker installations of the highest quality. For use in 10 watt systems with 12 db/octave crossover network at 3000 cps or higher. Use 2 or more of these units for higher powered systems. Size 2" x 2" x 1 1/2" deep. 8 ohm voice coil. Shpg. wt., 1 lb.

SK-91.....Net 3.75



NEW 2-WAY CROSSOVER NETWORK

A constant impedance L-C network with 4000 cps crossover. Designed to be particularly effective when used in conjunction with the super tweeter SK-87 or wherever a crossover at 4000 cycles is desired.

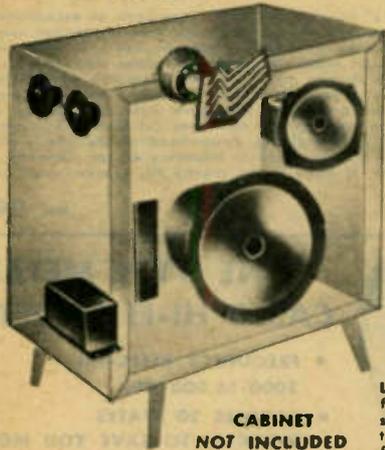
Impedance 16 ohms, attenuation 6db/octave. Easily accessible screw terminals for input and speakers. Enclosed metal case, 2 1/2" diameter and 2 3/8" high. Bracket provided for mounting. Shpg. wt., 2 lbs.

LN-4 Crossover Network.....Net 4.50

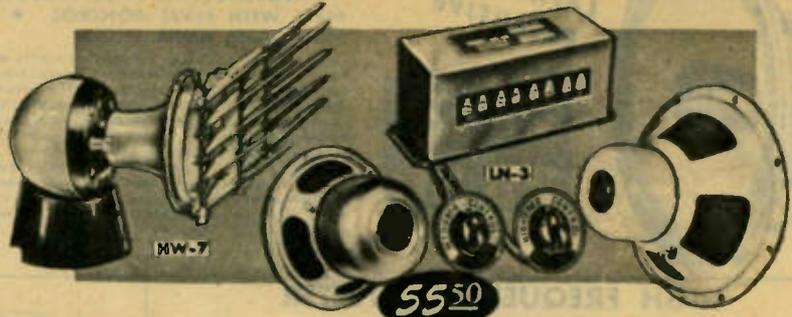
Lafayette CUSTOM DESIGNED

3 WAY SYSTEM WITH 15" WOOFER ... 8" MID-RANGE SPEAKER ... HORN TWEETER ... CROSSOVER NETWORK

PHANTOM VIEW SHOWS HOW SYSTEMS MOUNT IN CABINET



CABINET NOT INCLUDED



- 15-INCH WOOFER WITH 31.5 OZ. MAGNET (SK-67)
- 8-INCH MID-RANGE SPEAKER (SK-74)
- NEW HIGH-FREQUENCY ACOUSTICAL LENS TWEETER (HW-7)
- 3-WAY CROSSOVER NETWORK (LN-3)

Lafayette presents this outstanding 3-way speaker system designed for the high fidelity enthusiast who desires performance formerly possible in multi-speaker systems costing many times this price. You won't believe your ears when you hear the superb reproduction throughout the entire audio spectrum. The SK-67 15" woofer provides phenomenal bass response, the SK-74 8" speaker delivers full bodied, mid-range frequencies, and the HW-7 high frequency acoustical lens tweeter faithfully reproduces the highest audible frequencies. Crossover points at 350 and 5000 cycles are provided by the LN-3 3-way inductance-capacitance network with continuously variable presence and brilliance controls that adjust tone balance to personal taste. Shpg. wt., 25 lbs.

SY-93. Complete System as listed above.

Net 55.50

True HI-FI Reproduction at a Budget Price!

3-WAY SYSTEM INCLUDES

- 12-INCH WOOFER WITH 21.5 OZ. MAGNET (SK-68)
- 8-INCH MID-RANGE SPEAKER (SK-74)
- METAL-CASED CONE TYPE HI-FI TWEETER (HK-3)
- 3-WAY CROSSOVER NETWORK WITH CONTINUOUSLY VARIABLE PRESENCE & BRILLIANCE CONTROLS (LN-3)

Here is another 3-way speaker system designed to save you money and make your next hi-fi project quick and easy. Truly a triumph in the field of acoustics. This combination created intense interest with budget-minded music lovers at various trade and consumer shows because of its unusual performance capabilities. Each component is specifically designed to reproduce its own range with optimum fidelity. The system consists of the SK-68 12" Woofer which gives exceptionally clean mellow bass frequencies from 35 to 350 cycles, the 8" Driver which reproduces the mid-range frequencies from 350 to 5000 cycles clearly and true-to-life, and the new metal-cased HK-3 High Frequency Tweeter which provides brilliant treble response in the 5000 to 16,000 cycle region. The LN-3 Crossover Network, crossing over at 350 and 5000 CPS, completes this ultra modern system. Has "Brilliance" and "Presence" controls. Shpg. wt., 22 lbs.

SY-92—Complete system as listed above.

Net 38.50

2-WAY SPEAKER SYSTEM 25 WATTS 50-16,000 CYCLES

LN-2 CROSSOVER



GE 12" Woofer

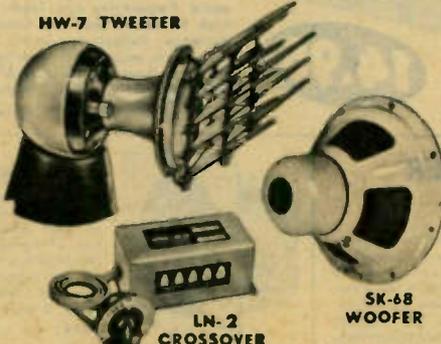
HK-3 TWEETER

Here's real economy in a complete 2-way high fidelity speaker system designed for the buyer with a small budget. The system consists of a GE 12" woofer with a frequency response of 50 to 12,000 cycles, and 1 1/2" aluminum voice coil capable of handling 25 watts of program material. Metal-cased, HK-3 cone type high frequency tweeter extends range of system to 16,000 cycles. LN-2 capacitance-inductance crossover network has continuously variable level-brilliance control to compensate for varying room acoustics. Woofer has 9 oz. Alnico V magnet. Shpg. wt., 15 lbs.

SY-85. Complete 2-way Speaker System...Net 23.50

DELUXE 2-WAY SYSTEM 35 CPS TO BEYOND AUDIBILITY

HW-7 TWEETER



SK-68 WOOFER

LN-2 CROSSOVER

A modest budget no longer has to limit the quality and calibre of your high fidelity aspirations. This is a truly deluxe speaker system which gives you a frequency range that extends from 35 cps to beyond audibility. It includes the SK-68 12" woofer with a heavy, 21.5 oz. Alnico V magnet and 1 1/2" voice coil rated at 25 watts, HW-7 diaphragm type high frequency tweeter complete with sound dispersing, louvered acoustic lens, and LN-2 capacitance-inductance crossover network with level-brilliance control. The entire assembly gives you a wide range 2-way speaker system at a remarkably low price. Shpg. wt., 22 lbs.

SY-86. Complete 2-way Speaker System...Net 36.50

2-WAY SPEAKER SYSTEM 40-16,000 CYCLES

HK-3 TWEETER



SK-68 WOOFER

LN-2 CROSSOVER

- 25 WATT WOOFER
- IMPORTED HI-FI TWEETER
- CROSSOVER NETWORK
- LEVEL-BRILLIANCE CONTROL

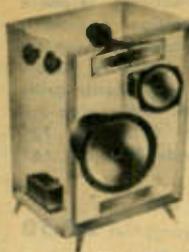
This 2-way speaker system is another excellent buy for the moderate purse. It is basically the same as the SY-85 system described at the top of the page, but incorporates the deluxe SK-68 speaker with 21.5 oz. Alnico V magnet. This results in more efficient reproduction and extension at the lower register. Complete system includes the SK-68 12" 25 watt woofer, HK-3 cone type tweeter and LN-2 crossover network with level-brilliance control. Range of system 35-16,000 cycles. Shpg. wt., 18 lbs.

SY-87. Complete System...Net 27.50

2 WAY & 3 WAY SPEAKER SYSTEMS

LAFAYETTE 3-WAY SYSTEM

with 15" WOOFER . . . 8" MID-RANGE SPEAKER
. . . HORN TWEETER . . . CROSSOVER NETWORK



PHANTOM VIEW SHOWS
HOW SYSTEMS MOUNT
IN CABINET

**SPEAKER
SYSTEM**
only **42.50**

CABINET
NOT INCLUDED



JENSEN
15-INCH
WOOFER



JENSEN
8-INCH
MID-RANGE



LAFAYETTE
LN-3
CROSSOVER



JENSEN
TWEETER

This new multi-speaker system provides true high fidelity reproduction of the lowest price ever. Included in the 3 way system are a Jensen 15" woofer, Jensen 8" mid-range speaker, Jensen compression driver horn tweeter and Lafayette LN-3 capacitance-inductance crossover network. Crossover is at 350 and 5000 cycles, and unit is supplied with two, built-in, continuously variable "presence" and "brilliance" controls wired on 2-ft. extension cables. Outstanding bass and mid-range response, plus brilliant reproduction of the highest audible frequencies result in superb performance from this 3-way system throughout the entire audio spectrum. Power handling capacity in bass reflex enclosure, 25 watts. Impedance 16 ohms. Shpg. wt., 19 lbs.

Completely assembled bass reflex cabinets constructed of 3/4" hardwood, ready for finishing. Dimensions of highboy, less legs: 29" H, 23 1/2" W, 16" D. Lowboy same size with H and W dimensions interchanged. Legs are 5" H. Shpg. wt., 42 lbs.

CAB-23—Highboy Cabinet

Only Net **39.50**

CAB-24—Lowboy Cabinet

Only Net **39.50**

LAFAYETTE 2-WAY SYSTEM with 15" WOOFER . . . HORN TWEETER . . . CROSSOVER NETWORK



LAFAYETTE
L-C CROSSOVER



JENSEN
15" WOOFER

A Superb HI-FI Buy!
Only **27.50**

Another new Lafayette 2-way speaker system that provides full frequency response at a low budget price. The system includes a Jensen 15" woofer, Jensen compression driver horn tweeter, and Lafayette inductance-capacitance (L-C) 2000-cycle crossover network. In a bass reflex enclosure, power handling capacity is 20 watts. Enjoy rich extended bass response and brilliant, high-frequency reproduction of the finest high fidelity recordings. Impedance 16 ohms. Shpg. wt., 12 lbs.

SY-96—Speaker System Net **27.50**

Completely assembled bass reflex cabinet (23 1/2" W, 33 1/2" H, 12 1/2" D), constructed of 3/4" hardwood, ready for finishing. Shpg. wt., 30 lbs.

CAB-23 or CAB-24—Cabinet only Net **39.50**

LAFAYETTE 2-WAY SYSTEM WITH 12" WOOFER . . . HORN TWEETER . . . CROSSOVER NETWORK



CABINET
NOT INCLUDED



JENSEN
TWEETER



JENSEN
12-INCH WOOFER



LAFAYETTE
L-C CROSSOVER

PHANTOM VIEW SHOWS
HOW SYSTEMS MOUNT
IN CABINET

Mount this 2-way speaker system in a bass reflex enclosure described on the opposite page and enjoy full range reproduction of your favorite recordings and radio program material. Power handling capacity 20 watts. System includes Jensen compression driver horn tweeter, Jensen 12" woofer and Lafayette inductance-capacitance (L-C) 2000-cycle crossover network. Impedance 16 ohms. Shpg. wt., 11 lbs.

SY-95—Speaker System Net **23.95**

Completely assembled bass reflex Cabinet (23 1/2" W, 33 1/2" H, 12 1/2" D). Constructed of 3/4" hardwood, ready for finishing. Shpg. wt., 30 lbs.

CAB-23—Cabinet only Net **39.50**

2 WAY SYSTEM WITH 8" WOOFER HORN TWEETER . . . CROSSOVER NETWORK



JENSEN
TWEETER



JENSEN
8-INCH
WOOFER



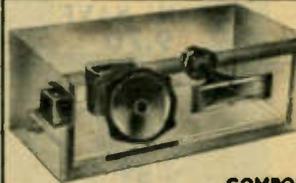
LAFAYETTE
L-C CROSSOVER

only
19.95

Here is a speaker system that solves space and cost problems for the audiophile who wants a compact unit at a low price without sacrificing wide range frequency response. System includes a special Jensen 8" woofer speaker, compression driver horn tweeter, and Lafayette inductance-capacitance (L-C) 2000-cycle crossover network. Power handling capacity 20 watts in bass reflex enclosure. Impedance 16 ohms. Shpg. wt., 8 lbs.

SY-94—Speaker System Net **19.95**

SPEAKER SYSTEM WITH CABINET



PHANTOM VIEW
SHOWS HOW
SYSTEM
MOUNTS
IN CABINET

AS LOW AS
37.50

COMPONENTS UNMOUNTED

Completely assembled bass reflex cabinet (23 1/2" W., 11" H., 10 1/4" D.) and SY-94 speaker system described above, at a special low price. Cabinet is constructed of 3/4" hardwood, available finished or unfinished, and smoothly sanded for custom finishing. Total shpg. wt., 30 lbs.

SY-133. SY-94 and SB-51. Unfinished Net **37.50**

SY-134. SY-94 and SB-52. Mahogany Net **40.50**

SY-135. SY-94 and SB-53. Blonde Net **40.50**

CABINET ONLY

SB-51. Unfinished. Shpg. wt., 22 lbs. Net **19.50**

SB-52. Same except Mahogany finish Net **22.50**

SB-53. Same except Blonde finish Net **22.50**

5" TWEETER AND CROSSOVER NETWORK



5" Tweeter



Crossover
Network

A specially designed 5" Tweeter and Crossover Network that will assure high frequency response when used with any speaker you now possess. You can now make your present speaker into a 2-way speaker system increasing the high frequency range up to 15,000 cycles. Diagram Included. Shpg. Wt. 5 lbs.

STOCK NO. SY-14 Net **7.25**

STOCK NO. MS-71 Crossover Network

only Net **4.95**

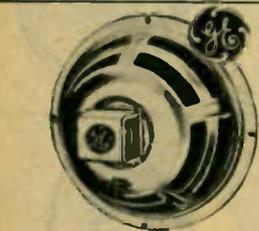
STOCK NO. SK-35 5" Tweeter only. Net **2.45**

2-WAY SPEAKER SYSTEM

- G.E. 12" PM—25 Watt—9 oz. magnet 'Woofer'
- 5" Tweeter and Crossover Network

Ideal for custom installations, where a 2-way speaker system is desired to obtain a high degree of audio fidelity at a price that will fit your pocketbook. You can now replace your old speaker in your present phonograph with a 2-way speaker system that will give you clean, distinct bass response provided by the Famous G.E., heavy duty 12" PM 'woofer' with exceptionally large Alnico V magnet (9 oz.), and increase the high frequency range with the 5" Tweeter and Crossover Network, making this assembly a complete 2-way music system which will recreate a tone balance that will astound you. Will outperform any speaker arrangement costing 2 or 3 times Lafayette's Price. Wiring Diagram included. Shpg. wt., 13 lbs.

STOCK NO. SY-12 Net **17.50**



GE 12" Woofer

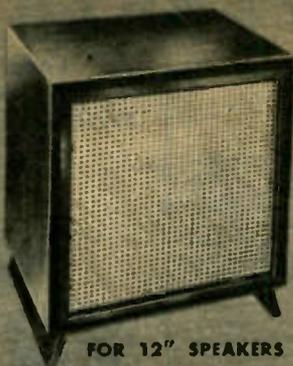


5" Tweeter



Crossover
Network

**NEW
RESONATOR
SPEAKER
ENCLOSURE**



FOR 12" SPEAKERS

(NOTE: SPEAKERS ARE NOT MOUNTED)

**A
Real
Space
& Money
Saver!**

THE CABINET—New, lowboy console bass reflex cabinet for 12" high fidelity speakers shown on this page. Completely assembled and finished unit constructed of 3/4" stock of the finest genuine mahogany and walnut veneers. Solidly built and acoustically designed to provide wide range frequency response without reverberation or vibration. Cabinet is lined with acoustic material to prevent cabinet resonance. Front panel has attractive picture frame molding and fine quality plastic grille cloth that matches the finish. Baffle area approximately 4.3 cubic feet. Cutout for 12" speaker. Dimensions: 20" wide, 23" high, 16" deep. Shpg. wt., 38 lbs./

CAB-16—Finished Cabinet only
(Specify Walnut or Mahogany) Net **29.50**
CAB-17—Same as above in Blonde
finishNet **31.50**

**LAFAYETTE SPECIAL HI-FI SPEAKER ENCLOSURE
& SPEAKER COMBINATIONS AT TREMENDOUS SAVINGS!**

**ELECTRO-VOICE 12TRXB &
LAFAYETTE
RESONATOR ENCLOSURE**

E-V Model 12TRXB Speaker Only
Shpg. wt., 14 lbs.Net **64.68**

SY-105 Special Combination Price
(Mahogany or Walnut) Specify
whichNet **75.70**

SY-106 In Blonde, Combination
Price Speaker & Cabinet.....Net **77.70**
Total Shpg. wt., 52 lbs.



**YOU SAVE
18.48**

**LAFAYETTE SK-58 &
LAFAYETTE
RESONATOR ENCLOSURE**

LAFAYETTE SK-58 Speaker Only
Shpg. wt., 11 lbs.Net **29.50**

SY-109 Special Combination Price
(Mahogany or Walnut) Specify
whichNet **54.45**

SY-110 In Blonde, Combination
Price Speaker & Cabinet.....Net **56.45**
Total Shpg. wt., 49 lbs.



**ELECTRO-VOICE SP12B &
LAFAYETTE
RESONATOR ENCLOSURE**

E-V Model SP12B Speaker Only
Shpg. wt., 12 lbs.Net **34.30**

SY-107 Special Combination Price
(Mahogany or Walnut) Specify
whichNet **54.10**

SY-108 In Blonde, Combination
Price Speaker & Cabinet.....Net **56.10**
Total Shpg. wt., 50 lbs.



**YOU SAVE
9.70**

**JENSEN CX-120 & LAFAYETTE
RESONATOR ENCLOSURE**

JENSEN MODEL CX-120
Speaker Only
Shpg. wt., 10 lbs.Net **49.50**

SY-156 Special (Mahogany or Wal-
nut) Combination Price.....Net **66.60**

SY-157 In Blonde, Combination
Price Speaker & Cabinet.....Net **68.60**
Total Shpg. wt., 48 lbs.



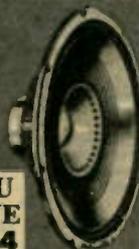
**YOU SAVE
12.40**

**UNIVERSITY UXC-122 &
LAFAYETTE
RESONATOR ENCLOSURE**

UNIVERSITY MODEL UXC-122
Speaker Only
Shpg. wt., 5 lbs.Net **32.34**

SY-113 Special Combination Price
(Mahogany or Walnut) Specify
whichNet **54.40**

SY-114 In Blonde, Combination
Price Speaker & Cabinet.....Net **56.40**
Total Shpg. wt., 43 lbs.



**YOU
SAVE
7.44**

**JENSEN DX-120 & LAFAYETTE
RESONATOR ENCLOSURE**

JENSEN MODEL DX-120
Speaker Only
Shpg. wt., 8 lbs.Net **25.50**

SY-158 Special (Mahogany or Wal-
nut) Combination Price.....Net **48.60**

SY-159 In Blonde, Combination
Price Speaker & Cabinet.....Net **50.60**
Total Shpg. wt., 46 lbs.



**YOU
SAVE
6.40**

**UNIVERSITY UXC-123 &
LAFAYETTE
RESONATOR ENCLOSURE**

UNIVERSITY MODEL UXC-123
Speaker Only
Shpg. wt., 7 lbs.Net **62.72**

SY-111 Special Combination Price
(Mahogany or Walnut) Specify
whichNet **76.62**

SY-112 In Blonde, Combination
Price Speaker & Cabinet.....Net **78.62**
Total Shpg. wt., 45 lbs.



**YOU SAVE
15.60**

**JENSEN CX-225 & LAFAYETTE
RESONATOR ENCLOSURE**

JENSEN MODEL CX-225
Speaker Only
Shpg. wt., 10 lbs.Net **59.50**

SY-160 Special (Mahogany or Wal-
nut) Combination Price.....Net **74.10**

SY-161 In Blonde, Combination
Price Speaker & Cabinet.....Net **76.10**
Total Shpg. wt., 48 lbs.



**YOU SAVE
14.90**

LAFAYETTE HI-FI BASS REFLEX CABINETS FOR 2 and 3 WAY SPEAKER SYSTEMS



ASSEMBLED OR KIT FORM

Available in Unfinished or Finished Models

These highboy and lowboy style bass reflex cabinets are completely assembled and solidly constructed of 3/4" white birch. Finished models are available in lustrous, hand-rubbed mahogany or blonde, and measure up to the high quality finish standards of fine furniture. They are designed to give proper baffling to your entire speaker system and actually improve the overall response of any system. Front panels are handsomely detailed with picture-frame molding and covered with pleasing plastic grille that blends with any finish. Attractively tapered offset legs are edge-tipped with brass ferrules. All models are lined with acoustic material to eliminate reverberation and cabinet resonance. Four cutouts plus a port duct are provided: One for a 15" speaker and adapter board for 12" speakers, another for an 8" speaker and adapter board for 5" speakers, and two cutouts to accommodate Lafayette HK-3 or HW-7 high frequency tweeters, if desired. Wood blocks are supplied to cover those cutouts which are not used. The unfinished models are smoothly sanded for painting or fine quality staining and polishing. Dimensions of lowboy (less legs): 28 1/2" wide, 23 1/2" high, 16 1/4" deep. Highboy has same dimensions with height and width interchanged. Legs are 7" high. Shpg. wt., either model, 54 lbs.

CAB-13. Assembled, Unfinished Highboy	Net	39.50
CAB-19. Mahogany or Blonde Finish Highboy (Specify finish)	Net	49.50
CAB-14. Assembled, Unfinished Lowboy	Net	39.50
CAB-20. Mahogany or Blonde Finish Lowboy (Specify finish)	Net	49.50

LAFAYETTE SPEAKER CABINET KITS

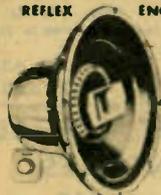
The same unfinished bass reflex enclosure as described above except in kit form. Do-it-yourself and save money with Lafayette's extra low prices. Instructions, all parts, hardware and grille cloth are included. Shpg. wt., 54 lbs.

CK-10—Unfinished Highboy Kit	Net	27.75
CK-11—Unfinished Lowboy Kit	Net	27.75

Lafayette SPECIAL HI-FI SPEAKER ENCLOSURES & SPEAKER COMBINATIONS AT TREMENDOUS SAVINGS

LAFAYETTE BASS REFLEX ENCLOSURES AND 15" SPEAKERS SPEAKERS ARE NOT MOUNTED

UNIVERSITY 6303 & LAFAYETTE BASS REFLEX ENCLOSURE



SPECIAL (UNFINISHED) COMBINATION
PRICE 92.50
YOU SAVE 25.50

Total Shpg. Wt., 69 lbs.

SY-115—Includes CAB-13 Unfinished Highboy and University 6303 Speaker.....	Net	92.50
SY-116—Includes CAB-14 Unfinished Lowboy and University 6303 Speaker.....	Net	92.50
SY-117—Includes CAB-19 Finished Mahogany or Blonde Highboy and University 6303 (specify finish).....	Net	104.50
SY-118—Includes CAB-20 Finished Mahogany or Blonde Lowboy and University 6303 (specify finish).....	Net	104.50
University 6303—Speaker Only. Shpg. wt., 15 lbs.....	Net	78.50

ELECTRO-VOICE 15TRXB & LAFAYETTE BASS REFLEX ENCLOSURE

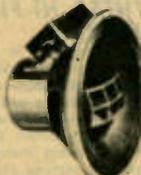


SPECIAL (UNFINISHED) COMBINATION
PRICE 92.80
YOU SAVE 24.12!

Total Shpg. Wt., 71 lbs.

SY-123—Includes CAB-13 Unfinished Highboy and E-V 15TRXB Speaker.....	Net	92.80
SY-124—Includes CAB-14 Unfinished Lowboy and E-V 15TRXB Speaker.....	Net	92.80
SY-125—Includes CAB-19 Finished Mahogany or Blonde Highboy and E-V 15TRXB (specify finish).....	Net	102.80
SY-126—Includes CAB-20 Finished Mahogany or Blonde Lowboy and E-V 15TRXB (specify finish).....	Net	102.80
E-V 15TRXB—Speaker Only. Shpg. wt., 17 lbs.....	Net	77.42

STEPHENS 206AXA & LAFAYETTE BASS REFLEX ENCLOSURE

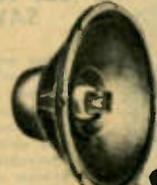


SPECIAL (UNFINISHED) COMBINATION
PRICE 166.50
YOU SAVE 35.50!

Total Shpg. Wt., 85 lbs.

SY-127—Includes CAB-13 Unfinished Highboy and Stephens 206AXA Speaker.....	Net	166.50
SY-128—Includes CAB-14 Unfinished Lowboy and Stephens 206AXA Speaker.....	Net	166.50
SY-129—Includes CAB-19 Finished Mahogany or Blonde Highboy and Stephens 206AXA (specify finish).....	Net	169.50
SY-130—Includes CAB-20 Finished Mahogany or Blonde Lowboy and Stephens 206AXA (specify finish).....	Net	169.50
Stephens 206AXA—Speaker Only. Shpg. wt., 31 lbs.....	Net	162.50

JENSEN CX-150 & LAFAYETTE BASS REFLEX ENCLOSURE



SPECIAL (UNFINISHED) COMBINATION
PRICE 85.80
YOU SAVE 20.20

Total Shpg. Wt., 66 lbs.

SY-136—Includes CAB-13 Unfinished Highboy and Jensen CX-150 Speaker.....	Net	85.80
SY-137—Includes CAB-14 Unfinished Lowboy and Jensen CX-150 Speaker.....	Net	85.80
SY-138—Includes CAB-19 Finished Mahogany or Blonde Highboy and Jensen CX-150 Speaker (specify finish).....	Net	96.30
SY-139—Includes CAB-20 Finished Mahogany or Blonde Lowboy and Jensen CX-150 Speaker (specify finish).....	Net	96.30
Jensen CX-150—Speaker Only. Shpg. wt., 12 lbs.....	Net	66.50

LAFAYETTE BASS REFLEX ENCLOSURES AND 12" SPEAKERS

ELECTRO-VOICE 12TRXB & LAFAYETTE BASS REFLEX ENCLOSURE

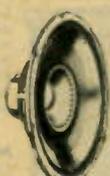


SPECIAL (UNFINISHED) COMBINATION
PRICE 84.75
YOU SAVE 19.43!

Total Shpg. Wt., 68 lbs.

SY-140—Includes CAB-13 Unfinished Highboy and Electro-Voice 12TRXB Speaker.....	Net	84.75
SY-141—Includes CAB-14 Unfinished Lowboy and Electro-Voice 12TRXB Speaker.....	Net	84.75
SY-142—Includes CAB-19 Finished Mahogany or Blonde Highboy and Electro-Voice 12TRXB Speaker (specify finish).....	Net	94.75
SY-143—Includes CAB-20 Finished Mahogany or Blonde Lowboy and Electro-Voice 12TRXB Speaker (specify finish).....	Net	94.75
Electro-Voice 12TRXB—Speaker Only. Shpg. wt., 14 lbs.....	Net	64.68

UNIVERSITY UXC-122 & LAFAYETTE BASS REFLEX ENCLOSURE

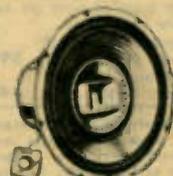


SPECIAL (UNFINISHED) COMBINATION
PRICE 59.95
YOU SAVE 11.89

Total Shpg. Wt., 59 lbs.

SY-144—Includes CAB-13 Unfinished Highboy and University UXC-122 Speaker.....	Net	59.95
SY-145—Includes CAB-14 Unfinished Lowboy and University UXC-122 Speaker.....	Net	59.95
SY-146—Includes CAB-19 Finished Mahogany or Blonde Highboy and University UXC-122 Speaker (specify finish).....	Net	73.76
SY-147—Includes CAB-20 Finished Mahogany or Blonde Lowboy and University UXC-122 Speaker (specify finish).....	Net	73.76
University UXC-122—Speaker Only. Shpg. wt., 5 lbs.....	Net	32.34

UNIVERSITY UXC-123 & LAFAYETTE BASS REFLEX ENCLOSURE



SPECIAL (UNFINISHED) COMBINATION
PRICE 83.95
YOU SAVE 18.27

Total Shpg. Wt., 61 lbs.

SY-148—Includes CAB-13 Unfinished Highboy and University UXC-123 Speaker.....	Net	83.95
SY-149—Includes CAB-14 Unfinished Lowboy and University UXC-123 Speaker.....	Net	83.95
SY-150—Includes CAB-19 Finished Mahogany or Blonde Highboy and University UXC-123 Speaker (specify finish).....	Net	96.54
SY-151—Includes CAB-20 Finished Mahogany or Blonde Lowboy and University UXC-123 Speaker (specify finish).....	Net	96.54
University UXC-123—Speaker Only. Shpg. wt., 7 lbs.....	Net	62.72

JENSEN CX-120 & LAFAYETTE BASS REFLEX ENCLOSURE



SPECIAL (UNFINISHED) COMBINATION
PRICE 73.50
YOU SAVE 15.50

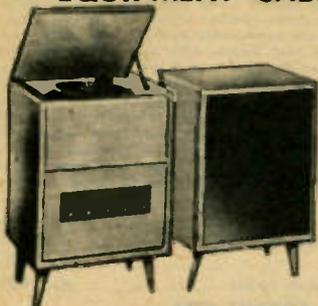
Total Shpg. Wt., 64 lbs.

SY-152—Includes CAB-13 Unfinished Highboy and Jensen CX-120 Speaker.....	Net	73.50
SY-153—Includes CAB-14 Unfinished Lowboy and Jensen CX-120 Speaker.....	Net	73.50
SY-154—Includes CAB-19 Finished Mahogany or Blonde Highboy and Jensen CX-120 Speaker (specify finish).....	Net	83.95
Jensen CX-120—Speaker Only. Shpg. wt., 10 lbs.....	Net	49.50

cabinart

**CUSTOM ENCLOSURES and CABINETS
for HIGH-FIDELITY INSTALLATIONS**

EQUIPMENT CABINET MODEL 30



Lift top equipment cabinet in pleasing modern style, accommodates record changer in upper section, tuner and amplifier in lower section. $\frac{3}{4}$ " Birch Veneer is finished in choice of Blond or Mahogany. If desired, equipment panel can be removed for conversion to storage area. Offset wood legs. Overall dimensions: 31" H., 21" W., 16" D. Record changer compartment under hinged lid: 19 $\frac{1}{2}$ " W., 14 $\frac{1}{2}$ " D. Tuner and amplifier section: 13" H., 19 $\frac{1}{2}$ " W., 14 $\frac{1}{2}$ " D. Shpg. wt., 50 lbs.

Model 30—Blond or Mahogany. Net 57.00

Model 30U—Same in unfinished Birch. Net 43.50

MODEL 31 BASS REFLEX ENCLOSURE

Matching companion piece to Model 30 equipment cabinet described above is a bass reflex enclosure providing excellent sound reproduction of the audio range. Constructed of the same quality woods and fine finish, the cabinet can be set alongside the equipment cabinet or placed in another section of the room for maximum listening pleasure. Cut-out speaker port. Overall dimensions: 31" H., 21" W., 16" D. Baffle area: 4.3 cubic feet. Shpg. wt., 50 lbs.

Model 31. Blond or Mahogany Finish. NET 49.50

Model 31U Same as above except unfinished Birch Veneer. NET 42.00

UNFINISHED ENCLOSURES AND CABINETS AVAILABLE IN KIT OR ASSEMBLED FORM SAVE MONEY ON THESE HI-FI CUSTOM CABINET KITS

These matching equipment and speaker cabinets in high grade unfinished $\frac{3}{4}$ " white pine plywood, are available in kit form or assembled. Kits are pre-cut and complete including plastic wood, glue, sandpaper, hardware and detailed instructions for assembling and finishing. Assembled units are smooth-sanded. Equipment cabinets have removable panels to facilitate future equipment changes. Speaker cabinets are bass reflex type and include plastic grille cloth. Precut for 15" speaker. Adapter board for use with 12" speaker. Baffle board attaches from inside cabinet by cleats making for easy finishing of the cabinet. Baffle Volume, 6 cu. ft. Overall dimensions of each cabinet: 23" W x 16" D x 33 $\frac{1}{2}$ " H. Tuner compartment; 21 $\frac{1}{4}$ " W x 15 $\frac{1}{2}$ " D x 20" H. Phono compartment; 21 $\frac{1}{4}$ " W x 14 $\frac{1}{8}$ " D x 11 $\frac{1}{2}$ " H. Shpg. wt., 40 lbs. per cabinet.

Model 80—EQUIPMENT CABINET KIT. Net 30.00

Model 8125—12" and 15" SPEAKER CABINET KIT. Net 24.00

Model 70—EQUIPMENT CABINET. Net 39.00

Model 7125—12" and 15" SPEAKER CABINET. Net 30.00

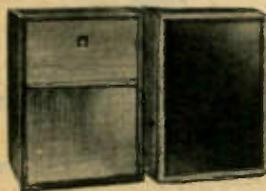
KLIPSCH DESIGNED REBEL 4 ENCLOSURE KITS

True corner enclosures for 12" and 15" speakers. These Klipsch-Cabinart Kits are unfinished and unassembled. Smooth, sanded, selected birch ply facings, tops and moldings. Have side grilles and include board for 2- or 3-way system components. Kits supplied with all necessary parts and detailed assembly instructions.

REBEL K-12 KIT—For 12" Speaker. Size: 21" W x 14 $\frac{1}{2}$ " D x 32" H. Shpg. wt., 38 lbs. Net 39.00

REBEL K-15 KIT—For 15" Speakers. Size: 24" W x 16 $\frac{1}{2}$ " D x 32" H. Shpg. wt., 40 lbs. Net 46.50

EQUIPMENT CABINET MODEL 28



This conservatively styled contemporary furniture piece accommodates your hi-fi equipment including record changer, tuner and amplifier. Pull-out record changer drawer with blank panel, is mounted on ball-bearing slides. Compartment measures 11 $\frac{1}{2}$ " H., 22" W., 15 $\frac{3}{8}$ " D. The tuner-amplifier compartment has a blank panel for cut-out to fit any components, and measures 18 $\frac{1}{2}$ " H., 22" W., 15 $\frac{3}{8}$ " D. Overall dimensions: 35" H., 23 $\frac{1}{2}$ " W., 17 $\frac{1}{2}$ " D. Shpg. wt., 78 lbs. Choice of Mahogany, Walnut, Korlino or Black Lacquer finishes.

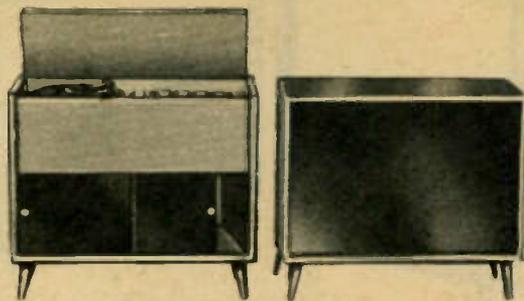
Model 28. NET 96.00

MODEL 27 BASS REFLEX ENCLOSURE

A matching bass reflex enclosure for the Model 28 equipment cabinet. Styling, wood and finishes are the same. Baffle area is 6 cubic feet. Face panel is covered with plastic grille and pre-cut for 15" speaker (also has adapter panel cut for 12" speaker). Lined with acoustic insulation. Overall dimensions: 35" H., 23 $\frac{1}{2}$ " W., 17 $\frac{1}{2}$ " D. Shpg. wt., 70 lbs.

Model 27. Mahogany, Walnut, Korlino or Black Lacquer finish. NET 69.00

LIFT TOP EQUIPMENT CABINET with Matching BASS REFLEX ENCLOSURE



Model 33 EQUIPMENT CABINET. Handsome, modern horizontal style cabinet for record changer, tuner, amplifier plus a generous storage area for all size records. Sliding front panels of perforated masonite cover the storage compartment—34" W., 13" H., 15 $\frac{1}{2}$ " D. Hinged top section houses the record changer compartment (16 $\frac{1}{2}$ " W. x 14 $\frac{1}{4}$ " D.) and tuner-amplifier section (17 $\frac{3}{8}$ " W. x 14 $\frac{1}{4}$ " D.). Overall dimensions: 32 $\frac{1}{2}$ " W., 16" D. $\frac{3}{4}$ " Birch Veneer finished in choice of Blond or Mahogany. Offset wood legs. Shpg. wt., 128 lbs.

Model 33. NET 87.00

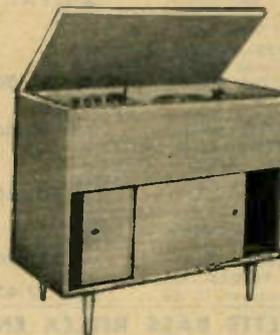
Model 33U—Same unfinished. NET 59.40

Model 34 SPEAKER ENCLOSURE. Matching companion piece to Model 33. Same size, woods and finish. Bass reflex design with 6 cubic feet baffle area to accommodate 12" or 15" speakers. Pre-cut ports. Acoustic insulation.

Model 34. NET 63.00

Model 34U Some as above in unfinished Birch Veneer. NET 53.40

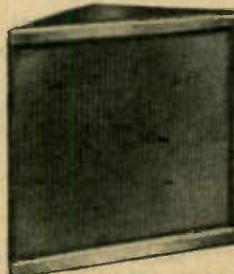
LIFT TOP EQUIPMENT CABINET FOR ALL COMBINATIONS OF TURNTABLES AND TONE ARMS



A distinctively new handsomely styled lift top cabinet designed to house complete systems involving combinations of turntable and 12" or 16" tone arm. The turntable section is 21" W, 18 $\frac{1}{4}$ " D with 6" below the shock-mounted motor board. Matching $\frac{3}{4}$ " wood sliding doors cover the 38 $\frac{1}{2}$ " W, 18" D, 14 $\frac{1}{2}$ " H storage area. The tuner and amplifier mount vertically, making component controls accessible from top in a section 17" W, 18 $\frac{1}{4}$ " D, and 9" below panel. Modern 7" wood tapered legs with adjustable feet for true leveling. Overall dimensions 40" W x 20" D x 33 $\frac{1}{2}$ " H. Birch veneer finished in choice of Mahogany, Walnut, Ebony and Blonde Mahogany. Shpg. wt., 115 lbs.

Model 45—Specify choice of color. Net 180.00

CORNER SPEAKER ENCLOSURE KITS

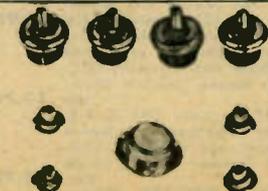


Ideal for low cost music systems. Corner folded horn design extends bass response a full octave, improves transient response and increases power handling capacity of any hi-fi speaker. $\frac{3}{4}$ " birch plywood. Kits are supplied with pre-cut baffle, grille cloth, hardware, glue, plastic wood, acoustic insulation, and assembly instructions.

Model 61. For 12" Speakers. Overall dimensions: 31 $\frac{1}{8}$ " H., 31 $\frac{1}{2}$ " W., 22 $\frac{1}{2}$ " D. Shpg. wt., 27 lbs. NET 21.90

Model 63. For 15" Speakers. Overall dimensions: 31 $\frac{1}{8}$ " H., 34 $\frac{1}{2}$ " W., 24 $\frac{1}{2}$ " D. Shpg. wt., 29 lbs. NET 26.40

MODEL ACC-3 LEVELOR KIT



A complete kit of four, rubber-tipped, screw-type feet for adjusting the true level of any turntable base, record changer base or high-fidelity equipment cabinet. Feet adjust independently to conveniently raise or lower any one corner of the equipment. Kit includes precision circular level, leveling mounts and installation hardware. Shpg. wt., 6 oz.

Model ACC-3. NET 2.40

GARRARD 4 SPEED RECORD CHANGER AUTO-MANUAL

With New And Latest Model FAIRCHILD DIAMOND LONG-PLAY CARTRIDGE

ONLY LAFAYETTE BRINGS YOU THESE SPECTACULAR SAVINGS ON THE LATEST MODEL GARRARD RECORD CHANGERS AND FAIRCHILD DIAMOND CARTRIDGE (REG. \$37.50)



COMPLETE WITH FAIRCHILD DIAMOND LP CARTRIDGE

83.41 NET

RC88 TRIUMPH II

4-Speed deluxe Auto-Manual changer, successor to the RC80 Triumph. Full manual position with finger-tip control gives this automatic changer the versatility of a single-play turntable. Smooth, quiet shaded 4-pole "Induction-Surge" motor, silent free-wheeling ballbearing turntable mount and oversized live rubber idler traction operating off the motor on a single turret which eliminates drive belts. Shielded condenser-resistor network and reinforced automatic muting switch. Heavy steel precision turntable covered with rubber tractor mat. Simplified stylus pressure and pickup height adjustments. Watch-like construction with sensitive trip mechanism, automatic stop and shutoff brake. Foolproof, gentle record pusher platform. Floating motor completely isolated and damped. Size 15 1/2" x 13 1/4" with 5 3/4" clearance above and 3 3/8" clearance below mounting board. Complete with line cord, pickup lead, plug-in spindles, 45 rpm adaptor, lens cartridge and lens automatic 45 rpm spindle. Shpg. wt. 16 lbs.

Model RC88 - Less cartridge Net 53.41
 Model RC88/GE - With New GE VRII Series Triple Play Dual Sapphire Cartridge Net 62.18
 Model RC88/GED - With New GE VRII Series Triple Play Diamond-Sapphire Cartridge Net 72.32
 Model 4558 - 45 RPM automatic spindle for use with RC88 Net 3.43
MAHOAGNY OR BLONDE WOODBASE CUT TO FIT ABOVE
 PK-111 - Specify finish. Shpg. wt., 5 lbs. Net 3.95
MOUNTING BOARD TO FIT ABOVE
 PK-110 - Unfinished. Shpg. wt., 3 lbs. Net .95



COMPLETE WITH FAIRCHILD DIAMOND LP CARTRIDGE

71.65 NET

RC121 RENOWN

A deluxe straight spindle type record changer compact enough for replacement use, yet superior to other fixed spindle types. Features "Simpli-Mix" operation whereby 12", 10", or 7" records may be stacked together, bottom to top in this order, loaded on the fixed spindle at one time and the overarm placed in position. Automatic operation results with the tone arm dropping into correct position regardless of record size. 45 RPM records are placed using clip-in adapters or with optional automatic spindle available below. Fully automatic and manual operation. "Induction-Surge" motor true-turret drive, ballbearing turntable mount, tone arm, stylus-pressure adjustments, trip mechanism, automatic stop and practically all of the features found in the new Garrard changers are likewise incorporated in this model. Size 14 1/2" x 13" requiring 4 3/4" clearance above and 3 3/4" below motorboard. 100-130/200-250 volts, 60 cycle AC operation. Complete with line cord, pickup cable, plug-in shell, mounting hardware. Lens cartridge and lens 45 RPM automatic spindle. Shpg. wt. 14 lbs.

Model RC121 - Less Cartridge Net 41.65
 Model RC121/GE - With New GE VRII Series Triple Play Dual Sapphire Cartridge Net 50.42
 Model RC121/GED - With New GE VRII Series Triple Play Diamond-Sapphire Cartridge Net 60.56
 Model 45521 - 45 RPM automatic spindle for use with RC121 Net 3.43
MAHOAGNY OR BLONDE WOODBASE CUT TO FIT ABOVE
 PK-111 - Specify finish. Shpg. wt., 5 lbs. Net 3.95
MOUNTING BOARD TO FIT ABOVE
 PK-110 - Unfinished. Shpg. wt., 3 lbs. Net .95



COMPLETE WITH FAIRCHILD DIAMOND LP CARTRIDGE

96.15 NET

RC 98 CROWN II

The RC 98 CROWN II 4-speed Super Auto-Manual record changer combines all of the advancements of the RC90 which it succeeds, and of the new RC88, including Garrard's new automatic and full manual performance. In addition, it contains several new high-fidelity innovations which are characteristic of the model. A feature is its exclusive all-speed variable control which makes possible a continuously variable + or - wide range adjustment of each speed. This is important to those with "perfect pitch" since it permits the RC98 to be "tuned" to the pitch or key of a musical instrument. This variable speed control is obtained by means of an all electrical rheostat operation varying the voltage in the motor coils with no friction or efficiency losses. A special 45 RPM automatic spindle is included in the RC98 standard spindle equipment. Cabinet dimensions are the same as the RC88. Complete with line cord, pickup lead, plug-in shells, mounting hardware, spindles including automatic 45 RPM spindle, lens cartridge. Shpg. wt. 17 lbs.

Model RC98 - Less Cartridge Net 66.15
 Model RC98/GE - With New GE VRII Series Triple Play Dual Sapphire Cartridge Net 74.92
 Model RC98/GED - With New GE VRII Series Triple Play Diamond-Sapphire Cartridge Net 85.06
MAHOAGNY OR BLONDE WOODBASE CUT TO FIT ABOVE
 PK-111 - Specify finish. Shpg. wt., 5 lbs. Net 3.95
MOUNTING BOARD TO FIT ABOVE
 PK-110 - Unfinished. Shpg. wt., 3 lbs. Net .95

MODEL 301 PROFESSIONAL TURNTABLE



87.22 NET

- VARIABLE SPEED CONTROL
- HEAVY DUTY 4-POLE SHADED MOTOR
- PERFECTED TURRET DRIVE MECHANISM
- EXCLUSIVE MOUNTING SUSPENSION SYSTEM
- HEAVY CAST ALUMINUM TURNTABLE
- BUILT-IN PRESSURE LUBRICATION SYSTEM

A hi-fi turntable designed to professional specifications. A simple foolproof eddy current brake permits instantaneous variation of all speeds, and makes it possible to "tune" the turntable to match the pitch of a musical instrument. Exclusive heavy duty motor has a dynamically balanced armature and self-centering, self-lubricating phosphor bronze bushings to eliminate noise and rumble. Unique motor mounting and motor-board suspension eliminate transfer of vibration. Noiseless main spindle rotates on phosphor bronze bearing and has oversized grease housing and knurled knob control of additional lubrication. The 12" 6 1/2 lb. cast aluminum turntable is precision machined and dynamically balanced. A resistor-condenser network eliminates shutoff noise, which is normally induced through pickup to loudspeaker. Speed Safety lock makes it mandatory to shut unit off before switching speeds which protects the mechanism. 100-130/200-250 volt, 60 cycle AC operation, 50 cycle pulley available. Size: 16" x 13 1/2", requiring 2 1/2" above and 3 1/2" below motorboard. Supplied with line cord, hardware, stroboscopic disc, and individual inspection report. Shpg. wt., 20 lbs.
MODEL 301 Net 87.22

GARRARD STYLUS PRESSURE GAUGE



Accurately measures the weight exerted by the stylus upon a record. Pressure is calibrated in grams. Can be used with any tone arm or any pickup. All moving parts of lightweight alloy. Attractive red and ivory plastic case. Shpg. wt., 5 oz.
PK-77 Net 2.45

NEW MODEL T "CREST" MARK II 4-SPEED MANUAL RECORD PLAYER



Entirely new compact and efficient 4-speed manual record player for fine reproduction where a changer is not desired. Provides quiet trouble-free performance from one complete turntable and tone arm assembly. It starts automatically with movement of the tone arm and shuts off automatically at the end of the record. Features a heavy duty constant speed rumble-free 4-pole shaded induction surge motor and heavy steel precision turntable for fly wheel action. All 4 speeds operate directly off motor on a single turret. Exclusive finger arm "star switch" permits convenient, instantaneous 4-speed selection. Oversized live rubber idler wheel has pull-away mount to prevent flat spots when player is not in use. True-tangent aluminum tone arm provides rigidity with low mass and light weight. Interchangeable plug-in heads accommodate all popular magnetic crystal or ceramic cartridges. Knurled knob on back of tone arm accessible for stylus pressure adjustments. Tone arm rest supports tone arm - ready for play, and a simple snap locks it for safety. Constructed like a watch - all levers fully adjustable, bronze bearings at all moving points; perfectly meshed precision - ground gears; noiseless main spindle. C-R network across switch eliminates "pop" shutoff noise. With 45 RPM adapter and rubber turntable mat. Size: 14 3/4" x 12 1/2" requiring 3" clearance above and 2-1/8" clearance below mounting board. UL approved. Complete with line cord and plug and pickup cable terminating in standard jack. Shpg. wt., 10 lbs.
 Model T Mark II - Less Cartridge Net 31.85
 Model T/GE - With New GE VRII Series Triple Play Dual Sapphire Cartridge Net 40.62
 Model T/GED - With New GE VRII Series Triple Play Diamond-Sapphire Cartridge Net 50.78
MAHOAGNY OR BLONDE WOODBASE CUT TO FIT ABOVE
 PK-112A - Specify finish. Shpg. wt., 5 lbs. Net 3.95
MOUNTING BOARD CUT TO FIT ABOVE
 PK-110 - Unfinished. Shpg. wt., 3 lbs. Net .95

NEW! GARRARD TPA-10 TRANSCRIPTION TONE ARM



With FAIRCHILD 225A LP DIAMOND CARTRIDGE **53.95**

- LENGTH, TRACKING ANGLE AND STYLUS PRESSURE INDIVIDUALLY ADJUSTABLE
- ACCOMMODATES VIRTUALLY ALL CARTRIDGES
- MINIMIZES RECORD WEAR
- MOUNTING HEIGHT WIDELY ADJUSTABLE
- PRECISION ENGINEERING AS USED IN CHROMOMETERS

Adjustability in length and tracking angle as well as in stylus pressure presents a new concept in tone arms. The TPA-10 operates efficiently in the smallest possible installation, yet can instantly become a full length 16" arm where space permits. The best features of static balance and spring loading have been combined in this new tone arm to give maximum vertical freedom. Few pivots minimize traversing friction affording record groove protection. Spring-loaded cone type ball bearing pivots are used, similar to those in shock-proof chromometers. The mounting height is widely adjustable, so that the arm may be used with any transcription turntable without shims or other special devices. Supplied with all necessary mounting hardware. Simplified templates show precisely how to install the arm under all conditions. A unique protractor enables the recommended angle of the cartridge to be set at any given radius, assuring minimum tracking error and lowest distortion. This adjustment enables enthusiasts to experiment and benefit from the most advanced theories concerning tracking. Distinctively styled in chrome and white enamel. Though moderate in price this tone arm has been built for long life and superior performance in the finest high fidelity systems. Shpg. wt., 2 lbs.
TPA-10 TONE ARM Net 24.01

TC-340 4-SPEED TRANSCRIPTION CHANGER



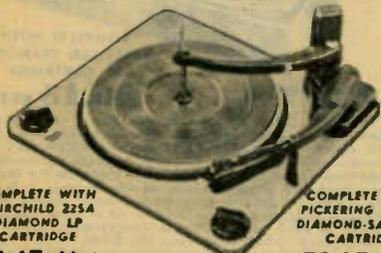
COMPLETE WITH FAIRCHILD 225A DIAMOND LP CARTRIDGE

COMPLETE WITH PICKERING 350 DS DIAMOND-SAPPHIRE CARTRIDGE

66.75 Net

68.25 Net

RC-440 4-SPEED RECORD CHANGER



COMPLETE WITH FAIRCHILD 225A DIAMOND LP CARTRIDGE

COMPLETE WITH PICKERING 350 DS DIAMOND-SAPPHIRE CARTRIDGE

70.67 Net

72.17 Net

TC-540 4-SPEED TRANSCRIPTION CHANGER



COMPLETE WITH FAIRCHILD 225A DIAMOND LP CARTRIDGE

COMPLETE WITH PICKERING 350 DS DIAMOND-SAPPHIRE CARTRIDGE

75.57 Net

77.07 Net

WEBCOR DISKCHANGERS



Model 1831
 • "Magic Mind"
 • Set-down knob
 • Adjustable stylus pressure

Models 1841-1842

• "Magic Mind"



1841

4-SPEED "IMPERIAL" CHANGERS

With exclusive and deluxe features for the finest high fidelity systems. "Magic Mind" automatically selects speed and plays 45 and 33 1/3 rpm records, 7", 10", 12" Intermixed. Plays a stack of 78 or 16 2/3 rpm records automatically. Automatic shut-off. Precision 4-pole motor. Balanced turntable with rubber mat. Pilot light in tone arm rest. Manual-Automatic lever. Set down adjustment knob. Balanced, lightweight tone arm. Adjustable counterbalance for variable stylus pressure. Styled in Burgundy and Copper-tone Gold. Size 13-3/16" x 14"; height above mounting board 6 1/2"; below 3". Shpg. wt., 12 lbs.; less base.

Webcor 1831-1—With Webcor ceramic hi-fi cartridge, diamond and sapphire styli.....Net 55.12

Webcor 1831-21—With GE "triple-play" magnetic cartridge, diamond and sapphire styli.....Net 58.80

Webcor 1831-27—Less cartridge, with 2 plug-in heads.....Net 42.63

WEBCOR ACCESSORIES

1911-B—Burgundy Base Pan for 1831 and 1841. Shpg. wt., 4 lbs.....Net 5.68

1922-45 RPM Spindle for 1831 and 1841.....Net 1.95

1921—Mounting Board, pre-cut for 1831, 1841; 13 1/2" x 14-11/16".....Net 1.90

1900R—Burgundy plug-in shell.....Net .59

VHF "MAGIC MIND" CHANGERS

4-speed automatic "Verified High Fidelity" Changer. With "Magic Mind" which plays 45 and 33 1/3 rpm records, in 7", 10" and 12" sizes, Intermixed in any sequence; also plays a stack of either 78 rpm or 16 2/3 rpm records automatically. Precision 4-speed motor. Automatic shut-off. Balanced, lightweight tone arm, balanced turntable. Styled in beautiful Burgundy and Copper-tone Gold. Dimensions 13-3/16" x 14"; 6 1/2" above motor-board, 3" below. Available with or without burgundy metal base and with 2 stylus-cartridge assemblies. Shpg. wt., less base, 11 lbs; with base 15 lbs. Dimensions of base 13 1/4" x 14 1/4" x 3 1/2".

Webcor 1841-1—With Webcor ceramic cartridge, 2 sapphire styli, less base.....Net 33.45

Webcor 1841-21—With GE "triple-play" magnetic cartridge with 2 sapphire styli, less base.....Net 36.94

Webcor 1842-1—With base, ready for plug-in operation; with ceramic cartridge, 2 sapphire styli.....Net 39.50

Webcor 1842-21—As above, with GE magnetic cartridge with 2 sapphire styli.....Net 42.63

New! Collaro 4-SPEED RECORD CHANGERS & TRANSCRIPTION CHANGERS

TC-340 "CITATION"

Latest English import, among the finest available! A radically new, economical, precision changer. "Sensimagic" tone arm AUTOMATICALLY "feels" the record size. Will handle 7", 10" and 12" records stacked in order of decreasing size. Tone arm is a one piece, dynamically balanced transcription type, free of audio resonances. Extremely low tracking error and lowest possible vertical and horizontal friction; will accept all standard high fidelity cartridges. WOW AND FLUTTER: less than 0.25% RMS at 33 1/3 RPM. 2-WAY: switch for operation as manual high-fidelity turntable. Heavy duty 4-pole shaded pole motor. Heavy rim-weighted turntable, 4 speeds: 78, 45, 33 1/3, 16 2/3 RPM. Automatic shut-off after last record. FOOL-PROOF, JAM-PROOF.

Muting switch and "pop-click" filter. Removable rubber turntable mat. Attractively two-toned to go with any decor. Tropicalized. Size 12" x 13 1/2"; clearance 5" above and 2 3/4" below motor board. PRE-WIRED FOR SIMPLE INSTALLATION. Shpg. wt., 20 lbs.

COLLARO TC-340-E—Less cartridge.....Net 36.75

COLLARO TC-340-O—With Collara Studio

"O" Crystal Cartridge.....Net 39.74

COLLARO TC-340-GE—With NEW GE-4G-050 Dual Sapphire Cartridge.....Net 45.52

COLLARO TC-340-GED—With NEW GE-4G-052 Diamond-Sapphire Cartridge.....Net 55.69

RC-440 "CORONATION"

Worthy successor to a long series of Collara English record changers. FULLY AUTOMATIC INTERMIX—handles 7", 10", 12" records stacked in any order. Features popular universal plug-in head shell suitable for any standard hi-fi cartridge, precision mechanism with heavy, rim-weighted turntable, automatic shut-off after last record. Wow and flutter less than 0.25% at 33 1/3 RPM. 4 speeds: 78, 45, 33 1/3, 16 2/3 RPM. Heavy duty 4-pole shaded pole motor. FOOL-PROOF, JAM-PROOF! 2-WAY: switch converts at will to operation as manual high-fidelity turntable. Muting switch and "pop-click" filter. Removable rubber turntable mat. 8-second change cycle, independent of speed setting. Two-toned finish. Tropicalized to withstand adverse weather and humidity conditions. Size 12" x 13 1/2"; clearance 5/8" above and 2 3/4" below motorboard. PRE-WIRED FOR SIMPLE INSTALLATION. Shpg. wt., 20 lbs.

COLLARO RC-440-E—Less cartridge.....Net 40.67

RC-440-O—With Collara Studio "O" Crystal Cartridge.....Net 43.66

RC-440-GE—With NEW GE-4G-050 Dual Sapphire Cartridge.....Net 49.44

RC-440-GED—With NEW GE-4G-052 Diamond-Sapphire Cartridge.....Net 59.61

COLLARO ACCESSORIES

COLLARO GPE—Empty plug-in head shell for RC-440 "Coronation" series.....Net .83

COLLARO GPEO—Head shell with Collara Studio "O" cartridge for RC-440 "Coronation".....Net 4.16

COLLARO GSA—Automatic 45RPM adapter spindle for all Collara changers.....Net 3.23

TC-540 "CONTINENTAL"

NEW and unmistakably the finest British precision changer with exceptional custom features, from Collara, Ltd., the world's largest mfr. of high fidelity record changers. FIRST to embody a transcription-type tone arm—one piece, dynamically balanced, free of audio resonances, with minimum tracking error, lowest possible vertical or horizontal friction, same low stylus pressure for last record as for first; accepts all standard high fidelity cartridges. FULLY AUTOMATIC INTERMIX—handles 7", 10" and 12" records in any order. Automatic shut-off after last record. Automatic idler disengagement to prevent "bumps" and "wow". Heavy, rim-weighted balanced turntable; extra-heavy duty 4-pole motor; exclusive micro-finished motor shaft polished to .0000006 inches for lowest possible noise. 4

speeds: 78, 45, 33 1/3, 16 2/3 RPM. 2-WAY: switch for operation as manual turntable. Wow and Flutter less than 0.25% RMS at 33 1/3 RPM. JAM-PROOF. Muting switch and "pop-click" filter. Rubber turntable mat. Tropicalized. Size 12" x 13 1/2"; clearance 5/8" above and 2 3/4" below motorboard. PRE-WIRED. Shpg. wt., 20 lbs.

COLLARO TC-540-E—Less cartridge.....Net 45.57

COLLARO TC-540-O—With Collara Studio "O" cartridge.....Net 48.56

COLLARO TC-540-GE—With NEW GE-4G-050 Dual Sapphire Cartridge.....Net 54.34

COLLARO TC-540-GED—With NEW GE-4G-052 Diamond Sapphire Cartridge.....Net 64.51

NEW! GLASER-STEERS 4-SPEED RECORD CHANGER



MODEL GS-77

- Automatic Speed Selection
- 5-Second Change Cycle
- Damped, Isolated Arm
- Pin Point Bearings
- Intermix of 7", 10" and 12"
- Jamproof Mechanism
- Foolproof Manual Operation

A radically-different 4-speed record changer, made especially for high-fidelity use and embodying the latest features providing true "automation".

FEATURES: SPEED MINDER—simply set control knob in "Speed Minder" position and the GS Seventy Seven will: Intermix and play 33 and 45 rpm records, choosing correct speed automatically, with 7", 10" and 12" records intermixed in any sequence when the microgroove stylus is in position; operate at 78 rpm when standard groove stylus is in position • Turntable pauses during change cycle to permit record to drop without rubbing against turntable mat or previously played record • Shock suspension of arm prevents acoustic feedback through arm pivot • Negligible arm resonance • Vernier adjustment for stylus pressure • Variation of stylus pressure between 1st and 10th record less than 1 gram • Will track and trip at lowest stylus pressure in the field • Finger-lift on arm prevents scratching records • Idler automatically disengages in "off" position • Molded rubber turntable mat • Arm may be manually relocated an record during automatic play without damaging mechanism or tripping change cycle • Automatic shut-off after last record—may be wired to shut off amplifier as well.

SPECIFICATIONS: Shock-mounted 4-pole hum-shielded motor with balanced rotor • Automatic and manual operation at all 4 speeds—16 2/3, 33 1/3, 45, 78 rpm • Automatic intermix of all 3 record sizes at only selected speed • Pin point vertical and lateral tone arm bearings • Extremely low wow and flutter • Muting switch for silent change cycle • Supplied with 9" AC line card, 4' output cable and plug • Finished in ebony with brushed gold trim and oyster white turntable pad • For 100-130 volts, 60 cps AC • Size 13 1/2" w x 12" d; 3" below and 5" above mounting board • Shpg. wt., 13 lbs.

GLASER-STEERS MODEL GS SEVENTY SEVEN—4-speed changer, less cartridge less base.....Net 59.50

MODEL G5B WOODBASE—Ebony and white, brushed brass trim.....Net 9.60

MODEL GSMB MOUNTING BOARD—Sanded smooth, unfinished.....Net 2.40

MODEL GS 45 RPM SPINDLE—for GS77.....Net 3.60

HIGH FIDELITY RECORD CHANGERS

V-M "SUPER-FIDELIS" 4-SPEED CHANGERS



1225A



920A

DELUXE 1200A-1225A SERIES

Plays 33 $\frac{1}{3}$, 45 and 78 rpm records automatically; popular talking book 16 $\frac{2}{3}$ rpm manually; optional manual operation at any speed. Positive intermix of up to 10—12" and 10" records in any order; capacity 12—10", 10—12" or 14—7" records. "Tri-O-Matic" spindle gently lowers records. Constant-speed drive motor, low-torque mechanism, precision ball bearing, for minimum wow and freedom from rumble. Jam-proof, child-proof mechanism. Automatic shutoff, automatic idler disengagement. Smart new styling, in charcoal gray and antique white. For 110-120 volts, 60 cps AC. U/L Approved. Size 12 $\frac{1}{2}$ " x 13 $\frac{3}{4}$ " x 8-5/16" high overall. Shpg. wt., 10 $\frac{1}{2}$ lbs.

VM 1225A—As described above, with matching metal base. Complete with ceramic turnover cartridge with dual sapphire stylus, 6' AC cord and 4' phono output cord with plugs. Size 12 $\frac{1}{2}$ " x 13 $\frac{3}{4}$ " x 8 $\frac{1}{4}$ ". Shpg. wt., 15 lbs. Net **39.95**

VM 1225A-GE—As above but with GE Variable Reluctance triple-play cartridge with dual sapphire stylus. Net **46.00**
 VM 1225A-GED—Same as above with GE Variable Reluctance triple-play cartridge GE diamond LP stylus and sapphire stylus for standard 78 rpm. Net **58.80**
 VM 1200A—Same as 1225A but less base and AC cord. Net **37.20**
 VM 1200A-GE—Same as 1225A-GE but less base and AC cord. Net **41.20**
 VM 1200A-GED—Same as 1225A-GED but less base and AC cord. Net **54.00**

920A ECONOMY CHANGER

On plastic base. For 33 $\frac{1}{3}$, 45 and 78 rpm. Intermix of any 10—12" and 10" records. "Tri-O-Matic" spindle. Automatic shut-off. Ceramic turnover cartridge. For 110-120 volts, 60 cps AC. U/L Approved. Includes 6' power cord and 4' phono cord with plugs. Size 12" x 10" x 7 $\frac{3}{4}$ ". Shpg. wt., 10 lbs.
 VM 920A—Complete. Net **29.95**

VM CHANGER ACCESSORIES

9759 45 RPM SPINDLE—Fits all VM models listed. Net **1.88**
 PK-110 MOUNTING BOARD—Cut to fit VM 1200A-Series changers. Unfinished. Specify changer model when ordering. Shpg. wt., 1 lb. Net **.95**

MONARCH 4-SPEED AUTOMATIC INTERMIX RECORD CHANGER 21.50

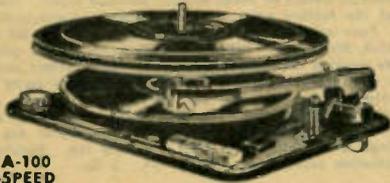


Made In England

The new British-Made Monarch automatically plays 7", 10" or 12" at 16-1/3, 33 $\frac{1}{3}$, 45 or 78 RPM. Intermixed in any order! 16 $\frac{2}{3}$ rpm speed available, for manual operation. Features a 4-Pole induction-type motor eliminating "rumble" and "wow". Pickup automatically returns to rest and motor switches off after last record. Rotacam combined 4 speed control and On-Off-Reject switch. Fitted suspension springs—eliminates feedback. 10-record capacity. Simple design guarantees long life and trouble-free operation. Tone arm unobtrusively comes down directly into the lead-in groove of the record. Operates on 110-125 VAC 60 cps. Shpg. wt., 15 lbs.

PK-143 Monarch Model UAB—4-speed changer, less cartridge. Net **21.50**
 PK-144 Monarch Model UABH—4-speed changer, with hi-fi crystal turnover cartridge. Net **23.75**
 PK-145 Monarch Model UABU—4-speed changer, with Galdring No. 500 variable reluctance cartridge with dual sapphire stylus. Net **26.95**
 45 RPM SPINDLE: Fits in place of regular spindle. Eliminates use of spiders. Net **1.88**
MONARCH 45 SPINDLE
 MAHOGANY OR BLONDE WOODBASE CUT TO FIT ABOVE. Net **3.95**
 Specify finish. Shpg. wt., 5 lbs.
MOUNTING BOARD CUT TO FIT ABOVE
 Unfinished for easy staining. Shpg. wt., 3 lbs. Net **.95**

AUDIOGERSH "MIRACORD" CHANGER & MIRAPHON PLAYER



XA-100
4-SPEED
CHANGER

4-speed completely automatic and manual, push-button controlled, record changer with the "Magic Wood" spindle. Plays 10" and 12" records intermixed. 5 push-buttons: START; starts mechanism or changes to next record. STOP; arm returns to rest position. FILTER; eliminates surface noise. REPEAT; replays record. PAUSE; adjusts time lapse between records from 5 seconds to 12 $\frac{1}{2}$ minutes. Shuts off after last record. Record capacity: 8—12" or 10—10" records (for a corresponding mixture of both) or 10—7" records. Size 12 $\frac{1}{2}$ " x 10 $\frac{1}{2}$ " requiring 2 $\frac{1}{2}$ " above and 2 $\frac{3}{4}$ " below mounting board. Less 45 RPM automatic spindle listed below but with 45 RPM adapter for single play. Dual voltage 110-120 volts or 200-220 volts 60 cycle AC. Shpg. wt., 15 lbs.

MIRACORD XA-100—As described above, less cartridge. Complete with plug-in head, with all plugs and leads attached. Net **67.50**
 MIRACORD XA-100/GE—As above, with GE variable reluctance "triple-play" cartridge with dual sapphire stylus. Net **74.50**
 MIRACORD XA-100/GED—As above, with diamond LP and sapphire 78 rpm stylus. Net **86.25**
 MIRACORD NO. 38—45 RPM automatic spindle for XA-100 changer. Net **4.50**



XM-110A
4-SPEED
MANUAL
PLAYER

Heavy-duty 4-pole motor, rim drive, balanced turntable for constant speed free from "wow" and "flutter". Motor floats free, isolated from rest of player. Rubber mat. Plug-in head. Tone arm has double row of ball bearings, special dampened plastic construction. Automatic shut off at end of record. Rich burgundy finish, with white trim. For 110 or 220 volts AC, 60 cps. 12 $\frac{1}{2}$ " x 10 $\frac{1}{4}$ " clearance 2 $\frac{1}{2}$ " above mounting plate, 2 $\frac{3}{4}$ " below. Shpg. wt., 10 lbs. Complete and ready for operation, with all plugs and leads attached.

MIRAPHON XM-110A—4-speed manual player as described above, less cartridge. Net **37.50**
 MIRAPHON XM-100A/GE—As above, with GE variable reluctance "triple-play" cartridge with dual sapphire stylus. Net **44.50**
 MIRAPHON XM-110A/GED—As above, with diamond LP and sapphire 78 rpm stylus. Net **56.25**
 PK-111—Mahogany or blonde woodbase cut to fit either XA-100 or XM-110A. Please specify finish. Shpg. wt., 5 lbs. Net **3.95**
 PK-110—Mounting board cut to fit either XA-100 or XM-110A. Unfinished for easy staining. Shpg. wt., 1 lb. Net **.95**

THORENS CHANGER



"The Changer That Exceeds Wow and Flutter Standards For Broadcast Turntables!"

MODEL
CD-43N

MADE IN SWITZERLAND

According to results of tests on random samples, made by an independent testing laboratory, the Thorens record changer actually exceeds NARTB specifications for broadcast reproducing turntables. Wow and flutter were better than 0.2% RMS. These results were achieved mostly because of the EXTRA-LARGE, 4-POLE DIRECT-DRIVE PRECISION MOTOR, eliminating belts and pulleys often responsible for the variations in speed—and, therefore, in musical pitch—known as "wow" and "flutter".

OTHER FEATURES: Speed selector has integral fine-tuning knob for "exact-pitch" adjustment • Rumble reduced by cast-iron frame and mechanical filter • Electrically-balanced rotor shaft • Governor-controlled speeds • Automatic intermix of 7", 10" and 12" records • Optional manual operation • "Pause Control" for adjustable between-record pauses of 1 to 13 minutes • "Repeat Control" will replay any size record • Automatic shut-off after last record • Instant record reject • Muting Switch for quiet change cycle • Size 15" x 12"; depth below base 3 $\frac{1}{4}$ "; height above 6"; requires clearance above base of 9" • Balanced, heavy 12" turntable • Supplied with 2 plug-in shells and hardware for most high-fidelity cartridges; less AC line cord, cartridge, 45 rpm spindle • For 100-250 volts, 50/60 cps AC • Shpg. wt., 24 lbs.

THORENS CD-43N.....Net **78.35**

THORENS ACCESSORIES

45-S—45 RPM spindle for CD-43N.....Net **5.83**
 WB-B—Wooden base, blonde, for CD-43N or CBA-83N. 13" x 16".....Net **5.88**
 WB-M—Same as above, Mahogany.....Net **5.88**
 MB—Mounting board for CD-43N or CBA-83N. Unfinished. 16" x 15".....Net **3.67**

THORENS CBA-83N AUTOMATIC PLAYER



The Thorens "Audiomatic" is a push-button controlled, fully automatic player for single records. Just press button for 7", 10" or 12" size; tone arm sets down automatically; player shuts off at end of record. Reject control. Muting switch with "pop-click" filter. Control for manual operation. Same precision, governor-controlled direct drive motor as CD-43N. 3-speeds. Size 15" x 12"; depth below base 3 $\frac{1}{4}$ ". Supplied with 2 plug-in shells and cartridge-mounting hardware plus 45 rpm adaptor; less AC line cord and cartridge. For 100-250 volts, 50/60 cps AC. Shpg. wt., 20 lbs.

THORENS CBA-83N—3-speed automatic player.....Net **59.95**

Lafayette

VISCOUS DAMPED PICKUP ARMS

ONLY Lafayette CAN BRING YOU A VISCOUS DAMPED TRANSCRIPTION TONE ARM AT SUCH A PRICE!

THE PROFESSIONAL 12" PK-90



LICENSED UNDER CBS
U. S. PATENT NO. 2676806

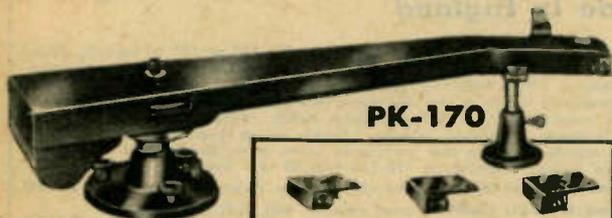
\$11.95

- JEWEL BEARING SUPPORT
- PERFECT RECORD TRACKING
- AUTOMATIC FLUID CONTROL
- INSTANT PLUG-IN CARTRIDGE CHANGE
- ACCOMMODATES ALL POPULAR AMERICAN CARTRIDGES

This transcription arm, with its "floating action" principle of viscous-damping, gives dependable and stable operation. It is supported at a single point by a pivot and jewel bearing having negligible friction. Damping is accomplished by a silicone fluid occupying the gap between ball and socket. The result is high compliance and practically no tracking error. Damage to record or stylus is impossible if the arm is accidentally dropped. Low frequency resonance, skidding and groove-jumping are also minimized. The tone arm plays all sized records including 12", and accommodates virtually all hi-fi cartridges by means of precisely engineered adapters which simplify installation and provide proper stylus pressure. Gray hammertone finish. Shpg. wt., 2 1/2 lbs.

PK-90—Transcription Tone Arm.....Net 11.95

LAFAYETTE PROFESSIONAL 16" VISCOUS-DAMPED TRANSCRIPTION TONE ARM



PK-170

PLUG IN HOLDERS FOR
POPULAR MODEL CARTRIDGES

\$17.95

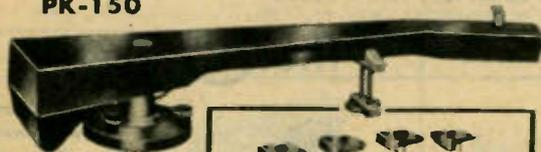
Here is one of the finest professional, transcription tone arms available today, imported by Lafayette Radio, and sold at the lowest price ever. Every important tone arm design and construction feature has been incorporated into this new addition to Lafayette's high fidelity family of fine products. Viscous damping means "floating action" fluid control which regulates the horizontal and vertical movement of the arm. This suspension principle virtually eliminates groove jumping and skipping. Tone arm resonance is eliminated and perfect compliance is achieved at all speeds with correct stylus pressure. The silicone oil chamber is completely enclosed and sealed against leakage. All tone arm adjustments are easily accessible and include means for correcting height of arm, stylus pressure and leveling of the arm. The amount of damping and pressure is controlled by manual viscosity adjustments mounted on top of the arm. Records and stylus cannot be damaged when the tone arm is accidentally dropped. The slide-in cartridge holders and separate weights permit instantaneous mounting of all standard types including GE turn-over cartridge. An adjustable height pickup rest, three cartridge holders, and leads for connection to amplifier are supplied with the pickup arm. Rich, hammertone gray finish. Overall length of arm 14 1/2". Shpg. wt., 3 1/2 lbs.

PK-170—Transcription Tone Arm.....Net 17.95

ARGONNE PROFESSIONAL DELUXE 12" VISCOUS DAMPED TONE ARM

LICENSED UNDER CBS U.S. PATENT NO. 2676806

PK-150



NET ONLY

FOUR PLUG-IN ADAPTERS
FOR STANDARD CARTRIDGES

\$19.95

LICENSED UNDER CBS
U. S. PATENT NO. 2676806

WITH NEW REVOLUTIONARY PATENTED PRINCIPLES

- EXCLUSIVE SEALED OIL CHAMBER ELIMINATES POSSIBILITY OF LEAKAGE
- FACTORY ADJUSTED FOR OPTIMUM DAMPING POSITION
- CORRECT STYLUS PRESSURE AUTOMATICALLY APPLIED

A new Argonne (Model AR-600) import for the discriminating audiophile who wants tone arm perfection. Here is an arm utilizing distinctive design and construction to provide features not found in other viscous damped tone arms. An entirely new principle is used to provide a sealed chamber to eliminate fluid leakage, a common defect of other viscous damped types. The tone arm is adjusted for optimum damping at the factory prior to shipment and in practically all instances requires no further adjustment. Four adapters are supplied to accommodate all popular standard make cartridges (GE, Fairchild, Pickering). When mounted in its proper adapter, the correct stylus pressure is automatically applied for each specific cartridge. Perfect damping with a high grade silicone oil having a negligible temperature coefficient, single point pivot support for smoother action, and convenient variable height and leveling adjustments are a few of the other features of this excellently designed unit. Viscosity of oil keeps stylus in the groove and absorbs shocks and undesirable arm vibrations. Tone arm resonances are non-existent within the audio range. Equipped with pickup rest and tone arm lift. Finished in attractive gray hammertone. With installation instructions. Shpg. wt., 3 lbs.

PK-150—Transcription Tone Arm.....Net 19.95

LAFAYETTE TRANSCRIPTION TYPE MANUAL PLAYER

- MAGNETIC BRAKE FOR FINE ADJUSTMENT OF EACH SPEED
- 4-POLE, HEAVY DUTY TRANSCRIPTION-TYPE MOTOR
- STYLUS WEIGHT ADJUSTMENT SCREW ON TONE ARM

Here is a new manual player for the audiophile who wants noiseless, "wow-free" and rumble-free reproduction of recorded music at nominal cost. All the important features of professional transcription players have been incorporated in this precision turntable, complete with light-weight pickup arm. With two plug in cartridge shells for all standard high-fidelity cartridges. Player is equipped with a heavy duty, 4-pole, 3-speed motor for 78, 45 and 33 1/2 RPM records. An exclusive magnetic brake controlled by knob on the base plate, permits instantaneous fine adjustment of each speed. Stroboscope disc included with unit, checks speeds. Extremely smooth and quiet operation. No hum even with the most sensitive cartridges. Speed selector safety switch protects mechanism by making it necessary to pass through an OFF position when switching from one speed to another.

10" diameter, heavy turntable is supplied with a rubber traction mat for positive grip of record. Stylus pressure adjustment can be made easily and quickly with the conveniently located adjusting screw on the underside of the tone arm. Mounting plate is also equipped with pickup rest and ON-OFF switch. Dimensions of mounting plate: 12-15/16" left to right, and 10 7/8" front to rear. Requires 2 3/4" clearance below motor board and 3" above. Supplied with AC line cord, two plug-in heads, output cable for connection to amplifier and 45 RPM adapter. For 105-120 volts, 60 cycle AC. Shpg. wt., 12 lbs. Less cartridge. (NOTE: For protection in shipping, tone arm is separate. Just fasten to mounting plate.)

PK-160—Manual Player.....Net 25.95

MODEL PK-162—WOOD BASE. Cut out for PK-160 Manual Player. Top quality veneer attractively finished in mahogany or blonde (specify). Shpg. wt., 5 lbs.....Net 3.95

MODEL PK-163—MOUNTING BOARD. Unfinished, cut out for PK-160 player. Strong, durable 3/4" gumwood, ready for stain or paint. Shpg. wt., 1 lb.....Net .95



with TWO
PLUG-IN HEADS

- ACCOMMODATES ALL POPULAR CARTRIDGES

PK-160

25.95

LESS BASE

Complete Turntable and
Tone Arm Assembly at
the Lowest Price Ever
for such High Quality

**NEW!
PROFESSIONAL!**

LAFAYETTE TRANSCRIPTION TURNTABLES

LAFAYETTE MODEL PK-300

The Finest Transcription Turntable For Professional Or Audiophile!

- BUILT-IN STROBOSCOPE AND VIEWER FOR EXACT SPEED DETERMINATION
- MAGNETIC BRAKE FOR INSTANTANEOUS SPEED VARIATION
- RC FILTER NETWORK
- 12" CAST-ALUMINUM RIM-DRIVEN TURNTABLE
- HEAVY DUTY 4-POLE CONSTANT SPEED MOTOR
- VARIABLE SPEED CONTROL PERMITS ADJUSTMENT OF EACH SPEED WITHIN $\pm 7\%$
- SPEED SELECTOR SAFETY SWITCH
- FREELY-FLOATING MOTOR MOUNT

New 3-speed instrument to delight the connoisseur. The balanced turntable has an extra-heavy rim for smooth, effective flywheel action. Rim driven by perfectly true pulleys and an oversized idler wheel; ball-bearing mounted to assure noiseless, rumble-free rotation. Heavy-duty, high torque, constant speed 4-pole induction motor with virtually no magnetic leakage or hum pickup even with the sensitive variable reluctance cartridges. Variable speed control, utilizing an efficient magnetic and frictionless eddy-current brake action. A built-in stroboscope and optical viewer permit exact speed adjustment even while records are being played. With power off, the idler wheel is automatically disengaged, keeping it perfectly round and true and preventing rumble. Speed selector safety switch protects the operating mechanism by making it obligatory to pass through an OFF position when switching speeds.

The motor is isolated by shock mounting. An RC filter network does away with unwanted shut-off noise. For 110-130 Volts, 60 cycle AC. Draws 12 watts. Size: $13\frac{1}{2}"$ d, $14"$ w; clearance $2\frac{3}{4}"$ above motorboard (excluding pick-up arm) and $3\frac{3}{4}"$ below. Supplied with a heavy rubber record cushion, 45 RPM adapter and mounting plate for tone arm. Shpg. wt., 20 lbs.

PK-300 Net **49.50**

LAFAYETTE COMBINATIONS FOR EXTRA SAVINGS!

- PK-300 Turntable, PK-90 Tone Arm, New GE VR11 Series "Triple-Play" Cartridge Model 4G-052 with Genuine GE Diamond and Sapphire Styl. **SPECIAL! Net 72.50**
- Same as above, with Fairchild 225A Cartridge with Diamond LP Stylus **SPECIAL! Net 90.50**
- Same as above, Pickering 350DS "Fluxvalve" Cartridge with Diamond and Sapphire Styl. **SPECIAL! Net 92.00**
- PK-300 Turntable, PK-170 Tone Arm, GE VR11 Series Model 4G-052 Cartridge with GE Diamond and Sapphire Styl. **SPECIAL! Net 78.50**
- Same as above, with Fairchild 225A Cartridge with Diamond LP Stylus **SPECIAL! Net 96.50**
- Same as above, with Pickering 350DS "Fluxvalve" Cartridge with Diamond and Sapphire Styl. **SPECIAL! Net 98.00**

LAFAYETTE MODEL PK-225

Professional Turntable with HYSTERESIS-SYNCHRONOUS MOTOR!

The LAFAYETTE TRUE HYSTERESIS-SYNCHRONOUS MOTOR. Since many so-called "hysteresis" motors have appeared and will continue to appear on the market, it is important that you know the difference between the real thing, as provided by Lafayette, and the imitators with partial hysteresis motors!

ONLY HYSTERESIS-SYNCHRONOUS MOTORS—SUCH AS LAFAYETTE'S—are free from speed variations due to fluctuations in line voltage, load and temperature!

ONLY HYSTERESIS-SYNCHRONOUS MOTORS—SUCH AS LAFAYETTE'S—are the smoothest type known, completely free from "cogging" (the minute variations of speed which show up as waw and flutter)!

ONLY LAFAYETTE'S HYSTERESIS-SYNCHRONOUS MOTOR, in its price class, is made to extremely fine tolerances (on the order of .00001 inches)! Only Lafayette's motor has 16 cores, a high permeability rotor magnet, ball thrust bearings, oilite sleeve bearings plus felt oil reservoir, cooling fins as an integral part of the rotor and a hollow rotor core for maximum efficiency and minimum heat. Only Lafayette's motor can be ailed from above, without disassembly, through a unique oil feed system. Only Lafayette's motor has a self-aligning armature.

ONLY LAFAYETTE CAN GIVE YOU A REALLY PROFESSIONAL TURNTABLE WITH TRUE HYSTERESIS-SYNCHRONOUS MOTOR AT SUCH AMAZINGLY LOW PRICES!

Here's THE turntable—the last word in professional high-fidelity performance! A fine precision instrument in every sense. Just look at some of these OUTSTANDING FEATURES: • **WOW AND FLUTTER:** Less than 0.2% • **TURNTABLE:** Heavy, diecast aluminum. Lathe-turned for perfect balance and concentricity. 12" diameter—weighs approx. 4 lbs. and provides amazingly constant speed; the extra-heavy rim acts just like a flywheel to prevent speed variations • **TRUE HYSTERESIS-SYNCHRONOUS MOTOR:** For smooth, low-noise, wow- and flutter-free operation • **RUMBLE AND NOISE:** 50db below average recorded level • **INTEGRATED SPEED CONTROL:** For all 3 speeds—78, 45 and 33 1/3 rpm • **2 OVERSIZE, HEAVY DUTY IDLERS:** Precision-ground; provide positive constant-speed rim drive • **SINGLE BALL THRUST BEARING:** Turntable rides smoothly over ball bearing floating on thin film of oil • **FREE-FLOATING, SHOCK-MOUNTED MOTOR** • **RUBBER CUSHION SHOCKMOUNTS** • **AUTOMATIC IDLER DISENGAGEMENT** • **CORK AND RUBBER MAT** • **STAINLESS STEEL PRECISION SPINDLE** • **POWER REQUIREMENTS:** For 105-130 volts, 60 cps AC; draws 16 V.A. • **ACCESSORIES SUPPLIED:** 45 RPM adapter, Strobe disc • **SIZE:** $2\frac{1}{8}"$ above and $4"$ below motor board; $14\frac{3}{4}"$ deep \times $12\frac{1}{4}"$ wide • **SHIPPING WEIGHT:** 16 lbs.

LAFAYETTE MODEL PK-225 Net **64.50**

LAFAYETTE MONEY-SAVER COMBINATIONS

- PK-225 Turntable, PK-150 12" Tone Arm, New GE VR11 Series "Triple-Play" Cartridge Model 4G-052 with Genuine GE Diamond and Sapphire Styl. **SPECIAL! Net 89.50**
- Same as above, with Fairchild 225A Cartridge with Diamond LP Stylus. **SPECIAL! Net 107.50**
- Same, with Pickering 350DS "Fluxvalve" Turnover Cartridge with Diamond and Sapphire Styl. **SPECIAL! Net 109.00**
- PK-225 Turntable, PK-170 16" Tone Arm, GE VR11 Series Model 4G-052 Cartridge with Diamond and Sapphire Styl. **SPECIAL! Net 87.50**
- Same as above, with Fairchild 225A Cartridge with Diamond LP Stylus. **SPECIAL! Net 105.50**
- Same, with Pickering 350DS "Fluxvalve" Turnover Cartridge with Diamond and Sapphire Styl. **SPECIAL! Net 107.00**

LAFAYETTE 4-SPEED DELUXE TRANSCRIPTION TURNTABLE

- MAGNETIC EDDY-CURRENT BRAKE
- FINE CONTROL OF SPEEDS $\pm 7\%$
- RIM-WEIGHTED TURNTABLE
- HEAVY-DUTY CUSTOM 4-POLE MOTOR

The ideal unit for medium cost true-fidelity systems. Has all the important features of the best professional turntables — at Lafayette's usual low, low price. CHECK THESE FEATURES: — Heavy $2\frac{1}{2}$ lb. 10" duraluminum turntable, with extra-heavy rim for smooth, flywheel action; lathe-turned for perfect balance and rides on thrust bearing

- Single-knob speed control, with stops between speed settings
- Rim-drive; idler driven directly by motor shaft capstan
- Large heavy-duty 4-pole custom induction motor
- Extremely low noise, rumble, wow and flutter
- Magnetic brake for $\pm 7\%$ variation of each speed; allows exact speed adjustment as well as variation of musical pitch by a half-tone or more, as may be desired
- All 4-speeds: 78, 45, 33-1/3 and 16-2/3 RPM
- $9\frac{1}{2}"$ turntable diameter
- Rubber turntable mat
- Idler automatically disengages in "off" positions
- Aluminum stroboscope disc, supplied, for exact-speed adjustment
- Size: $11\frac{1}{4}"$ w \times $10\frac{1}{2}"$ d; $1\frac{1}{2}"$ above motorboard and $3\frac{1}{2}"$ below
- Power: 105-130 volts, 60 cps AC
- Supplied with 45 rpm adapter
- Shpg. wt., 10 lbs.

LAFAYETTE PK-180—4-Speed Turntable Net **28.50**

MODEL PK-192—Unfinished mounting board, cut for PK-180 Turntable and 12" tone arm. Strong, durable $\frac{3}{8}"$ gumwood, ready to stain or paint. Net **.95**

MODEL PK-191—Wood base, cut for the Model PK-180 Turntable and 12" tone arm. Top quality veneer attractively finished in mahogany or blonde (Specify). Shpg. wt., 5 lbs. Net **3.95**

LAFAYETTE SPECIAL-VALUE COMBINATION

- Model PK-180 Turntable with Model PK-90 — 12" viscous-damped tone arm and New GE VR11 Series "Triple-Play" Cartridge Model 4G-052 with genuine GE diamond and sapphire styli. **SPECIAL! Net 52.50**

FOR BASES FOR THESE TURNTABLES, SEE NEXT PAGE →



PK-300



PK-225

TOP INTERIOR VIEW OF LAFAYETTE'S HYSTERESIS-SYNCHRONOUS MOTOR

High Permeability Rotor Magnet
Hollow construction for heat dissipation
Integral rotor cooling fins
16 magnetic cores
Self-aligning oilite sleeve bearings



PK-180

NATIONALLY FAMOUS HI-FI TURNTABLES

REK-O-KUT TRANSCRIPTION TURNTABLES



MODEL B-12H RONDINE DELUXE

12" Rondine Deluxe Series

MODEL B-12H — With hysteresis-synchronous self-lubricating motor for the lowest possible wow and flutter; free from rumble. Extra heavy turntable rim, aluminum casting. Noise level 55 db below average recording level. 3-speeds [33-1/3, 45, 78 rpm] with single speed-selector knob; "off" position between speed positions. Retractable 45-rpm hub. Stroboscope disc, permanently attached. Compensation adjustment for slight speed variation. Neon bulb pilot light. Cross-ribbed cast aluminum chassis deck. Gun-metal gray finish. Size 13 3/4" x 14"; clearance required above deck 1 1/2", below deck 6 1/2". Shpg. wt., 19 lbs.

REK-O-KUT B-12H — With hysteresis-synchronous motor Net **129.95**

REK-O-KUT B12 Similar to B-12H but with 4-pole induction motor Net **84.95**

RONDINE JR. MODELS L-34, L-37

12" Rondine Jr. Series

MODEL L-34 — 2-speed turntable for high-fidelity use. Turntable is internally rim-driven, of heavy cast-aluminum alloy, lathe-turned for precision balance. Noise level 40 db below average recording level. Wow \pm 0.25%. Special 4-pole induction motor. Single knob speed selector, with "off" position between speeds. Permanently-attached stroboscope disc for checking speeds. Built-in, retractable hub for 45 rpm records. Heavy gauge steel deck. Hammerstone gray finish. For 110-120 volts, 60 cps AC. Size 12" x 15"; height above deck 1 3/8"; depth below deck 5". Shpg. wt., 15 lbs.

REK-O-KUT L-34 — For 33-1/3 and 45 rpm. Net **59.95**

REK-O-KUT L-37 — Same as L-34 but for 33-1/3 and 78 rpm. No 45 rpm hub. Net **59.95**

MODEL B-16H

BOGEN VARIABLE SPEED HIGH FIDELITY TURNTABLES



Model B50-16 B50-16

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, 1 1/4" diameter. "Wow" less than 0.5%; negligible rumble. "Feather-drop" action of pickup arm prevents damage to stylus or record. Adjustable stylus pressure. Equipped with a plug-in head. Supplied with vibration isolators. For 95-125 volts, 60 cps AC. Mounting space 15" x 11 7/8"; 2 3/4" above and 1 7/8" below mounting board. Shpg. wt., 17 lbs.

BOGEN B50-16 — With wide-range crystal cartridge and dual sapphire styli Net **42.00**

BOGEN B50-16X — With GE variable reluctance "triple-play" cartridge and dual sapphire styli Net **48.95**

BOGEN B50-16XD — With GE "triple-play" cartridge with diamond LP and sapphire 78 rpm styli Net **59.75**

BOGEN B50-16LC — Less cartridge Net **40.40**

BOGEN P85 — Woodbase for above players, 16" x 13" x 2". Shpg. wt., 5 lbs. Net **4.80**

Model B20

4-speed manual player for discs up to 12". Each speed variable \pm 5%. 4-pole motor. Automatic shut-off. Universal plug-in head. Mounting space 13" x 10"; 2 1/2" above and 2 1/2" below motor board. For 115 volts, 60 cps AC. Shpg. wt., 12 lbs.

BOGEN B20 — With crystal hi-fi cartridge, dual sapphire styli Net **31.55**

BOGEN B20-X — With GE variable reluctance "triple-play" cartridge and dual sapphire styli Net **38.95**

BOGEN B20-XD — With GE cartridge with diamond LP and sapphire 78 rpm styli Net **49.30**

BOGEN B20-LC — Less Cartridge Net **29.95**

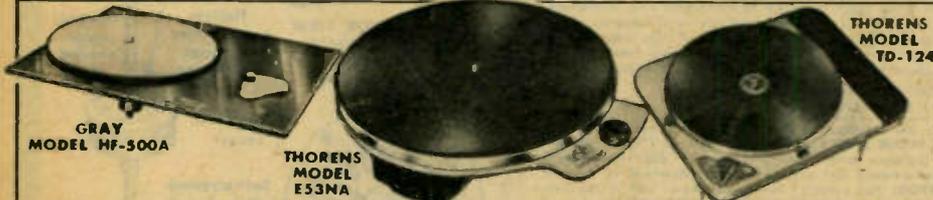
BOGEN P80 — Wood base for above players, 13 1/4" x 10 1/2" x 2 1/2". Shpg. wt., 5 lbs. Net **4.80**

REK-O-KUT B-16H PROFESSIONAL 16" TURNTABLE

For the finest professional performance. Precision lathe-turned balanced cast aluminum turntable, with extra-heavy rim for flywheel action. Turntable diam. 15 3/4". Internally rim-driven. Single-ball pivot. Acoustically-damped construction. Rumble, wow and flutter well within NARTB standards. 3-speed [33-1/3, 45, 78 rpm] with retractable 45 rpm hub. Noise level 50 db below

average recording level. Custom-built hysteresis-synchronous motor, self-lubricating. Permanent strobe disc. Chassis deck radial-ribbed cast aluminum. Size 18 3/4" x 20"; height above deck 1 1/2", below deck 6 1/2". Gray wrinkle finish. Shpg. wt., 30 lbs.

REK-O-KUT B-16H — With hysteresis-synchronous motor Net **250.00**



GRAY MODEL HF-500A

THORENS MODEL E53NA

THORENS MODEL TD-124

GRAY HIGH FIDELITY TURNTABLE

Eliminates noise, "wow", "flutter", "rumble" by means of extremely heavy, rugged construction (approximately 42 lbs.) which absorbs outside vibrations; heavy turntable with extra-long tapered steel bearing; direct contact between motor shaft and external turntable rim, eliminating idlers; and precision-balanced motor weighing only 4 lbs. Handles up to 16" transcriptions and all 3 standard speeds. Neoprene and cork turntable surface. Available with hysteresis-type synchronous motor or 4-pole induction motor. For 110-120 volts, 60 cps AC. 16" x 20". Shpg. wt., 39 lbs.

GRAY MODEL HF-500A — Mechanism only, with hysteresis-synchronous motor Net **119.50**

GRAY MODEL HF-400 — As above, with 4-pole induction motor Net **89.00**

GRAY MODEL HF-503 — DuPont Fabrilite-covered cabinet far above mechanism, in pebbled gray, red, green or yellow. Please specify. 16" x 20" x 6 1/2". Shpg. wt. 3 lbs. Net **20.00**

GRAY MODEL HF-504 — Cabinet, as above. Mahogany, Walnut or Blonde wood finish. Please specify. Net **27.50**

THORENS SWISS-CRAFTED PLAYERS

Model E-53NA Transcription Turntable — Equipped with massive, direct drive, 3-speed motor. Noise level at least 48 db below average recording level. 12" aluminum turntable, machined and balanced to eliminate distortion. Cast-iron frame, mechanical filter and flyball governor for minimum rumble, wow and flutter. Manual on-off switch. Single speed control. Less AC line cord. For 100-250 volts, 50/60 cps AC. Shpg. wt., 12 1/2 lbs.

THORENS E-53NA — Transcription Turntable Net **58.75**

Model TD-124 Transcription Turntable — Engineered to meet the most critical broadcast standards. Incorporates all newest features; 4-speed, each speed adjustable with new eddy-current brake. Built-in stroboscope complete with neon bulb. 1 1/2" lbs. cast-iron and aluminum turntable. 4 precision-machined levelling knobs and built-in spirit level. Cueing clutch. Single central knob. Extremely low noise level, wow, flutter, rumble. New-design induction type rpf-isolated drive motor. 15 1/2" x 12 7/8"; depth 2 3/4". Shpg. wt., 32 lbs.

THORENS TD-124 — Transcription Turntable Net **97.75**

H. H. SCOTT 710-A TURNTABLE



SCOTT MODEL 710-A

Radically new design isolates turntable from external vibrations. Pushbutton selection of 33-1/3, 45 or 78 rpm speeds; each speed variable \pm 5%. Built-in expanded-scale optical stroboscope. Motor rumble 60 db below recording level. Wow and flutter less than 0.1% of rated speed. Precision nylon helical drive gear and steel worm housed in permanently oil-filled transmission. Torsional and mechanical filtering to reduce vibration. Heavy-duty balanced induction motor, with extremely low external hum field. Special cueing clutch. Special precision-honed sintered bronze permanently lubricated bearings throughout. Size 16 7/8" x 14 1/2". Overall height 7 1/2". Power consumption 55-watts. For 105-125 volts, 60 cps AC. Shpg. wt., 24 lbs.

SCOTT 710A — 12" turntable, less base Net **139.95**

SCOTT 710-X1 — Mahogany-finish mounting base for above. Shpg. wt., 3 lbs. Net **14.95**

NEW FAIRCHILD TURNTABLES



FAIRCHILD MODEL 412-A

MODEL 412-1 — Single speed, 33-1/3 rpm basic unit. Time-proven belt drive, self-lubricating hysteresis synchronous motor, balanced 15 lb. turntable. Ball-thrust bearing in nylon seat. Main shaft micro-honed, runs in polished babbit. Vibrationless motor suspension system. Acoustically silent — exceeds NARTB specs by 3 to 1 margin. Requires mounting board 16" wide, cutout 13 1/4" x 8"; 6" clearance below board. For 110-120 volts, 60 cps AC. Shpg. wt., 28 lbs.

FAIRCHILD 412-1 — Transcription Turntable Net **99.50**

FAIRCHILD 412-4 — 4-speed model, as above, with new Electronic Drive variable frequency power supply. Speeds adjustable \pm 3%. For 50/60 cps, 110-120 volts AC. Draws 160 watts. Shpg. wt., 45 lbs. Net **186.50**

FAIRCHILD 412-ED — Electronic Drive. Converts 412-1 to 4-speed model. Accurate frequency generator and amplifier. Uses 3-128M7A and 2-25DQ6. Size 4 1/2" x 7 1/2" x 12 1/2". Shpg. wt., 15 lbs. Net **94.00**

PRESTO "Pirouette" TURNTABLES



Presto Model T-18

3-speeds: 33-1/3, 45, 78.26 rpm. 3 idlers, single central knob; "off" positions between speeds. Idlers disengaged in "off". Cast aluminum, heavy, machined turntable. Noise level — 47 db [— 55 db with hysteresis motor]. Wow and flutter less than 0.2% [0.15% with hysteresis motor]. For 115 volts, 60 cps AC.

Presto Model T-16 — As above, with 4-pole induction motor, 1 7/8" diameter, 4 1/2 lbs. turntable. Size 11 3/8" x 14 1/4"; 2 1/2" above base, 3 3/4" below. With retractable 45 rpm spindle. Shpg. wt., 16 lbs. Net **75.00**

Presto Model T-18H — As above, with hysteresis motor, 5 1/4" depth below base. Shpg. wt., 15 lbs. Net **131.00**

Presto Model T-68 — As above, with 4-pole induction motor, Turntable 7 lbs., 15 3/4" diam. With special rubber mat for cueing and separate 45 rpm adaptor disc. Shpg. wt., 19 lbs. Net **99.00**

Presto Model T-68H — As above, with hysteresis motor Net **170.00**

HI-FI ACCESSORIES and SPEAKER SPECIALTIES

DELUXE WOODBASES AND MOUNTING BOARDS FOR TRANSCRIPTION TURNTABLES



- INDIVIDUAL ADJUSTABLE FEET FOR ACCURATE LEVELING
- FREE-FLOATING FOAM RUBBER MOUNTED MOTOR BOARD
- ATTRACTIVE CUSTOM CABINETMAKERS FINISHES
- FINEST SELECTED HARDWOOD VENEERS

These substantial woodbases are deluxe units which are made of the finest selected hardwood veneers by skilled craftsmen. All have firmly secured mitered corners. The four bumper feet are individually adjustable for accurate leveling. The free-floating mounting board is foam rubber mounted, and the top has a finish matching the wood base. Available in five attractive cabinetmaker finishes. The mounting board is pre-cut to accommodate PK-300 or PK-225, and is also supplied uncut for any popular make of turntable. The elegant styling and finish add beauty to any high-fidelity installation.



FOR 12" TONE ARMS

For installations using a turntable and 12" tone arm mounted on woodbase. Overall size 20" w x 16" d x 5 3/4" h. Shpg. wt., 13 lbs.

CUT OUT FOR PK-300	CUT OUT FOR PK-225	Net
PK-195—Mahogany	PK-201—Mahogany	14.95
PK-196—Blonde	PK-202—Blonde	
PK-197—Ebony	PK-203—Ebony	
PK-198—Walnut	PK-204—Walnut	
PK-199—Fruitwood	PK-205—Fruitwood	
PK-124—Same as above except supplied uncut for mounting other makes of turntables. Specify finish.		Net 14.95
PK-206—Pre-cut unfinished mounting board for PK-300 turntable. 19" w x 15" d x 3/8". Smoothly sanded for easy finishing. Shpg. wt., 3 lbs.		Net 1.95
PK-207—Pre-cut unfinished mounting board as above for PK-225 turntable. Shpg. wt., 3 lbs.		Net 1.95

FOR 16" TONE ARMS

For installations using a turntable and 16" tone arm mounted on woodbase. Overall size 22" w x 16 3/4" d x 5 3/4" h. Shpg. wt., 15 lbs.

CUT OUT FOR PK-300	CUT OUT FOR PK-225	Net
PK-175—Mahogany	PK-181—Mahogany	15.95
PK-176—Blonde	PK-182—Blonde	
PK-177—Ebony	PK-183—Ebony	
PK-178—Walnut	PK-184—Walnut	
PK-179—Fruitwood	PK-185—Fruitwood	
PK-186—Same as above except supplied uncut for mounting other makes of turntables. Specify finish.		Net 15.95
PK-187—Pre-cut unfinished mounting board for PK-300 turntable. 21" w x 15 3/4" d x 3/8". Smoothly sanded for easy finishing. Shpg. wt., 3 lbs.		Net 1.95
PK-188—Pre-cut unfinished mounting board as above for PK-225 turntable. Shpg. wt., 3 lbs.		Net 1.95



PLASTIC GRILLE CLOTH

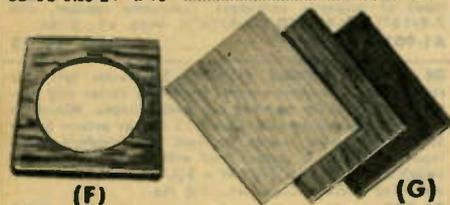
Choice selection of latest patterns and beautiful colors. Acousti-cloth is made of finest quality vinyl plastic woven with proper mesh for passage of high frequencies as well as laws. 36" wide. Sold only in 1 yd. lengths. Shpg. wt., 8 oz.

SG-10 (Fig. A.) Mahogany with gold stripes.	PER YARD 2.60
SG-11 (Fig. A.) Blonde with mahogany stripes.	
SG-12 (None.) Gold mesh.	PER YARD 3.75
SG-13 (Fig. B.) Black with gold cabweb.	
SG-14 (Fig. B.) Mahogany with gold cabweb.	
SG-15 (Fig. C.) Copper with shaded squares.	

TEXTILE GRILLE CLOTH

Standard speaker grille cloth in mahogany background with gold motif design. Shpg. wt., 4 oz.

SB-37 Size 12" x 12"	Net .41
SB-38 Size 24" x 13"	Net .79



SPEAKER REDUCING BOARDS (F)

Enables mounting of smaller speakers in oversize enclosures. Boards are sturdy 3/4" plywood, pre-cut 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

FIBRE-GLASS ACOUSTIC INSULATION

Excellent sound absorbing material. For lining interiors of speaker cabinets, consoles, phonos, TV, etc. Damps medium and high frequency reverberation and distortion. Suitable for many other insulation purposes, 9 square feet, 1" thick with glue and applicator. Shpg. wt., 1 lb.

SB-40	Net 1.49
DELUXE BASS REFLEX KIT: 20 square feet, 16" x 16" x 1". Bonded fibre-glass. Shpg. wt., 2 lbs.	
SB-55	Net 2.70

PANDAMUS GRILLE CLOTH (D.)

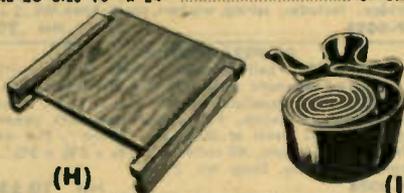
A highly attractive natural color straw fabric grille cloth that is ideal for many types of decor. 27" wide. Supplied only in 1 yd. lengths. Shpg. wt., 8 oz.

SG-16 **Net per yard 1.55**

WALSCO ORNAMENTAL GRILLE (E)

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 12" x 18"	Net 1.76
ML-23 Size 18" x 24"	Net 3.23



FINISHED PLYWOOD PANELS (G)

Blank panels of highly-finished veneer. Can be cut to suit your custom requirements. Size: 16" x 18" x 1/4" thick. Shpg. wt., 2 1/4 lbs.

SB-21 Mahogany Finish	Net Each 2.25
SB-22 Blonde Finish	
SB-23 Walnut Finish	

REMOVABLE SLIDEBOARDS WITH RUNNERS (H)

Practical mounting boards for built-in HI-FI equipment. The boards slide out of wood runners for easy removal of mounted units. Board size: 18" x 12" x 1/2" thick. 2-1/2" runners. Requires 1 7/8" mounting width. Can be easily cut to narrower width or depth. Brown stain finish. Shpg. wt., 3 lbs.

SB-20	Net 1.50
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TUFFLEX SOUND INSULATION (I)

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
1" TUFFLEX. Double the thickness of above. Supplied only in 12" x 18" sheets.		
SB-29	Per sheet	Net .39

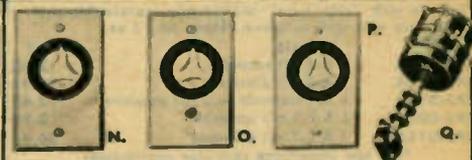


Fig. N. VOLUME CONTROL ON WALL PLATE.

Constant impedance T-pad on brass wall plate. Mounts in wall or cabinet. Fits std. outlet box. 4-watts continuous, 15-watts peak audio. Milled knob and escutcheon. Size: 4 1/2" H x 2 3/4" W x 2" D.

MS-322	8 ohms	Net 9.75
MS-323	16 ohms	Net 9.75

Fig. O. VOLUME CONTROL WITH JACK ON WALL PLATE.

As above, but has phone jack on plate. Used for phone plug equipped headphones or external speaker. Automatic switching disconnects main speaker if desired.

MS-324	8 ohms	Net 10.75
MS-325	16 ohms	Net 10.75

Fig. P. MULTI-SPEAKER SELECTOR SWITCH

Used to select a combination of any three speakers. Only 3 amplifier leads are necessary. Impedance match is preserved when all three speakers have the same impedance. Fits std. 2" deep wall box. Brass plate. Size: 4 1/2" H x 2 3/4" W x 1 1/2" D.

MS-326		Net 5.95
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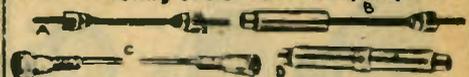
Fig. Q. EXTENSION SPEAKER VOLUME CONTROL

Varies volume at individual speakers without affecting volume of other speakers in multiple-installations. Can also serve as high frequency and medium range balance control in 2 and 3-way speaker systems. 15-watts peak audio T-pad. 2" shafts. With bar knob, dial plate and instructions. Avg. shpg. wt., 7 oz.

MALLORY T-8	8 ohm	Net 2.50
MALLORY T-15	15 ohm	Net 2.50

HI-FI JUMPER CABLES

Interconnecting cables for Phono, amps, etc.



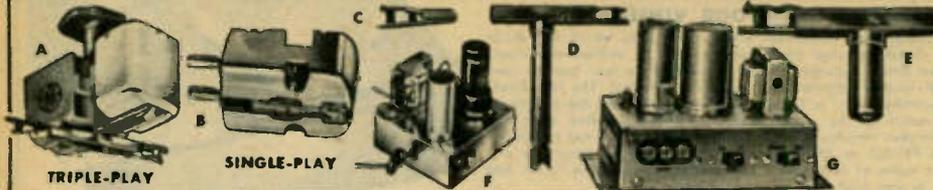
TYPE A	TYPE C	
MALE PHONO PLUGS BOTH ENDS	MICROPHONE EXTENSION STANDARD MALE ONE END, FEMALE OTHER END	
MS-89 24" LONG	59c	
MS-90 36" LONG	65c	
TYPE B	EXTENSION FOR ABOVE. MALE PHONO PLUG ONE END, FEMALE JACK OTHER END	
MS-91 18" LONG	70c	
MS-92 24" LONG	72c	
MS-93 36" LONG	78c	
TYPE D	FEED THRU. ACCEPTS MALE PHONO PLUG AT BOTH ENDS	
	MS-94 12 FT. LONG	1.95
	MS-95 24 FT. LONG	3.15
	MS-96 NET	53c



HIGH FIDELITY PHONO COMPONENTS

NEW!

GENERAL ELECTRIC VR II SERIES VARIABLE RELUCTANCE CARTRIDGES



GE REPLACEMENT STYLI FOR ALL MODELS

"CLIP-IN-TIP" STYLI FOR VR II SERIES (C)

Replacement for individual stylus tips on either "triple-play" or "single-play" models of the VR II Series only — NOT FOR RPX TYPE A SERIES. Shpg. wt., 2 oz.

TYPE	STYLUS	NET
4G-01S	1 mil sapphire	1.96
4G-02S*	2.5 mil sapphire	1.96
4G-03S	3 mil sapphire	1.96
4G-01D	1 mil diamond	12.00
4G-02D*	2.5 mil diamond	12.00
4G-03D	3 mil diamond	12.00

*For low impedance cartridge applications.

DUAL STYLUS ASSEMBLIES (D)

Convert old-style RPX-050, RPX-052, RPX-053, RPX-047 for use with "clip-in-tip" individually replaceable styli. Complete with stylus as shown. Shpg. wt., 2 oz.

TYPE	STYLUS	NET
RPJ-010A	1 & 3 mil sapphire	3.50
RPJ-012A	1 & 3 mil diamond	24.45
RPJ-013A	1 mil diamond — 3 mil sapphire	13.47
RPJ-007A*	1 & 2.5 mil sapphire	3.50
RPJ-011A*	1 & 2.5 mil diamond	24.45

*For low impedance cartridge applications.

"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 — RPJ-010A, -012A, -013A, -007A, -011A. Old stylus tip slides out, new one slides in.

TYPE	STYLUS	NET
RPJ-01D	1 mil diamond	12.00
RPJ-02D*	2.5 mil diamond	12.00
RPJ-03D	3 mil diamond	12.00
RPJ-01S	1 mil sapphire	1.96
RPJ-02S*	2.5 mil sapphire	1.96
RPJ-03S	3 mil sapphire	1.96

*For low impedance cartridge applications.

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") stylus. These cartridges are not convertible to "clip-in-tip". Shpg. wt., 2 oz.

TYPE	STYLUS	NET
RPJ-004	1 mil diamond	12.49
RPJ-002*	2.5 mil diamond	12.49
RPJ-003	3 mil diamond	12.49
RPJ-005	1 mil sapphire	2.06
RPJ-006*	2.5 mil sapphire	2.06
RPJ-001	3 mil sapphire	2.06

*For low impedance cartridge applications.

The VR II SERIES cartridges are successors to the famous General Electric RPX series variable reluctance cartridges, with a number of improved features. Will fit wherever old RPX cartridges were used. All VR II Series cartridges require the use of a preamplifier. SPECIFICATIONS: Frequency Response — 20-20,000 cps; Tracking Pressure — (with professional tone arms, such as GE A1-500 or A1-501) 4 grams — (with record changers) 6-8 grams; Equalization—6200 ohms for RIAA—47,000 ohms load for flat response; Output — 22 millivolts nominal at 10 cm./sec.; Compliance 1.7×10^{-6} cm./dyne; Mounting — either 1/2" standard or 7/16"; Terminals: Plug-in design. OTHER FEATURES: New "Slim Look"; Independently replaceable Clip-In-Tip styli; Famous GE precision-ground diamonds and sapphires (some sapphires are synthetic); Unaffected by temperature and moisture; Mu-metal shielding and special anti-hum coils; No response to vertical motion.

"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 stylus 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" styli. Shpg. wt., 6 oz.

TYPE	STYLUS	NET
4G-050	1 & 3 mil sapphire	8.77
4G-052	1 mil diamond—3 mil sapphire	18.94
4G-053	1 & 3 mil diamond	29.92

"SINGLE-PLAY" CARTRIDGES (B) Single-stylus variable-reluctance cartridges with replaceable "clip-in-tip" sapphire or diamond styli; 1 mil (.001") microgroove and 3 mil (.003") standard 78 rpm types. Shpg. wt., 6 oz.

TYPE	STYLUS	NET
4G-040	3 mil sapphire	6.42
4G-041	1 mil sapphire	6.42
4G-063	3 mil diamond	17.18
4G-061	1 mil diamond	17.18

Replacement Parts Kit, for VR II Series Triple Play cartridge. Includes, spring, washers, plastic knob. Wt. 2 oz. RKP-0098 Net .29

GE PREAMPLIFIERS

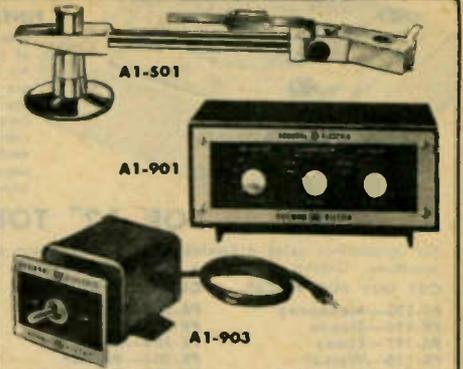
(F) UPX-003B — Self-powered preamp for use with GE or similar magnetic cartridges and low level inputs. Has 6SC7 tube in equalizing circuit, plus rectifier, input jack, mike-phon switch, 14" output lead with phono plug. 18db bass boost at 50cps on "Phono". Flat on "Mike". For 117 volts, 60 cycles AC. 3 3/4" x 3 3/4". Complete with tube. Shpg. wt., 2 lbs.

UPX-003B Net 10.55

(G) A1-203 TRANSISTOR-TUBE PREAMPLIFIER — Preamplifier-equalizer for magnetic cartridges using 2N168 transistor and 12AX7 tube. RIAA compensation built-in. Operates on 105-125V. 50-60 cycles AC. 4 watts. Size 3 1/2" x 3 3/4" x 6". Shpg. wt., 3 1/2 lbs.

A1-203 Net 21.51

GENERAL ELECTRIC PHONO ACCESSORIES



GE "BATON" PROFESSIONAL TRANSCRIPTION TONE ARM A1-501 — For up to 16" transcriptions. Aluminum, with minimum lateral and vertical inertia. Precision ball bearing system; vertical and lateral ball bearing races. Excellent tracking, even on eccentric or warped records. Adjustable cartridge pressure by means of sliding weight; pressure shown in grams directly on calibrated scale. No audible resonances. Height adjustable up to 2". Requires A1-504 Adaptor for new GE VR II Series cartridges. Dimensions 14 1/8" long. Shpg. wt., 2 lbs. A1-501 Net 28.91

GE "BATON" TONE ARM A1-500 — Same as A1-501 but 10 1/2" long for up to 12" records. Shpg. wt. 1 1/2 lbs. A1-500 Net 26.95

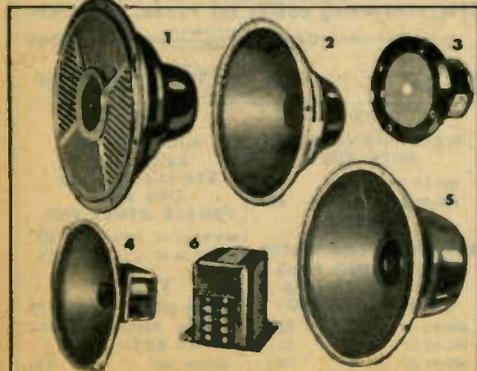
A1-504 ADAPTOR — for mounting new GE VR II Series cartridges in A1-500 or A1-501 "Baton" tone arms. Wt. of VR II cartridge plus adaptor equals wt. of RPX-series cartridge. Net .73

RKP-012 TONE ARM SLIDE KIT — For slide-in insertion of GE and other popular cartridges, with above GE tone arms, without arm disassembly. Net 1.91

G.E. A1-901 RECORD FILTER AND COMPENSATOR Improve your hi-fidelity performance. Three independent filter controls combine to filter all undesirable noise, and to correct tonal balance for every record. 14 separate frequency adjustments. Lo-cut-off control with 4 adjustments for suppression of turntable rumble, vibration, etc.. Hi-cut-off control with 4 adjustments for suppression of record scratch and high frequency distortion; compensator control with six adjustments for most widely used recording curves. Connects between cartridge and preamp. Far use with systems using G.E. or similar types of magnetic cartridges. Handsome cabinet, size 7-9/16" L x 3-9/16" D x 3-9/16" H. Shpg. wt., 5 lbs. A1-901 Net 19.55

GE A1-903 RUMBLE FILTER — Suppresses turntable rumble and unwanted signals below 50 cycles and protects speaker from harmful sub-audio surges. Minimizes low frequency distortion. Cutoff 12 db per octave below 50 cps. No power supply required. Has standard phono input jack and 19" output lead with phono plug, on-off switch. Size: 2" H x 2 3/4" W x 3 1/2" D, with convenient mounting bracket. Shpg. wt., 1 1/2 lbs. A1-903 Net 8.33

GENERAL ELECTRIC HI-FI SPEAKERS



(1) GE A1-401 GOLDEN CO-AX 12" woofer, 2 3/4" tweeter, built-in crossover at 1500 cps. 25 watts, 8 ohm voice coil. Response 40-15,000 cps. in enclosure. Magnet only; woofer — 14.5 oz., tweeter — 6.8 oz. Carefully designed and made slotted plate reduces interference between woofer and tweeter for smoother crossover. Rich gold finish. The finest speaker mfd. by General Electric. Overall size 12 1/2" diam. x 4 1/4" deep. Shpg. wt., 9 1/2 lbs. A1-401 Net 48.75

(2) GE 1201A EXTENDED RANGE 12", 25 watt. Successor to popular S-1201-D Response 50-13,000 cps. 14.5 oz. magnet, 8 ohm voice coil, 1 1/4" inch diam. aluminum voice coil unaffected by temperature or humidity. Remarkably smooth response over entire range, excellent for moderate-cost hi-fi systems. Shpg. wt., 7 lbs. 1201A Net 23.27

GE 1203A EXTENDED RANGE: (Not illustrated). Same as 1201A but with 9 oz. magnet. Shpg. wt., 6 lbs. 1203A Net 17.39

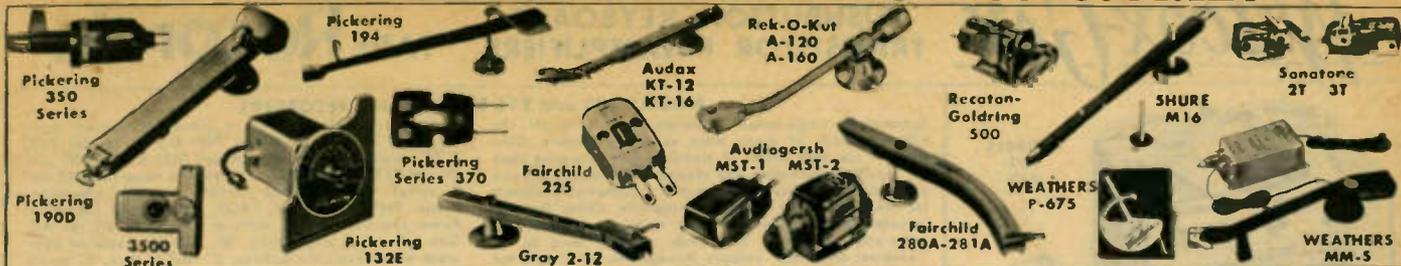
(3) GE A1-404 TWEETER Wide dispersion angle (100° vertical and horizontal). Response 1500-15,000 cps. 6.8 oz. magnet, 2 3/4" diam. x 4 3/4" deep. 8 ohms. 25 watts. Aluminum voice coil. Ideal high-frequency speaker for use with A1-404 woofer in 2-way system — no separate crossover network needed. Shpg. wt., 2 1/2 lbs. A1-404 Net 18.57

(5) GE A1-403 WOOFER Designed to match A1-404 Tweeter or for any 2-3 way system. Electro-mechanical crossover of 1500cps. Rating 25 watts, instantaneous peak of 50 watts. 14 1/2" oz. magnet, 8 ohm aluminum voice coil. Response 40-1500 cps. Size 12 1/2" diam. x 7" deep. Shpg. wt., 7 lbs. A1-403 Net 29.35

(4) GE 850-D EXTENDED RANGE 8", with 6.8 oz. magnet and aluminum voice coil. 50 to 12,000 cps. 15 watts. Ideal for small cabinet systems or for combination paging and music industrial p.o. systems. Shpg. wt., 3 lbs. 850-D Net 10.73

(6) A1-421 CROSSOVER NETWORK 1500-cycle crossover operating from 8-ohm amplifier output impedance into 8-ohm woofer and 8-ohm tweeter. Power output 25 watts. Size: 6 x 4 x 4". Shpg. wt., 3 lbs. A1-421 Net 13.67

HI-FI TONE ARMS • CARTRIDGES • ACCESSORIES



PICKERING

NEW SERIES 370 SINGLE-STYLUS "FLUXVALVE"

New single-stylus version of famous Pickering Fluxvalve. Uses 3500-series "T-guard" styli, replaceable by simple slide-in. Response 10-30,000 cps \pm 2 db; load for flat response 27,000 ohms; output 25 millivolts at 1000 cps with stylus velocity of 10 cm/sec.; DC resistance 2700 ohms; inductance 325 millihenry; tracking pressure 2 to 6 grams weight 9 gms with mounting hardware. Available with 1/2 mil (.0005"), 1 mil (.001") and 2.7 mil (.0027") styli.

MODEL	STYLUS	NET
370-1D	1 mil diamond	29.85
370-1S	1 mil sapphire	17.85
370-2D	2.7 mil diamond	29.85
370-2S	2.7 mil sapphire	17.85
370-.5D	1/2 mil diamond	35.85

350 SERIES

DUAL-STYLUS "FLUXVALVE"

Famous the world over. Patented principle provides excellent tracking characteristics with low stylus force (2 to 6 grams) and very wide range response. Uses 1 or 2 replaceable "T-guard" 3500-series styli. Turnover type. DC resistance 3600 ohms. Response 10 to 30,000 cps \pm 2 db; anti-hum design; no audible resonances; extremely low distortion; excellent transient response; hermetically sealed; 1000 cps output 15 mv.; recommended load 27,000 ohms; weight 10 grams.

MODEL	STYLUS	NET
350 SO	1 mil OR	
(Single Stylus)	2.7 mil sapphire	24.00
350 DO	1 mil OR	
(Single Stylus)	2.7 mil diamond	36.00
350.5 DO	1/2 mil diamond	42.00
(Single Stylus)		
350 DS	1 mil diamond and 2.7 mil sapphire	42.00
350.5 DS	1/2 mil diamond and 2.7 mil sapphire	48.00
350 DD	1 mil and 2.7 mil diamond OR 2.1 mil diamonds OR 2.2.7 mil diamonds	54.00
350D.5D	1 mil and 1/2 mil diamonds; OR 2.7 mil and 1/2 mil diamonds	60.00

RECOTON

RECOTON-GOLDRING MAGNETIC TURNOVER CARTRIDGES

Famous 500-Series. Features push-pull coil arrangement which cancels out hum field pickup. Operates on variable reluctance principle. Unsurpassed high compliance and low mass-ideal stylus pressure 6 to 7 gm. but can track at 3 gm. with transcription tone arms. Standard 1/2" mounting centers. Virtually flat response 20 to 16,000 cps at 33-1/3 rpm. Recommended load 47,000 ohms. Output 10 millivolts. 3/4 oz. easily replaceable. Weight less than 1/2 oz. with mtg. bracket. Available with mu-metal shielding as the Model 555.

MODEL	STYLUS	NET
500SS	dual sapphire	9.70
500SD	diamond sapphire	18.35
500DD	dual diamond	34.16
555SDM	diamond-sapphire	25.81

REPLACEMENT STYLI

For 500-Series cartridges.

MODEL	STYLUS	NET
398	3 mil sapphire	1.71
398D	3 mil diamond	12.25
399	1 mil sapphire	1.71
399D	1 mil diamond	12.25

PICKERING 3500 SERIES "T-GUARD" STYLI

For simple, slide-in replacement in 350-series and 370-series cartridges and the 194 pickup-arms.

MODEL	STYLUS	NET
S-3510	1 mil sapphire	6.00
S-3527	2.7 mil sapphire	6.00
D-3510	1 mil diamond	18.00
D-3527	2.7 mil diamond	18.00
D-3505	1/2 mil diamond	24.00

NEW FLUXVALVE — UNIPOISE PICKUP-ARM

A lightweight tone arm with single friction-free pivot bearing for distortionless tracking. Includes Fluxvalve turnover pickup as an integral, non-removable, part of the assembly. Styli are replaceable. Output of cartridge at 1000 cps with stylus velocity of 10 cm/sec is 15 mv. \pm 2 db. Recommended load for flat response 27,000 ohms. DC resistance 3500 ohms (approx.); inductance 300 mh (approx.). Recommended tracking force with 1/2 mil stylus; 2 gm.; with 1 mil stylus; 4 gm.; with 2.7 mil stylus; 6 gm. Frequency response 10-30,000 cps. Wt. 7 oz. Overall dimensions 1 1/4" L x 2 1/4" W x 3" above motor board.

Pickering 194D — Arm with 1 mil or 2.7 mil diamond stylus Net \$9.85
Pickering 194.5D — Arm with 1/2 mil diamond stylus Net 65.85

PICKERING MODEL 190D 16" TONE ARM

Minimum vertical mass — plays badly warped records as easily as flat ones. Statically balanced about vertical axis — will not jump grooves when bumped or jarred. Tracking error less than \pm 2 1/2 degrees. Rugged bearings, minimum pivot friction. No spurious air resonance. Sensitive tracking force adjustment. Height adjustable 1/2" to 2". Self-contained leveling screws. Plug-in cartridge holder.
Pickering 190D Net 31.50

PICKERING MODEL 132E RECORD COMPENSATOR

Permits proper equalization of all records played with high impedance magnetic cartridges. Standard phono socket and 20" cable with plug. 6 equalization settings. Size 1 1/2" square x 3 1/2" overall. Wt. 6 1/2 ozs.
Pickering 132E Net 12.00

AUDAK TONE ARM KITS

Professional-quality 12" and 16" compass-pivoted tone arms, duplicating the famous Audak transcription arms. Assembled in about 20 minutes — and result in approximately 50% saving in cost! "Selector-Index" for instant adjustment to any stylus pressure. Cartridge housing permits stylus-to-groove alignment at a glance. No springs. Aluminum arm. Provides complete stylus protection, minimum lateral or vertical friction. No spurious responses. Accommodates any cartridge. Complete with instructions. Shpg. wt., 2 1/2 lbs. NET

Audax KT-12 — 12" Tone Arm Kit 14.26
Audax KT-16 — 16" Tone Arm Kit 17.20
Audax PRO-12 — Factory-Assembled KT-12 23.52
Audax PRO-16 — Factory-Assembled KT-16 29.40

GRAY

"MICRO-BALANCED" TONE ARM NEW GRAY MODEL 2-12. Sealed DUAL viscous damping of vertical and horizontal pivots for maximum tracking stability; statically balanced around vertical pivot. For all popular cartridges. Stylus force adjustable 0 to 15 gms. Net 34.00

SONOTONE 2T CERAMIC CARTRIDGES

Feature flat frequency response without the use of special equalizing circuits. Immune to temperature and humidity conditions. No preamplifier required — output 0.5 volts. Response 30-15,000 cps \pm 3 db. Turnover type — only the needle turns, ensuring high compliance and easy replacement. Tracking force 8 gm. Universal mount for 1/2" or 3/8" mounting centers. Complete with 2 styli for all speeds. Cartridge weight 5.5 gm.

MODEL	STYLUS	NET
2T-S	dual sapphire	5.00
2T-SD	diamond-sapphire	12.94
2T-D	dual diamond	23.23

3T CERAMIC CARTRIDGES

Similar to 2T Series but with extended response of 20-15,000 cps with gradual roll-off to 20,000 cps. Superior compliance, tracking force 6 gm. Cartridge weight 12 gm.

MODEL	STYLUS	NET
3T-S	dual sapphire	8.53
3T-SD	diamond-sapphire	14.11
3T-D	dual diamond	24.99

REPLACEMENT STYLI

N-2T series for 2T cartridges; N-3T series for 3T cartridges.

MODEL	STYLUS	NET
N-2T-S	dual sapphire	2.06
N-2T-SD	diamond-sapphire	9.70
N-2T-D	dual diamond	18.82
N-3T-S	dual sapphire	2.35
N-3T-SD	diamond-sapphire	10.29
N-3T-D	dual diamond	19.99

REK-O-KUT TONE ARMS

These arms may be used on Rek-O-Kut or other high-quality turntables. Interchangeable aluminum plug-in heads for all standard cartridges. Tubular aluminum, with adjustable counterweight. Resonance 13-16 cps. Height adjustable. Excellent tracking and damping. Less cartridge. Shpg. wt., 1 1/2 lbs.

Rek-O-Kut A-120 — 12" Net 26.95
Rek-O-Kut A-160 — 16" Net 29.95
Rek-O-Kut PA-20 — Extra cartridge shell for either arm Net 4.95

WEATHERS FM PICKUP AND TONE ARM

A unique cartridge and viscous-damped arm combination operating on the principle of frequency modulation (FM). Tracks at 1 gram, causes no wear of records. Will track even badly warped or off-center records. Lowest distortion known. Needle pressure adjustable. Response flat 20 to 20,000 cps. Hum free — insensitive to magnetic fields. Output of oscillator several volts. Arm is made of lowest-mass wood.

WEATHERS MODEL MM-1 — Antique white tone arm, oscillator-power supply, cartridge with diamond LP stylus. Net 92.10

WEATHERS MODEL MM-5 — Ebony tone arm, oscillator-power supply, cartridge with sapphire LP stylus. Net 74.20

WEATHERS MODEL P-675 STYLUS FORCE GAUGE — A simple, accurate measure for balancing a phonograph pickup. Net 2.00

SHURE

DYNETIC REPRODUCER

New moving magnet cartridge and studio arm with distortionless, linear response. Tracks at 1-2 gm. Resonance-free, damped. SHURE MODEL M-16 — Tone arm assembly complete with cartridge and 0.7 mil diamond LP stylus. Net 77.91

FAIRCHILD "MICRADJUST" MAGNETIC CARTRIDGES

Famous 225 Series moving coil type with extremely linear wide-range response. Flat \pm 2 db 20 to 20,000 cps. Output 5 millivolts for 2.5" per second recorded velocity. Low nominal impedance of 200 ohms permits running long cable (up to 50') without significant attenuation or high frequency loss. DC resistance 195 ohms. Weight approx. 12 grams. Mounting dimensions RETMA standard 1/2" centers. Tracking force 4 to 8 grams. Rugged construction.

MODEL	STYLUS	NET
225A	1 mil diamond	37.50
225B	2.5 mil diamond	37.50

Model 235 Transformer

Provides 5 times voltage gain (25mv.) with 225 Series cartridges. Requires termination of 47,000 ohms. Not required for most modern preamps, but permits use of 225 Series with older preamps. Heavy mu-metal shielding against hum pickup. Standard phono jack and 30" lead with phono plug. 1" diam. x 2" long. Shpg. wt., 1 1/2 lbs.

Fairchild 235 — Transformer Net 11.95

TRANSCRIPTION TONE ARMS

Employ precision instrument pivots with smooth, low friction characteristics. Non-resonant within range of audibility. Canceled thumscrow stylus pressure adjustment. Will accept any standard magnetic cartridge. Slide-in, plug-in arrangement for easy cartridge interchangeability. No arm rest needed; has self-locking stop. Adjustable height. Excellent tracking. Shpg. wt., 6 lbs.

Fairchild 28DA — 12" Transcription Arm Net 37.50
Fairchild 281A — 16" Transcription Arm Net 39.95

AUDIOGERSH "MIRATWIN" MAGNETIC CARTRIDGES

Variable reluctance single and turnover cartridges with extremely wide response, low distortion and high output. Fit all standard tone arms and require stylus pressure of 5 to 8 grams. Tropicalized for resistance to temperature and humidity. Simple stylus replacement. Response \pm 2 db 30 to over 19,500 cps at 33 1/3 rpm; \pm 4 db to 22,500 cps at 78 rpm, under average home conditions. Output at 1000 cps 55 mv. for 33 1/3 rpm, 45 mv. at 78 rpm at a recorded velocity of 10cm/sec. MST-2 turnover consists of 2 MST-1's mounted back-to-back with each acting completely independently of the other. Shpg. wt., 4 oz.

SINGLE STYLUS TYPES

MODEL	STYLUS	NET
MST-1D	1 mil diamond	26.50
MST-1S	1 mil sapphire	10.00
MST-1DN	3 mil diamond	26.50
MST-1SN	3 mil sapphire	10.00

TURNOVER TYPES

MODEL	STYLUS	NET
MST-2D	1 mil diamond	
	3 mil sapphire	31.50
MST-2A	1 mil and 3 mil sapphire	15.00

AUDIOGERSH REPLACEMENT STYLI

For all "Miratwin" models.

MODEL	STYLUS	NET
DM-2	1 mil diamond	16.50
DN-2	3 mil diamond	16.50
SM-2	1 mil sapphire	3.00
SN-2	3 mil sapphire	3.00

SHIPPING WEIGHTS IN THIS CATALOG ARE APPROXIMATE

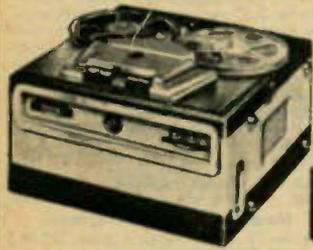
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MODELS
702-
712

MODELS 702 and 712 SINGLE SPEED RECORDERS
Economical single-speed recorders that have all the major features of many more expensive models. Dual track — use both edges of standard 1/4" recording tape for maximum recording and playing time. With exclusive original Wilcox-Gay "Prestomatic" pushbutton keyboard for the ultimate in operating simplicity. Other features include: For 3", 5" and 7" reels; transistor preamplifier; radio-phono-TV input jack (may also be used as an "external amplifier" output); microphone input; external speaker output jack; 2 recording level indicators — "Normal" and "Distort"; full range tone control; automatic positive erase; volume control; 3-watt amplifier output; fast wind (2 3/4 minutes for 1200' reel); record monitor switch for switching speaker on or off while re-

cording; record-lock button to prevent accidental erasure; wow and flutter (Model 702) 0.5%, (Model 712) 0.3%; frequency response (Model 702) 85 to 7000 cps. (Model 712) 85 to 8500 cps; signal-to-noise ratio 35 db. A socket is provided for remote start-stop operation. Tubes: 2N133 transistor, 6AQ5, 12AX7, 6X4 (rectifier). Power requirements 70 watts at 117 volts, 60 cps AC. Size 14" x 12" x 8". Shpg. Wt., 28 lbs. Supplied complete with crystal microphone, 3" reel of tape, 5" empty takeup reel, detachable AC line cord.
WILCOX-GAY MODEL 702 "THE STUDENT"
For 3 3/4" I.P.S. Net 74.96
WILCOX-GAY MODEL 712 "THE PREP"
For 7 1/2" I.P.S. Net 74.96



MODEL
732

MODEL 732 "THE COUNSELLOR" DUAL SPEED RECORDER
Dual speed, dual track recorder with bass- and treble-compensated volume control for boosting output at the low and high ends of the audio spectrum to compensate for human hearing characteristics. Features include: 4" x 6" Alnico 5 speaker; record-lock button to prevent accidental erasure; "Prestomatic" pushbutton keyboard; transistor preamplifier; tape speeds of 3 3/4 and 7 1/2 I.P.S.; radio-phono-TV input (may also be used as low level "external amplifier" output); neon "Normal" and "Distort" recording level indicators; external speaker output; full range tone control; automatic, positive erase; 3-watt amplifier; fast forward and fast re-

wind speeds; record monitor switch; frequency response 85 to 8000 cps; wow and flutter .35% at 7 1/2 I.P.S., .5% at 3 3/4 I.P.S.; signal-to-noise ratio 35 db; for up to 7" reels. Remote start-stop accessory socket is provided. Tubes: 2N132 transistor, 6AQ5, 12AX7, 6X4 (rectifier). Power requirements 70 watts at 117 volts, 60 cps AC. Size 14" x 12" x 8". Shpg. wt., 28 lbs. Supplied complete with crystal microphone, 3" reel of tape, 5" empty takeup reel, detachable AC line cord.

WILCOX-GAY MODEL 732 "THE COUNSELLOR" Net 90.96

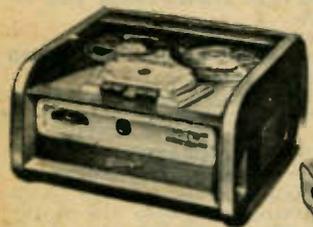


MODELS
752-
772

MODEL 752 "THE SENATOR" EXTENDED RANGE RECORDER
This high-fidelity dual speed — dual track recorder features an extended range 5" x 7" dual cone speaker and a visual tape index with radio-type pointer scale for quickly locating any selection on a reel of tape. Other features include: 3 3/4 and 7 1/2 I.P.S. speeds; for up to 7" reels; transistor preamplifier; Prestomatic keyboard; record-lock to prevent accidental erasure; radio-phono-TV input which may also be used as a low level "external amplifier" output; "Normal" and "Distort" neon recording level indicators; external speaker output; full range tone control; bass- and treble-compensated volume control; fast forward and fast rewind speeds (2 3/4 min-

utes for 1200' tape); record monitor switch; automatic stop; frequency response 65 to 10,000 cps; wow and flutter .35% at 7 1/2 I.P.S., .5% at 3 3/4 I.P.S.; signal-to-noise ratio 35 db; socket for remote start-stop; storage compartment for line cord and microphone. Tubes: 2N132 transistor, 6AQ5, 12AX7, 6X4 (rectifier). Power requirements 70 watts at 117 volts, 60 cps AC. Size 13 3/4" x 14-11/32" x 8 3/4". Shpg. Wt., 32 lbs. Supplied complete with crystal microphone, 3" reel of tape, empty 7" takeup reel, built-in AC line cord.

WILCOX-GAY MODEL 752 "THE SENATOR" Net 110.46

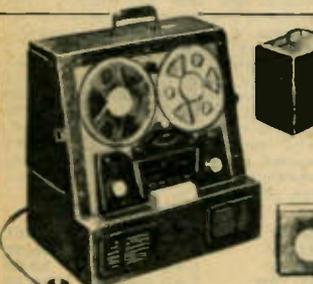


MODEL
762

MODEL 762 "THE EXECUTIVE" 2-SPEAKER RECORDER
This superb new model features a roll-top carrying case in which two 7" reels may be played completely enclosed. 8-watt push-pull amplifier with wide-range tonal response of 65 to 12,500 cps, a 5" x 7" extended range speaker plus a high frequency tweeter, and an automatic shut-off switch. Other advanced features include: dual speed — 3 3/4 and 7 1/2 I.P.S.; dual track; transistor preamplifier; visual tape index (counter); record-lock to prevent accidental erasure; radio-phono-TV input jack which doubles as an output for external amplifier; full range tone control; bass- and treble-compensated volume control; fast forward and fast rewind speeds; Prestomatic pushbutton keyboard; record monitor (speak-

er) switch; socket for accessory start-stop remote control; "Normal" and "Distort" recording level indicators; wow and flutter 0.3% at 7 1/2 I.P.S.; 0.5% at 3 3/4 I.P.S.; signal-to-noise ratio 35 db; storage compartment for spare reels of tape, microphone, line cord and patch cord. Tubes: 2N132 transistor, 6AV6, 12AX7, 2-6AQ5, 5Y3GT (rectifier). Power requirements 110 watts at 117 volts, 60 cps AC. Size 15 1/2" x 14-11/32" x 9 1/2". Shpg. wt., 39 lbs. Supplied complete with crystal microphone, 5" reel of tape, empty 7" takeup reel, built-in line cord and patch cord for recording from radio-phono-TV.

WILCOX-GAY MODEL 762 "THE EXECUTIVE" Net 124.97



MODEL
772

MODEL 772 "THE PRESIDENT" WITH ROVING SPEAKER
Identical in features and characteristics with Model 762 but with two-tone gray fabric-covered luggage-type case, microphone with push-to-talk switch, extension speaker jack, and with 15 1/2" x 5 1/2" x 2 1/2" roving extension

speaker in gray case with 18' cord and plug.
WILCOX-GAY MODEL 772 "THE PRESIDENT" Net 143.72



MODEL
782

MODEL 782 "THE ROYAL" DELUXE 4-SPEAKER RECORDER
This deluxe high-fidelity recorder features an 8-watt push-pull amplifier with response of 65-15,000 cps, 2 — 6" x 9" dual cone extended range speakers plus a high frequency tweeter built in, a roving extension speaker, extremely low wow and flutter (0.2% at 7 1/2 I.P.S., 0.38% at 3 3/4 I.P.S.) and remote control for instant start-stop record or playback. Other outstanding features include: 3 3/4 and 7 1/2 I.P.S. speeds; cover may be closed with reels up to 7" in diameter in position; transistor preamplifier; Prestomatic pushbutton keyboard; visual tape index; record-lock; radio-phono-TV input-output; professional type Humi-Seal hi-fi crystal microphone with switch and 12' cord; switch to permit use of microphone while playing back, recording, or using recorder as a phonograph amplifier; "Normal" and

"Distort" recording level indicators; full range tone control; bass- and treble-compensated volume control; fast wind and fast forward speeds; signal-to-noise ratio 35 db; automatic shut-off; record monitor (speaker) switch; storage compartment for spare tape, microphone, line cord, patch cards, remote control and roving speaker. Tubes: 2N132 transistor, 6AV6, 12AX7, 2-6AQ5, 5Y3GT (rectifier). Power requirements 110 watts, 117 volts, 60 cps AC. Size 16 1/4" x 16 1/2" x 11 1/4". Shpg. Wt., 49 lbs. Complete with 7" reel of tape, empty 7" take-up reel, patch cord for recording from radio-phono-TV, microphone, AC line cord, remote control and roving speaker.

WILCOX-GAY MODEL 782 "THE ROYAL" Net 168.72

MODEL 4C10 "THE VERSATILE" TAPE & DISC RECORDER
You can make tape recordings from records, disc recordings from tape, or original tape or disc recordings with microphone or from radio or television with this highly versatile instrument. The features include: high speed tape wind — forward and reverse; "Normal" and "Overload" recording level indicators; bass- and treble-compensated volume control; radio-phono-TV input jack; external speaker output jack; full range tone control; 6" x 9" Alnico 5 speaker; can be used as a public ad-

dress amplifier. Hum level — 45 db. Frequency response is 80-6000 cps ± 3db. Uses up to 5" reels of tape. Tape speed is 3 3/4 I.P.S. dual track; record speed is 78 rpm. With controlled-reluctance dynamic microphone, two-toned streamlined carrying case, tape reels. Size 19" x 16 1/2" x 11". For 117 volts, 60 cps AC. Shpg. Wt., 32 lbs.

WILCOX-GAY MODEL 4C10 "THE VERSATILE" Net 124.97

Wilcox-Gay Accessories

Model SK-1 Stereo Kit—Includes in-line (stocked) head, 5" reel of stereo tape, all connectors. For conversion of all 7-series recorders listed. Net 18.33

Model RCK-1 Remote Control Kit—For remote start and stop operation of all 7-series units except 782. Includes solenoid and power supply assembly, hand control and cable, all mounting parts. Net 17.70

Model 9-221-2 Microphone Extension Cord—25' long, with connectors. Net 4.33

Model 20-233 Radio-Phona Recording Cable—Patch cord for use with Wilcox-Gay 3, 4, 5, 6 and 7 series (except 4C10). Net .81

Model 9-2249 Patch Card for Duplicating Use—When connecting recorder to recorder for tape duplication. For Wilcox-Gay 3, 4, 5, 6 and 7 series (except 4C10). Net .87

PENTRON STEREO & MONAURAL TAPE RECORDERS and MECHANISMS WITH NEW 3rd DIMENSION TONE QUALITY

WHEN YOU HEAR STEREOPHONIC SOUND YOU WILL NOT BE SATISFIED WITH LESS THAN THE BEST

FREE

5 1200 FT. ROLLS OF LAFAYETTE HIGH FIDELITY TAPE WITH PURCHASE OF PENTRON TAPE RECORDER

"MERCURY"

109.95
MONAURAL

139.95
STEREOPHONIC



"CHAMPION"

149.95
MONAURAL

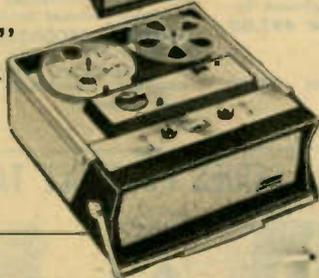
179.95
STEREOPHONIC



"ARISTOCRAT"

189.95
MONAURAL

219.95
STEREOPHONIC



All the most recent developments in tape recorders are included in the MERCURY and brought to you by LAFAYETTE at a price everyone can afford! Has stacked stereo head for stereophonic (binaural) playback and can also be used for standard, monaural record/playback equipped with extra preamplifier which can be plugged into your radio, TV set or hi-fi amplifier to provide stereophonic playback. Has a high quality long-lasting mechanism, extremely simple to operate and with new, professional quality recording head with a quarter-mil gap for superior tone. Dual Speed (3 3/4 and 7 1/2 IPS), Dual Track. Freq. Response 40-11,000 cps at 7 1/2 IPS; 40-7,000 cps at 3 3/4 IPS. SIMPLE ENOUGH FOR YOUR YOUNGESTER IN GRADE SCHOOL—only one rotary control for Play, Record, Fast Forward, Fast Rewind. Interlock Button prevents accidental erasure. TWO INPUTS for Mike or Magnetic Phono and for Radio, TV,

The CHAMPION is an ultra-modern, deluxe recorder at a modest price, with stereo (stacked) playback, monaural record or play, "magic eye" recording level indicator, quarter-mil gap heads for superb tone, easy-reading digital type tape footage counter, 6" woofer-speaker and 4" tweeter with cross-over network for true high-fidelity, and the ultimate in simplicity of control. Single rotary control for Play, Record, Fast Forward, Fast Rewind. Extra pre-amp on stereo model for second channel connects to your radio, TV set or hi-fi amplifier for two-channel stereophonic playback—a thrilling experience. Has interlock button to prevent accidental erase of tape, speed change lever, volume control, tone control. Dual track, Dual Speed (3 3/4 and 7 1/2 IPS). For 3", 5", 7" reels. Five watt amplifier. Frequency Response 40-13,000 cps at 7 1/2 IPS; 40-7,000 cps at 3 3/4 IPS. Signal-to-noise ratio 48 db. Flutter and Wow less

Truly an ARISTOCRAT among tape recorders, with numerous professional features for the best in tape recording at reasonable prices; Stacked stereo or monaural playback; monaural recording, half-track. Built-in illuminated VU meter recording level indicator, frequency response 40-15,000 cps at 7 1/2 IPS (40-7,500 cps at 3 3/4 IPS) due to use of quarter-mil gap heads; four speakers—two six-inch woofers with heavy magnets, one six-inch mid-range speaker, one extended-range exponential tweeter, double L-C cross-over network. Has foolproof AUTOMATIC SHUT-OFF SWITCH that stops motor the instant tape breaks or runs out; with automatic idler disengagement, there is no danger of flat spots. Amplifier remains on after motor shuts off to eliminate need for re-warmup. Digital-type counter with manual reset. Balanced heavy-duty motor, quality mechanism. One, simple rotary control for Play, Record, Rewind, Fast Forward. Has Speed Change Lever (for 3 3/4 and 7 1/2 IPS speeds), Interlock Button to prevent accidental eras-

"MERCURY" MODEL NL-1S

Crystal or Ceramic Phono Cartridge. Outputs (two) for External Amplifier and External Speaker. Signal-to-Noise Ratio 45 db. Six-inch extended range speaker. Balanced 4-pole motor. Takes 3", 5" or 7" reels for up to three hours of playing time. Has Speed Change Lever, Volume Control, Tone Control; Neon Bulb Recording Level Indicator. Flutter and Wow under 0.4% at 7 1/2 IPS. Four Watt Amplifier. Power Consumption 70 watts at 105-120 volts. 60 cps AC. Underwriters' Laboratories Approved. Beautifully styled with gold trim, gray mechanism, blue case. Comes with 5" reel of tape, empty 7" takeup reel, crystal microphone, instructions. Dim: 14" wide x 17" deep x 11" high. Shpg. wt. 29 lbs. **PENTRON NL-1S Stereo**...List 189.95...Net 139.95 **PENTRON NL-1 Monaural**—Similar to above but for standard half-track monaural use only...List 149.95...Net 109.95

"CHAMPION" MODEL NL-2S

than 0.4% at 7 1/2 IPS. 4-pole, shaded pole heavy duty balanced motor, quality mechanism. Separate power switches for motor and amplifier—permits easy use as public address system. Inputs for microphone or magnetic phono and radio, TV or crystal or ceramic phono cartridges; outputs for External Speaker and External Amplifier. Power requirements 80 watts at 105-120 volts, 60 cps AC. Underwriters' Laboratories Approved. Styled with gold trim, gray mechanism, gray case. Supplied complete with 5" reel of tape, empty 7" takeup reel, crystal mike and simple instructions. Dimensions 14" wide x 16 3/4" deep x 10 3/4" high. Shpg. wt. 33 lbs. **PENTRON NL-2S Stereo**...List 249.95...Net 179.95 **PENTRON NL-2 Monaural**—Similar to above but for standard half-track monaural use only...List 209.95...Net 149.95

"ARISTOCRAT" MODEL NL-3S

ure, Volume Control, Tone Control. Flutter and wow less than 0.4% at 7 1/2 IPS. Signal-to-noise ratio 50 db. Inputs (two) for mike or magnetic phono and for radio, TV, crystal or ceramic phono outputs (two) for External Amplifier and External Speaker. U/L Approved. Stereo model has extra preamp for second channel which may be connected to radio, TV set, hi-fi system to provide the ultimate in realism which stereophonic sound can provide. Power requirements 110 watts at 105-120 volts, 60 cps AC. Attractive in appearance, with gold trim, brown mechanism, brown and tan case. Comes complete with 5" reel of tape, empty 7" takeup reel, crystal microphone, simple instructions. Dim. 17 1/2" wide x 17 3/4" deep x 11" high. Shpg. wt. 38 lbs. **PENTRON NL-3S Stereo**...List 309.95...Net 219.95 **PENTRON NL-3 Monaural**—Similar to above but for standard half-track monaural use only...List 269.95...Net 189.95

PENTRON STEREO/MONAURAL TAPE DECKS WITH RECORDING PLUS PLAYBACK

Designed for use with Pentron Tape Preamplifiers listed below, or others, to provide stereophonic (binaural) recording and playback, monaural record/playback, or may simply be used with high fidelity systems for either monaural or stereo playback. Two complete tape preamplifier/amplifier/speaker systems are needed for stereophonic playback. Enjoy the full dynamic and tonal range and the sense of "presence" you can achieve with the tape recordings these units can provide!

General Specifications: Mechanisms listed below are all dual speed (3 3/4 and 7 1/2 IPS), dual track. Speed-change lever on top plate. Frequency Response 40-14,000 cps with proper equalization, due to use of quarter-mil gap heads. Simple, Single Rotary Control for Fast Forward, Fast Rewind, Play, Record. Standard pin jacks for easy connection to preamps. Two auxiliary AC outlets, controlled by the mechanism's power switch. Idlers are disengaged in the Neutral position to prevent flat spots. Flutter and Wow less than 0.4% at 7 1/2 IPS. Heavy duty balanced 4-pole rugged, long-life mechanism. 21 oz. flywheel. Takes up to 7" reels. Speed variation ± 2% max.

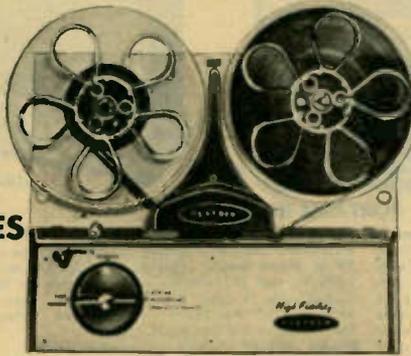
Mounting: Vertical, horizontal, or angle—cutout required 10.3 3/2" x 13" x 7". The Pentron digital footage counter can easily be added if desired. Highly styled—finished in gray and gold. Power Requirements: 55 watts, 117 volts, 60 cps AC. Supplied complete with cutout template drawing and removable shock-absorber mounting brackets, two grammets to hold reels in position when mounting mechanism vertically, and instructions.

PENTRON MODEL TM-1 TAPE MECHANISM—Monaural half-track recording and playback only. Has one combination record/play/erase head. Net 84.50

PENTRON MODEL TM-3 TAPE MECHANISM—Stereophonic (staggered) recording and playback and monaural record/playback. Has two combination record/play/erase heads. Net 95.00

PENTRON MODEL TM-4 TAPE MECHANISM—Stereo recording and playback, stacked (in-line) or staggered; also monaural record/playback. Has one stacked (in-line) head, one combination record/play/erase head. Net 109.95

TM SERIES



PENTRON CONVERSION KITS FOR STEREO TAPE PLAYBACK

Add the realistic beauty and "living presence" of stereophonic sound to any Pentron tape recorder (except Models RWN and CT-1) with one of these kits.

MODEL SA-2—Converts the following Pentron models to stacked stereo operation: T-90, MF-400, TR-4, HT-225, 9T3, 9T3-C, MFW-500, TM-56, and the NL-Series. Will also convert previously converted staggered models to stacked operation as well. Consists of: preamplifier, 2-heads (1-stacked, 1-combination play/record/erase), bracket with Azmure-X head adjustment, wire, hardware, and simple step-by-step instructions. Net 37.50

MODEL SA-4—Similar to above, for conversion of Models TM-1 and TM-3 mechanisms to stacked and staggered stereo. Includes stacked head and instructions. Net 18.95



CA-13 PLAY-RECORD PREAMPLIFIER

General Specifications: Hum 50 to 60 db 1 volt rms output dim. 11.5/16" x 5" x 8" deep. All units self-powered, for 117 volts, 60 cps AC. **PENTRON CA-11 PREAMPLIFIER**—For tape playback. Use one CA-11 for monaural playback only with TM-1 mechanism. Response 40-14,000cps; 1% distortion. Gain Control. Shpg. wt., 5 lbs. Net 39.95 **PENTRON CA-13 PREAMPLIFIER**—For recording or playback. Use one CA-13 for monaural recording and for playback with TM-1 mechanism. Use two CA-13 for monaural and binaural (stereo) recording or playback with TM-3 or TM-4 mechanisms. Response 40-14,000 cps; 2% distortion. Record/Play Switch, Gain Control, Safety Interlock Button. Inputs for microphone plus radio or phonograph. Illuminated VU meter recording level indicator. Shpg. wt., 6 lbs. Net 79.95 **PENTRON CA-15 PREAMPLIFIER**—Dual channel playback preamp for monaural or binaural (stereo) use. Connect to two sound systems. Use one CA-15 with Pentron TM-3 or TM-4 for playback only. Response 20-70,000 cps; 1% distortion; **NARTS** equalization volume and equalization control for each channel plus master gain control. Shpg. wt., 6 lbs. Net 79.95

PENTRON TAPE PREAMPLIFIERS

FOR USE WITH TM OR OTHER TAPE MECHANISMS/STEREO OR MONAURAL RECORD/PLAYBACK OR PLAY ONLY.

TAPE RECORDER ACCESSORIES

X-166 Cord with clips at one end, standard plug at other end for recording from radio or phono. Net 1.88
X-167 Mike extension cord, 20', with standard plug. Net 5.63
X-155 Telephone pickup. Net 8.95
FP88 Foot Pedal Attachment for Pentron NL-1(S), NL-2(S), NL-3(S) recorders. Starts and stops tape. Attaches in two minutes without tools. Net 12.95
X-188 DIGITAL COUNTER KIT Easy reading, manual reset. May be readily added to any of the Pentron TM mechanisms shown on this page. Net 12.95
CA-14 MICROPHONE MIXER-PREAMPLIFIER For use with any tape recorders or public address systems. Four channel, six inputs (four mike, two high impedance phono). Dim. 11.5/16" x 5" x 8" deep. Shpg. wt. 4 lbs. Net 39.95

AND DON'T FORGET LAFAYETTE'S MONEY BACK GUARANTEE

LAFAYETTE Presents ...

AMPEX

CORPORATION

... the ultimate in high fidelity sound reproduction

AMPEX STEREOGRAPHIC SOUND MUSIC SYSTEMS AND TAPE RECORDERS

PORTABLE RECORDERS

with STEREOGRAPHIC PLAYBACK



The Ampex A122P Tape Recorder offers stereophonic sound in a convenient portable form, for outdoor or away-from-home listening pleasure. It also records half-track and reproduces half- and full-track tapes. Complete specifications are listed in the table to the right. Together with matching amplifier-speakers (A692), it provides the ultimate in three-dimensional sound as well as the lightweight convenience of a top quality portable recorder. The durable, beautifully finished two-tone carrying case measures 9 x 17 1/2 x 15" and weighs less than 35 lbs. Less microphone.

Ampex A122P—Stereo Tape Recorder..... Net 449.50

The Ampex A692P Amplifier-Speaker provides magnificent performance in a size that will amaze the most critical audiophile. Realistic sound reproduction from 65-10,000 cps through matched speaker and 10-watt push-pull amplifier. Noise level 70 db below rated output. Equipped with equalization and volume controls, selector and off switch. Case matches size and color of A122 recorder. Weighs only 31 lbs.

Ampex A692P—Amplifier-Speaker..... Net 199.50

A112-P—Portable Manual Tape Recorder records half-track and plays half- and full-track tapes at 3 3/4 and 7 1/2 IPS. Otherwise same as A122P. With A692P Amplifier-Speaker, it forms an integrated system of superb quality... **Net 395.50**

GENERAL SPECIFICATIONS for "A" SERIES RECORDERS

HEADS: A111, A112P, half-track; A121, A122P, half-track record, stereo playback (in-line stereo heads); both have half-track erase heads. **TAPE SPEED:** 3 3/4 and 7 1/2 IPS. **FREQUENCY RESPONSE:** 30-15,000 cps \pm 2 db at 7 1/2 IPS; 30-7,500 cps \pm 2 db at 3 3/4 IPS. **SIGNAL-TO-NOISE:** Better than 50 db below peak record level (3% distortion at 400 cps) at 7 1/2 IPS. Better than 45 db at 3 3/4 IPS. **FLUTTER AND WOW:** Under 0.25% rms at 7 1/2 IPS; under 0.3% rms at 3 3/4 IPS. **RECORD INPUTS:** High Impedance line input, 0.75V. rms for program level. High impedance microphone input. **PLAYBACK OUTPUT:** 0.75 rms (for-gram level tapes) from cathode follower. **POWER REQUIREMENTS:** 117 volts, 60 cycles AC. 0.9 amps.

AMPEX CONSOLE MUSIC SYSTEM



AMPEX CONSOLE MUSIC SYSTEM

Complete music system in elegantly designed cabinetry, optional, hand-rubbed Cabinets.

Includes Ampex half and full track tape recorder with stereo playback, two ten watt hi-fi amplifiers, FM-AM high fidelity tuner, Garrard record changer with diamond and sapphire stylus in variable reluctance cartridge, two speakers. Dim. 47" wide x 21 1/2" deep x 36" high.

A423—Complete Console Music System...Net 1,495.00

COMPLETE TAPE RECORDER with STEREOGRAPHIC PLAYBACK



A621 AMPLIFIER-SPEAKER

A121 STEREO PLAYER AND TAPE RECORDER



COMPLETE STEREO SYSTEM AS ILLUSTRATED
NET 895.00

A121 STEREOGRAPHIC PLAYER-TAPE RECORDER

—Offers realism of stereophonic sound on tape playback as well as two speed recording and playback of standard tapes. When used with two, A621 matched amplifier-speakers, the recorder makes a complete stereophonic system that provides unexcelled richness, depth and clarity for your listening pleasure. Size: 10 1/2" high, 16 1/2" deep, 17 1/4" wide. Available in Mahogany, Blond, Walnut or English Hairwood finishes. (Less Microphone)..... **Net 495.00**

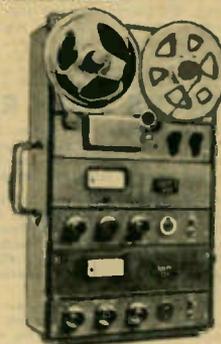
Accessory Microphone for above recorder..... **Net 65.00**

A621 AMPLIFIER-SPEAKER — Push-pull amplifier output 10 watts. Frequency response of system essentially flat from 65-10,000 cps. Hum level 70 db below rated output. Equipped with volume control, equalization control and push-button selectors for tape, TV, tuner and phono. Has auxiliary AC power receptacle and jack for connecting 8 or 16 ohm speakers. Dimensions: 21" wide, 11" high, 9 1/2" deep. Available in hand-rubbed Mahogany, Blond, Walnut, or English Hairwood finishes..... **Net 229.50**

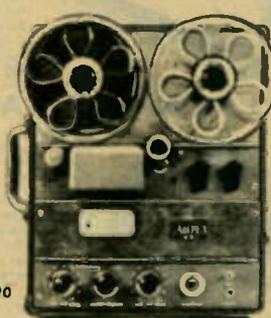
COMPLETE RECORDER & STEREO SYSTEM Consists of A121 recorder and two, A621 amplifier-speaker systems, all in matching wood cabinets. Less microphone. Save \$59.00 over cost of units if purchased separately.

A121-S.....Net 895.00

AMPEX PROFESSIONAL SERIES PORTABLE TAPE EQUIPMENT



S-5290



601-P



620-P

MODEL 601-P PORTABLE RECORDER

Here is famous Ampex professional quality in a compact, lightweight portable recorder for the most critical high fidelity recording requirements. Designed for use with external amplifier and speaker. Frequency response 40-15,000 cps at 7 1/2 IPS; down no more than 4 db at 15,000, \pm 2 db from 40-10,000. Signal-to-noise ratio over 55 db. Flutter and wow below 0.17%. Separate erase, record and playback heads contained in a single head housing. Synchronous motor drive assures precise timing accuracy within 3.6 seconds in entire 30 minutes playback. Simple, one hand "wrap around" threading. Large scale meter for accurate program level monitoring during record or playback. Instantaneous starting, fast rewind. Illuminating record safety button gives positive protection against accidental erasure. Two inputs: low and high Impedance mikes (use mike transformer listed). Output, 600 ohms balanced or unbalanced. Separate record,

playback mike and line input amplifiers with negligible distortion. Individual mixing controls for mike and radio, TV or phono inputs. Playing time 32 minutes with 7", 1200 ft. reel (32 minutes each direction on half-track). Overall size in case: 8 x 13 3/4 x 16 1/2". Less case: 5 x 12 1/2 x 15 1/2". For 117 V., 60 cycles AC. Shpg. wt., 32 lbs. in saddle ton Samsanite case.

Model 601-PF—Specify Full or Half Track Heads.....Net 595.00

Model 601-UF—Same as above, less case...Net 545.00

Model 601-2PF—2-Track Stereophonic Portable Includes Model 601 tape transport, two Model 601 electronic chassis, a full-track erase, two-track record and two-track playback head assembly. 8 x 13 x 24 1/2". Shpg. wt., 46 lbs. in case.....Net 995.00

Model 601-2UF Same as above, less case...Net 950.00

MODEL 620-P PORTABLE AMPLIFIER-SPEAKER

Carefully matched portable amplifier-speaker combination that is designed for use with the model 601P tape recorder, or any basic tape recorder, hi-fi tuner, preamplified microphone or record player. Ampex engineered 8" speaker with large magnet size and flexible diaphragm mounting is combined with a 10-watt high fidelity push-pull amplifier to give an overall flat frequency response of 65-10,000 cps. Amplifier response 20-20,000 cps \pm 1/2 db. Signal-to-noise ratio 70 db below rated output. No audible harmonic distortion (less than 1%). Has external speaker jack which bypasses built-in speaker—for use with 8 or 16 ohm external speakers. Controls: volume, bass-treble, power switch, ON-OFF indicator light, and built-in

AC convenience outlet. Single equalization control. Input impedance 20,000 ohms; output impedance 12 ohms. For 117 volts, 50/60 cycles AC. 13 x 16 x 8". Shpg. wt., 28 lbs. in case.

Model 620-P—Portable Amplifier-Speaker...Net 169.50

PLUG-IN LOW IMPEDANCE INPUT TRANSFORMER —Permits use of low impedance mikes with 601-P recorder. Shpg. wt., 1 lb..... **Net 22.95**

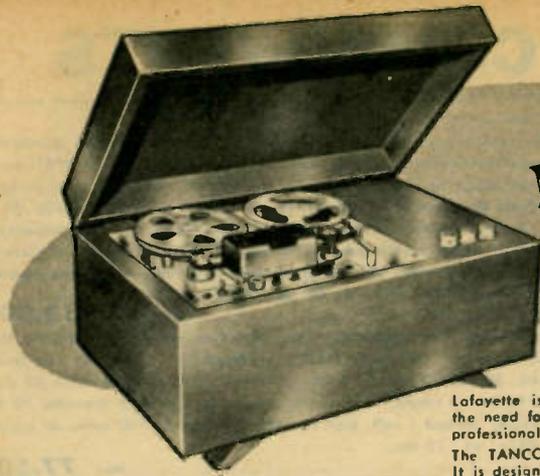
RACK MOUNT ADAPTER PANEL—For Model 601 recorder.....Net 12.50

THE MAGNIFICENT TANCORDEX STEREO RECORDER

A Professional Recorder At A Moderate Price

- 3 MOTORS FOR DRIVE, FAST FORWARD AND REWIND
- 3 SHIELDED HEADS FOR RECORD, PLAYBACK AND ERASE
- FREQUENCY RESPONSE 40-15,000 CPS
- FLUTTER AND WOW LESS THAN 0.17%
- BUILT-IN BINAURAL PLAYBACK PREAMPLIFIER
- FOR BOTH BINAURAL AND MONAURAL RECORDING AND PLAYBACK

NEW!



Lafayette is proud to be the first to present the magnificent TANCORDEX stereo recorder and playback deck to fill the need for a moderately priced unit that provides quality, features and performance in a class with the most expensive professional tape recorders.

The TANCORDEX is a precision-built twin-track mechanism with extremely close tolerances in all bearings and shafts. It is designed for both binaural (stereophonic) and monaural recording and playback. The deck, on a gleaming stainless steel plate, is mounted in a finely finished blonde cabinet with a removeable lid. The cabinet also contains the binaural 2-channel preamplifier for playback of stereophonic recordings (as well as for monaural). It is equipped with volume, bass and treble controls. Three powerful capacitor induction motors provide stabilized operation for drive, fast forward and rewind. Magnetic brakes insure safe, fast stops on all positions. One of the outstanding features is the extraordinary quality of the fine-gap low impedance heads. The recording head is double shielded by permalloy; the playback head by permalloy and copper.

In addition to simple, positive push-button and lever switch operation, several safety features are provided. The tape guides are also automatic switches so that if you let the reel run out, or if the tape is accidentally disengaged or broken, the motor is turned off. The record button is recessed to prevent accidental erasure. You cannot shift from rewind to play without depressing a safety push button. There are push-button controls for RECORD, START and STOP; lever switch for PLAY, FAST FORWARD and REWIND with safety push button; Power on-off switch and 2 pilot lights for record and power-on.

For playback all that is required is a basic power amplifier and speaker (1 for monaural, 2 for binaural); for monaural recording, a recording amplifier with bias oscillator; for binaural recording an additional recording amplifier less the bias oscillator.

The TANCORDEX tape deck, comes completely mounted in the cabinet with the stereophonic preamplifier. Size 25 1/2" x 15 3/4" x 12" H. Shpg. wt., 75 lbs.

TANCORDEX Model V in Blonde or Mahogany finish (Specify) Net **495.00**

NOTE: STEREOPHONIC RECORDING AMPLIFIER WILL BE AVAILABLE.

SPECIFICATIONS

TAPE SPEED: 7 1/2 I.P.S. **REEL SIZE:** 7" Max. **FREQ. RESPONSE:** 40-15,000 cps down 4 db at 15,000; 40-10,000 ± 2 db. **SIGNAL-TO-NOISE RATIO:** Better than 50 db. **FLUTTER & WOW:** Less than 0.17%. **STARTING TIME:** Full speed in 3/10 sec. **STOPPING TIME:** Normal to stop under 1/2 sec.; fast forward or rewind to stop, under 2 seconds. **REWIND TIME OR FAST FORWARD:** 45 seconds for 7"-1200' reel. **TAPE DECK CONTROLS:** Pushbutton start, stop, record; selector lever for play, fast forward, rewind; AC power switch. **SAFETY FEATURES:** Automatic stop if tape breaks, spills off guide or runs to end of reel; push button prevents accidentally moving lever switch from rewind to play; record button recessed in shield. **PREAMPLIFIER:** Binaural playback preamplifier with dual low impedance (cathode follower) output of 1.3V. **PREAMP CONTROLS:** Volume, Bass and Treble operate in both channels. **HEADS:** Recording head 10 ohms (at 1000 cps), playback head 300 ohms (at 1000 cps). Stacked arrangement for binaural recording and playback on 2 tracks; or monaural recording on single channel (half track) or monaural playback of either half track or twin track; erase head is full track. **SHIELDING:** Record head double shielded by permalloy, playback head by permalloy and copper. All 3 heads shielded by overall case with door. **MOTORS AND DRIVE:** Fly wheel drive, 3 heavy duty capacitor induction motors; positive, safe magnetic braking.

BELL STEREO & MONAURAL TAPE TRANSPORTS

BELL TAPE TRANSPORT MECHANISMS

Professional quality mechanisms—competitively priced. Exclusive combination of features, found only in these mechanisms, includes: 3 heavy-duty, 4-pole, 4-coil motors ● No belts, clutches, pulleys or mechanical brakes ● Instant, yet gentle, positive electrodynamic braking without tape strain or breakage; stops from Rewind or Fast Forward in less than 3 seconds ● Stops from Play or Record in less than 1 second ● Flutter less than 0.25% at 7 1/2 ips, 7/2 and 3 3/4 inches per second (ips) tape speeds, controlled to within ± 1% ● Fast Forward and Fast Rewind, average speed 30 feet/second ● Piano keyboard controls for: 7 1/2 ips; 3 3/4 ips; Play; Rewind; Fast Forward; Stop ● On-Off Switch ● Stereo Selection Switch for inline (stacked) or offset (staggered) for those models having stereo head arrangements ● Tape lifter removes tape from heads during stop and high speeds ● Uses standard 1/4" type A recording tape ● Takes reels up to 7" diameter ● Tape counter, with manual reset, operates from takeup reel to prevent introduction of wow and flutter ● Recording Head adjustments for azimuth and tracking (factory set for standard tapes) ● Mechanisms are designed to mount either the Bell P-100 or RP-120 preamplifiers as an integral part ● Styled in Charcoal Gray with Satin Aluminum and embossed anodized gold trim ● Plays in any position ● Power consumption 56 watts; for 117 volts, 60 cps AC ● Size 15-5/16" wide, 13-5/16" deep; 5 1/4" below mounting surface and 1 7/8" above ● Shipping weight 21 lbs.

- BELL MODEL T-200**—Tape transport for monaural erase/record/playback.....Net **97.95**
BELL MODEL T-201—Tape transport for stereo inline (stacked) and offset (staggered) playback only.....Net **107.75**
BELL MODEL T-202—Tape transport for monaural erase/record/playback and stereo inline (stacked) and offset (staggered) playback.....Net **117.55**
BELL MODEL T-203—Tape transport for monaural erase/record/playback, stereo inline and offset playback, stereo inline and offset record.....Net **137.15**

BELL PREAMPLIFIERS

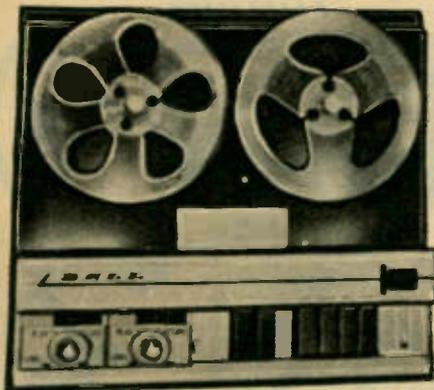
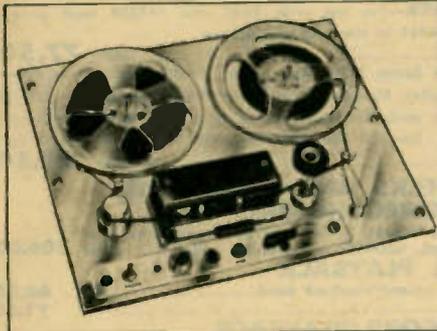
Made to mount as an integral part of Bell tape transports. Plastic dial plate furnished that mounts on transport control panel. DC on tube filaments for minimum hum. Feedback-type low frequency equalizer for minimum distortion, noise and microphoning. Use 1-Model P-100 for the T-200; use 2-Model P-100's with the T-201 for stereo playback only; use 1-Model P-100 and 1-Model RP-120 with the T-202 for monaural record and monaural or stereo playback; use 2-Model RP-120 with the T-203 for monaural or stereo record/playback.

MODEL P-100 PLAYBACK PREAMPLIFIER—Characteristics when used with Bell tape transports:—Response: 40-10,000 cps ± 2 db; 30-15,000 cps ± 4 db. Noise: 50 db below a signal having 3% third harmonic distortion recorded on tape. Distortion: 0.1% at 1 volt output. Output: At least 15 volts from cathode follower. Controls: 1- Volume. Tubes: ECC83/12AX7, ECC82/12AU7, EZ80/6V4 rectifier; selenium rectifier for filament supply. Power Consumption: 15 watts, 117 volts, 60 cps AC. Size: 2 3/4" w x 12 1/2" d x 5 1/4" below mounting surface, 1 3/8" above. Shpg. Wt.: 6 lbs. Net **29.35**

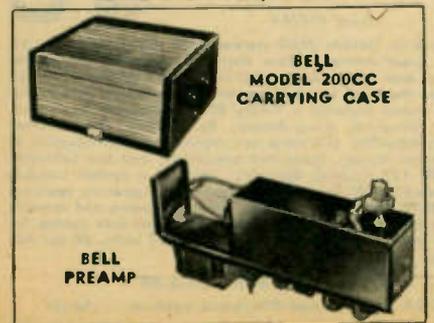
BELL MODEL P-100.....Net **29.35**
MODEL RP-120 RECORD/PLAYBACK PREAMPLIFIER—When used with Bell tape transports:—Response: 40-10,000 cps ± 2 db; 30-15,000 cps ± 4 db. Bias Oscillator Frequency: 60 kc. Sensitivity: 1 mv. (mike); 0.3 volts (high level input)—for full recording level. Signal-to-Noise-Ratio: 50 db. Distortion: Less than 1%. Inputs: High impedance mike; high level for tuner, etc. Controls: Gain; Record/Playback Switch. Indicator Lights: White on-off pilot; red pilot for "Record"; "magic eye" recording level indicator. Output: At least 15 volts from cathode follower. Tubes: 2-ECC83/12AX7, ECC82/12AU7, EZ80/6V4 rectifier; selenium rectifier for DC filament supply. Power Requirements: 25 watts, 117 volts, 60 cps AC. Size: 2 3/4" w x 12 1/2" d x 5 1/2" below mounting surface and 1 3/8" above. Shpg. Wt.: 10 lbs. Net **58.75**

BELL MODEL RP-120.....Net **58.75**
BELL MODEL 200C CARRYING CASE—For Bell tape transport mechanism plus 1 or 2 preamps. Handsame 2-tone styling.....Net **29.35**

Page 45



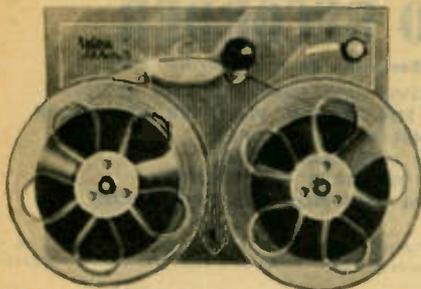
Bell Tape Transport
Shown with Preamp Installed



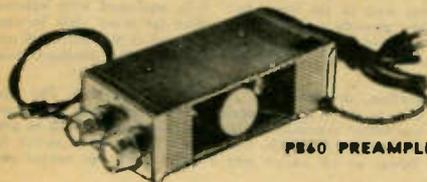
BELL
PREAMP

VIKING STEREO TAPE COMPONENTS

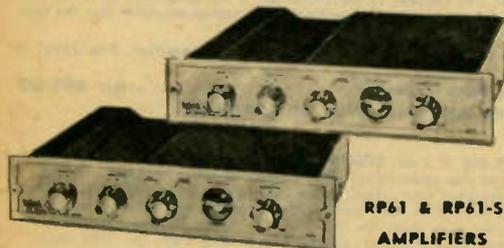
Viking components are designed for use with high-fidelity music systems to take full advantage of the frequency and dynamic range possible with tape. If your present amplifier and speaker are providing satisfactory record playback, then full fidelity tape recording can be added to your system without modification.



FF75SR TAPE DECK



PB60 PREAMPLIFIER



RP61 & RP61-S AMPLIFIERS

FF75SR STEREOGRAPHIC TAPE DECK—Incorporates three heads for stereo playback of in-line (stacked) recordings and for standard monaural erase-record-playback operation. May be used with both RP61 and RP61-S record/playback amplifiers described below for in-line (stacked) recording of pre-erased tapes or for conventional monaural record-playback. Freq. Response 30-14,000 cps at 7½ IPS, 40-7,000 cps at 3¾ IPS. Signal-noise ratio 50 db, flutter 0.2%. Record/Playback head gap .00015" contributes to wide frequency range. 4-pole floating motor, heavy castpan flywheel, heavy compliant drive belt make for absence of vibration, minimum "flutter" and "wow". Size: 14¾" wide, 9¾" deep; extends 3½" below mounting board (dimensions include clearance for 7" reel). For 110-120 volts AC, 60 cps. Shpg. wt., 14 lbs.

Viking FF75SR Stereo Tape Deck.....Net **113.00**

RP61 RECORD/PLAYBACK AMPLIFIER—Provides completely fixed recording equalization during the recording cycle. Has variable playback equalizer. Modified NARTB equalization. Frequency response, playback: 30-14,000 cps ± 2 db; record, 30-12,000 cps ± 2 db. Internal signal-to-noise ratio 60 db. Distortion less than 2% within specified frequency range. An integral erase-bias oscillator provides 70 kc erase and bias voltage during recording cycle. Output 1 volt, high impedance. For 110-120 volts, 60 cycles AC. Size: 12¾" W, 6¾" D, 2½" H. Shpg. wt., 12 lbs.

RP61 Record/Playback Amplifier.....Net **77.50**

RP61-S STEREO RECORD/PLAYBACK AMPLIFIER—For use with RP61 and FF75SR tape deck—monaural and stereo record and playback. Matches RP61 in size and appearance.

RP61-S Stereophonic Amplifier.....Net **77.50**

PB60 PREAMPLIFIER—An ideal companion to the Series FF75 tape decks. Features include a power switch on the volume level control, a switched AC outlet, hum balancing adjustment, variable equalization and cathode follower output. Equipped with phono jacks for input and output connections. Frequency response 30-14,000 cps. Size 6½" D, 3" W, 2" H. For 110-120 volts, 60 cycles AC. Shpg. wt., 2 lbs.

PB60 Preamplifier.....Net **29.50**

OTHER VIKING TAPE DECKS AND ACCESSORIES BINAURAL (STEREOGRAPHIC)

FF75SU —Playback unit consists of transport, head bracket, in-line (stacked) or staggered head assembly, standard record/playback head, tapelifter and pressure pads.....Net **106.00**

MONAURAL PLAYBACK

FF75 —Consists of transport, bracket and one record/playback head.....Net **66.00**

FF75LP —Same as FF75 except with tapelifter.....Net **71.50**

MONAURAL RECORD/PLAYBACK

FF75R-LP —Consists of transport, bracket, one record/playback head and one erase head and tapelifter and pressure pads.....Net **78.50**

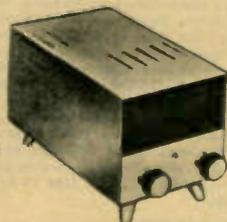
FF75RM-LP —Monaural record monitor and playback with transport, head bracket, erase head, record head, and monitor head and tapelifter and pressure pads.....Net **87.00**

ACCESSORIES

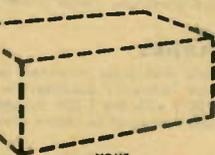
D396 PORTABLE CASE—Luggage-type with handle and removable cover. Accommodates any Viking tape deck, one or two PB60, or one RP61. Mounting holes pre-drilled.....Net **24.50**

ADD STEREO SOUND TO YOUR PRESENT SYSTEM

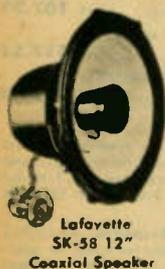
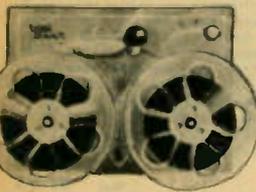
Viking FF75SR tape deck,



Bogen ST-10 Stereo amplifier



Your Amplifier

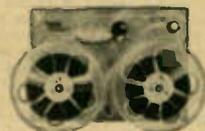


Lafayette SK-58 12" Coaxial Speaker

Convert your present high fidelity music system to stereophonic sound by adding these components: Viking FF75SR Binaural (Stacked Head) Playback Unit plus Monaural Erase-Record Functions, Bogen ST-10 (less case) Stereo Amplifier with 2 equalized tape preamps for output of tape deck, and Lafayette SK-58 12" Coaxial Speaker which acts as the second speaker in your stereo system. Output of one preamp is fed into your present hi-fi system to provide one channel of sound, and second preamp drives the built-in 10-watt amplifier. Easy to connect with cables supplied. 117 Volts, 60 cps AC. Shpg. wt. 36 lbs.

Reg. \$195.00 You Save \$ 25.80
SY-102 Stereo Components.....SALE! **169.20**

LAFAYETTE'S OWN STEREO TAPE PLAYBACK SYSTEM WITH VIKING TAPE DECK



Viking FF75SR

Lafayette LA-69 20-watt Amplifiers



Lafayette SK-58 12" Speakers



Enjoy full dimensional sound that thrills you with the feeling of living presence. This system, available at Lafayette's typically low prices, includes a Viking FF75SR Binaural (Stacked Head) Playback Unit plus monaural erase and record facilities; two Lafayette LA-69 20-watt Amplifier/Preamp with five inputs, 24 equalization positions, and a frequency response of 20 to 40,000 cps ± 1 db. at 15 watts; and two Lafayette SK-58 12" coaxial speakers, capable of handling 20 watts at a frequency response of 30-15,000 cps. Interconnecting cables, clearly marked for easy identification, are supplied.

Reg. \$301.00. You Save \$60.20!
SY-101—Stereo System.....SALE! **240.80**

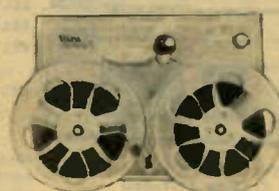
STEREO TAPE PLAYBACK SYSTEM WITH BINAURAL AMPLIFIER



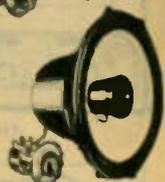
Bell 3-DTG Amplifier



Lafayette SK-58 12" Speakers



Viking FF75SR



True high fidelity PLUS stereophonic sound give this system breathtaking realism that you must hear to appreciate. And Lafayette brings it to you at a saving of \$-53.45 under the total cost of components purchased separately! The system includes a Viking FF75SR Binaural Tape Deck with Monaural Erase-Record, Bell 3-DTG Dual-Channel Hi-Fi Amplifier (12 watts per channel) for reproduction of binaural records, tapes and broadcasts, and two Lafayette SK-58 12" Coaxial Speakers. Here is a system capable of handling 20 watts per channel at a frequency response of 20-20,000 cps with all the depth, dynamics and sonority of a concert hall performance. Supplied with cables for easy interconnection of components. 117 volts, 60 cps AC. Shpg. wt., 70 lbs.

Reg. \$331.95. You Save \$53.45
SY-104 Stereo Tape Playback System.....SALE!

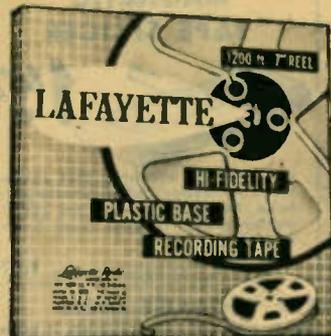
278.50

Lafayette FOR THE BEST IN TAPE

1200 FT. 7" REEL

LAFAYETTE HIGH FIDELITY RECORDING TAPE

1800 FT. 7" REEL

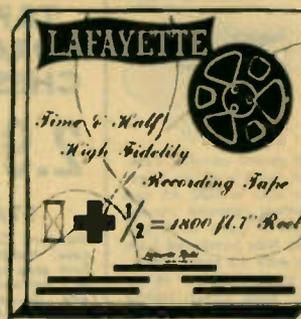


1.49 ea.
in LOTS
OF 10.
Single,
each
1.59
CAT NO
RT-10

GUARANTEED SPlice-FREE ALL LAFAYETTE TAPES SOLD ON MONEY-BACK GUARANTEE

Lafayette's huge purchasing power enables our providing you with standard first-quality tape at almost half the price you would pay for the same tape with the manufacturers' own labels. WE GUARANTEE ABSOLUTE SATISFACTION OR YOUR MONEY BACK! The finest professional-quality recording tape available. Highest performance for thousands of playings. Uniformly-coated red oxide on plastic base with high output and uniform frequency response of 40-15,000 cps. 1200 ft. reel gives 1 hr. of recording time at 7 1/2 inches/second dual track, and 2 hrs. at 3 3/4 inches/second. 1800 ft. reel gives 1 1/2 hrs. recording time at 7 1/2 ips dual track, and 3 hrs. at 3 3/4 ips.

A true Lafayette value backed up by our Money Back Guarantee. You be the judge—try it!



1.88 ea.
in LOTS
OF 10.
Single,
each
1.98
CAT NO
RT 11



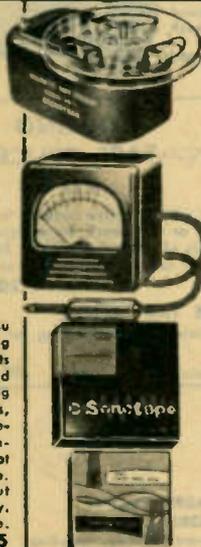
LAFAYETTE HIGH FIDELITY LP TEST RECORD

New! **2.25**
Only

- HELPS TUNE BASS REFLEX CABINETS

- CHECKS TONE ARM ... STYLUS ... TURNTABLE
- TESTS EQUALIZATION CONTROLS
- SPOTS FAULTY CABINET WORK

Here is a new addition to the special test record group that helps you improve your music system. Ideal for the audiophile who is building a bass reflex speaker enclosure, or wants to check the components already in use. Two-side, 12" long playing record covers cartridge and stylus test, turntable rumble test, average and minimum recording levels, stylus and tone arm resonance check, equalization checks, sound effects, tuning bass reflex enclosures, and a group of delightful music box selections. This record makes a perfect companion when shopping for a high fidelity system. It tells exactly what you can expect to hear from the system before you send it home. Specially recorded with painstaking care at 33 1/2 RPM, and master cut on a mechanism that produces the quietest grooves in the industry. Complete with instructions for use and colorful protective envelope. Shpg. wt., 1 lb. PR-10. List 3.98 Net 2.25



MICROTRAN BULK TAPE ERASER AND DEMAGNETIZER

An absolute must for stereo recording! Most stereo recorders do not provide facilities for pre-erasing both tracks, and tapes must be pre-erased in bulk. Develops a high intensity AC magnetic field and erases recorded material and noise from any magnetic tapes without rewinding and without wear on recording heads. More effective erasure than most built-in tape recorder erase heads — restores tape to "like-new" condition or better. Takes 5", 7" or 10 1/2" reels. Spindle removable for other reel sizes. May also be used as demagnetizer for tape heads, watches, metal, etc. Power requirements 5 amps at 117 volts AC. Size 3" x 5" x 8". Shpg. wt., 8 1/2 lbs.

ML-106 Net 20.22

TRIPLETT VOLUME-UNIT (VU) METER

Helps make professional quality tape recordings. Visually indicates correct recording level and eliminates uncertainties of neon bulb recording level indicators. Bakelite case 3" x 3" x 1 1/2". With 18" cord and phone plug and jack — plugs directly into most recorders. Shpg. wt., 2 lbs.

TRIPLETT 327-TC Net 22.54

WESTMINSTER SONOTAPE STEREO TEST TAPE

Stereophonic alignment tape — an essential item for balancing any stereophonic playback sound system. Used for determining correct speaker spacing and volume level; provides for adjustment of tape head alignment for high frequency response; checks equalization and frequency response of amplifiers and response of speakers as well as tape equipment. Checks wow and flutter of tape equipment and absolute accuracy of the tape speed. Checks proper spacing of staggered heads. Includes a 440-cycle tuning fork for speed accuracy check. 7" reel, 7 1/2 IPS speed. Shpg. wt., 2 lbs.

SONOTAPE AL-101 — Specify stacked or staggered. Net 8.95

STEREOPHONY-EMC STEREO TEST TAPE

5" reel for balancing any stereo system. A minimum necessity for determining correct speaker positions and adjusting complete playback system. 7 1/2 IPS speed.

EMC T50S — For Stacked heads Net 1.98

EMC T50Z — For Staggered heads Net 1.98

GELOSO HI-TONE MINIATURE TAPE RECORDER

**WEIGHS ONLY
7 1/2 lbs.**

measures 3 1/2" x 9 1/4" x 5 1/4"

From Italy, land of craftsmen—by Geloso, largest integrated electronics manufacturer in Europe—comes this remarkable dual track, dual speed tape recorder. Unique, compact, economical, precision-engineered and designed like a fine watch. With amazing true fidelity sound and lifelike reproduction not equalled by many machines costlier and much larger in size. May be used for every tape recorder application.

A completely versatile machine. Can be used for recording or dictating in the office or home. Adaptable for use in a car, boat or plane, to record telephone conversations and radio programs, or for reproducing recorded high fidelity tapes.

Dual Speed - Dual Track • For 17 1/2 and 3 3/4 ips speeds
• Extremely simple 4-pushbutton control—children can safely use it without danger of damaging the recorder
• Frequency response 100-4500 cps at 17 1/2 ips, 80-6000 cps at 3 3/4 ips • Up to 90 minutes playing time • Low power consumption—economical to operate • Very sensitive pickup • Quiet in operation • Instant start and

stop—no danger of tearing tape • Fast rewind and fast forward speeds • New type, precision "Glo-Light" recording level indicator • Input jack for microphone, radio, TV, record player, telephone, etc. • Output for extension speaker or external amplifier • Transparent lucite dust cover • Good-looking, molded plastic cabinet • Comes complete with microphone, tape, takeup reel, and handsome cardavan type carrying case of durable Tuflex • Carrying case has compartments for microphone, 3 extra tapes, dual earphones, telephone and external speaker connectors.

GELOSO G-255-S TAPE RECORDER Net 143.95

GELOSO ACCESSORIES

phone conversation may be recorded. Complete with cable and plug.

GELOSO 9010 Net 5.56

CONNECTOR SET FOR EXTERNAL POWER AMPLIFIER MODEL 366—"Patch cord", complete with plug and connector.

GELOSO 366 Net 2.36

SINGLE EARPHONE MODEL C39—Fits comfortably and securely on either ear. Clear tone, sensitive, lightweight. Complete with lucite reversible ear holder, 5" cord and plug.

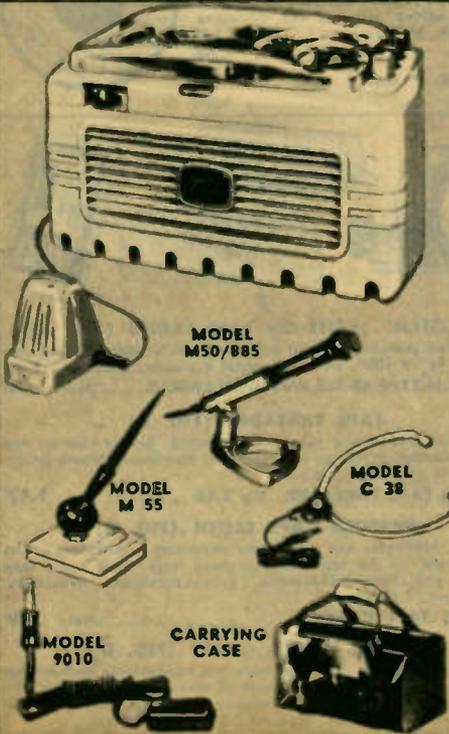
GELOSO C39 Net 7.96

CONNECTOR SET FOR EXTENSION SPEAKER MODEL 362—"Patch card", complete with phone plug and connector.

GELOSO 362 Net 2.36

MAGNETIC RADIO PICKUP MODEL 9009—For recording from radio, TV or phonograph. Complete with cable and plug.

GELOSO 9009 Net 5.56



MODEL M50/885

MODEL M 55

MODEL C 38

MODEL 9010

CARRYING CASE

DESK PEN SET MICROPHONE MODEL M55—Coated microphone with inkwell design. Extremely sensitive, high impedance. Made of black anox plastic with transparent lucite base. 4 1/4" square base, 5 1/4" high. With 54" cable and phone plug and with quality ball-point pen.

GELOSO M55 Net 19.96

MICROPHONE WITH DESK STAND MODEL M50/885—Extremely sensitive high impedance microphone, complete with 8 1/2" cable and plug. 8 1/2" long by 1 3/8" diameter, tapered down to 3/4". Black anox plastic. With swivel desk stand, finished in gray satin metallic.

GELOSO M50/885 Net 19.96

STETHOSCOPE DUAL HEADSET MODEL C38—Sensitive crystal headset. Lightweight, cream-colored plastic. Plastic earlips removable for cleaning. With 5' cable and plug.

GELOSO C38 Net 11.96

TELEPHONE PICKUP MODEL 9010—Both sides of a

ACCESSORIES FOR TAPE RECORDING

DELUXE CARRYING CASE



All-metal tape or record carrying case. Holds 35 reels of tape in either boxes or cans, or from 250 to 300 45 rpm records in convenient indexed storage file. Supplied with 2 index cards and 2 sets of reference tabs numbered from 1 to 150 for use with 45 rpm records. Folding handle on removable cover. Twin snap locks keep cover tightly closed. Large storage space subdivided by metal separators. Handsome hammered finish. Size: 15" x 7 1/2" x 1 1/2". Shpg. wt., 10 lbs.

ML-33 Net 5.40

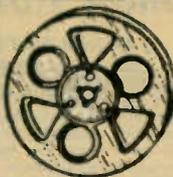
METAL TAPE STORAGE CHEST

2.99

STANDARD CASE

Standard Case: Sturdy all steel carrying case. Holds 12 7" or 5" reels and cans. Twin snap locks for positive closure. Perfect portability—ideal for filing and storage. Guards against exposure to moisture and accidental erasure. Finished in platinum gray hammered. Handle folds for compactness. Includes index cards for quick identification. Metal separators hold each reel erect. Shpg. Wt. 5 lbs.

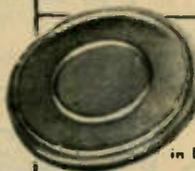
ML-60 Net ea. 2.99



7 INCH EMPTY PLASTIC REELS

INDIVIDUALLY BOXED

Fine plastic reels for recording tape. MS-267 in lots of 6, Each .38
Singly, Each .45



NEW

LOW

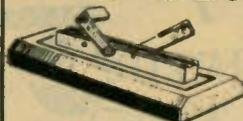
PRICE:

39¢

each

in lots of 6

MAGNETIC TAPE SPLICER



1.47

An excellent accessory that splices tapes accurately and eliminates joint noise. Both ends of tape are cut simultaneously. Nickel brass finish. Wt. 1 lb.

MS-289 1.47

METAL STORAGE CANS

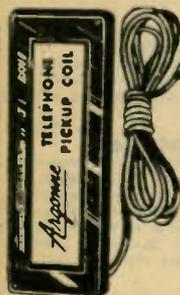
Can holds 7" 1200 ft. tape reel. Gives ultimate in protection to precious recordings. Handsome finish of gray hammer-tone enamel. Cans are ribbed for stacking—give maximum storage in minimum space. Precision fit makes opening and closing easy. Fit perfectly in chests shown above. Shpg. Wt. 8 oz.

ML-61

Net ea. 41¢

Lots of 6, ea. 39¢

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.

STOCK NO. MS-16

\$2.95

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 handy pre-cut splicing tape tabs. Shpg. wt., 6 oz.

MS-376 Tape Splicer Kit Net 1.20

PRE-CUT TAPE TAB REFILLS

For above, 24 pre-cut splicing tape tabs. Shpg. wt., 2 oz.

MS-377 Pre-Cut Tape Tabs Net .20

FLAHAN TAPE THREADER



• IT'S NEW!
• THE TAPE THREADER YOU'VE BEEN ASKING FOR!

At last! No more awkward fumbling, threading a reel. Just place the tape against the reel, slip your Flahan threader over the capstan shaft and over the empty reel. Tip of threader holds the tape firmly against the reel. A few turns on the crank, and you're ready to play or record. Can be used as a manual crank to rotate reel by placing tip in slot nearest spindle. Saves time—saves tape. Shpg. wt., 2 oz.

MS-222 79¢

LEADER-TIMER TAPE

150 ft. x 1/4" roll. Has 1 second interval markings for 3 3/4", 7 1/2" and 15" per second speeds.

SCOTCH 43R1.5 Net .51



SPLICING TAPE

Pressure-sensitive tape made especially for splicing and editing magnetic tape.

Scotch 41-1/25, 1/2" x 150 in. Net 35¢

Scotch 41-7/32L, 7/32" x 66' Net 52¢

SCOTCH EMPTY PLASTIC REELS



Supplied with their own index box. All plastic except as indicated.

Type No.	Size	List Price	1-11 or more Each
RB-3	3" (130')	.25	.17
RB-4	4" (300')	.35	.27
RB-5	5" (400')	.45	.44
RB-7	7" (1200')	.75	.50
RB-10 1/2 M	10 1/2" (2400')	4.50	3.00
RB-14 M	14" (4800')	8.70	5.00

* Metal
NARTS Metal

ROBINS "GIBSON GIRL" SPLICER



Cuts 2 rounded indentations in the tape splice, leaving the edges of the tape which contact parts of the recorder entirely free of adhesive. Adhesive deposited on initial parts of recorder is a frequent cause of wow and flutter. As little as 1/4" tape need be removed. Shpg. wt., 1/2 lb.

MS-288 Net \$6.25



ADHESIVE REEL LABELS

Inconvenient press-on adhesive labels for positive identification of tape reels. Easy to apply or remove.

MS-292 Pkg. of 30 16¢

ATTA-GLANCE DISCS

• CATALOGING, INDEXING DISCS.

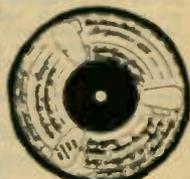
The Atta-Glance tape selector disc fits on the spindle and revolves with the reel. It combines I.P.S. timing, editing, indexing, and cataloging right on top of the reel for fast easy reference. Simple to select starting and finishing positions for each subject recorded. Permits accurate editing, indexing and cataloging.

MS-223, 5" dia. Each 15¢

12 for 1.00

MS-224, 7" dia. Each 15¢

12 for 1.00



INDUCTION TELEPHONE PICKUP



Newly designed telephone pickup that attaches to earpiece of telephone by a suction cup. Picks up both sides of conversation and may be used on any type telephone. No electrical connection to telephone needed. Just connect directly to any recorder. This method of pickup gives high output and exceptional fidelity. Complete with 6 ft. cord and instructions. Shpg. wt., 1 lb.

MS-328 Net 7.35

ELECTRO SCRIBER TELEPHONE PICKUP

• NEW WAY TO AMPLIFY, RECORD, AND MAKE A PERMANENT RECORD OF YOUR TELEPHONE CONVERSATIONS.

Avoid the anxiety and expense resulting from "re-hash" of long distance conversations. Simply place phone base on Electro Scriber. Plug Electro Scriber into amplifier. If improved reception is desired, or into recorder if a permanent record is desired. Turn on amplifier or recorder and relax. The conversation will be clearly audible to you or anyone else in the room, or you will have a clear permanent record, if recorded.

MS-220 — Model ES701 — 7.35

MS-221 — Model ES702 — 8.33

for push button phone

RECORDING TAPE-DISCS-and ACCESSORIES



\$1.50
600 FT. REEL

NEW LOW PRICES

HIGH OUTPUT TAPE

Gives 8 to 12 db higher output than type 111A

Type No.	Reel	Length	List Price	Net Each		
				1 to 11	12 or More	12 or More
120A-12	7"	1200'	5.50	3.67	3.30	
120A-24H	Hub	2400'	10.00	6.67	6.00	
120A-24R	10 1/2"	2400'	12.85	8.57	7.71	

SCOTCH RECORDING TAPE NEW LOW PRICES

Type No.	Reel Size	Length Feet	List Price	Net Each		
				1 to 11	12 or More	12 or More
111A-15	3"	150	.85	.57	.51	
111A-3	4"	300	1.50	1.00	.90	
111A-6	5"	600	2.25	1.50	1.35	
111A-12	7"	1200	3.50	2.34	2.10	
111A-24H†	Hub	2400	8.50	5.67	5.10	
111A-24R†	10 1/2"	2400	10.90	7.27	6.54	
111A-48H†	Hub	4800	17.00	11.33	10.20	
111A-48R#	14"	4800	22.10	14.73	13.26	

All are on plastic reels except †=NARTB hub; * = 10 1/2" NARTB reel; # = 14" NARTB reel.

SCOTCH EXTRA PLAY TAPES

50% more playing time on standard size reels. 1 mil acetate base. All on plastic reels except * is 10 1/2" NARTB aluminum reel.

Type No.	Reel	Length Ft.	List Price	Net Each		
				1-11	12 or more	12 or more
190A-9	5"	900	3.50	2.34	2.10	
190A-18	7"	1800	5.50	3.67	3.30	
190A-36R	10 1/2"*	3600	12.85	8.57	7.71	

SCOTCH MYLAR TAPE

Extra play tape on 1 mil extra strong Mylar base. All plastic reels except * is 10 1/2" NARTB aluminum reel.

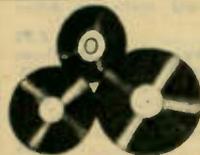
Type No.	Reel	Length Ft.	List Price	Net Each		
				1-11	12 or more	12 or more
150-9	5"	900	4.40	2.93	2.64	
150-18	7"	1800	7.95	5.30	4.77	
150-36R	10 1/2"*	3600	17.95	11.97	10.77	

400 AUDIO HEAD DEMAGNETIZER



5.88

In normal use, the recording head which left the factory unmagnetized tends to accumulate magnetism. This may substantially increase the noise level. The audio demagnetizer will remove any permanent magnetism from the head. Operates on 110V and 60 cycle AC. Shpg. wt., 1 lb. Audio 400 Demagnetizer Net 5.88



RECORDISC RECORDING BLANKS

For Semi-Professional and Home Use. Orange Label: Processed paper base with a cellulose Nitrate coating. Double faced.

Stock	Dia.	Each	4 for
ORANGE LABEL	6 1/2"	.17	.90

Red Label: Professional grade with cellulose nitrate coating. .021" aluminum base.

Stock	Dia.	Each	3 for
RED LABEL	6 1/2"	.30	1.35
	8"	.40	1.80
	10"	.59	2.70
	12"	.73	3.30

Purple Label: Aluminum based, low cost disc.

Stock	Dia.	Each	3 for
PURPLE LABEL	6 1/2"	.23	1.05
	8"	.33	1.50
	10"	.46	2.10

"GM" label is wide range: Semi-professional .021" Aluminum base.

Stock	Dia.	Each	3 for
GM LABEL	8"	.53	2.40
	10"	.66	3.00
	12"	.83	3.75

NEW 7" AUDIO DISC FOR 45 RPM

Red Label aluminum base recording disc made to exact dimensions of commercial 45 RPM records. Complete with center hole adapter that permits these discs to be cut on any standard disc recorder having the conventional center pin and drive arrangement. Playback on any 45 RPM player or changer.

RED LABEL 7" AUDIO DISC.....	.91
Lots of 25.....	20.58

"LONG LIFE" TAPE RECORDER MAINTENANCE KIT



CLEANER & LUBRICANT 1.50

The "Long Life" kit contains both a cleaner and lubricant for tape recorder heads and guides. The cleaner dissolves grease and grit, removing foreign matter from heads and tape, while lubricant reduces friction to a minimum. Recordings have greater clarity and better frequency response. Brushes contained in bottle caps. 2 oz. of each fluid. Shpg. wt., 1/2 lb. PK-103—Recorder Cleaner and Lubricant Kit.....Net 1.50

STERADAPTER

Convert Your Recorder to Binaural Playback



Permits full-fidelity playback of "in-line or stacked" stereophonic tape recordings. Quick, easy installation using ordinary tools. Designed to fit almost all popular make tape recorders. Fits only recorder having mounting room on side of case and a clear passageway for tape to travel across the face of the deck (See Illustration). After installation, one channel plays through your present recorder and second channel plays through any other amplifier system having a preamp. If your system does not have a preamp, you will require preamp listed below.

MODEL 4902 Dacron 2 Channel Steradapter.....	Net 22.46
MODEL 4501A Dacron 1 Channel-Transistor Booster Preamp with volume control.....	Net 18.37

CONVERSION UNITS FOR VIKING

To convert Viking to in-line stereo. Contains head, hardware and new capstan cover.

MODEL 4800.....	31.85
2 Channel transistor preamplifier.....	29.35
VIKING MODEL 4502.....	29.35

TAPE RECORDISTS KIT



A handy assortment of most essential items for the tape recording enthusiast. Contains PK-103 Long Life Cleaner and Lubricant kit, Cousins tape splicer, Flahon tape threader, 150' roll 1/2" splicing tape, 150 ft. roll leader-timer tape, and package of 12 7" at-a-glance cataloging indexing discs. Shpg. Weight 3 lbs.

M3-372.....	4.69
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REEVES SOUNDCRAFT "PLUS 50" AND "PLUS 100" EXTRA LONG PLAY RECORDING TAPE

The new Dupont Mylar plastic, incorporating strength with super thin base makes possible up to double the playing time on the same size reel. You can now record an entire symphony on a single reel, eliminating annoying interruptions. All on plastic reels except * is fiberglass with filled center, 5/16" hole.



REEVES NO.	REEL SIZE	LENGTH FT.	LIST PRICE	NET EACH	
				SINGLY	In Lots of 10
PL-9	5"	900'	3.50	2.33	2.10
PL-18	7"	1800'	6.00	4.00	3.60
XP-12	5"	1200'	4.75	3.17	2.85
XP-24	7"	2400'	8.50	5.67	5.10
XP-52*	10 1/2"	5200'	21.00	14.00	12.60

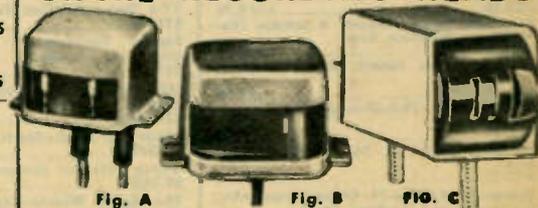
COLOR CODED AUDIOTAPE

1 1/2 mil acetate base is color coded for easy identification to locate specific recordings, etc. Same high quality as uncolored tapes. On plastic reels.



COLOR		LENGTH FT.	REEL	NET EACH	
GREEN	BLUE			1-9	10 or more
651G	651B	600'	5"	1.55	1.43
1251G	1251B	1200'	7"	2.40	2.23

SHURE RECORDING HEADS



Half track (upper track) replacement heads for tape recorders. All are high impedance except * is low. Type TR5B equipped with Cinch plug and 14" insulated leads. Average shpg. wt. 1/2 lb.

SHURE NO.	FIG.	FUNCTIONS	REPLACEMENT FOR	LIST PRICE	NET EACH
815*	A	RECORD-PLAYBACK ERASE	BELL RT-65 REVERE T10C, TR200 SHURE TR5, TR5H	15.00	8.82
815H	A	RECORD-PLAYBACK ERASE	REVERE T500, TR600 TAPEMASTER TH21, PT121, PT125	15.00	8.82
816	B	RECORD-PLAYBACK	AMPRO 730, 731 MASCO R-3, M-60 SHURE TR6C	12.00	7.06
817*	C	RECORD-PLAYBACK	RCA SRT-403, 402, 401 WILCOX GAY 3A11 SHURE TR16A	9.00	5.29
TR5B	A	RECORD-PLAYBACK ERASE	REVERE T-700, TR800, TR-20 SHURE TR5D	17.00	10.00
TR16	C	RECORD-PLAYBACK	WILCOX GAY 3A10, 2A-10B	9.00	5.29

STEREOPHONIC PRE-RECORDED TAPES

RCA VICTOR

- For use with Stacked/Inline heads
- Also Sprech-Zarathustra (R. Strauss) Chicago Symphony, Reiner
- ECS-1 Net 11.96
- Ein Heldenleben (R. Strauss) Chicago Symphony, Reiner Net 13.56
- ECS-2 Net 11.96
- Concerto For Jazz Band and Symphony Orchestra (Liebermann) and Don Juan (R. Strauss) Chicago Symphony, Reiner & Sauter-Finegan; Chicago Symphony, Reiner
- ECS-3 Net 11.96
- Viola Concerto (Brahms) Heifetz & Chicago Symphony, Reiner Net 11.96
- ECS-4 Net 11.96
- Symphony No. 6 "Pathétique" (Tchaikovsky) Boston Symphony, Montoux
- GCS-5 Net 15.16
- Symphony Fantastique (Berlioz) Boston Symphony, Munch
- GCS-6 Net 15.16
- Symphony No. 5 (Beethoven) Boston Symphony, Munch
- ECS-7 Net 11.96
- Plena Concerto No. 1 (Tchaikovsky) Gilels & Chicago Symphony, Reiner
- ECS-8 Net 11.96
- Concerto For Orchestra (Bartok) Chicago Symphony, Reiner
- ECS-9 Net 11.96
- Symphony No. 41 in C, K. 551 "Jupiter" (Mozart) Chicago Symphony, Reiner
- DCS-10 Net 10.36
- Symphony No. 7 in A (Beethoven) Chicago Symphony, Reiner
- ECS-11 Net 11.96
- Nectarées (Debussy) Boston Symphony, Montoux
- GCS-12 Net 8.76
- Symphony No. 8 in B Minor "Unfinished" (Schubert) Boston Symphony, Munch
- GCS-13 Net 8.76
- Symphony No. 2 in D (Brahms) Boston Symphony, Munch
- FCS-14 Net 13.56
- Gaite Parisienne (Offenbach) Boston Pops, Fiedler
- ECS-15 Net 11.96
- Poeme (Chausson): Introduction & Rondo Capriccioso (Saint-Saëns) Oistrakh (Violin) & Boston Symp., Munch
- GCS-16 Net 8.76
- Grand Canyon Suite (Graeffe) Boston Pops, Fiedler
- ECS-17 Net 11.96
- Romeo and Juliet (Prokofiev) Members of the NBC-Symphony, Stokowski
- DCS-18 Net 10.36
- Piano Concerto No. 2 (Rachmaninoff) Rubinstein (Pianist) & Chicago Symphony, Reiner
- ECS-19 Net 11.96
- Rhapsody On A Theme Of Paganini (Rachmaninoff) Rubinstein (Pianist) & Chicago Symphony, Reiner
- GCS-20 Net 8.76
- Balera (Ravel) & Prelude To The Afternoon Of A Faun (Debussy) Boston Symphony, Munch
- GCS-21 Net 8.76
- Romeo & Juliet (Tchaikovsky) Boston Symphony, Munch
- BCS-22 Net 7.16
- Concerto No. 16E Flat (Liszt) Rubinstein (Pianist), RCA Symphony, Wallenstein
- BCS-31 Net 7.16
- Ballet Suite From Sebastian (Menotti) NBC Symphony, Stokowski
- GCS-29 Net 8.76
- Brass & Percussion Marches with A Striking New Sound, by Morton Gould & His Symphonic Band
- GCS-30 Net 8.76
- Rhapsodie Espanol (Ravel) & LaValse (Ravel) Boston Symphony, Munch
- GCS-36 Net 8.76
- Mephisto Waltz (Liszt) Chicago Symphony, Reiner
- ACS-25 Net 5.56
- 1812 Overture (Tchaikovsky) Chicago Symphony, Reiner
- ACS-26 Net 5.56
- Till Eulenspiegel (R. Strauss) Vienna Phil., Reiner
- ACS-27 Net 5.56
- Selame: Final Scene (R. Strauss) Inge Borkly, Soprano; Chicago Symphony, Reiner
- GCS-23 Net 8.76
- Death and Transfiguration (R. Strauss) Vienna Phil., Reiner
- GCS-28 Net 8.76
- Viola Concerto in D (Beethoven) Heifetz, Boston Symphony, Munch
- FCS-24 Net 13.56
- William Tell Overture (Rossini) March Stave (Tchaikovsky) Boston Pops, Fiedler
- BCS-41 Net 7.16
- Strauss Waltzes Boston Pops, Fiedler
- GCS-45 Net 8.76
- Sketches By Skitch Skitch Henderson and Orchestra
- GCS-49 Net 8.76
- Lean Horse At The Waldorf From This Moment On, Mead Indigo, etc.
- CPS-11 Net 8.76
- New Girl In Town Original Broadway Cast
- CPS-79 Net 8.76
- Classical Symphony (Prokofiev)
- ACS-37 Net 5.56
- Piano Concerto A Minor (Grieg) Rubinstein (Pianist)
- DCS-47 Net 10.36

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- ZF-4 Net 11.96
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- ZF-6 Net 11.96
- Tch—Symphony No. 3
- ZF-7 Net 11.96
- The Orchestra—L. Stokowski
- ZM-8 Net 13.56
- House of the Lord—Roger Wagner Chorale
- ZF-9 Net 11.96
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- ZO-11 Net 10.36
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- ZD-10 Net 10.36
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- ZD-12 Net 10.36
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- ZC-13 Net 8.76

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- S-703 Net 8.95
- More Tchaikowsky in Stereo
- S-704 Net 8.95
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- STD-6 Net 5.66
- Steele Holiday—12 Selections from Omegetape releases
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- Military Marches—Vienna Army Battalion Band
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- 1203 Net 8.95
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- MDS2-2 Net 9.71
- Let's Dance—David Carrall and Orchestra
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- SWB 8002 Net 8.95
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- SWB 8010 Net 8.95
- Beethoven: Symphony No. 5 in C Minor, Op. 67—Philharmonic Symphony Orchestra of London; Rodzinski, cond.
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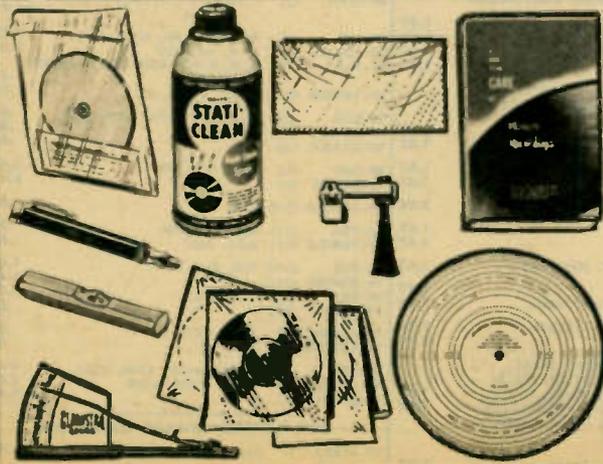
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- 20215 BEETHOVEN PIANO CONCERTO NO. 1 IN C
- 20214 TSCHAIKOWSKY SYMPHONY NO. 4 IN F MINOR
- 20213 MATHA EXCERPTS
- 20212 ROCK AND RHYTHM
- 20211 AN HOUR WITH MENDELSSOHN
- 20210 BEETHOVEN VIOLIN CONCERTO IN D
- 20209 SCHUMANN SYMPHONY NO. 2 IN C MAJOR
- 20208 PAGLIACCI
- 20207 SONGS FROM DESERT SONG
- 20204 MANUEL DE FALLA—NIGHTS IN THE GARDENS OF SPAIN, MOZART EINE KLEINE NICHTMUSIK
- 20205 CHOPIN PIANO CONCERTO IN E MINOR NO. 1
- 20204 WILLIAM BOYCE
- 20203 CAVALLERIA BUSTICANA
- 20202 MY FAIR LADY
- 20201 AN HOUR OF OFFENBACH MUSIC
- 20200 BRAHMS VIOLIN CONCERTO IN D MAJOR
- 20199 MAHLER SYMPHONY NO. 4 IN G MAJOR
- 20198 MADAME BUTTERFLY
- 20197 THE KING AND I
- 20196 AN HOUR WITH WAGNER
- 20195 TSCHAIKOWSKY CONCERTO NO. 1 IN B FLAT MINOR
- 20194 BEETHOVEN SYMPHONY NO. 1 IN C MAJOR
- 20193 CARMEN—ARIAS
- 20192 BOOGIE WOOGIE BY THE ALL STARS
- 20191 30 CHILDREN'S MUSICAL STORIES, GAMES AND SONGS
- 20190 BERLIOZ OVERTURES
- 20189 BEETHOVEN OVERTURES
- 20188 AN HOUR WITH FRANZ SCHUBERT
- 20187 HAYDN SYMPHONY NO. 101 IN D "CLOCK"
- 20186 MOZART, PIANO CONCERTO IN D MINOR
- 20185 SCHUBERT SYMPHONY NO. 7 (9) IN C MAJOR
- 20184 HAYDN SYMPHONY NO. 100 IN G "THE MILITARY"
- 20183 HAYDN SYMPHONY NO. 92 IN G "THE ORIOB"
- 20182 DVORAK SYMPHONY NO. 4 IN G
- 20181 HEART OF THE CELLO CONCERTO
- 20180 LALO SYMPHONIE ESPAGNOLE
- 20179 LALO CELLO CONCERTO
- 20178 BRAHMS VIOLIN CONCERTO
- 20177 WILLIAM BOYCE SYMPHONIES

- 20176 MUSIC OF FRANZ SCHUBERT
- 20175 DVORAK SYMPHONY NO. 4
- 20174 SCHUMANN CELLO CONCERTO IN A MINOR
- 20173 HIGHLIGHTS OF THE PIANO CONCERTOS
- 20172 VERDI'S AIDA AND LA TRAVIATA
- 20171 MANDEL THE MESSIAH EXCERPTS
- 20141 MOZART COSI FAN TUTTI
- 20140 STRAUSS SALOME
- 20139 WAGNER DAS RHEINGOLD
- 20138 TSCHAIKOWSKY EUGEN ONEGIN
- 20137 WAGNER GOTTERDAMMERUNG
- 20136 BRAHMS SYMPHONY NO. 4 IN E MINOR
- 20135 BRAHMS SYMPHONY NO. 2
- 20218 GIRLS PLAYS LISZT
- 20222 DAVID OISTRAKH PLAYS
- 20129 BEETHOVEN SYMPHONY NO. 2 IN D MAJOR
- 20128 MOZART SONATAS
- 20127 SHOW BOAT
- 20126 CAROUSEL
- 20125 PIANO PANORAMA
- 20124 POPS IN MARCH TEMPO
- 20123 SOUTH PACIFIC
- 20122 MENDELSSOHN PIANO CONCERTO NO. 1 & 2
- 20121 PETER AND THE WOLF, ETC.
- 20120 SORCERER'S APPRENTICE, ETC.
- 20119 ROBERTA
- 20118 GERSHWIN—AN AMERICAN IN PARIS, FINLANDIA, ETC.
- 20117 POLKA DANCES
- 20116 CONCERT FAVORITES—AL SACK ORCHESTRA
- 20115 FORGY AND BESS
- 20114 OKLAHOMA
- 20113 SPIRITUALS
- 20112 IRISH SONG FESTIVAL
- 20111 REAL CUBAN RHYTHMS AND SOUTH AMERICAN TEMPOS
- 20110 THE HYMNS WE LOVE BEST AND SACRED ORGAN SELECTIONS
- 20109 "POP" CONCERT
- 20108 12 CHILDREN'S STORIES
- 20107 POET AND PEASANT, MARCH SLAV, ETC.
- 20106 CIRCUS MARCHES AND AMERICAN ANTHEMS
- 20105 SWING YOUR PARTNER
- 20104 GERSHWIN RHAPSODY IN BLUE—HUNGARIAN RHAPSODY
- 20103 LA BOMBE AND LOHENGRIIN ARIAS
- 20102 SONGS OF AMERICA INC. COUNTRY FAVORITES
- 20101 A DANCE RECORD
- 20100 TSCHAIKOWSKY SLEEPING BEAUTY SUITE—FRANCESCA DA RAMINI FANTASIA
- 2099 OFFENBACH LA VIE PARISIENNE
- 2098 MENDELSSOHN "SCOTCH" SYMPHONY NO. 3 IN A MINOR

- 2097 MOZART EINE KLEINE NACHTMUSIK—TILL EULENSPIEGELS LUSTIGE STREICHE
- 2096 HAYDN SYMPHONY NO. 103 IN E FLAT "DRUM ROLL"
- 2095 BRAHMS ACADEMIC FESTIVAL, TRAGIC OVERTURES, VARIATIONS ON A THEME IN A MAJOR
- 2094 TSCHAIKOWSKY SYMPHONY NO. 5 IN E MINOR
- 2093 LISZT PIANO NO. 2—MEPHISTO WALTZ, ETC.
- 2092 LIZET LES PRELUDES—PIANO CONCERTO NO. 1 IN E FLAT
- 2091 BERLIOZ SYMPHONIES FANTASTIQUE
- 2090 WAGNER PARSIFAL
- 2089 RIMSKY-KORSAKOFF CAPRICCIO ESPAGNOL
- 2088 FRANCK SYMPHONY IN D MINOR
- 2087 GREIG PEER GYNT SUITE NO. 2—SMETANA "DIE MOLDAU"
- 2086 BEETHOVEN SYMPHONY NO. 7 IN A MAJOR
- 2085 SCHUMANN "RHENISH" SYMPHONY NO. 3 IN E FLAT
- 2084 OFFENBACH TALES OF HOFFMANN—KALMAN GYPSY PRINCESS
- 2083 BRAHMS SYMPHONY NO. 3 IN F MAJOR
- 2082 BIZET ROMA SUITE
- 2081 MOZART LINZ AND PARIS SYMPHONY
- 2080 WAGNER—TAMMHAUSER—EXCERPTS—THE FLYING DUTCHMAN
- 2079 TSCHAIKOWSKY "POLISH" SYMPHONY
- 2078 FAMOUS BALLETS
- 2077 VIOLIN CONCERTO HIGHLIGHTS
- 2076 BRAHMS SYMPHONY NO. 1 IN C MINOR
- 2075 DANCE OF THE HOURS—HUNGARIAN DANCES
- 2074 BERLIOZ—CARNIVAL OF ROME—LENORE OVERTURE 1 & 2
- 2073 MERRY WIDOW
- 2072 TWILIGHT MUSIC
- 2071 MENDELSSOHN VIOLIN CONCERTO IN E MINOR
- 2070 10 HITS OF THE GAY NINETIES
- 2069 PICTURES AT AN EXHIBITION
- 2068 TSCHAIKOWSKY SWAN LAKE BALLET
- 2067 VIENNESE WALTZES
- 2066 SCHUMANN "SPRING" SYMPHONY NO. 1 IN B FLAT
- 2065 GRIEG PIANO CONCERTO IN A MINOR
- 2064 OPERETTA GEMS
- 2063 MENDELSSOHN "ITALIAN" SYMPHONY NO. 4 IN A
- 2062 RACHMANINOFF PIANO CONCERTO NO. 2 IN C MINOR
- 2061 GILBERT & SULLIVAN SELECTIONS
- 2060 BEETHOVEN'S PASTORALE SYMPHONY
- 2059 POPULAR DANCE TIME
- 2058 TSCHAIKOWSKY'S VIOLIN CONCERTO IN D MAJOR
- 2057 16 SHOW HITS

- 2056 BEETHOVEN—THE EMPEROR PIANO CONCERTO
- 2055 A "MUSICAL TRAVELOGUE"
- 2054 MOZART JUPITER SYMPHONY
- 2053 ORGAN FAVORITES
- 2052 THE BEAUTIFUL PIANO THEMES OF CHOPIN
- 2051 POP CONCERT OF OLD FAVORITES
- 2050 RIMSKY-KORSAKOFF SCHEHERAZADE
- 2049 VICTOR HERBERT MELODIES
- 2048 MOZART SYMPHONY NO. 40
- 2047 DVORAK NEW WORLD SYMPHONY
- 2046 TSCHAIKOWSKY "PAYHETIQUE" SYMPHONY
- 2045 TSCHAIKOWSKY FAVORITES
- 2044 A GREAT LIGHT CONCERT
- 2043 RELAX AND ENJOY SWEET MUSIC
- 2042 STRAUSS WALTZES AND OVERTURES
- 2041 CHOPIN PIANO BALLEADES
- 2040 HAYDN SURPRISE SYMPHONY & SCHUBERT'S UNFINISHED
- 2039 PIANO FAVORITES
- 2038 WORLD FAVORITES
- 2037 BACH CHORAL MUSIC
- 2036 MOZART PIANO CONCERTO NO. 12
- 2035 MOZART SYMPHONY NO. 36
- 2034 AT THE BALLET
- 2033 MUSIC OF DVORAK
- 2032 LIGHT CONCERT MUSIC
- 2031 MENDELSSOHN'S MIDSUMMER NIGHT'S DREAM
- 2030 FAMOUS SUITES
- 2029 GYPSY CONCERT MUSIC
- 2028 LATIN FAVORITES
- 2027 STRAUSS MUSIC
- 2026 MUSIC OF MOZART
- 2025 POLKA PARTY
- 2024 MUSIC OF TSCHAIKOWSKY
- 2023 MOONLIGHT CONCERT
- 2022 HAWAIIAN MUSIC
- 2021 FAMOUS OVERTURES
- 2020 MUSIC OF THE OPERAS
- 2019 OPERETTA HIGHLIGHTS
- 2018 IMMORTAL MELODIES OF THE ORGAN
- 2017 BACH & BEETHOVEN CONCERT
- 2016 THE BEST KNOWN HYMNS
- 2015 24 ALL TIME HIT SONGS
- 2014 OPERA FAVORITES
- 2013 MARCHES
- 2012 SYMPHONIC HIGHLIGHTS
- 2011 THE GAY MUSIC OF THE DANUBE
- 2010 CANDLELIGHT MUSIC
- 2009 OVERTURES OF THE OPERAS
- 2008 CHOPIN AND OTHER PIANO MUSIC
- 2007 TSCHAIKOWSKY AND GRIEG
- 2006 BRAHMS MUSIC
- 2005 BIZET AND BORODIN
- 2004 WALTZ TIME
- 2003 OPERA HIGHLIGHTS
- 2002 BEETHOVEN'S THIRD SYMPHONY
- 2001 BEETHOVEN'S FIFTH SYMPHONY



NEW! DELUXE RECORD CARE KIT 7.45

Lafayette has assembled a complete set of carefully selected accessories essential to the care and maintenance of your records and record playing equipment—and all at a considerable saving! The items contained in this kit make possible a thorough check of the operation of your turntable or record changer and examine the condition of your stylus and record grooves. A well written authoritative 25 page book provides you with expert information pertaining to the care of your recordings. Shpg. wt., 6 lbs.

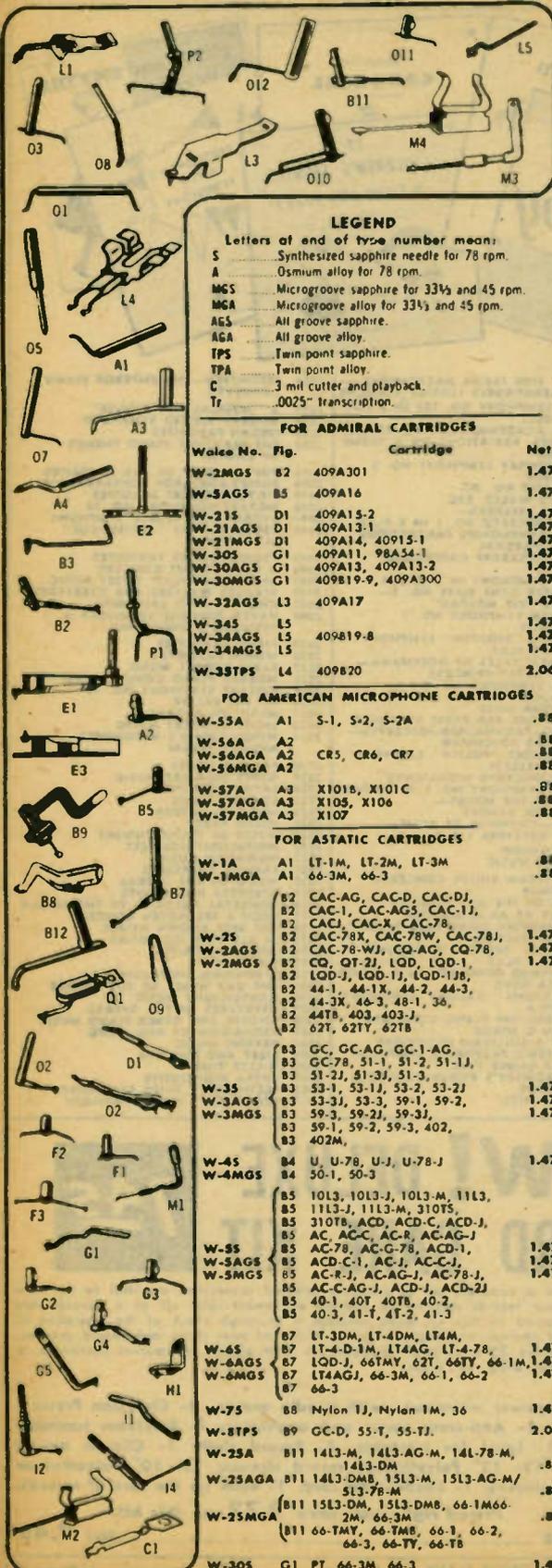
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- 1- 75 power microscope with needle groove;
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 - 1- Anti-static spray and applicator;
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 - 1- Record cloth;
 - 1- Clip-on needle brush;
 - 12- 12" Polyethylene record sleeves;
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WALCO REPLACEMENT NEEDLES



LEGEND
 Letters at end of type number mean:
 S Synthesized sapphire needle for 78 rpm.
 A Osmium alloy for 78 rpm.
 MGS Microgroove sapphire for 33 1/3 and 45 rpm.
 MGA Microgroove alloy for 33 1/3 and 45 rpm.
 AGS All groove sapphire.
 AGA All groove alloy.
 TPS Twin point sapphire.
 TPA Twin point alloy.
 C 3 mil cutter and playback.
 Tr .0025" transcription.

FOR ADMIRAL CARTRIDGES

Walco No.	Fig.	Cartridge	Net
W-2MGS	B2	409A301	1.47
W-5AGS	B5	409A16	1.47
W-315	D1	409A15-2	1.47
W-21AGS	D1	409A13-1	1.47
W-21MGS	D1	409A14, 40915-1	1.47
W-30S	G1	409A11, 98A54-1	1.47
W-30AGS	G1	409A13, 409A13-2	1.47
W-30MGS	G1	409B19-9, 409A300	1.47
W-32AGS	L3	409A17	1.47
W-34S	L5		1.47
W-34AGS	L5	409819-8	1.47
W-34MGS	L5		1.47
W-35TPS	L4	409820	2.06

FOR AMERICAN MICROPHONE CARTRIDGES

Walco No.	Fig.	Cartridge	Net
W-55A	A1	S-1, S-2, S-2A	.88
W-56A	A2		.88
W-56AGA	A2	CR5, CR6, CR7	.88
W-56MGA	A2		.88
W-57A	A3	X1018, X101C	.88
W-57AGA	A3	X105, X106	.88
W-57MGA	A3	X107	.88

FOR ASTATIC CARTRIDGES

Walco No.	Fig.	Cartridge	Net
W-1A	A1	LT-1M, LT-2M, LT-3M	.88
W-1MGA	A1	66-3M, 66-3	.88
W-25	B2	CAC-AG, CAC-D, CAC-DJ, CAC-1, CAC-AGS, CAC-1J, CACJ, CAC-78, CAC-78X, CAC-78W, CAC-78J, CAC-78-WJ, CQ-AG, CQ-78, CQ, QT-2J, LOD, LOD-1, LOD-J, LOD-1J, LOD-1JB, 44-1, 44-1X, 44-2, 44-3, 44-3X, 46-3, 48-1, 36, 44T8, 403, 403-J, 62T, 62TY, 62TB	1.47
W-35	B3	GC, GC-AG, GC-1-AG, GC-78, 51-1, 51-2, 51-1J, 51-2J, 51-3J, 51-3	1.47
W-3AGS	B3	53-1, 53-1J, 53-2, 53-2J	1.47
W-3MGS	B3	53-3, 53-3, 59-1, 59-2, 59-3, 59-2J, 59-3J, 402M	1.47
W-4S	B4	U, U-78, U-J, U-78-J	1.47
W-4MGS	B4	50-1, 50-3	1.47

Walco No.	Fig.	Cartridge	Net
W-55	B5	10L3, 10L3-J, 10L3-M, 11L3, 11L3-J, 11L3-M, 310TS, 310TB, ACD, ACD-C, ACD-J, AC, AC-C, AC-R, AC-AG-J, AC-78, AC-78J, ACD-1, ACD-1, ACD-C-1, AC-J, AC-C-1, AC-R-J, AC-AG-J, AC-78-J, AC-C-AG-J, ACD-J, ACD-2J, 40-1, 40T, 40TB, 40-2, 40-3, 41-T, 41-T-2, 41-3	1.47
W-55	B5	40-1, 40T, 40TB, 40-2, 40-3, 41-T, 41-T-2, 41-3	1.47

Walco No.	Fig.	Cartridge	Net
W-4S	B7	LT-3DM, LT-4DM, LT4M, LT-4-D-1M, LT4AG, LT-4-78, 67	1.47
W-6AGS	B7	LQD-J, 66TMY, 62T, 66TY, 66-1M, 1.47	
W-6MGS	B7	LT4AGJ, 66-3M, 66-1, 66-2, 66-3	1.47
W-7S	B8	Nylon 1J, Nylon 1M, 36	1.47
W-8TPS	B9	GC-D, 55-T, 55-TJ	2.06
W-25A	B11	14L3-M, 14L3-AG-M, 14L3-78-M, 14L3-DM	.88
W-25AGA	B11	14L3-DMB, 15L3-M, 15L3-AG-M/5L3-78-M	.88
W-25MGA	B11	15L3-DM, 15L3-DMB, 66-1M66-2M, 66-3M	.88
W-30S	G1	PT, 66-3M, 66-3	1.47

Walco No.	Fig.	Cartridge	Net
W-38TPS	B9	57-T, 57-TJ	2.06
W-39S	B12	12L3-M, 66-1M, 66-2M, 66-3M, 66-TMY, 66-TY, 66-TMS, 66-TS, 62-1, 62-1M, 64-T5, 64-TMS, 68-1M, 68-2M, 68-3M, 68TS, 68TMS, 68TMY, 68TY, 68-TMB, 68TB, 94TB, 94TMB, 405, 406	1.47
W-39AGS	B12		1.47
W-39MGS	B12		1.47
W-64S	C1	310-T, 310-TB, 310-TS, 310-2, 414-1, 420TS, 422TS	1.47
W-64AGS	C1		1.47
W-64MGS	C1	424-TS	1.47

FOR ELECTRO VOICE CARTRIDGES

Walco No.	Fig.	Cartridge	Net
W-215	D1	14, 14S, 1454, 20, 22, 34, 34S, 44, 44S, 46-46T, 47, 74, 74S, 13, 33, 33-2, 33-3, 33-4, 33S, 33S, 33-52, 33-54E, 43, 43-5, 73, 10, 12, 12S, L-12, M-12, 20, 22, 32, 32-5, 42-42-5, 46, 46T, 47, 47, 72, 82, 82D, 82DM, 82S, 82SM, 84, 84D, 84DM, 84S, 84SM, 85D, 85DM, 86S, 86M, 86D, 86DM, 96, 96-T, 96-O, 96-OT, 96-S, 96-ST	1.47
W-21AGS	D1		1.47
W-21MGS	D1		1.47
W-22TPS	D2	16, 16-TT, 16-O, 16-OTT, 16-S, 16-STT	2.06
	D2	16-3, 16-5, 26	

FOR GENERAL ELECTRIC CARTRIDGES

Walco No.	Fig.	Cartridge	Net
W-67S	E1	RPX-040, RPX-041, RPX-042	2.06
W-67MGS	E1	RPX-046, RPX-061, RPX-063	2.06
W-68S	E2	For All A Series Cartridges	2.06
W-68TR	E2	For All A Series Cartridges	2.06
W-68TRS	E3	For ALL RPX and A Series cartridges	3.50
W-68TPTRS	E3		3.50

FOR GOLDRING CARTRIDGES

Walco No.	Fig.	Cartridge	Net
W-91MGS	Q1	500	1.77

FOR MAGNAVOX CARTRIDGES

Walco No.	Fig.	Cartridge	Net
W-25	B2	560052, 102500	1.47
W-33TPS	L4	560207-1	2.06
W-35TPS	L4	560188-2	2.06
W-50A	F1	560101, 560102	.88
W-51TPA	F2	560133, 560170	1.47
W-52TPS	F3	560151 Series	2.06
W-64S	C1	560176	1.47
W-64MGS	C1		1.47
W-75TPS	M1	560161	2.06

FOR PHILCO CARTRIDGES

Walco No.	Fig.	Cartridge	Net
W-30S	G1	35-2671-1	1.47
W-45MGS	G2	35-2682, 45-1609, 45-1612, 76-4053	1.47
W-46TPS	G3	425-0009, 425-0014, 45-9785, 45-9612, 76-4649	2.06
W-47MGS	G4	45-9792	1.47
W-48S	G5	45-1844, 76-1622, 76-1622-1	1.47
W-64S	C1	325-8014, 325-8021	1.47
W-64AGS	C1		1.47
W-64MGS	C1		1.47
W-73TPS	M1	325-8018	2.06
W-77TPS	M3	325-8016	2.06

FOR PICKERING CARTRIDGES

Walco No.	Fig.	Cartridge	Net
W-53S	H1		1.47
W-53AGS	H1	R150	1.47
W-53MGS	H1		1.47
W-53TR	H1		1.47

FOR RCA CARTRIDGES

Walco No.	Fig.	Cartridge	Net
W-25	B3	73839	1.47
W-3MGS	B3	74984, 76297	1.47
W-55	B5	76257 (988370-2)	1.47
W-5MGS	B5	101955	1.47
W-8TPS	B9	100329	2.06
W-29S	I1	75044	1.47
W-29MGS	I1		1.47
W-30MGS	G1	76257, (988370-1)	1.47
W-32S	L3		1.47
W-32MGS	L3	18478, 162A001	1.47
W-39S	B12	102321, 101316	1.47
W-39MGS	B12		1.47
W-42S	12	9890, 9953, 38453, 38598, 39550, 398151, 39919, 70332, 70338, 70338-A, 70339, 72551, 75976, 74067, 74625, 76318	1.47
W-42MGS	12		1.47
W-44S	14	77779, 75475,	1.47
W-44MGS	14	75575	1.47

Walco No.	Fig.	Cartridge	Net
W-67MGS	E1	74466	2.06
W-68TPS	E2	78634, SPC-1, M1-12110, SPC-2, M1-12112	3.50
			2.06
W-75TPS	M1	79807, 100653	1.47
W-76S	M2		1.47
W-76AGS	M2	79791	1.47
W-76MGS	M2		1.47
W-77TPS	M3	103422	2.06

FOR RONETTE CARTRIDGES

Walco No.	Fig.	Cartridge	Net
W-64S	C1	DT60-P, DT60-OV, DT60-T, DT60-US, RA-284-P, RA-284-OV, RA-284-T, RA-284-US, To-284-P, To-284-T, To-284-US	1.47
W-64AGS	C1		1.47
W-64MGS	C1		1.47

FOR SEEBURG CARTRIDGE

Walco No.	Fig.	Cartridge	Net
W-53S	H1	245789, A251620	1.47
W-53MGS	H1		1.47

FOR SHURE CARTRIDGE

Walco No.	Fig.	Cartridge	Net
W-29S	I1	P72, P72A, P72AF, P72AFV, P72T, P72V, P76, P76A, P76AF, P76AT, P76AS, P76F, P76T, P76V, P76V, P77, P77A, P77AT, P77AV, P77V, P77V, P79, P79AF, P79T, P79TV, W22A, W22AB, W22ABT, W22A, W22AT	1.47
W-29MGS	I1		1.47

FOR GENERAL ELECTRIC CARTRIDGES

Walco No.	Fig.	Cartridge	Net
W-30S	G1	P73, P73A, P73AR, 73R, P75, P75A, P80, W21A, W21AR, W21E, W21F, P37, P37A, P37C, P37CA, P71, P71A, P71B, P71C, P71CA, P81, P81A, P81AD, P81C, P81CA, P81D, P81E, W26A, W26B, W66A, W66B, P30, P30A, P30C, P30D, P30E, P30G, P30MS, P30S, P30W, P35, P35C, P35D, P35E, P35F, P35G, P35H, P35I, P35J, P35K, P35L, P35M, P35N, P35O, P35P, P35Q, P35R, P35S, P35T, P35U, P35V, P35W, P35X, P35Y, P35Z, P35AA, P35AB, P35AC, P35AD, P35AE, P35AF, P35AG, P35AH, P35AI, P35AJ, P35AK, P35AL, P35AM, P35AN, P35AO, P35AP, P35AQ, P35AR, P35AS, P35AT, P35AU, P35AV, P35AW, P35AX, P35AY, P35AZ, P35BA, P35BB, P35BC, P35BD, P35BE, P35BF, P35BG, P35BH, P35BI, P35BJ, P35BK, P35BL, P35BM, P35BN, P35BO, P35BP, P35BQ, P35BR, P35BS, P35BT, P35BU, P35BV, P35BW, P35BX, P35BY, P35BZ, P35CA, P35CB, P35CC, P35CD, P35CE, P35CF, P35CG, P35CH, P35CI, P35CJ, P35CK, P35CL, P35CM, P35CN, P35CO, P35CP, P35CQ, P35CR, P35CS, P35CT, P35CU, P35CV, P35CW, P35CX, P35CY, P35CZ, P35DA, P35DB, P35DC, P35DD, P35DE, P35DF, P35DG, P35DH, P35DI, P35DJ, P35DK, P35DL, P35DM, P35DN, P35DO, P35DP, P35DQ, P35DR, P35DS, P35DT, P35DU, P35DV, P35DW, P35DX, P35DY, P35DZ, P35EA, P35EB, P35EC, P35ED, P35EE, P35EF, P35EG, P35EH, P35EI, P35EJ, P35EK, P35EL, P35EM, P35EN, P35EO, P35EP, P35EQ, P35ER, P35ES, P35ET, P35EU, P35EV, P35EW, P35EX, P35EY, P35EZ, P35FA, P35FB, P35FC, P35FD, P35FE, P35FF, P35FG, P35FH, P35FI, P35FJ, P35FK, P35FL, P35FM, P35FN, P35FO, P35FP, P35FQ, P35FR, P35FS, P35FT, P35FU, P35FV, P35FW, P35FX, P35FY, P35FZ, P35GA, P35GB, P35GC, P35GD, P35GE, P35GF, P35GH, P35GI, P35GJ, P35GK, P35GL, P35GM, P35GN, P35GO, P35GP, P35GQ, P35GR, P35GS, P35GT, P35GU, P35GV, P35GW, P35GX, P35GY, P35GZ, P35HA, P35HB, P35HC, P35HD, P35HE, P35HF, P35HG, P35HH, P35HI, P35HJ, P35HK, P35HL, P35HM, P35HN, P35HO, P35HP, P35HQ, P35HR, P35HS, P35HT, P35HU, P35HV, P35HW, P35HX, P35HY, P35HZ, P35IA, P35IB, P35IC, P35ID, P35IE, P35IF, P35IG, P35IH, P35II, P35IJ, P35IK, P35IL, P35IM, P35IN, P35IO, P35IP, P35IQ, P35IR, P35IS, P35IT, P35IU, P35IV, P35IW, P35IX, P35IY, P35IZ, P35JA, P35JB, P35JC, P35JD, P35JE, P35JF, P35JG, P35JH, P35JI, P35JJ, P35JK, P35JL, P35JM, P35JN, P35JO, P35JP, P35JQ, P35JR, P35JS, P35JT, P35JU, P35JV, P35JW, P35JX, P35JY, P35JZ, P35KA, P35KB, P35KC, P35KD, P35KE, P35KF, P35KG, P35KH, P35KI, P35KJ, P35KL, P35KM, P35KN, P35KO, P35KP, P35KQ, P35KR, P35KS, P35KT, P35KU, P35KV, P35KW, P35KX, P35KY, P35KZ, P35LA, P35LB, P35LC, P35LD, P35LE, P35LF, P35LG, P35LH, P35LI, P35LJ, P35LK, P35LL, P35LM, P35LN, P35LO, P35LP, P35LQ, P35LR, P35LS, P35LT, P35LU, P35LV, P35LW, P35LX, P35LY, P35LZ, P35MA, P35MB, P35MC, P35MD, P35ME, P35MF, P35MG, P35MH, P35MI, P35MJ, P35MK, P35ML, P35MM, P35MN, P35MO, P35MP, P35MQ, P35MR, P35MS, P35MT, P35MU, P35MV, P35MW, P35MX, P35MY, P35MZ, P35NA, P35NB, P35NC, P35ND, P35NE, P35NF, P35NG, P35NH, P35NI, P35NJ, P35NK, P35NL, P35NM, P35NN, P35NO, P35NP, P35NQ, P35NR, P35NS, P35NT, P35NU, P35NV, P35NW, P35NX, P35NY, P35NZ, P35OA, P35OB, P35OC, P35OD, P35OE, P35OF, P35OG, P35OH, P35OI, P35OJ, P35OK, P35OL, P35OM, P35ON, P35OO, P35OP, P35OQ, P35OR, P35OS, P35OT, P35OU, P35OV, P35OW, P35OX, P35OY, P35OZ, P35PA, P35PB, P35PC, P35PD, P35PE, P35PF, P35PG, P35PH, P35PI, P35PJ, P35PK, P35PL, P35PM, P35PN, P35PO, P35PP, P35PQ, P35PR, P35PS, P35PT, P35PU, P35PV, P35PW, P35PX, P35PY, P35PZ, P35QA, P35QB, P35QC, P35QD, P35QE, P35QF, P35QG, P35QH, P35QI, P35QJ, P35QK, P35QL, P35QM, P35QN, P35QO, P35QP, P35QQ, P35QR, P35QS, P35QT, P35QU, P35QV, P35QW, P35QX, P35QY, P35QZ, P35RA, P35RB, P35RC, P35RD, P35RE, P35RF, P35RG, P35RH, P35RI, P35RJ, P35RK, P35RL, P35RM, P35RN, P35RO, P35RP, P	

LAFAYETTE DIAMOND & SAPPHIRE STYLI

ALL DIAMOND STYLI ARE NOT ALIKE

FULL 1 YEAR GUARANTEE

- MADE FROM WHOLE DIAMONDS • PRECISION GROUND AND POLISHED
- VERTICALLY AND EDGEWISE GRAIN ORIENTED • SHADOWGRAPHED

Lafayette diamond styli are not made from "chips". Each is made from an individual tiny diamond, carefully sieved and selected for proper size. Especial care is taken so that the grain structure is properly oriented vertically and edgewise to use the most wear-resistant surface of the diamond. They are ground and polished to almost unbelievable tolerances and smoothness and shadowgraph tested. With a Lafayette diamond stylus you both preserve your records and pay less per play!



Replacement Styli for G.E. Cartridges

FOR GE "CLIP-IN" CARTRIDGES

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.

Here's new economy in a replacement for the old GE RPJ-013 and the new RPJ-013A dual styli. No need to throw away the entire unit when one point is worn. With this type, you can replace either the diamond or sapphire separately. The replacement simply slides into place. Complete assembly with diamond and sapphire stylus.

diamond sapphire

7.50



DIAMOND AND SAPPHIRE CLIP-IN STYLI

- Individual stylus replacements that clip in to all GE "A" series.
- PK-70 Diamond 1 mil (LP) replaces GE RPJ-01D...Net **6.75**
- PK-69 Sapphire 1 mil (LP) replaces GE RPJ-01S...Net **1.25**
- PK-68 Sapphire 3 mil (78) replaces GE RPJ-03S...Net **1.25**

STYLI FOR OLD TYPE GE CARTRIDGES

- Exact replacement for all old type single needle GE cartridges.
- PK-31 Diamond 1 mil (LP) replaces GE RPJ-004...Net **6.75**
- PK-16 Sapphire 1 mil (LP) replaces GE RPJ-00S...Net **1.19**
- PK-15 Sapphire 3 mil (78) replaces GE RPJ-001...Net **1.19**

DUAL DIAMOND

For old type GE cartridges not using clip-in tips. Has diamond LP and diamond 78 points.

- PK-32 ...Net **15.95**



- PK-65 list 31.00...Net **7.50**
- DUAL DIAMOND.** Replaces old GE RPJ-012 and new RPJ-012A. Net **13.75**
- PK-64 list 49.95...Net **13.75**
- DUAL SAPPHIRE.** Replaces old GE RPJ-010 and new RPJ-010A. Net **2.25**
- PK-67 list 5.95...Net **2.25**

LAFAYETTE DIAMOND STYLI FOR POPULAR CARTRIDGES



Fig. A. For Astatic cartridges LQD, LQD-1, QT-33-J, QT-33M, CQ-J, CQ-M CAC. with diamond tip for 33 1/2 and 45 rpm.

- PK-128 ...Net Each **5.95**

Fig. B. For Astatic cartridges AC-J, AC-M, AC-CJ, AC-CM, ACD, 10L3, 11L3. with diamond tip for 33 1/2 and 45 rpm.

- PK-129 ...Net Each **5.95**

Fig. C. For Astatic cartridges G-C-D, 55-T, 55-TJ, RCA cartridge 100329. Twin tip-diamond 33 1/2 and 45, sapphire 78 rpm.

- PK-134 ...Net Each **6.95**

Fig. D. For Magnavox cartridges 5601334-4, 560153. Twin-tip-diamond 33 1/2 and 45, sapphire 78 rpm.

- PK-135 ...Net Each **6.95**

Fig. E. For RCA cartridges 9890, 38453, 38598, 74067, 74625, 75375, 75967, 75976, 76318. With diamond tip for 33 1/2 and 45 rpm.

- PK-132 ...Net Each **5.95**

Fig. F. For Ronette cartridges TQ-284-OV, RA-284-OV Webster Electric cartridges A-103, A-201. With diamond tip for 33 1/2 and 45 rpm.

- PK-127 ...Net Each **5.95**

Fig. G. For Shure cartridges W22A, W22AB, W21A, W21AR, WC22AB, P72V, P73, P76V, P77, PC41V, Admiral 409A11, Webster Electric F-11, F-11-1.

- PK-133 ...Net Each **5.95**

Fig. H. For Sonotone cartridges 2TS, 9980, Magnavox 560161, RCA78748, 79807, 100653, Twin tip-diamond 33 1/2 and 45, Sapphire 78 RPM.

- PK-126 ...Net Each **6.95**

WALCO DIAMOND STYLI

Finest quality diamond and diamond-sapphire needles. Type numbers ending in DS have both a diamond 1 mil (LP) and sapphire 3 mil (78) points; ending MGD are single 1 mil (LP) stylus; ending AGD are single 2 mil stylus for both LP and 78.

HOW TO SELECT STYLI

Type numbers shown below are identical (except for letters at end of each number) to the Walco sapphire type numbers shown on facing page. Column below headed "Fig." refers to illustrations on facing page. Choose the type no. from the facing page that matches your requirements and then convert it to the number below by changing the ending letters.

Walco No.	Fig.	Net	Walco No.	Fig.	Net	
ADMIRAL						
W-2MGD	82	9.38	W-47MGD	G4	8.79	
W-21MGD	01	8.79	W-44MGD	C1	8.79	
W-30MGD	01	9.38	W-75DS	A1	9.97	
W-34MGD	15	8.79	W-77DS	A3	9.97	
W-35DS		9.38	BCA			
ASTATIC						
W-2MGD	82	9.38	W-3MGD	B3	8.79	
W-3MGD	83	8.79	W-5MGD	B5	9.38	
W-4MGD	84	8.79	W-79MGD	11	9.38	
W-5MGD	85	9.38	W-10MGD	G1	9.38	
W-4MGD	87	8.79	W-12MGD	L3	9.38	
W-5DS	89	9.38	W-23MGD	12	8.79	
W-19MGD	84	8.79	W-44MGD	14	8.79	
W-37MGD	812	9.38	W-47MGD	E1	9.38	
W-41MGD	12	8.79	W-75DS	A1	9.97	
W-44MGD	C1	8.79	W-76MGD	A2	9.38	
			W-77DS	A3	9.97	
ELECTROVOICE						
W-21MGD	D1	8.79	RONETTE			
W-22DS	D2	9.38	W-44MGD	C1	8.79	
MAGNAVOX						
W-33DS	14	9.97	SHURE			
W-35DS	14	9.38	W-39MGD	11	9.38	
W-52DS	14	9.97	W-30MGD	G1	9.38	
W-44MGD	C1	8.79	W-31MGD	L1	9.38	
W-75DS	A1	9.97	W-33DS	14	9.97	
			W-35DS	14	9.38	
SONOTONE						
PHILCO			W-3MGD	B3	8.79	
W-45MGD	G2	8.79	W-75DS	A1	9.97	
W-46DS	G3	9.38	W-76MGD	A2	9.38	

SAVE UP TO 50%

LAFAYETTE SAPPHIRE STYLI

AS LOW AS 75¢

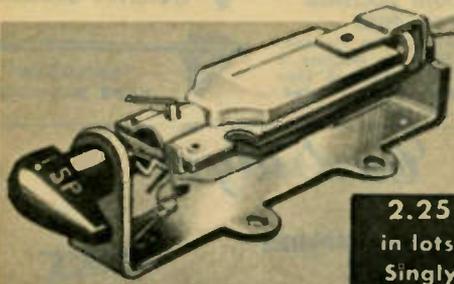


Exact replacements for the most popular needles and cartridges. All are Sapphire.

Stock No.	Fig.	Description	Mfg.	Replace Needle	Interchangeable with Walco	Interchangeable with Jensen	Net ea.
PK-214	E	3 mil (78)	Admiral	98B15-7	W30S	JPS-30	.75
PK-215	E	1 mil (LP)	Admiral	98B15-6	W30MG5	JPS-30LP	.75
PK-216	E	1 mil (LP)	Admiral	98A15-6	W30MG5	JPS-30LP	.75
PK-217	E	2 mil (all spd)	Admiral	98A15-19	W30AG5	JPS-312	.75
PK-218	A	1 mil (LP)	Astatic	Q33	W2MG5	A81LP	.75
PK-219	B	" " "	Astatic	N11-1	W42MG5	M70LP	.75
PK-220	C	" " "	Astatic	A1	W5MG5	A75LP	.75
PK-221	D	" " "	Astatic	N-6-1	W64MG5	CRA-55LP	.75
PK-222	D	1 mil (LP)	Collaro	OS-1	W64MG5	CRA-55LP	.75
PK-223	D	" " "	Magnavox	560183	W64MG5	CRA-55LP	.75
PK-224	F	Twin pt (LP-78)	Philco	325-8019	W75TR5	S-66	1.29
PK-225	D	1 mil (LP)	Philco	325-8015	W64MG5	CRA-55LP	.75
PK-226	G	Twin pt (LP-78)	Philco	45-9784	W46TP5	PH-13	1.29
PK-227	G	" " "	Philco	45-9787	W46TP5	PH-13	1.29
PK-228	H	1 mil (LP)	RCA	75045	W29MG5	JPS-30LP	.75
PK-229	H	" " "	RCA	75770	W44MG5	M74LP	.75
PK-230	I	" " "	RCA	77899	W44MG5	M74LP	.75
PK-231	F	Twin pt (LP-78)	RCA	78827	W75TP5	S-66	1.29
PK-232	B	1 mil (LP)	RCA	74068	W42MG5	M70LP	.75
PK-233	D	" " "	Ronette	53041	W64MG5	CRA-55LP	.75
PK-234	H	" " "	Shure	A65MG	W29MG5	JPS-30LP	.75
PK-235	E	3 mil (78)	Shure	A61A, A62A	W30S	JPS-30	.75
PK-236	E	2 mil (all spd)	Shure	A660, A670	W30AG5	JPS-312	.75
PK-237	E	1 mil (LP)	Shure	A63MG	W30MG5	JPS-30LP	.75
PK-238	E	" " "	Shure	A65MG	W30MG5	JPS-30LP	.75
PK-239	F	Twin pt (LP-78)	Sonotone	N-27-5	W75TP5	S-66	1.29
PK-240	F	" " "	Sonotone	9987-5	W75TP5	S-66	1.29
PK-241	E	3 mil (78)	Web. Elect.	F10	W30S	JPS-30	.75
PK-242	E	1 mil (LP)	Web. Elect.	F10-1	W30MG5	JPS-30LP	.75

ALL PRICES IN THIS CATALOG ARE SUBJECT TO CHANGE WITHOUT NOTICE

GREAT LAFAYETTE BUYS



2.25 Ea.
in lots of 3
Singly, Ea.
2.50

3 VOLT TURNOVER CARTRIDGES

- High output = 3 Volts
- Dual Sapphire Styli
- Turnover Mechanism
- Excellent Frequency Response
- Easy Installation

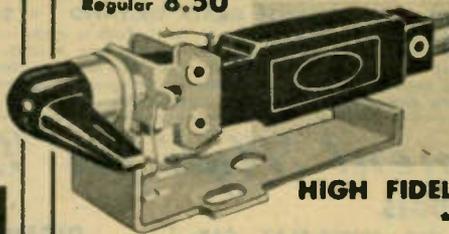
Lafayette has gone all out to provide for the serviceman a replacement turnover phono cartridge at a price never before attained. Here is a crystal cartridge complete with two sapphire styli, turnover mechanism, mounting bracket and knob — with sufficient output to use in any record player — and yet of fine quality. All at a price that enables you to use it on any repair job. Length (less knob) 2 1/4". Ease of mounting assured by two sets of mounting holes, each set with 1/8" centers.

PK-80... Singly, Each 2.50 in lots of 3, Each 2.25

PK-86... SAPHIRE LP REPLACEMENT NEEDLE..... .69

PK-87. SAPHIRE STD (78) REPLACEMENT NEEDLE... .69

Regular 8.50



*A
Fantastically
Low Price!*

HIGH FIDELITY TURNOVER CARTRIDGE

*40-14,000 Cycles

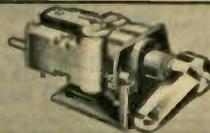
Never before has a turnover cartridge of this quality been offered at such a price. We didn't believe it possible till we tried it. Frequency response from 40 to 14,000 cycles ± 2db! Has 2 sapphire styli to play all speeds, and types of records. Needle pressure is only 3 grams on LP and 12-15 grams on 78 RPM. Output is .5 volts. Comes complete with turnover mechanism and knob. Fits Webster, Garrard, VM, Colare and tone arms of leading manufacturers of record changers and players. This is one of the most outstanding values Lafayette has ever offered. You can't match it anywhere.

Only
2.75

PK-79..... In lots of 3, Each 2.50 Singly, Each 2.75

PK-84... SAPHIRE LP REPLACEMENT NEEDLE..... .69

PK-85. SAPHIRE STD (78) REPLACEMENT NEEDLE.... .69



GOLDRING MAGNETIC TURNOVER CARTRIDGE

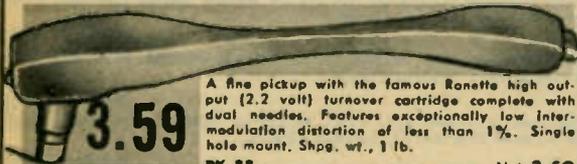
Entirely unique, and exclusive among the "500's" features is the push-pull coil arrangement which automatically cancels out inductive hum picked up from the radiation of changer motors and other nearby electrical devices. This feature permits users of the "500" to realize the full potential of the variable-reluctance principle, and at the same time removes any annoyance which is inherent in many cartridges of the magnetic type.

The "500" will fit any tone arms having standard half-inch mounting holes; thus it may be used to replace any cartridge without alteration of playing equipment.

No. PK-137—Cartridge with two sapphire styli..... Net 5.75

RONETTE 3 SPEED PICKUP

- TURNOVER CARTRIDGE
- DUAL SAPHIRE STYLI



A fine pickup with the famous Ronette high output (2.2 volt) turnover cartridge complete with dual needles. Features exceptionally low inter-modulation distortion of less than 1%. Single hole mount. Shpg. wt., 1 lb.

3.59

PK-88 Net 3.59

425 ASTATIC HI-FI PICKUP

With Turnover Cartridge

- 50 to 15,000 cycles
- Dual Styli

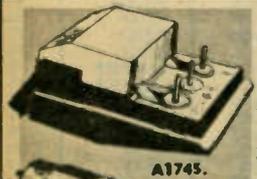


Unbelievable quality of an unbelievable price. Cartridge is heat and humidity proof ceramic turnover type with separate needles for LP and standard records. Real high fidelity response. Shpg. Wt. 12 oz.

PK-44 Net 4.25

ADMIRAL CARTRIDGES

Genuine Admiral phono cartridges complete with styli.



A1745.



409A11.



409A13-1

ADMIRAL A1745. Improved version of A1372. 3-prong snap-in type replaces both numbers. For Admiral changers models RC170, RC170A, RC180, RC181 and RC182. Complete with 78 RPM osmium needle.

ADMIRAL No. A1745. Net 2.91

ADMIRAL 409A11. Barrel type turnover cartridge for Admiral changers models RC210, RC211, RC212, RC220, RC221, RC222, RC320, RC321 and RC322. Complete with two (LP and standard) osmium needles.

ADMIRAL No. 409A11. Net 6.20

ADMIRAL 409A13-1 replaced by 409A17 below

All speed single needle cartridge for models RC500, RC550, RC550A, and RC600. Complete with osmium needle.

ADMIRAL No. 409A17 Net 4.23

RCA CARTRIDGES

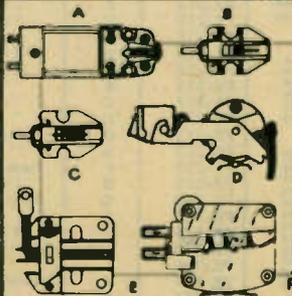


RCA No.	FIG.	SPEED	STYLUS	LIST	NET
9890	A	78 RPM	Sapphire	7.80	4.59
31050	D	78 RPM	Chuck	4.90	2.88
70338A	B	78 RPM	Sapphire	7.25	4.26
74067	C	45 RPM	Sapphire	6.40	3.76
75575	F	45 RPM	Sapphire	6.40	3.76
77779 *	G	All	Sapph/Osm	9.20	5.41

* Turnover dual needle

MAGNAVOX CARTRIDGES

Genuine Magnavox exact replacement cartridges. Complete with indicated styli.



MAGNAVOX No.	FIG.	STYLI	NET
560052-4	A	OSMIUM	6.72
560101-4	B	OSMIUM	6.00
560133-4	C	REPLACED BY 560170-1	
560151-3	D	REPLACED BY 560151-9	
560151-6	D	replaced by 560151-9	
560151-9	D	Sapphire	8.20
560158-2	D	DIA/SAPPHIRE	20.80
560161-1	E	OSMIUM	7.60
560169-1	F	DIA/SAPPHIRE	20.80
560170-1	C	SAPPHIRE	7.80

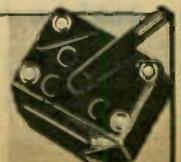
PHILCO PHONO CARTRIDGES

PHILCO PART 425-0011. Exact replacement for changers models M24, M24A, M25 and M26. With 2 Styli.

Stock No. PK-94 Net 6.30

Philco part 425-0016. Exact replacement for changers models M20 and M22. With 2 styli.

Stock No. PK-71 Net 5.95



ON PHONO PARTS

RONETTE HI-FI CARTRIDGE

- MADE BY RONETTE OF HOLLAND
- WITH THE LOWEST INTER-MODULATION DISTORTION EVER ATTAINED.
 - USED IN COLLARO CHANGERS.
 - OUTPUT .7 VOLTS

2.95



Lafayette brings you this famous high fidelity cartridge for use in Collaro, Webster, Gerrard and VM changers. Turnover type equipped with 2 sapphire styli to play all speeds. Frequency response to 9,000 cycles. Complete with turnover mechanism and knob. Fits most tone arms of leading manufacturers of record changers and players.

PK62 (TO-284-OV) each. 2.95

RONETTE HIGH OUTPUT CARTRIDGE

QUANTITY LIMITED
2.75 Ea.
in lots of 3
Singly, Ea.
2.95



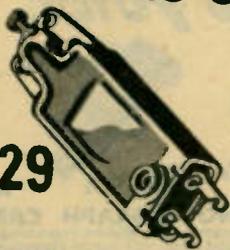
- Dual Turnover
- 2.2 Volt Output
- Low Intermodulation Distortion

All the fine features of the Ronette cartridge—such as less than 1% intermodulation distortion plus the advantage of high output of 2.2 volts. Turnover type complete with 2 sapphire styli, fits most mechanism and knob. Popular type mounting and size, fits most tone arms.

PK-82—(TO-222) In lots of 3, Each 2.75 Singly 2.95

Phono Cartridges

\$1.29



3.5 volt output

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.

LIST PRICE \$5.50

STOCK NO PK-11
each 1.29

NEW!



RONETTE TX-88 HI-FI CARTRIDGE

• 30-24,000 CPS

This new wide range high fidelity crystal twist cartridge has a frequency response flat from 30-24,000 cps. Output is 0.4 volt, which makes it useable without preamp. It gives straight line response from new ortho records so requires no equalization. Extremely high compliance stylus so assembly just snaps into place. Complete with dual styli. Shpg. Wt. 6 oz.

RONNETTE TX-88

Net 7.35

SONOTONE 2T-5

(SUPERSEDES 9980-5)

Turnover Ceramic Cartridge

- Used in VM—Columbia 360—Webster—Crescent
- With Dual Sapphire Needles

Here's a cartridge that is not only an exact replacement for thousands of units now in use, but will replace a large number of other types. Will give you such hi-fi characteristics as extended frequency range and absence of distortion far beyond most cartridges it replaces—all with the added advantages of ceramic safety from humidity and heat. Has 1 mil stylus for long playing records and 3 mil for standard—both sapphire.

SPECIFY STOCK NO. PK-40

In lots of 5, each 3.50
Singly 3.75

REPLACES ASTATIC

AC, ACC, CAC, GC, LQD

ELECTRO-VOICE

16TT, 33, 43, 46T, 96T

SHURE

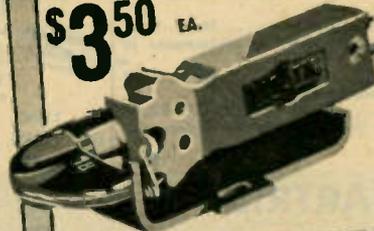
WC Series from WC22 to WC36, W22, W26

WEBSTER ELECTRIC AX, A1, A9-1

ASTATIC TURNOVER ACD-C2 CARTRIDGE

- Dual Precious Metal Needles
- Ceramic Element—Safe from Humidity and Heat

\$3.50 EA.



This popular Astatic Cartridge is complete with 2 styli, turnover bracket and knob. To protect your sensitive LP records, the LP needle has a .001 tip; the standard needle for 78 r.p.m. has .003 tips. Long life ceramic element is practically impervious to humidity and heat.

Stock No. PK-41—In lots of 5, each Net 3.50
Singly, each Net 3.98

REPLACEMENT

FOR RCA CHANGERS

- EXACT REPLACEMENT FOR ALL RCA 45 RPM CHANGERS AND MOST ALL OTHER 33-1/3 and 45 PLAYERS!

A high quality replacement cartridge with an output of 2.2 volts that is an exact replacement for the hundreds of thousands of RCA 45 RPM changers, as well as thousands of other "45" changers and players. Fits almost every 45 player made. And you save over 50%.

QUANTITY LIMITED

1.65

PK-122 Net 1.65
Replacement needle for above 69c



ZENITH COBRA CARTRIDGES

All Zenith cartridges are identified by color. Just match color to get exact replacement. *Diamond cartridge. Gold will replace green, blue & white replaces blue, gray replaces brown.

ZENITH NO.	COLOR	COBROMATIC MODEL	STYLUS	NET
511473	Red	All up to "L"	3 mil-Osmium	2.79
515780	Red & Green	All up to "L"	2 mil-Sapphire	2.79
515222	Green	All up to "L"	1 mil-Sapphire	2.79
*521458	Gold	All up to "L"	1 mil-Diamond	15.98
142-73	Purple	"L" & "M"	3 mil-Sapphire	3.98
142-72	Yellow	"L" & "M"	2 mil-Sapphire	3.98
142-71	Blue	"L" & "M"	1 mil-Sapphire	3.98
*142-74	White	"L" & "M"	1 mil-Diamond	15.98
142-77	Brown	"R" & "T" Turnover	{ 1 mil-Sapphire } { 1 mil-Diamond }	5.98
*142-76	Gray	"R" & "T" Turnover	{ 1 mil-Diamond } { 3 mil-Sapphire }	17.98

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 one.

ZENITH S22006

Net 4.35



ASTATIC CARTRIDGES



TURNOVER TYPES

All are equipped with dual sapphire styl; 1 mil (LP) and 3 mil (Std78).

New No.	Old No.	Fig.	Net.
40-T	ACD-J	AA	4.86
40-TB	ACD-2J	B	4.97
41-T	ACD-CJ	AA	5.69
41-TB	ACD-C-2J	B	5.88
44-TB	CAC-D-J	E	6.17
53-T	53-T-J	P	4.68
55-T	55-T-J	PP	4.68
57-T	57-T-J	PP	5.69
62-T	LOD-J	I	4.12
62-TB	LOD-1-JB	K	5.88
62-TY	LOD-1-J	J	5.69
64-TS	64TMS	R	4.99
66-TB	66-TMB	K	8.82
66-TS	66-TMS	RR	4.99
66-TY	66-TMY	J	4.99
68-TY	68-TMY	J	4.99
310-T		U	4.09
310-TS-TB		V	4.38
312-TS-TB		V	4.38
405		J	4.68
406		RR	4.68
409		PP	5.69
410		Q	5.40
420-TS		V	3.91
422-TS		V	3.91
424-TS		V	4.41

STANDARD GROOVE TYPES

Single needle type for STD(78) only. Type marked * have sapphire 3 MIL styl, † has osmium styl; others less needle.

New No.	Old No.	Fig.	Net.
2	B-2	C	3.26
4	L-26A	G	2.94
6	L-40A	G	2.94
12	L-12	F	2.94
12U	L-12U	F	3.23
24	L-70A	G	3.26
26	L-72A	G	3.91
32	L-82A	G	3.26
34	L-92A	F	3.53
36*	OT-2-J	L	5.23
44-3*	CAC-78-J	D	4.41
50-3*	U-78J	M	5.23
51-3*	51-3-J	O	4.35
66-3*	66-3M	H	4.12
401	401-A	W	2.94
402†	402-M	X	4.06
403*	403-J	D	4.41
430*		Z	4.41

ALL GROOVE TYPES

All equipped with single 2 MIL sapphire styl for all speeds except * is Osmium tip and † is less needle.

New No.	Old No.	Fig.	Net.
16	16-L3	H	3.53
22	L-29	H	3.53
28		N	3.26
40-2	AC-AG-J	A	3.82
41-2	AC-C-AG-J	A	3.82
44-2	CAC-AG-J	D	4.41
51-2	51-2-J	O	4.35
53-2	53-2-J	O	4.35
59-2	59-2-J	O	4.35
60-2	LT4-AG	H	4.12
66-2	66-2M	H	4.12
106†		S	2.91
310-2		T	3.80
312-2		T	3.80
407*		Y	2.62
416-2		U	3.80

ASTATIC SOUNDFLO CARTRIDGES

New wide range "plug-in" needle and cartridge combination. Has dual sapphire 1 and 3 mil styl, cartridge, housing, turnunder lever and mtg. bracket.

NO 81-TB	Net 2.62
Cartridge and dual styl plug-in assembly for replacement in above.	
NO 81-T	Net 2.32
Same as 81-TB except with diamond-sapphire styl.	
NO 81-TBX	Net 12.94
Cartridge and diamond-sapphire styl assembly for replacement in 81-TB.	
NO 81-TX	Net 12.64

ASTATIC SUBMINIATURE CARTRIDGES

For new narrow arm record changers such as YM, Philco etc. With dual sapphire styl.

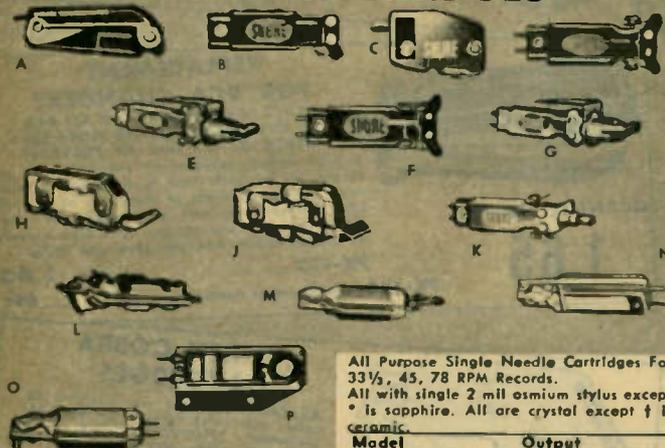
No. 118TS	Net 3.81
No. 120TS	Net 3.81
No. 124TS	Net 3.81

MICROGROOVE TYPES

All with sapphire 1 mil styl for LP only.

New No.	Old No.	Fig.	Net.
40-1	AC-J	A	3.82
42-1	AC-R-J	A	5.23
44-1	CAC-J	D	4.41
50-1	U-J	M	5.69
51-1	51-1-J	O	4.35
53-1	53-1-J	O	4.35
62-1	62-1-M	Q	4.12
66-1	66-1M	H	4.12
408		Q	3.77
414-1		Q	3.80

SHURE CARTRIDGES



All Purpose Single Needle Cartridges For 33 1/2, 45, 78 RPM Records. All with single 2 mil osmium stylus except * is sapphire. All are crystal except † is ceramic.

Model No.	Fig.	MG	STD	Net
W26*	B	.87V	1.0V	3.82
WC38†	A	.9V	.92V	3.82
W66B	O	2.0V	2.3V	4.12
W70	P	3.0V	3.8V	2.91

Fine Groove Cartridges For 33 1/2, 45 RPM Records. All are crystal with single 1 mil (LP) osmium stylus except WC20 is ceramic with sapphire stylus.

Model No.	Fig.	Output	Net
WC20	C	.58V	5.59
W21F	B	1.5V	4.56
W31AR	K	2.1V	3.82

Standard Cartridges For 78 RPM Records. All are crystal. W56N has bifurcated combination playback and recording stylus for Wilcox-Gay Recordette. W68 has single 3 mil osmium stylus. W70 supplied less needle.

Model No.	Fig.	Output	Net
W56N	N	4.3V	5.00
W68	O	1.6V	4.41
W78	M	4.0V or 2.0V	3.26

Turnover Cartridges For 33 1/2, 45, and 78 RPM Records. All with dual sapphire styl, except * have dual osmium styl. All are ceramic except † are crystal.

Model No.	Fig.	MG	STD	Net
W22†	D	1.2V	1.4V	5.59
W22-T†	E	1.2V	1.4V	5.88
WC24*	F	0.6V	0.6V	5.14
WC24-T*	G	0.6V	0.6V	5.44
WC25	K	.65V	.7V	5.59
W72†	L	3V	4V	5.00

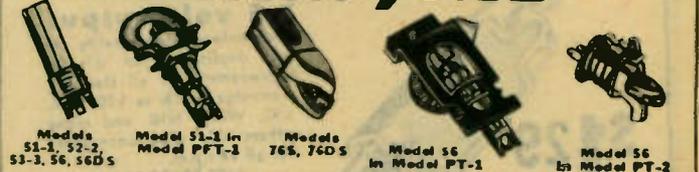
"Twin-Lever" Cartridges for 33 1/2, 45 and 78 RPM Records. All with dual sapphire styl except * has diamond and sapphire styl. All are ceramic except † is crystal.

Model No.	Fig.	MG	STD	Net
WC6	H	.5V	.7V	8.53
W9†	J	3.5V	.5V	5.59
WC10	H	.78V	1.0V	5.59
WC10D*	H	.78V	1.0V	19.99

ASTATIC PICKUP CARTRIDGE SERVICE KIT #1

This new service kit contains 36 cartridge production parts including knobs, springs, screws, spacers and other special hardware which simplifies the service and replacement of pickup cartridges. A must for anyone working with cartridges. Saves delay, annoyance and expense when these small special parts are needed, for which there is no regular source. **ASTATIC KIT #1**.....Net 1.15

Electro-Voice



NEW POWER POINT PHONOGRAPH CARTRIDGES

Power Point is a totally new concept in phonograph transducers, combining integrally both cartridge and needle, functioning to give widest range with lowest distortion and minimum record wear. Using two sapphire playing tips connected directly to the ceramic element, this unique design results in high compliance with excellent tracking ability. After quick mounting mechanism installation, replacement is easy slip-out, slip-in operation. Response flat from 20 cps to beyond 10 kc; output 1 volt, tracking force 5 to 8 grams. Diecast nylon case 1/2" long, 3/4" diameter. *Dealers Net Price in lots of 4

FOR 45 AND 33 1/2 RPM Model 51-1—Power Point cartridge only. Red nylon case. With two .001" sapphire tips. Net 3.10 *Dealer Net 2.32	FOR 45, 33 1/2 AND 78 RPM Model 52-2—Power Point cartridge only. Green nylon case. With two .002" sapphire tips. Net 3.10 *Dealer Net 2.32
FOR 78 RPM Model 53-3—Power Point cartridge only. Black nylon case. With two .003" sapphire tips. Net 3.10 *Dealer Net 2.32	Model 56—Power Point cartridge only. Blue nylon case. One .001" sapphire tip and one .003" sapphire tip. Net 3.10 *Dealer Net 2.32
Model 56S—Power Point cartridge only. Orange nylon case. With one .001" natural diamond tip and one .003" sapphire tip. Net 16.86 *Dealer Net 12.64	Model 76S—Turnover cartridge only. White plastic case. With one .001" sapphire tip and one .003" sapphire tip. Net 3.10 *Dealer Net 2.50

WEBSTER ELEC. RETRACTOMATIC CARTRIDGE

Spring mounted high output crystal cartridge. Has 2 mil osmium stylus to play all speeds. Output 5V on 78, 2 volts on LP. **WEB ELEC NO. P-21**.....Net 2.91

VALUE PACKED PICKUPS

NEW! MODERN 4-SPEED TURNOVER PICKUP



2.45

- 2½ VOLT OUTPUT
- TURNOVER CRYSTAL CARTRIDGE
- OVAL SAPPHIRE
- 4D-12,000 CYCLES

A terrific value! Modern plastic straight-line design with offset head and turnover 2½V crystal cartridge with dual sapphire styli. Stylus pressure adjustable by variable spring tension. Finger lift for ease in handling. Overall length 8½". Height from base to bottom of arm 15/16". Simple base mount with 1/4" spaced mtg. holes. Shielded leads. Smooth gray finish plastic arm. Shpg. wt. 2 lbs.

PK-157 Net 2.45
PK-158 sapphire LP replacement needle Net .69
PK-159 sapphire std. replacement needle Net .69

4-SPEED TURNOVER HIGH OUTPUT PICKUP



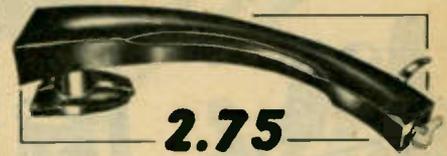
3.75

- DIE CAST METAL ARM
- 3 VOLT OUTPUT
- TURNOVER CRYSTAL CARTRIDGE
- DUAL SAPPHIRE STYLI
- 4D-12,000 CYCLES

A die cast metal arm with a wide range cartridge that has an unusually high output of 3 Volts. Turnover type with dual sapphire styli. Simple single hole mount. Attractively decorated design. Arm is finished in baked maroon enamel. Overall length 8½". Shpg. wt., 2½ lbs.

PK-89 singly, each Net 3.75
in lots of 3, each Net 3.45

NEW! 4-SPEED HI-FI TURNOVER PICKUP



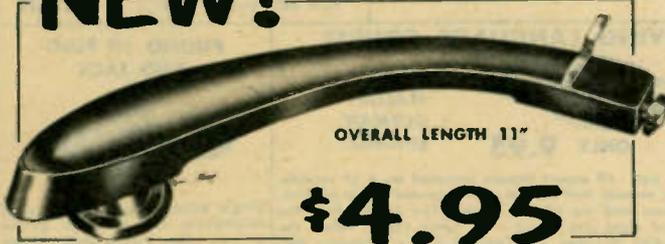
2.75

- FREQ. RESPONSE 40-13,000 CYCLES
- OUTPUT 1½ V
- ADJUSTABLE HEIGHT
- TURNOVER CRYSTAL CARTRIDGE
- DUAL SAPPHIRE STYLI

This is a feature packed pickup. In addition to the turnover 1½V wide range crystal cartridge with dual sapphire styli, it has an adjustable base so that height from base to bottom of arm can be varied from 1/8" to 1.9/16". Stylus pressure adjustable by variable spring tension. Finger lift provides easy handling of arm. Curved and straight lines are combined in an unusually attractive design. Plastic arm 9½" long overall. Base 1¾" W with mtg. holes on 1½" centers. Shielded leads. Satin smooth bright maroon finish. Shpg. wt., 2 lbs.

PK-146 Net 2.75
PK-158 Sapphire LP replacement needle Net .69
PK-159 Sapphire STD replacement needle Net .69

NEW! DELUXE HI-FI PICKUP ARM WITH TURNOVER CARTRIDGE



OVERALL LENGTH 11"

\$4.95

- FREQUENCY RESPONSE 30-14,000 CYCLES
- AUTOMATIC STYLUS PRESSURE ADJUSTMENT
- ADJUSTABLE HEIGHT • BEARING MOUNTED BASE
- OUTPUT 1 VOLT • TURNOVER CARTRIDGE
- DUAL SAPPHIRE STYLI • OPTIONAL TRIP LEVER

A really deluxe high fidelity pickup at a really low price. Wide range turnover crystal cartridge with dual sapphire styli has output of 1 volt. Variable spring tension adjusts pressure on LP stylus. A unique feature automatically increases pressure properly for the standard (78) stylus when cartridge is turned over to change needles. The height from base to bottom of arm is adjustable from 1-3/16" to 1½". Swivel base is mounted on bearing for extra smooth easy movement. A removable trip lever is supplied in case you wish to trip a switch for automatic stop. Finger lift provides ease in handling arm. Overall length of plastic arm is 11". Base 1¾" diameter with 3 mounting holes. Finished in gleaming black with gold trim. Shpg. wt. 3 lbs.

PK-165 Net 4.95
PK-166 Sapphire LP replacement needle Net .69
PK-167 Sapphire STD replacement needle Net .69

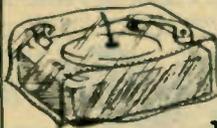


PROTECT YOUR RECORDS WITH PLASTIC COVERS

1.49 YOUR COST
PER PACKAGE

Soft pliable plastic covers to protect records from dirt, dust and moisture. Available in square beaded bottom to fit 7", 10" and 12" records in jackets and in round beaded bottom to cover 10" and 12" records without jackets. Shpg. wt., ½ lb.

PK-117 — Package of 30 12" Square Jacket Covers } NET
PK-118 — Package of 40 10" Square Jacket Covers } 1.49
PK-119 — Package of 50 7" Square Jacket Covers }
PK-120 — Package of 30 12" Round Record Covers }
PK-121 — Package of 40 10" Round Record Covers }



PLASTIC COVERS FOR CHANGERS AND TURNTABLES

Heavy vinyl covers to protect changers and turntables from dust, dirt and moisture. Reinforced stitched edges. Shpg. wt., 6 oz.

PK-153 for all record changers Net .89
PK-154 for turntables Net 1.29

ISOLATION PAD

Foam pad fits under changer or player bases, recorders, etc. Protects furniture, helps reduce ocoustical noise. One side corrugated for no-slip. 16½" x 13¼" x ¾" thick. Shpg. wt., 2 lbs.

PK-155 Net .95

WIRELESS PHONO BROADCASTER 7.45

- PLAY YOUR PHONOGRAPH THROUGH YOUR RADIO WITHOUT CONNECTING WIRES

Completely wired oscillator permits playing any record player with crystal cartridge through any AM radio up to 75 feet away without wires. Simple to operate. Phono leads connect to terminals of oscillator, tune radio to any spot between 1100 and 1600 where there is no station and adjust oscillator to this frequency. 110 V AC. 4½" W x 4½" H x 3½" D. Complete with antenna, on-off switch and instructions. Shpg. wt., 3 lbs.



F-290 Net 7.45

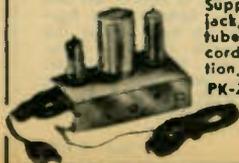
Phono Oscillator & Amplifiers

PHONO OSCILLATOR

4.95

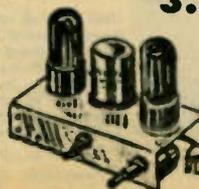
For use with all types of phonos. Compact, well-built unit, tuned within broadcast band. Completely wired ready for use. Supplied with RCA type phono jack, 1-128E6 and 1-35W4 tubes, hant antenna, 6 ft. AC cord. For 118V AC/DC operation. Shpg. wt. approx. 2 lbs.

PK-25 4.95



2-TUBE PHONO AMPLIFIER

3.95 with Tubes

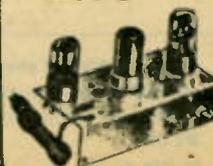


A two tube phono amplifier using a 50L6 and 35Z5 tube as rectifier. Well-built, good tone and volume. Contains volume control with switch. AT A BIG SAVING!

PK-24—Two tube amplifier 3.95
COMPLETE WITH TUBES

AC-DC Phono Amplifier

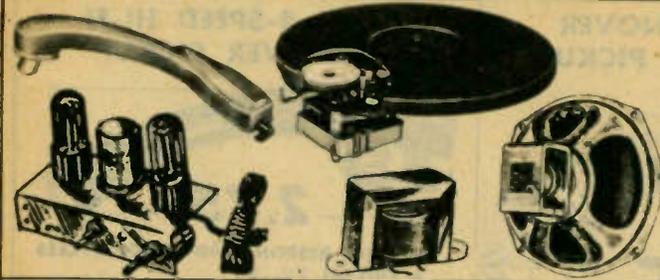
2.95



Equipped with a variable tone control and a separate volume control. Delivers two watts output. Phonograph motor connects to the amplifier. Uses 50L6, 12SQ7, and 35Z5 rectifier. For 110-120V, 60 cycles AC or 110-120 V. DC. Supplied with line cord and plug, but less tubes. Shpg. wt. 2 lbs.

PK-23 2.95

PHONO MOTORS AND ACCESSORIES



BUILD YOUR OWN RECORD PLAYERS

110V AC 4-SPEED KIT

Economical build-your-own kits. Contain ML-24 4-speed 110V KC 60 cycle rim drive motor and flacked turntable. Plays 78, 45, 33 1/3, and 16 2/3 RPM records. A 2 tube AC-DC amplifier with separate tone and volume controls, a 5" PM speaker with matching output transformer, a crystal pickup with turnover cartridge and dual styl, and tubes. Shpg. wt., 9 lbs.

K1-53.....

Net 13.95

3 SPEED BATTERY KIT

Same kit as above-except motor is the ML-9 motor which operates on 4 flashlight cells. Speeds are 45, 33 1/3, and 16 2/3 RPM. Shpg. wt., 9 lbs.

K1-54.....

Net 16.95

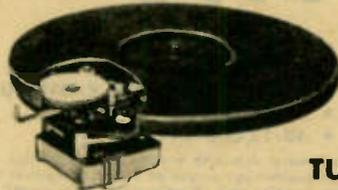
BATTERY-OPERATED PHONO MOTOR

- 3 SPEEDS
- OPERATES ON FOUR FLASHLIGHT CELLS



New, battery-operated phono motor with all the features of AC power models. Rugged... compact size... constant speed. Low current drain gives 135 hours of normal use from four standard flashlight batteries. New plastic turntable for stable operation and no record slippage. Plays 45, 33 1/3, and 16 RPM records. Feather touch speed shift control lever can be located on either side of turntable. Neutral "OFF" position provided to prevent spot wear in idler wheel. Low rumble and wow level. Easy mounting, single assembly. Has special turntable adapter for 45 RPM records. Depth below mounting surface, 2". Shpg. wt., 4 lbs.

ML-9—Battery-Operated Phono Motor.....Net 8.53



4-SPEED PHONO MOTOR WITH TURNTABLE

Plays 16 2/3, 33 1/3, 45, and 78 RPM records. Quiet dependable operation assured by rubber shack-mounted friction type motor. Speed change control permits instantaneous meshing of proper idler for desired speed. Mounting centers 4 1/2 x 3 3/8. Depth below base mounting plate 2 1/8". For 110V, 60 cycles AC. Shpg. wt., 3 1/2 lbs. List Price \$10.95.

Stock No. ML-24.....Net 5.50

No. PK-149—Mounting Board for Motor.....Net .95

RCA PHONO SWITCHES



RCA PHONO SWITCHES

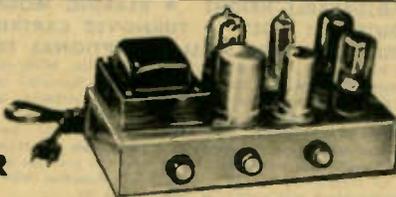
Fig. D—TYPE 240X1 RADIO-PHONO SWITCH. Used to operate record player through radio sets without phono inputs. Provides changeover from radio to phono without introducing hum. Complete with 15" shielded cable, plug, jack and instructions.

RCA 240X1—List \$1.85.....NET 1.47

Fig. E—TYPE 202W1 SELECTOR SWITCH. Used to operate 2 record players through one radio set or amplifier, as when adding a 45 RPM player to an existing radio-phono. Quick, easy changeover from one player to the other. Mounts on rear of cabinet. Complete with all necessary jacks, plugs, etc.

RCA 202W1—List 5.65.....NET 3.33

5 WATT MIKE AND PHONO AMPLIFIER



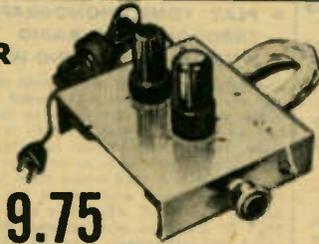
- INPUTS FOR MAGNETIC CARTRIDGES OR MICROPHONE AND CRYSTAL CARTRIDGE

A compact 5 watt 4 tube amplifier for low powered PA, paging, and phono systems. Has 2 inputs, one for crystal cartridges and a dual input for either microphones or variable reluctance and magnetic cartridges. Has separate gain controls for each input. Compensated tone control with on-off switch is effective on both inputs. Output impedance is 3.2 ohms. Supplied complete with tubes: 2-6J6, 6AQ5 and 6X4 rectifier. For 110V AC operation only. Size: 9-1/2" L x 4-1/2" H x 4-1/2" D. Shpg. wt., 10 lbs.

PA-7.....Net 16.50

WIRELESS BROADCASTER

- Play your phono-graph through any radio anywhere in the house without connecting wires.
- Talk through your radio by microphone.



9.75

Lafayette's new wireless broadcaster will extend your enjoyment of your phonograph to every room of the house that has a radio. After connecting the phono, you simply tune in on the radio just like any radio station. Frequency adjustable for reception between 700 KC and 1700 KC on broadcast band—pick your spot it will not interfere with regular broadcasts.

Has provision for crystal, G.E. and magnetic cartridges. Also has input for crystal microphones as well as low impedance magnetic microphone, so you can broadcast your voice through the radio. Extremely quiet and distortionless.

Plenty of power. Circuit has 125C7, 125K7GT tubes plus selenium rectifier. Volume control with on-off switch. Handsome gray hammerstone finish chassis 4 7/8" W x 5 3/4" D x 1 1/2" H. Shpg. wt., 4 lbs. Completely wired and assembled with all tubes and operating instructions. For 110V AC/DC operation.

LA-14
PA-24 Crystal microphone

NET 9.75
NET 4.25

SHIELDED PHONO LEADS

40" long shielded phono cable. Over-all Polyethylene insulation. Ideal for phono connections or for testers.

MS-80.....Net 27c ea.
In lots of 10.....24c ea.



LIVING LANGUAGE COURSE



ONLY 9.95

FRENCH
ITALIAN
GERMAN
SPANISH

Look what you get! 40 expert lessons recorded on 4 LP records. A conversational manual that repeats each recorded lesson in print. You can both hear and see all the words! You benefit from the double impact of sight and sound... learn faster, retain the lessons better. Also included is a Common Usage Dictionary that lists over 16,000 frequently used words and phrases, translated from the foreign language you choose into English and vice-versa. You can grasp them at a glance! Entire Living Language Course consisting of 4 records and 2 books. Shpg. wt., 4 lbs.

PR-11 (Specify Language Desired).....9.95

PHONO TIP PLUG AND JACK



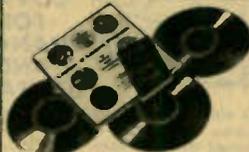
Single prong shielded plug used extensively for mike or phono pickup, other connections. Phono jack mounts in rear of panel through 3/8" hole and is 1/8" between centers.

K1-49 10 Pair.....Net .79

MS-167 Plug Only Net ea. .05

MS-168 Jack Only Net. ea. .05

LISTEN AND LEARN TRAVEL COURSE

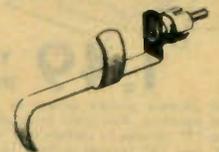


FRENCH GERMAN
ITALIAN SPANISH

A language course designed for the busy adult with limited time, who wants a fast practical course in common conversation. Gives in spoken and written form the basic sentences, phrases and vocabulary for almost every travel situation. Does not go into grammatical structure or conjugation of verbs, but concentrates on practical everyday usage needed when travelling. Consists of 3—10 inch 33 1/3 RPM records spoken by professors of language from Columbia, N.Y.U. and other colleges, and a 128 page pocket size manual that can be carried with you. Shpg. wt., 4 lbs.

PK-12—Specify language desired.....3.98

SOLDERLESS PHONO PLUG



For phono and coax cables. Pin contacts center conductor, tab wraps around shield.

MS-373—Lots of 10, ea......35

Singly, ea......38

FOAM TURNTABLE MATS



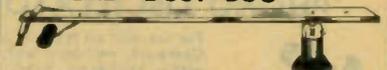
Sizes to fit all turntables. Prevents record slippage, cushions record drop of automatic changers, protects needle from damage due to accidental dropping of pickup arm. Average shpg. wt. 6 oz.

PK-108—For 10 inch Turntables.....Net .59

PK-151—For 12 inch Turntables.....Net .69

PK-152—For 45 RPM Players.....Net .35

ELECTROSONIC LAB "DUST BUG"



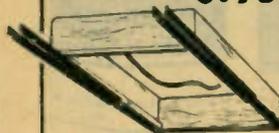
The "Dust Bug" is designed for special care of your valuable records, to remove dirt and dust on each playing. Consists of a light plastic arm which mounts by a suction cup and can be permanently mounted, if desired, by rubber cement. The bottle of anti-static cleaning fluid has a built-in wick for application to a brush and pad at the end of arm which clean your record automatically as it plays. Shpg. wt., 6 oz.

PK-156.....Net 5.63

Star Values in Phono Accessories

SLIDE-OUT DRAWER for RECORD CHANGERS

6.95



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% beyond edge of cabinet. Supplied either blank or cut to your specifications. Unfinished wood permits your painting to suit your own decor. Size 16x16x3/4". Shpg. Wt. 8 lbs.

PK-47—blank Net 6.95

Same as above, cut to your specifications. Specify make and model of changer or send template.

PK-48—cut Net 7.95

WOOD BASES FOR RECORD CHANGERS

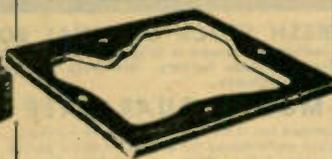


Wood bases cut to fit all popular changers such as Garrard, Collora, Webcor, V.M., etc. Finished in mahogany or blonde. Specify finish and make and model changer. Shpg. wt., 5 lbs.

PK-111 Base for changers 3.95

PK-112 Base for Garrard T 3.95

MOUNTING BOARDS FOR RECORD CHANGERS

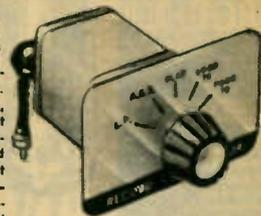


Strong, durable 3/4" gumwood, smoothly sanded and cut out for Garrard, Webcor, V.M., Collora. Unfinished for easy staining. Specify for particular model changer desired. Shpg. wt., 1 lb.

PK-110 Net 95¢

COMPENSATOR for G. E. CARTRIDGE

Designed for use with G.E. reluctance cartridges and preamplifiers. Five settings include LP, AES, Flat, Good 78 and Poor 78. No circuit loss is produced by use of equalizer. A must where greater bass and treble response is desired. Flat position gives maximum high frequency response. No wiring required—just plug in. With lead and plug. 7/8"x2"x2"—Max. depth 4". Stock No. PK-61 Net 3.95



BALANCED SOUND KIT



88¢

• STYLUS PRESSURE GAUGE • TURNTABLE LEVEL

The precision needle pressure gauge is compact and shallow permitting use directly on turntable to check pickup in normal playing position. Pressure read directly on scale of gauge. Easily recalibrated with an ordinary primary. Kit also contains accurate metal level to check correct horizontal plane of the turntable. Shpg. wt. 8 oz.

PK-101 Net 88¢

1.95 BALL BEARING HEAVY DUTY DRAWER SLIDES



Made of 16 gauge steel. Ball bearing, double-extension type, for mounting changers. Length 15", travel length 11", extended 22". Shpg. Wt. 5 lbs.

ML-34 per pair NET 1.95

CLARKSTAN PHONO NEEDLE PRESSURE GAUGE



Checks weight and balance of pickup arm from one gram to four ounces. Has two scales, plus calibrated dial with 4:1 scale multiplier. Indispensable to the serviceman. Shpg. wt. 1 lb.

PK-72 Net 1.47

ATOMIC JEWEL RECORD NEUTRALIZER



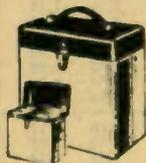
Makes records dust-resistant by neutralizing static charge. Clips to pickup arm. Contains radioactive material plus gold and silver. Weighs only 1/50 oz.

PK-109 Net 2.99

LYRIC ALL-METAL RECORD CARRYING CASES

For travel and home storage of records. Feature all metal, rolled-edge construction, string hinges and lock, and wide comfortable plastic handles. All except model 57 have embossed index for separation and protection of records. Model 57 holds records in envelopes. Attractive 2-tone wrinkle finish.

Stock No.	Model	Capacity	Shpg. Wt.	Net
PK-113	57	48-7" Records	2 lbs.	1.27
PK-114	58	60-7" Records	4 lbs.	2.29
PK-53	43	50-10" Records	6 lbs.	4.53
PK-57	46	36-12" Records	7 lbs.	4.90



STATI-CLEAN



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¢

NEEDLE BRUSH FOR RECORD CHANGERS



Attaches with adhesive pad with brush facing upward. At each cycle of changer arm, needle is wiped over brush, keeping it always clean. Height is adjustable. Shpg. wt. 5 oz.

PK-107 Net 98¢

RECORD BRUSH • CLEANS AS IT PLAYS



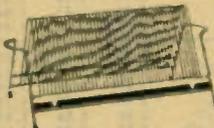
Snap right on tone arm of record player; its soft camel's hair resting lightly on record. Keeps surface clean of foreign matter, improves record life, protects needle from excessive wear. Shpg. wt. 4 oz.

PK-102 Net .35

LYRIC RECORD RACK

Model 64. Holds 50 records all sizes. Handsomely styled with convenient handles, plasticized wire separators and plastic feet. With index. Shpg. wt., 4 lbs.

PK-147 Net 1.95



UNIVERSAL 3-SPEED NEEDLE

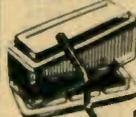
29¢ ea.
Lots of 10



Over 80% discount on these famous brand needles! Offset shank with osmium tip. Plays all 3 speeds. On individual cards with manufacturer's name. Regular resale \$1.50.

PK-21 singly, ea. .39 Lots of 10, ea. .29

RUBY PHONO NEEDLE



Synthetic ruby tipped needle for chuck type phonographs. Offset shank provides spring action. Each in plastic case.

PK-14—in lots of 3, each .79
Singly, each .89

HIGH FIDELITY RUMBLE FILTER

For elimination of rumble caused by low frequency distortion introduced into phono system by many record changers and turntables. Attenuates signals below 50 cycles. Has switch to cut in or out of circuit. For crystal or ceramic cartridges. Has flange for mounting. Size: 4 3/4" L x 3 3/4" W x 1 1/4" H. Shpg. wt., 3 lbs.

PK-148 Net 3.75



2.91 RECORD CARE KIT

A complete kit for the care and preservation of your valuable records. Contains a spray-can of STATI-CLEAN described below to keep records dust-free and prolong their life, applicator cloth, needle brush, 12 polyethylene disc-covers for 12" records, and 15 for 10" records, plus a 25 page book on the care of recordings. Shpg. wt., 2 lbs.

PK-106 Net 2.91



STANDARD RECORD ALBUMS

Attractive maroon fabrikoid covers and ten sturdy kraft paper packets make up this strong record album. Opens flat for easy accessibility of records. Index for record title and artist imprinted on inside cover. Shpg. wt. 2 lbs.

PK-73—For 10" Records .75

PK-74—For 12" Records .95

DELUXE RECORD ALBUMS

Padded covers bound with rich, brown swirl leatherette. Attractive gold embossed Gothic design on back makes this durable album especially appealing. Holds 12 records and opens flat. A set of these handsome albums will add to the appearance of your record library. Shpg. wt. 3 lbs.

PK-75—For 10" Records 1.20

PK-76—For 12" Records 1.35



14.90

• With self leveler
brass ferrules

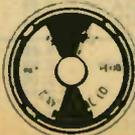
COMBINATION PHONO TABLE RECORD CABINET

Here's an attractively finished unit that is not only a beautiful piece of furniture, but that has the functional design to make it really useful. A phonograph or tape recorder may be placed on the amply sized top. The storage space has a vertical divider for 10" or 12" records or albums. The horizontal divider for 45 RPM records and albums is removable so space can be utilized for flat or upright stacking. Made of high grade beautiful furniture veneer, sturdily and solidly built, finely finished and styled. Size 28" high x 22 1/2" wide x 18 1/2" deep. Shipped knockdown. Simple to assemble. Shpg. Wt. 18 lbs. Available in mahogany or blonde finish. Specify color.

Less sliding doors.

Universal 13M Cabinet MAHOGANY... 14.90
Universal 13B Cabinet BLONDE... 16.40
Similar to above except with sliding doors
14M Mahogany... Net 17.90
14B Blonde Oak... Net 19.40

SPIDERS FOR 45 RPM RECORDS



Fiber Spiders, Wt. 3 oz.
MS-67—Per pkg. of 12.

NET 28¢

Metal Spiders, Wt. 6 oz.
MS-68—Per pkg. of 10.

NET 47¢

RECORD CLEANING CLOTH

Removes record static with one wipe! Eliminates noises caused by grit in grooves—no more "pops" and "clicks". Adds months to record life. Vinyl records take static charges—extract ashes—dust—grit. One wipe removes charge

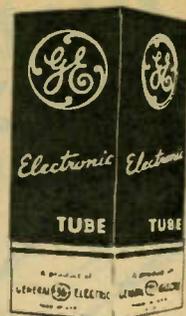


—cleans—lubricates—protects precious records.
PK-83...Net, ea. .35



RECEIVING TUBES

Authorized Distributors



BRAND NEW—FRESH STOCK—ORIGINAL BOXED TUBES
 All tubes are brand new, individually boxed in original tube manufacturer's jobber cartons—just as they come from the tube factory. We stock the leading brands—RCA, GE, Sylvania, Mytron and Westinghouse.

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. When you buy tubes from Lafayette you buy with confidence. Dependability is assured by continual and thorough testing of each tube in every stage of manufacture. Average shpg. wt. 4 oz., per 10 tubes, 2 1/2 lbs.

NEW TYPES: Lafayette will automatically stock all new types. If you don't find the type you need in this listing, do not hesitate to order it; we will ship it at our regular low prices.

REPLACED TYPES: When the original type is no longer available we will ship the newer, directly interchangeable version.

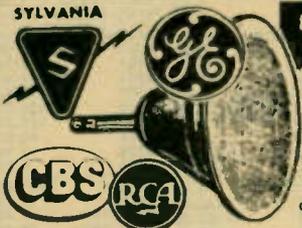
DISCOUNTS UP TO 50/10/2%

Tubes may be assorted for quantity prices as shown in price columns. In lots of 50 or more tubes deduct an additional 10% from the second net price column.

TUBE TYPE	LIST PRICE	NET EACH IN LOTS OF 1 to 5	NET EACH IN LOTS OF 6 to 49	TUBE TYPE	LIST PRICE	NET EACH IN LOTS OF 1 to 5	NET EACH IN LOTS OF 6 to 49	TUBE TYPE	LIST PRICE	NET EACH IN LOTS OF 1 to 5	NET EACH IN LOTS OF 6 to 49	TUBE TYPE	LIST PRICE	NET EACH IN LOTS OF 1 to 5	NET EACH IN LOTS OF 6 to 49
OZ4	1.55	.82	.76	3BN4	2.20	1.17	1.08	6AC7	3.45	1.82	1.69	6B06GTA	3.90	2.07	1.91
OZ4A	2.00	1.06	.98	3BN6	2.85	1.51	1.40	6AD7G	4.65	2.46	2.27	6B06GTB	3.90	2.07	1.91
OZ4G	1.90	1.01	.93	3BU8	2.60	1.37	1.27	6AF4A	3.60	1.90	1.76	6B07A	3.55	1.88	1.74
1A3	2.70	1.43	1.32	3BY6	2.10	1.11	1.03	6AF6G	3.10	1.64	1.52	6BR8	2.95	1.56	1.44
1A5GT	2.55	1.35	1.25	3C8E	2.10	1.11	1.03	6AG5	2.20	1.17	1.08	6BS8	3.50	1.85	1.71
1A6	3.65	1.93	1.79	3CE5	2.10	1.11	1.03	6AG7	3.90	2.07	1.91	6B8U	2.60	1.37	1.27
1A7GT	2.95	1.56	1.44	3CE5/3BC5	2.05	1.09	1.00	6AH4GT	2.75	1.45	1.35	6B8V	2.75	1.45	1.35
1A85	5.70	3.02	2.79	3CF6	2.30	1.22	1.13	6AH6	3.30	1.74	1.62	6BW4	1.65	.87	.80
1A85	3.90	2.07	1.91	3C5E	2.20	1.17	1.08	6A J4	4.45	2.35	2.18	6BW8	2.90	1.54	1.42
1AFA	3.60	1.90	1.76	3D6/1299	5.05	2.68	2.47	6AK5	4.05	2.15	1.98	6BX7GT	3.60	1.90	1.76
1AG4	2.85	1.51	1.40	3DK6	2.20	1.17	1.08	6AK6	2.55	1.35	1.25	6BY5GA	3.30	1.74	1.62
1AH4	3.05	1.62	1.49	3DT6	1.95	1.03	.96	6AL5	1.65	.87	.80	6BY6	2.10	1.11	1.03
1AJ5	2.90	1.54	1.42	3LF4	3.55	1.88	1.74	6AL7GT	5.00	2.65	2.45	6BY8	2.45	1.29	1.20
1AX2	2.70	1.43	1.32	3Q4	2.35	1.24	1.15	6AM4	5.35	2.83	2.62	6BZ6	2.10	1.11	1.03
1B3GT	2.60	1.40	1.30	3Q5GT	3.10	1.64	1.52	6AM8	2.90	1.54	1.42	6BZ7	3.60	1.90	1.76
1B4P	4.05	2.15	1.98	3S4	2.30	1.22	1.13	6AM8A	2.95	1.54	1.44	6C4	1.65	.87	.80
1B5/255	3.50	1.85	1.71	3V4	2.20	1.17	1.08	6AN4	4.55	2.41	2.23	6C5GT	2.35	1.24	1.15
1C5GT	2.90	1.54	1.42	4AU6	1.95	1.03	.96	6AN8	3.15	1.67	1.54	6C6	2.15	1.14	1.05
1C6	3.50	1.85	1.71	48C5	2.10	1.11	1.03	6AQ5	2.00	1.06	.98	6C6	3.15	1.67	1.54
1D7G	3.65	1.93	1.79	48C8	3.65	1.93	1.79	6AQ5A	2.00	1.06	.98	6C8G	4.30	2.27	2.11
1DN5	2.10	1.11	1.03	48N6	2.80	1.48	1.37	6AO6	1.85	.98	.91	6C8A	6.15	3.25	3.01
1E8	4.30	2.27	2.11	48Q7A	3.55	1.88	1.74	6A07GT	3.05	1.62	1.49	6C8B	2.10	1.11	1.03
1F4	2.85	1.51	1.40	48S8	3.65	1.93	1.79	6AR5	2.10	1.11	1.03	6C8A	2.10	1.11	1.03
1F5G	2.85	1.51	1.40	48U8	2.60	1.37	1.27	6AR8	3.55	1.88	1.74	6CD6G	5.20	2.75	2.55
1G5G	3.30	1.74	1.62	48V8	3.45	1.82	1.69	6AS5	2.15	1.14	1.05	6CD6GA	5.20	2.75	2.55
1H5GT	2.45	1.29	1.20	48Z7	3.65	1.93	1.79	6AS8	3.05	1.62	1.49	6CF5/68CS	2.10	1.11	1.03
1H6G	3.50	1.85	1.71	4C86	2.10	1.11	1.03	6AT6	1.65	.87	.80	6CF6	2.25	1.19	1.10
1J3	2.65	1.40	1.30	4CY5	2.50	1.32	1.22	6AT8	2.90	1.54	1.42	6CG7	2.30	1.22	1.13
1J6GT	3.50	1.85	1.71	4DT6	1.95	1.03	.96	6AT8A	2.95	1.56	1.44	6CG8	2.90	1.54	1.42
1L4	2.35	1.24	1.15	5AM8	2.95	1.56	1.44	6AU4GTA	3.05	1.62	1.49	6CG8A	2.90	1.54	1.42
1L6	2.90	1.54	1.42	5AN8	3.20	1.70	1.57	6AU5GT	3.65	1.93	1.79	6CM8	3.25	1.71	1.59
1LA4	3.35	1.77	1.64	5AQ5	2.05	1.09	1.00	6AU6	1.90	1.01	.93	6CL6	3.25	1.71	1.59
1LA6	3.30	1.74	1.62	5AS4	1.90	1.01	.93	6AU6A	1.90	1.01	.93	6CL8	2.85	1.51	1.40
1LB4	3.55	1.88	1.74	5AS8	3.05	1.62	1.49	6AU8	3.15	1.67	1.54	6CM6	2.25	1.19	1.10
1LC5	3.15	1.67	1.54	5AT8	2.90	1.54	1.42	6AU8A	3.15	1.67	1.54	6CM7	2.55	1.35	1.25
1LC6	3.30	1.74	1.62	5AU4	3.10	1.64	1.52	6AV5GA	3.55	1.88	1.74	6CM8	3.15	1.67	1.54
1LD5	3.30	1.74	1.62	5AV8	3.20	1.70	1.57	6AV6	1.60	.84	.78	6CN7	2.30	1.22	1.13
1LE3	3.15	1.67	1.54	5AW4	2.50	1.32	1.22	6AW8	3.30	1.74	1.62	6CQ8	2.95	1.56	1.44
1LG5	3.15	1.67	1.54	5AZ4	2.15	1.14	1.05	6AW8A	3.30	1.74	1.62	6CR6	2.05	1.09	1.00
1LM4	3.15	1.67	1.54	5B8	3.20	1.70	1.57	6AX4GT	2.45	1.29	1.20	6CS6	2.15	1.14	1.05
1LN5	3.15	1.67	1.54	5B8E	2.90	1.54	1.42	6AX5GT	2.55	1.35	1.25	6CS7	2.60	1.37	1.27
1N5GT	2.90	1.54	1.42	5BK7A	3.20	1.70	1.57	6AX8	2.90	1.54	1.42	6C8U5	2.10	1.11	1.03
1P5GT	2.90	1.54	1.42	5BQ7A	3.55	1.88	1.74	6AZ8	3.55	1.88	1.74	6CU6	4.55	2.41	2.23
1Q5GT	3.05	1.62	1.49	5BR8	3.05	1.62	1.49	6BR8	4.55	2.41	2.23	6CU8	3.30	1.74	1.62
1R4	3.15	1.67	1.54	5B8T	3.10	1.64	1.52	6B8	3.90	2.07	1.91	6CX8	3.25	1.71	1.59
1R5	2.35	1.24	1.15	5CG8	2.90	1.54	1.42	6B8A	1.90	1.01	.93	6CY7	2.60	1.37	1.27
1S4	2.85	1.51	1.40	5CL8	2.90	1.54	1.42	6BA7	3.15	1.67	1.54	6CZ5	2.55	1.35	1.25
1S5	2.05	1.09	1.00	5CM8	3.20	1.70	1.57	6B8A	3.30	1.74	1.62	6D6	3.15	1.67	1.54
1T4	2.20	1.17	1.08	5CZ5	2.60	1.37	1.27	6BC4	4.45	2.35	2.18	6D86	2.05	1.09	1.00
1U4	2.20	1.17	1.08	5DH8	3.20	1.70	1.57	6BC5	2.10	1.11	1.03	6DC6	2.55	1.35	1.25
1U5	1.95	1.03	.96	5J6	2.55	1.35	1.25	6BC7	3.20	1.70	1.57	6DE6	2.20	1.17	1.08
1U6	2.65	1.40	1.30	5T4	5.45	2.88	2.67	6BC8	3.60	1.90	1.76	6DE6GT	2.20	1.17	1.08
1V	2.90	1.54	1.42	5T8	3.15	1.67	1.54	6BD4A	21.50	11.38	10.53	6DK6	2.05	1.09	1.00
1V2	1.80	.95	.88	5U4G	1.90	1.01	.93	6BD4	3.60	1.90	1.76	6DN6	5.15	2.72	2.52
1V6	3.70	1.96	1.81	5U4GA/8	1.90	1.01	.93	6BD5GT	1.95	1.03	.94	6DO6	6.95	3.68	3.41
1X2A	2.70	1.43	1.32	5U4GB	1.90	1.01	.93	6DE	1.95	1.03	.94	6DO6S	3.90	2.07	1.91
1X2B	2.70	1.43	1.32	5U8	3.05	1.62	1.49	6DE6	2.10	1.11	1.03	6DQ6A	3.90	2.07	1.91
1X2A/B	2.70	1.43	1.32	5V3	2.90	1.54	1.42	6BF5	2.25	1.19	1.10	6D5S	2.35	1.24	1.15
2A3	5.10	2.69	2.50	5V4G	2.80	1.48	1.37	6BF6	1.70	.90	.83	6DT6	1.95	1.03	.96
2A6	2.85	1.51	1.40	5V4GA	2.80	1.48	1.37	6BFG6G	5.55	2.94	2.71	6E5	2.55	1.35	1.25
2A7	2.85	1.51	1.40	5V6GT	2.20	1.17	1.08	6BG6A	5.55	2.94	2.71	6F5	2.65	1.40	1.30
2AF4A	3.65	1.93	1.79	5X4G	2.25	1.19	1.10	6BH6	2.45	1.29	1.20	6F5GT	2.60	1.37	1.27
2B3	2.60	1.37	1.27	5X8	2.90	1.54	1.42	6BJ6	2.35	1.24	1.15	6F6	3.05	1.62	1.49
2B7	3.55	1.88	1.74	5Y3GT	1.55	.82	.76	6BJ7	2.50	1.32	1.22	6F6GT	2.45	1.29	1.20
2B9A	2.60	1.37	1.27	5Y4G	2.10	1.11	1.03	6BJ8	2.55	1.35	1.25	6F7	4.65	2.46	2.27
2C2Y5	2.50	1.37	1.27	5Y4GT	2.10	1.11	1.03	6BK4	6.35	3.36	3.11	6F8G	4.30	2.27	2.11
3A2	3.15	1.67	1.54	5Z3	2.60	1.37	1.27	6BK5	2.95	1.56	1.44	6G6G	3.35	1.77	1.64
3A3	3.05	1.62	1.49	5Z4	3.90	2.07	1.91	6BK7A	3.15	1.67	1.54	6H6	2.40	1.27	1.18
3A8GT	5.00	2.65	2.45	6A3	3.90	2.07	1.91	6BL4	5.60	2.96	2.74	6J5	2.15	1.14	1.05
3AF4A	3.65	1.93	1.79	6A7	3.40	1.80	1.66	6BL7GT	3.55	1.88	1.74	6J5GT	2.15	1.14	1.05
3AL5	1.70	.90	.83	6A8	3.30	1.74	1.62	6BN4	2.20	1.17	1.08	6J6	2.55	1.35	1.25
3AU6	1.95	1.03	.96	6ABG	3.30	1.74	1.62	6BN6	2.70	1.43	1.32	6J7A	3.05	1.62	1.49
3AV6	1.60	.84	.78	6ABGT	3.30	1.74	1.62	6BN8	2.55	1.35	1.25	6J7G	3.05	1.62	1.49
3B2	4.85	2.57	2.37	6AB8	1.85	.98	.91	6BQ6A/G	3.90	2.07	1.91	6J7GT	3.05	1.62	1.49
3B7/1291	6.00	3.18	2.94	6AB5/6N5	3.15	1.67	1.54	6CU6	3.90	2.07	1.91	6J8G			

RECEIVING TUBES

TUBE TYPE	LIST PRICE	NET EACH IN LOTS OF 5	NET EACH IN LOTS OF 6 TO 49	TUBE TYPE	LIST PRICE	NET EACH IN LOTS OF 5	NET EACH IN LOTS OF 6 TO 49	TUBE TYPE	LIST PRICE	NET EACH IN LOTS OF 5	NET EACH IN LOTS OF 6 TO 49	TUBE TYPE	LIST PRICE	NET EACH IN LOTS OF 5	NET EACH IN LOTS OF 6 TO 49
7B7	2.65	1.40	1.30	12AL5	1.70	.90	.83	12J5GT	2.15	1.14	1.05	17AV5GA	3.60	1.90	1.76
7B8	2.85	1.51	1.40	12AL8	3.35	1.77	1.64	12J7GT	3.05	1.62	1.49	17AX4GT	2.55	1.35	1.25
7C4	3.90	2.07	1.91	12A05	2.00	1.06	.98	12J8	3.15	1.67	1.54	17B0AGT	4.05	2.15	1.98
7C5	2.80	1.48	1.37	12A16	1.65	.87	.80	12K5	2.55		1.25	17C5	2.05	1.09	1.00
7C6	2.65	1.40	1.30	12A17	2.85	1.51	1.40	12K7GT	2.70	1.43	1.32	17D0A	3.90	2.07	1.91
7C7	2.55	1.35	1.25	12A18	1.90	1.01	.93	12K8GT	3.05	1.62	1.49	17D0AA	3.90	2.07	1.91
7E5	3.15	1.67	1.54	12A19	2.30	1.22	1.13	12L6GT	2.20	1.17	1.08	17H3	1.80	.95	.88
7E6	3.15	1.67	1.54	12A19A	2.30	1.22	1.13	12Q7GT	2.55	1.35	1.25	17R5	2.20	1.17	1.08
7E7	3.55	1.88	1.74	12A19B	2.30	1.22	1.13	12R5	2.20	1.17	1.08	18A5	3.45	1.82	1.69
7F7	2.95	1.56	1.44	12A19C	2.30	1.22	1.13	12S5A7	2.60	1.37	1.27	19A04	3.10	1.64	1.52
7F8	3.65	1.93	1.79	12A19D	2.30	1.22	1.13	12S5A7GT	2.60	1.37	1.27	19A04GTA	3.05	1.62	1.49
7G7	3.20	1.70	1.57	12A19E	2.30	1.22	1.13	12S5A7GT	2.60	1.37	1.27	19B6AG	6.00	3.18	2.94
7H7	3.20	1.74	1.62	12A19F	2.30	1.22	1.13	12S5A7GT	2.60	1.37	1.27	19C6AG	6.00	3.18	2.94
7J7	4.05	2.15	1.98	12A19G	2.30	1.22	1.13	12S5A7GT	2.60	1.37	1.27	19C6AG	6.00	3.18	2.94
7K7	3.55	1.88	1.74	12A19H	2.30	1.22	1.13	12S5A7GT	2.60	1.37	1.27	19C6AG	6.00	3.18	2.94
7L7	3.35	1.77	1.64	12A19I	2.30	1.22	1.13	12S5A7GT	2.60	1.37	1.27	19C6AG	6.00	3.18	2.94
7M7	2.70	1.43	1.32	12A19J	2.30	1.22	1.13	12S5A7GT	2.60	1.37	1.27	19C6AG	6.00	3.18	2.94
7Q7	3.30	1.74	1.62	12A19K	2.30	1.22	1.13	12S5A7GT	2.60	1.37	1.27	19C6AG	6.00	3.18	2.94
7R7	4.05	2.15	1.98	12A19L	2.30	1.22	1.13	12S5A7GT	2.60	1.37	1.27	19C6AG	6.00	3.18	2.94
7T7	3.65	1.93	1.79	12A19M	2.30	1.22	1.13	12S5A7GT	2.60	1.37	1.27	19C6AG	6.00	3.18	2.94
7V7	3.90	2.07	1.91	12A19N	2.30	1.22	1.13	12S5A7GT	2.60	1.37	1.27	19C6AG	6.00	3.18	2.94
7W7	3.75	1.98	1.84	12A19O	2.30	1.22	1.13	12S5A7GT	2.60	1.37	1.27	19C6AG	6.00	3.18	2.94
7X6	2.65	1.40	1.30	12A19P	2.30	1.22	1.13	12S5A7GT	2.60	1.37	1.27	19C6AG	6.00	3.18	2.94
7X7/XXFM	4.70	2.49	2.30	12A19Q	2.30	1.22	1.13	12S5A7GT	2.60	1.37	1.27	19C6AG	6.00	3.18	2.94
7Y4	2.20	1.17	1.08	12A19R	2.30	1.22	1.13	12S5A7GT	2.60	1.37	1.27	19C6AG	6.00	3.18	2.94
7Z4	2.20	1.17	1.08	12A19S	2.30	1.22	1.13	12S5A7GT	2.60	1.37	1.27	19C6AG	6.00	3.18	2.94
8A0B	3.10	1.64	1.52	12A19T	2.30	1.22	1.13	12S5A7GT	2.60	1.37	1.27	19C6AG	6.00	3.18	2.94
8A0B8A	3.35	1.77	1.64	12A19U	2.30	1.22	1.13	12S5A7GT	2.60	1.37	1.27	19C6AG	6.00	3.18	2.94
8B8A	3.35	1.77	1.64	12A19V	2.30	1.22	1.13	12S5A7GT	2.60	1.37	1.27	19C6AG	6.00	3.18	2.94
8B8B	3.25	1.71	1.59	12A19W	2.30	1.22	1.13	12S5A7GT	2.60	1.37	1.27	19C6AG	6.00	3.18	2.94
8B8C	2.55	1.35	1.25	12A19X	2.30	1.22	1.13	12S5A7GT	2.60	1.37	1.27	19C6AG	6.00	3.18	2.94
8CG7	2.35	1.24	1.15	12A19Y	2.30	1.22	1.13	12S5A7GT	2.60	1.37	1.27	19C6AG	6.00	3.18	2.94
8CM7	2.55	1.35	1.25	12A19Z	2.30	1.22	1.13	12S5A7GT	2.60	1.37	1.27	19C6AG	6.00	3.18	2.94
9CN7	2.35	1.24	1.15	12B06A/12CU5	3.95	2.09	1.93	12S5A7GT	2.60	1.37	1.27	19C6AG	6.00	3.18	2.94
9CS7	2.65	1.40	1.30	12B06A/12CU5	4.05	2.15	1.98	12S5A7GT	2.60	1.37	1.27	19C6AG	6.00	3.18	2.94
9CN8	3.35	1.77	1.64	12B06A/12CU5	4.05	2.15	1.98	12S5A7GT	2.60	1.37	1.27	19C6AG	6.00	3.18	2.94
9SN7GT	2.35	1.24	1.15	12B06A/12CU5	4.05	2.15	1.98	12S5A7GT	2.60	1.37	1.27	19C6AG	6.00	3.18	2.94
9CL8	2.90	1.54	1.42	12B06A/12CU5	4.05	2.15	1.98	12S5A7GT	2.60	1.37	1.27	19C6AG	6.00	3.18	2.94
9UBA	2.95	1.56	1.44	12B06A/12CU5	4.05	2.15	1.98	12S5A7GT	2.60	1.37	1.27	19C6AG	6.00	3.18	2.94
10C8	3.55	1.88	1.74	12B06A/12CU5	4.05	2.15	1.98	12S5A7GT	2.60	1.37	1.27	19C6AG	6.00	3.18	2.94
10DE7	2.65	1.40	1.30	12B06A/12CU5	4.05	2.15	1.98	12S5A7GT	2.60	1.37	1.27	19C6AG	6.00	3.18	2.94
12A4	2.45	1.29	1.20	12B06A/12CU5	4.05	2.15	1.98	12S5A7GT	2.60	1.37	1.27	19C6AG	6.00	3.18	2.94
12A8G	3.30	1.74	1.62	12B06A/12CU5	4.05	2.15	1.98	12S5A7GT	2.60	1.37	1.27	19C6AG	6.00	3.18	2.94
12A8GT	3.30	1.74	1.62	12B06A/12CU5	4.05	2.15	1.98	12S5A7GT	2.60	1.37	1.27	19C6AG	6.00	3.18	2.94
12A8S	2.10	1.11	1.03	12B06A/12CU5	4.05	2.15	1.98	12S5A7GT	2.60	1.37	1.27	19C6AG	6.00	3.18	2.94
12A85	1.85	.98	.91	12B06A/12CU5	4.05	2.15	1.98	12S5A7GT	2.60	1.37	1.27	19C6AG	6.00	3.18	2.94
12AD6	2.10	1.11	1.03	12B06A/12CU5	4.05	2.15	1.98	12S5A7GT	2.60	1.37	1.27	19C6AG	6.00	3.18	2.94
12AD7	2.50	1.32	1.22	12B06A/12CU5	4.05	2.15	1.98	12S5A7GT	2.60	1.37	1.27	19C6AG	6.00	3.18	2.94
12AE6	1.70	.90	.84	12B06A/12CU5	4.05	2.15	1.98	12S5A7GT	2.60	1.37	1.27	19C6AG	6.00	3.18	2.94
12AE7	2.95	1.56	1.43	12B06A/12CU5	4.05	2.15	1.98	12S5A7GT	2.60	1.37	1.27	19C6AG	6.00	3.18	2.94
12AF6	2.00	1.04	.98	12B06A/12CU5	4.05	2.15	1.98	12S5A7GT	2.60	1.37	1.27	19C6AG	6.00	3.18	2.94
12AH7GT	3.40	1.80	1.66	12B06A/12CU5	4.05	2.15	1.98	12S5A7GT	2.60	1.37	1.27	19C6AG	6.00	3.18	2.94
12AJ6	1.55	.82	.76	12B06A/12CU5	4.05	2.15	1.98	12S5A7GT	2.60	1.37	1.27	19C6AG	6.00	3.18	2.94



T.V. PICTURE TUBES

BRAND NEW GUARANTEED FOR 1 YEAR
TUBE MANUFACTURERS' ORIGINAL SEALED CARTONS
SAVE MONEY RETURN YOUR OLD TUBE

Many types of "DUDS" are returnable for an allowance ranging approximately from 1.00 to 5.00 depending on size. Write for information.
* = ulminated.

TYPE NO.	LIST PRICE	NET EACH	Type No.	LIST PRICE	NET EACH	TYPE NO.	LIST PRICE	NET EACH
5AXP4	—	19.35	16AEP4	35.25	25.90	17QP4A*	38.75	28.40
5TP4*	78.25	57.48	16DP4A	45.75	33.60	17RP4/HP4	35.25	25.80
7DP4	39.75	29.20	16EP4A	53.00	39.20	17TP4	43.75	32.19
7JP4	29.50	21.70	16FP4	35.75	26.20	17VP4/LP4	35.25	25.80
8AP4A	29.75	19.00	16GP4	48.25	35.43	19AP4A	52.50	38.65
8DP4	19.95	14.65	16HP4	48.25	35.43	19AP4B	52.50	38.65
8XP4	—	21.55	16JP4A	44.50	32.68	20CP4/DP4	40.25	29.60
9QP4	21.50	15.68	16KP4/RP4A*	40.50	29.74	20CP4A/DP4A	40.25	29.60
10AEP4B	23.25	17.10	16LP4A/16ZP4	44.50	32.68	20CP4B/DP4B*	48.00	35.18
10BP4A	22.50	16.50	16MP4/KP4	33.25	24.50	20CP4D/DP4C*	48.00	35.18
10FP4A*	26.00	19.05	16RP4A/KP4A*	40.50	29.74	20MP4	42.00	30.90
10HP4	37.25	27.44	16TP4	33.25	24.50	20MP4A/LP4/MP4	42.00	30.90
10MP4A	29.25	21.55	16WP4A	44.50	32.68	20MP4C*	49.75	36.44
12KP4A*	31.75	23.23	17AP4	33.25	24.50	20MP4D*	47.50	34.84
12LP4A	27.25	19.94	17AVP4/TP4	35.25	25.80	20JP4	44.75	32.83
12QP4A*	38.00	27.78	17AVP4A/TP4A*	42.50	31.07	21AC4P/MP4	40.25	29.60
14OP4A	30.25	19.94	17BP4A	33.25	24.50	21ACP4A/MP4A*	48.00	35.18
12UP4B	30.25	19.94	17BP4B*	40.50	29.74	21ALP4	42.00	30.90
12VP4A	33.75	24.84	17BRP4*	45.30	33.65	21ALP4A*	47.50	34.84
14JP4A*	41.85	30.70	17BP4C*	47.75	34.99	21ALP4B*	47.50	34.84
14SP4/CP4/EP4	29.25	21.55	17BP4D*	45.30	33.65	21AMP4A*	48.00	35.18
14CP4/EP4	29.25	21.55	17BP4E*	45.30	33.65	21AP4	50.75	37.24
14EP4/CP4	29.25	21.55	17CP4	43.75	32.14	21ARP4A*	58.70	40.23
14HP4	29.25	21.55	17CP4A	45.75	33.60	21ATP4*	49.75	36.44
14QP4	31.25	22.78	17FP4A	40.50	29.74	21ATP4A*	49.75	36.44
14QP4A*	36.50	26.80	17GP4	48.25	35.43	21AUP4B/A	49.75	36.44
14RP4A*	36.00	26.44	17HP4/RP4	35.25	25.80	21AVP4/UP4	42.00	30.90
14RP4A*	34.75	25.48	17HP4B*	42.50	31.07	21AVP4A/UP4A*	49.75	36.44
14SP4*	38.00	27.78	17HP4B/17BP4C*	42.50	31.07	21AVP4B/A	48.00	35.18
14WP4	34.75	25.48	17JP4	35.25	25.80	21AWP4A*	48.00	35.18
14XP4A*	38.00	27.78	17KP4	35.75	26.20	21BSP4	49.75	36.44
15DP4A B1014	37.75							



Special Purpose Tubes for: • INDUSTRIALS

• AMATEURS • BROADCASTERS

RCA RAYTHEON SYLVANIA

AMPEREX CBS-HYTRON

GE EIMAC WESTINGHOUSE



This listing of approximately 700 types of special-purpose tubes include power tubes, rectifiers, photo-electric, miniature and cathode-ray tube types for industrial, broadcast, amateur and research use. These tubes represent the products of the leading tube manufacturers of special purpose tubes. Lafayette automatically stocks all new types as they are released. If you do not find the type you need in this listing, do not hesitate to order it. We will ship it at our customary low price.

TYPE	Net	TYPE	Net	TYPE	Net	TYPE	Net	TYPE	Net	TYPE	Net	TYPE	Net	TYPE	Net
CK1/6014	12.90	3FP7-A	27.50	70P4	45.50	803	31.00	CK1022	13.25	5663	2.10	CK5962	12.45	CK6418	3.05
C33/5632	15.50	3JP1	23.50	7RP4	67.60	804	21.65	CK1023	10.80	5670	5.05	5963	3.40	CK6437	8.30
C63A/5684	17.30	3JP7	27.15	7TP4	62.50	805	15.90	CK1024	4.00	5670WA	5.80	5964	1.40	6442	37.50
C63/5C21	28.90	3KP1	26.90	7VP4	29.00	806	34.25	CK1026	3.50	5671	1250.00	5965	2.15	6448	4610.00
C646/5685	29.36	3KP4	22.85	800	825.00	807	2.90	CK1038	8.30	CK5672		CK5971		6463	2.15
C16J/5665	56.90	3KP7	22.85	801	1500.00	808	18.25	5674	5.85	5675	164.75	5973	400.00	6472	10.20
0A2	1.26	3MP11	21.95	802	1015.00	809	5.65	1609	14.50	1612	3.20	6005	4.60	6474/1854	1700.00
0A2-WA	3.80	3RP1	26.30	9C22	1430.00	810	5.65	1613	2.45	1614	2.45	6005/600S/	600S/	6485	1.65
0A3/VR75	1.27	3RP1-A	17.30	9C25	1190.00	811	5.65	1616	2.72	1617	19.65	6005/6095W	4.60	6489	335.00
0A4G	1.68	3RP1-A	17.30	10K7	57.50	812	5.65	1618	8.65	1619	3.30	6011	13.00	6504	2642.00
0B2	1.32	3RP4	20.80	10SP4	82.25	813	19.65	1620	3.30	1621	3.30	6012	6.25	6509	486.25
0B2-WA	4.20	3UP1	46.70	10-Y	6.30	814	18.70	1622	6.36	1623	6.36	6014	4.17	6511	154.90
0B3/VR90	1.65	3WP1	31.65	12A6	2.09	815	18.75	1624	1.95	1625	2.95	6016/CTK	12.90	6512	259.80
0C3/VR105	1.27	3WP2	32.45	12A7-WA	4.85	816	2.15	1626	2.70	1627	4.05	6017	351.00	6513	347.00
0D3/VR150	1.27	3WP11	32.45	12A77	2.53	817	18.95	1628	4.05	1629	4.05	6019	70.00	6514	451.00
1AD4	3.05	3X2500A3	198.00	12DP7-A	73.95	827-R	235.00	1632	1.85	1633	1.85	6021	5.85	6515	1091.50
1AD5	1.95	4-65A	20.00	12SW7	1.55	828	20.95	1634	1.55	1635	2.00	6029	5.00	6521	325.00
1AC4	3.25	4B32	12.00	12SP7	57.00	829-B	16.25	1636	1.40	1637	3.20	6039	1117.50	6524	15.75
1AC5	2.05	RK4032	30.95	12SP7B	67.60	830-B	12.65	1638	3.35	1639	3.35	6044	56.00	6525	2.15
1B85	7.50	4-125A/		12SY7	1.70	832-A	14.20	1640	1.55	1641	1.55	6046	1.55	6526	4.35
1B86	7.50	4D21	30.25	16ADP7	94.75	833A	49.00	1642	1.40	1643	1.40	6047	4.80	6527	59.65
1C21	3.85	4-250A/		17ADP7	187.00	834	14.50	1644	3.20	1645	3.20	6048	3.00	6528	56.25
1C21	3.85	5D22	41.25	26A6	3.20	836	9.00	1646	3.25	1647	3.25	6049	3.45	6660/6BA6	1.05
1EP1	15.75	4-1000A	132.00	26A6TGT	7.25	837	6.30	1648	1.40	1649	1.40	6050	3.45	6661/6BH6	1.33
1EP2	16.75	4C33	215.00	26A6	2.35	838	16.00	1650	3.65	1651	3.65	6051	3.45	6662/68L5	1.27
1EP11	16.75	4E27/8001	26.00	26A6	3.00	841	3.65	1652	1.85	1653	1.85	6052	3.45	6663/6ALS	1.11
1L21	25.00	4E27A/		27A	40.25	842	15.95	1654	1.85	1655	1.85	6053	3.45	6667	1.79
1L22	39.00	5-125B	35.75	RK61	3.70	845	15.95	1656	1.85	1657	1.85	6054	3.45	6678	1.61
1L23	39.00	4X150A	38.95	75T/75TL	28.00	851	590.00	1658	1.85	1659	1.85	6055	3.45	6679/12A7	1.54
1L24	55.00	4X150A	38.95	81A	27.77	857-B	218.50	1660	1.85	1661	1.85	6056	3.45	6680/12A07	1.26
1L31	21.00	4X500A	121.00	83	1.32	860	36.65	1662	1.85	1663	1.85	6057	3.45	6681/12A07	1.26
1L32	26.50	SABP1	31.80	87	56.50	861	190.00	1664	1.85	1665	1.85	6058	3.45	6694-A	5.29
1L33	25.00	SABP4	39.15	98A	71.43	862A	1322.00	1666	1.85	1667	1.85	6059	3.45	6806	6185.00
1L33	46.00	SABP7	39.15	100T	18.25	865A	11.50	1668	1.85	1669	1.85	6060	3.45	6807	29.30
1L33	18.50	SABP11	39.60	100TL	20.50	866-A	2.65	1670	1.85	1671	1.85	6061	3.45	6808	29.40
1L38	33.25	SADP1	29.50	105	48.00	868/PJ-23	3.15	1672	1.85	1673	1.85	6062	3.45	6809	29.80
1P21	50.00	SAMP7	36.60	154	88.75	869-B	138.00	1674	1.85	1675	1.85	6063	3.45	6810	220.00
1P22	15.25	SAMP7A	44.80	172	71.75	870A	1982.50	1676	1.85	1677	1.85	6064	3.45	6811	60.00
1P28	26.50	SAMP24	125.00	207	240.00	872A/872	8.50	1678	1.85	1679	1.85	6065	3.45	6812	7.10
1P29	3.60	SAYP4	55.00	217C	21.17	878	12.75	1680	1.85	1681	1.85	6066	3.45	6813	4.55
1P37	3.10	SAZP4	108.50	242C	15.50	880	545.00	1682	1.85	1683	1.85	6067	3.45	6814	60.00
1P39	2.00	SBP1-A	35.20	250T	33.00	884	1.95	1684	1.85	1685	1.85	6068	3.45	6815	7.10
1P40	2.85	SC21/C6J	28.90	250TL	33.00	885	2.00	1686	1.85	1687	1.85	6069	3.45	6816	60.00
1P41	3.20	SC24	45.00	285	98.00	889-A	210.00	1688	1.85	1689	1.85	6070	3.45	6817	12.10
1P42	11.65	SCP1-A	36.70	286	69.00	889-A	330.00	1690	1.85	1691	1.85	6071	3.45	6818	1425.00
2AP1-A	14.70	SCP1-A	44.30	304TH	60.50	891-R	320.00	1692	1.85	1693	1.85	6072	3.45	6819	15.75
2B22	21.00	SCP11-A	32.30	304TL	60.50	891-R	320.00	1694	1.85	1695	1.85	6073	3.45	6820	19.40
2B23	31.50	SCP12	32.80	393A	13.25	892	410.00	1696	1.85	1697	1.85	6074	3.45	6821	19.40
2B21	14.80	5FP4-A	45.70	400	55.75	892-R	405.00	1698	1.85	1699	1.85	6075	3.45	6822	20.10
2B11	14.30	5FP7-A	35.00	411	478.75	893-A	710.00	1700	1.85	1701	1.85	6076	3.45	6823	28.90
2C39A	22.50	5FP14	35.00	414	135.00	893-R	1260.00	1702	1.85	1703	1.85	6077	3.45	6824	29.40
2C39B	32.15	5FP14-A	37.80	441	450.00	898-A	132.00	1704	1.85	1705	1.85	6078	3.45	6825	29.40
2C40	27.50	5FP15-A	34.50	450TH	77.00	902-A	14.80	1706	1.85	1707	1.85	6079	3.45	6826	29.40
2C40A	30.85	5R4G	1.90	450TL	77.00	908-A	25.50	1708	1.85	1709	1.85	6080	3.45	6827	915.00
2C42	23.45	5R4GYA	1.90	CK501AX	8.30	912	155.00	1710	1.85	1711	1.85	6081	3.45	6828	1550.00
2C43	24.55	5UP1	32.20	CK502AX	2.03	917	4.95	1712	1.85	1713	1.85	6082	3.45	6829	4.90
2C46	23.90	5UP7	26.30	CK504AX	5.82	918	3.80	1714	1.85	1715	1.85	6083	3.45	6830	60.00
2D21	2.04	5UP11	27.65	CK504AX	2.30	919	4.95	1716	1.85	1717	1.85	6084	3.45	6831	1.25
2D21W	2.90	5WP15	115.00	CK510AX	2.95	920	5.30	1718	1.85	1719	1.85	6085	3.45	6832	3.85
2E24	4.65	5W3WGTB	115.00	CK512AX	2.56	921	3.00	1720	1.85	1721	1.85	6086	3.45	6833	25.00
2E26	3.85	6AC7-W	6.40	CK526AX	2.79	922	2.65	1722	1.85	1723	1.85	6087	3.45	6834	25.00
2E30	2.95	6AC7-W	4.20	CK527AX	2.62	923	2.65	1724	1.85	1725	1.85	6088	3.45	6835	121.00
2E31	2.25	6AN5	2.35	CK529AX	6.00	924	3.60	1726	1.85	1727	1.85	6089	3.45	6836	385.00
2E32	2.25	6AS5	3.65	CK531DX	5.82	925	2.95	1728	1.85	1729	1.85	6090	3.45	6837	1.05
2E34	48.20	6AS7	3.46	CK532DX	5.82	926	3.10	1730	1.85	1731	1.85	6091	3.45	6838	13.60
2F21	144.00	6A5G	4.45	CK533AX	2.52	927	3.25	1732	1.85	1733	1.85	6092	3.45	6839	855.00
2G22	4.38	6A5GWA	3.70	CK534AX	2.57	928	4.30	1734	1.85	1735	1.85	6093	3.45	6840	2.65
2H21	253.00	6C4W	8.90	CK535AX	2.26	929	4.30	1736	1.85	1737	1.85	6094	3.45	6841	3.70
2K25	30.40	6D4	2.85	CK536AX	2.69	930	2.65	1738	1.85	1739	1.85	6095	3.45	6842	46.75
2K26	48.20	6F4	7.00	CK539DX	5.82	931-A	9.15	1740	1.85	1741	1.85	6096	3.45	6843	21.15
2X2A	2.20	6J4	4.33	CK542DX	5.82	934	3.65	1742	1.85	1743	1.85	6097	3.45	6844	245.20
CK-3	565.00	6J4-WA	6.00	CK547DX	5.82	935	9.65	1744	1.85	1745	1.85	6098	3.45	6845	320.38
3A4	1.20	6L4	7.35	575A	20.00	954	7.40	1746	1.85	1747	1.85	6099	3.45	6846	14.00
3A5	1.30	65N7WGT	2.70	579B	16.50	955	4.00	1748	1.85	1749	1.85	6100	3.45	6847	12.65
3AP1-A	27.40	65U7GT-1	4.25	592	30.25	956	8.25	1750	1.85	1751	1.85	6101	3.45	6848	14.00
3B24W	10.55	6X4WA	3.70	629											



BATTERIES

BURGESS



TRANSISTOR AND HEARING AID BATTERIES

Miniature batteries especially designed and constructed for transistor and subminiature applications. Unusually high operating and shelf life. Rugged and dependable.

Burgess Type	RCA Type	Replaces Eveready	Volts	Size W X D X H (IN)	Shpg. Wt. (Lbs.)	Net Each
NE	VS073	W468	1.5	7/16 (diam)x1-11/16	1 oz.	.08
A4	—	—	1.5	19/32x1-9/32x2-11/32	2 oz.	.69
4D4	—	274	6	2-17/32x2x2-5/16	3 lbs.	2.76
2N6	VS305	246	9	1-3/8x1-3/8x2-3/4	1 lb.	1.30
2U6	—	216	9	1x3/16x1-7/8	3 oz.	1.16
C6X	—	2356	9	2-5/16x1-1/32x6-1/16	2 lbs.	1.10
D6	VS306	276	9	2-9/16x2x3-5/32	1 1/2 lbs.	1.16
D6PI	VS301	2506	3,6,9	2-19/32x1-7/16x7-27/32	2 lbs.	1.16
P6	VS314	226	9	31/32x31/32x1-31/32	3 oz.	.77
XX9	VS304	239	9,13.5	1-9/32x29/32x2-17/32	4 oz.	.95
K10	—	—	15	1-1/4x7/8x1-17/32	4 oz.	1.05
U10	VS083	411	15	1x39/64x17/16	2 oz.	.81
Y10	—	504	15	19/32x19/32x1-23/64	2 oz.	.81
K15	—	—	22.5	1-1/4x7/8x2-9/32	4 oz.	1.16
U15	VS084	412	22.5	1x39/64x1-31/32	3 oz.	1.05
Y15	—	505	22.5	19/32x19/32x1-31/32	2 oz.	1.05
K20	—	—	30	1-1/4x15/16x2-23/32	6 oz.	1.37
U20	VS085	413	30	1x39/64x2-17/32	2 oz.	1.23
Y20	—	506	30	1-3/16x19/32x1-13/32	2 oz.	1.30
Y20S	—	507	30	19/32x19/32x2-19/16	2 oz.	1.30
—	VS313	E9	4	9/16 (diam) x31/32	3 oz.	.51
—	VS308	—	4	15/16 (diam) x1-1/8	3 oz.	.90
—	VS311	—	4	1/2 (diam) x1	1 oz.	.77
—	VS400	E233	4	1-1/32 (diam) x1-31/32	6 oz.	1.80
—	VS307	—	5.5	15/16 (diam) x1-1/4	3 oz.	1.01
—	VS310	—	5.5	1/2 (diam) x1-1/4	1 oz.	.91
—	VS312	216	8	1x19/32x1-15/16	3 oz.	1.85
—	VS300	226	9	31/32 (diam) x1-31/32	5 oz.	1.23
—	VS309	—	9	1/2 (diam) x1-7/8	2 oz.	1.13

MALLORY MERCURY BATTERIES

Standard size Mercury batteries for transistorized miniature radios, hearing aids and experimenters. Provides 2 to 3 times the service and shelf life of ordinary types at lower costs. Unaffected by high temperatures or pressures, as well as extended periods of non-use.

FOR TRANSISTOR APPLICATIONS

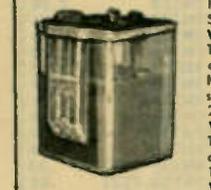
Type	Volts	Cap. Mah	Size Diom x H or W x D x H (in.)	Max Drain Ma	Std. Pkg.	Shpg. Wt. (Lbs.)	Singly Each	Std. Pkg. Each
TR-140R	1.34	1600	2x1/2x1-1/4	200	2	3 oz.	1.23	1.12
TR-152R	2.5	400	1/2x1-7/32	40	2	2 oz.	.79	.72
TR-162R	2.5	500	23/32x29/32	50	2	3 oz.	.84	.76
TR-120R	2.5	800	2x1/2x1-1/4	100	2	3 oz.	1.21	1.10
TR-132R	2.5	1000	21/32x1-5/16	100	2	3 oz.	.92	.84
TR-113R	4.0	250	1/2x1-27/32	20	2	3 oz.	1.01	.92
TR-153R	4.0	400	21/32x1-15/16	50	2	3 oz.	1.21	1.10
TR-163R	4.0	500	21/32x1-15/16	100	2	3 oz.	1.30	1.18
TR-133R	4.0	1000	21/32x2	60	1	9 oz.	1.80	1.80
TR-233R	4.0	2200	1x2	20	2	3 oz.	1.34	1.22
TR-114R	5.0	250	21/32x1	50	2	3 oz.	1.49	1.35
TR-164R	5.0	500	21/32x1-25/32	100	2	3 oz.	1.68	1.53
TR-134R	5.0	1000	21/32x2-5/8	20	1	3 oz.	1.52	1.52
TR-115R	6.5	250	21/32x1-9/32	20	1	3 oz.	1.80	1.64
TR-165R	6.5	500	21/32x2-3/16	50	2	3 oz.	2.04	1.85
TR-135R	6.5	1000	21/32x3-1/4	100	2	4 oz.	1.60	1.45
TR-145R	7.5	350	21/32x1-1/16	20	2	3 oz.	2.53	2.30
TR-136R	8.0	1000	21/32x3-29/32	100	2	5 oz.	2.04	1.85
TR-146R	9.0	400	1x17/32x1-15/16	40	2	3 oz.	2.04	1.85
TR-246R	9.0	1500	1x17/32x1-15/16	100	2	7 oz.	2.20	2.00

FOR RADIO, ELECTRONIC AND INDUSTRIAL APPLICATIONS

RM-1R	1.34	1000	5/8x21/32	100	4	3 oz.	.40	.36
RM-3R	1.34	2200	1x21/32	60	4	3 oz.	.55	.50
RM-4R	1.34	3400	1.2x21/32	80	4	4 oz.	.72	.65
RM-4RT*	1.34	3400	1.2x21/32	80	4	4 oz.	.77	.70
RM-4ZR	1.34	2400	1.2x1/2	80	4	3 oz.	.64	.58
RM-12R	1.34	3600	5/8x2	250	2	3 oz.	.85	.77
RM-42R	1.34	14000	1.2x2-3/8	1000	1	10 oz.	1.85	1.85
RM-42RT*	1.34	14000	1.2x2-3/8	1000	1	10 oz.	1.90	1.90
RM-400R	1.34	80	15/32x1/8	10	5	1 oz.	.28	.25
RM-401R	1.34	800	15/32x1-1/8	100	2	2 oz.	.35	.32
RM-450R	1.34	400	1/2x2	40	4	2 oz.	.33	.30
RM-502R	1.34	2400	1/2x2	200	2	3 oz.	.64	.58
RM-601R	1.34	1800	5/8x1-5/32	150	2	3 oz.	.56	.51
RM-625R	1.34	250	5/8x1/4	20	4	1 oz.	.31	.28
RM-625RT*	1.34	250	5/8x1/4	20	4	1 oz.	.35	.32
RM-630R	1.34	350	5/8x1/4	20	4	1 oz.	.31	.28
RM-640R	1.34	500	5/8x7/16	50	4	2 oz.	.35	.32
RM-925R	1.34	1500	1.2x5/16	15	1	3 oz.	.52	.47
ZM-9	1.5	2400	1/2x1-31/32	200	2	5 oz.	.56	.51
RM-411R	15.	130	1x17/32x1-13/32	10	1	3 oz.	1.50	1.50
RM-412R	22.5	130	1x17/32x1-15/16	10	1	3 oz.	1.92	1.92
RM-413R	30	130	1x17/32x2-1/2	10	1	3 oz.	2.27	2.27
RM-415R	34	130	1x17/32x3-1/2	10	1	6 oz.	3.15	3.15

*Indicates tab contacts.

WILLARD RECHARGEABLE BATTERIES



Polystyrene cased compact, rechargeable wet batteries for 2 volt power supplies providing the portability of dry cells and long life of storage batteries. Non-spill construction utilizing fibrite insulation which also prevents plate shedding. Built-in charge indicator. Can be series connected for higher voltages. Shipped wet, express only.

Type 25-2 Portable Radio Battery. Rated at 2 volts for 21 ampere-hours. Original equipment in G.E. models 250 and 260. 9 plates. Size: 2-17/32" x 2-31/32" x 6". Shpg. wt., 3 1/2 lbs.

Willard 25-2 List 11.15 Net 7.80

Type ER-6-28 Photo-Flash Battery. Rated at 2 volts for nearly 6 ampere-hours. 125 to 250 flashes before recharging. Provides the high amperage needed for positive bulb flash and split-second synchronization of solenoid shutter and bulb. Size: 1-11/16" x 2 3/8" x 4 1/4". Shpg. wt., 1 1/2 lbs.

Willard ER-6-28 List 7.55 Net 5.28

Type ER-34-2 Portable Radio Battery. Rated at 2 Volts for 34 ampere-hours. Original equipment in RCA 658R9 portable radio. 17 plates. Size: 4 1/2" x 3-11/16" x 4 1/2". Shpg. wt., 5 1/2 lbs.

Willard ER-34-2 List 14.85 Net 10.39

BATTERIES FOR PORTABLE RADIO RECEIVERS

Burgess Type	RCA Type	Replaces Eveready	Volts	Shpg. Wt. (Lbs.)	Net	Burgess Type	RCA Type	Replaces Eveready	Volts	Shpg. Wt. (Lbs.)	Net	
PORTABLE "A" BATTERIES												
1	VS035	935	1 1/2	4 oz.	.13	2TXX40	—	W370	1 1/2	60	2	3.38
2D	VS069	720	1 1/2	3/4	.53	4T260	VS064	729	1 1/2	90	4 1/2	4.03
2F	VS141	W353	1 1/2	1 1/2	.59	6TA60	VS054	W369	1 1/2	90	2 1/2	4.80
2R	VS036	942	1 1/2	4 oz.	.13	17G040	VS022	759	1 1/2	90	21 1/2	7.21
4F	VS004	742	1 1/2	2	.95	TSZ50	VS050	755	6 7/8	75	4 1/2	4.38
4R	VS070	960P	1 1/2	8 oz.	.35	TSZ50P	VS060	785	7 1/8	75	4 1/2	4.38
21R	VS236	964	1 1/2	3/4	.28	F6A60	VS019	753	7 1/8	90	7	5.08
37	—	—	1 1/2	1	.65	G6M60	—	754	7 1/8	90	7	5.50
Z	VS034	915	1 1/2	4 oz.	.08	T6Z60	VS057W	756	7 1/8	90	5 1/2	4.73
D3	VS072	726	4 1/2	1 1/2	.63	F6A60P	VS058	757	9	90	8	4.80
F3	VS067	736	4 1/2	2	.74	G-6B60	VS047	752	9	90	8	5.43
G3	VS002	746	4 1/2	2	.77	T6Z60P	VS059	727	9	90	5 1/2	4.80
ZF4	VS010	718	6	3 1/2	2.07	FLASHLIGHT AND LANTERN BATTERIES						
F4P1	VS009	744	6	2 1/2	.95	1	VS035	938	1 1/2	3 oz.	.13	
Z4	VS068	724	6	1 1/2	.63	2	VS034	950	1 1/2	7 oz.	.13	
B5	VS129	713	7 1/2	1 1/2	1.05	6	VS006S	6 IGN	1 1/2	2	.70	
C5	VS065	717	7 1/2	1 1/2	.95	7	VS074	912	1 1/2	1 oz.	.08	
D5	VS315	707	7 1/2	1	1.00	N	VS073	W468	1 1/2	1 oz.	.08	
T5	—	W360	7 1/2	2	.96	Z	VS034	915	1 1/2	2 oz.	.08	
PORTABLE "B" BATTERIES												
U15	VS084	412	22 1/2	4 oz.	1.05	4F2M	VS138	W337	3	3 1/2	.13	
A30	VS014	W359	45	2 1/2	2.12	F4H	VS040C	509	6	2 1/2	.65	
B30	VS012	484	45	3 1/2	2.70	F4SC	—	510P	6	1 1/2	.89	
M30	VS013	482	45	3	2.21	TW1	VS317	731	6	3 1/2	1.63	
U30	VS086	415	45	3/4	1.75	4F4M	VS103	706	6	7 1/2	2.90	
XX30	VS055	455	45	1 1/2	1.72	4F5M	VS139	715	7 1/2	8 1/2	3.67	
Z30	VS015	738	45	2	2.76	4F6M	VS140	716	9	10	4.30	
K45	VS082	457	67 1/2	1	2.21	INDUSTRIAL—ELECTRONIC BATTERIES						
P45	VS218	477	67 1/2	1 1/2	2.17	4F4	VS104	735	1 1/2	2	.70	
P45M	VS216	477	67 1/2	1 1/2	2.71	422	VS134	750	3	5 oz.	.42	
UX45	VS018	416	67 1/2	1 1/2	2.07	F2BP	VS100	W332	3	1 1/2	.74	
XX45	VS016	467	67 1/2	1 1/2	2.45	5360	VS028	781	4 1/2	5 oz.	.63	
XX50	VS217	437	75	1 1/2	2.77	F4BP	VS040S	510S	6	1 1/2	.65	
N60	VS090	490	90	2	2.98	5540	VS029	773	7 1/2	1 1/2	1.61	
N60X	VS316	495	90	1 1/2	2.97	4156	VS102	763	22 1/2	1 1/2	1.61	
P60	VS219	479	90	1 1/2	2.63	5156SC	VS131	778	22 1/2	2	2.02	
XX69	—	W351	103 1/2	2	3.96	5308	VS112	W376	45	3 1/2	2.64	
U700	VS093	493	300	2	7.70	XX30P1	—	435P	45	3/4	1.75	
ELECTRONIC PHOTOFLASH BATTERIES												
N150	—	225	2 1/2	5.54		Z30NX	VS114	W350	45	2	2.37	
U160	—	240	3/4	5.54								

MALLORY MERCURY PHOTO-FLASH BATTERIES AND B-C CARTRIDGES



Mallory Mercury photo-flash batteries average two years of service in normal use. Specially designed for flash guns. Far surpass conventional batteries. The Mercury B-C cartridges convert any flash gun to dependable, long lasting battery-capacitor operation. Capacitor gives large surge for positive firing. Change in battery energy does not affect synchronization. Battery life is lengthened. No wiring or adaption necessary—just insert B-C cartridge in place of old batteries. Complete range of units to fit nearly all flash guns. *PX-10 and PX-12 can be adapted for 3 cell guns by adding PX-10A or PX-12A.

Type	Volts	Size	Std. Pkg.	Single Ea.	Std. Pkg.
MERCURY BATTERIES FOR LOW VOLTAGE FLASH GUNS					
PX-2	4.5	Power-Pak	6	1.01	.92
RM-12R	1.5	"A" Cell Size	10	.72	.65
PX-502	1.5	"AA" Pen Cell Size	10	.56	.51
CARTRIDGES FOR CONVERTING FLASH GUNS TO B-C					
PX-10*	BC	2 "C" Cell Vertical	3	2.56	2.33
PX-12*	BC	2 "D" Cell Vertical	3	2.92	2.65
PX-1B	BC	2 "C" Cell Horizontal	3	2.37	2.15
PX-20	BC	2 Penn Cell Horizontal	3	3.14	2.85
PX-10A	Adp.	3 "C" Cell	6	.18	.16
PX-12A	Adp.	3 "D" Cell	6	.18	.16
MERCURY "B" BATTERIES FOR BUILT-IN B-C UNITS					
PX-411	15	9/16			

TRANSISTORS-DIODES

GENERAL ELECTRIC TRANSISTORS

Type	Class	Net Each	Application	Freq. Cut-off MC	Beta	Coll. Pwr. Dissip. MW*	Power Gain db	DC Coll. Volts*	DC Coll. MA*	Coll. Cut-off UA*	Oper. Temp. °C*
2N43	p-n-p	4.90	AF-Driver	1.0	50	150	39	-20	-50	15	100
USAF2N43A	p-n-p	6.50	AF-Driver	1.0	45	150	39	-20	-50	15	100
2N44	p-n-p	3.70	AF-Driver	1.0	22	150	38	-20	-50	15	100
2N45	p-n-p	3.05	AF-Driver	1.0	12	150	36	-20	-50	15	100
2N78	n-p-n	4.54	RF-IF	8.0	40	65	30	15	20	5	85
2N107	p-n-p	.99	AF-Driver	1.0	20	50	38	-6	-10	10	60
2N123	p-n-p	6.44	Switch	8.0	50	100	—	-15	-125	6	85
2N135	p-n-p	2.14	RF-IF	4.5	20	100	29	-12	-50	5	85
2N136	p-n-p	2.56	OSC.	6.5	40	100	31	-12	-50	5	85
2N137	p-n-p	6.19	RF-IF	10.0	60	100	33	-6	-50	5	85
2N164A	n-p-n	2.39	RF-IF	8.0	40	65	30	15	20	5	85
2N165	p-n-p	2.23	RF-IF	5.0	72	55	26	15	20	5	85
2N166	n-p-n	1.43	RF-IF	5.0	32	25	24	6	20	5	50
2N167	n-p-n	6.44	Switch	8.0	36	65	—	30	75	1.5	85
2N168	n-p-n	2.14	RF-IF	6.0	20	50	30	15	20	2	85
2N168A	n-p-n	2.23	MIX/OSC.	8.0	40	65	30	15	20	5	85
2N169	n-p-n	2.06	RF-IF	5.0	72	55	26	15	20	5	85
2N169A	n-p-n	2.11	RF-IF	5.0	72	55	26	25	20	5	85
2N170	n-p-n	1.45	RF-IF	4.0	20	25	22	6	20	5	50
2N186	p-n-p	1.90	AF-OUT.	0.8	24	75†	28	-25	-200	16	85
2N186A	p-n-p	2.03	AF-OUT.	0.8	24	180††	28	-25	-200	16	85
2N187	p-n-p	1.91	AF-OUT.	1.0	36	75†	30	-25	-200	16	85
2N187A	p-n-p	2.04	AF-OUT.	1.0	36	180††	30	-25	-200	16	85
2N188	p-n-p	1.92	AF-OUT.	1.2	54	75†	32	-25	-200	16	85
2N188A	p-n-p	2.06	AF-OUT.	1.2	54	180††	32	-25	-200	16	85
2N189	p-n-p	1.85	AF-Driver	0.8	24	75	37	-25	-50	16	85
2N190	p-n-p	1.87	AF-Driver	1.0	36	75	39	-25	-50	16	85
2N191	p-n-p	1.90	AF-Driver	1.2	54	75	41	-25	-50	16	85
2N192	p-n-p	1.95	AF-Driver	1.5	75	75	43	-25	-50	16	85
2N241	p-n-p	1.96	AF-OUT.	1.3	73	100	35	-25	-200	16	85
2N241A	p-n-p	2.10	AF-OUT.	1.3	73	180	35	-25	-200	16	85
2N265	p-n-p	2.00	AF-Driver	1.5	110	75	43	-25	-50	16	85
2N292	n-p-n	2.06	RF-IF	5.0	25	65	26	15	20	5	85
2N293	n-p-n	2.14	RF-IF	8.0	25	65	30	15	20	5	85
2N313	n-p-n	2.23	RF-IF	5.0	25	65	26	15	20	5	85
2N314	n-p-n	2.31	RF-IF	8.0	25	65	30	15	20	5	85
2N319	p-n-p	2.04	AF-OUT.	3.0	36	200	30	-20	-200	16	85
2N320	p-n-p	2.06	AF-OUT.	3.0	54	200	32	-20	-200	16	85
2N321	p-n-p	2.10	AF-OUT.	3.0	73	200	35	-20	-200	16	85
2N322	p-n-p	1.87	AF-Driver	3.0	36	75	39	-16	-50	16	85
2N323	p-n-p	1.90	AF-Driver	3.0	54	75	41	-16	-50	16	85
2N324	p-n-p	1.95	AF-Driver	3.0	73	75	43	-16	-50	16	85
3N29	n-p-n	16.10	RF-IF	30.0	—	50	10	7	20	25	85
4JD3A1	Tetrode										
3N30	n-p-n	28.80	RF-IF	120.0	—	50	10	7	20	25	85
4JD3A2	Tetrode										
3N31	n-p-n	6.45	RF-IF	15.0	—	50	10	7	20	25	85
4JD3A3	Tetrode										
4JD1A17	p-n-p	6.02	AF-Driver	1.0	40	150	39	-20	-50	16	85
4JD1A73	p-n-p	3.88	RF-IF	5.0	32	100	—	-20	-50	5	85
4JD1B3	p-n-p	6.60	SYM-SW	0.8	15-15	200	—	-30	-1A	20	85
4JD1B4	p-n-p	7.00	SYM-SW	0.8	20-20	200	—	-30	-1A	20	85
4JD4A2	n-p-n	57.75	Silicon								
			RF-IF	25.0	14	150	15	15	30	.25	150
4JD4A3	n-p-n	41.30	Silicon								
			OSC.	25.0	—	150	—	10	30	.25	150
4JD4A4	n-p-n	24.80	Silicon								
			RF-IF	25.0	15	150	33	15	30	.25	150
4JD4A5	n-p-n	28.90	Silicon								
			RF-IF	25.0	40	150	36	15	30	.25	150
4JD5A1	Uni-Junction	16.10	Silicon								
			OSC/SW	SOR=	2X**	250	—	45	50	—	150

*Max. Ratings—All others are Typical Values. †300 Mw P-P Output Class B; ††750 Mw P-P Output Class B **Stand-off Ratio.

GERMANIUM DIODES

TYPE	NET	TYPE	NET
1N34A	.68	1N65	.68
1N48	.68	1N70	2.50
*1N48	1.80	1N72	.87
1N51	.47	1N74	12.35
1N52	1.45	1N285	1.19
*1N52	3.35	1N314	15.85
1N58A	1.63	G7A	.87
1N63	2.80	G7B	1.07
*1N63	6.00	G7C	1.07
1N64	.43	*Matched Pair	

G.E. JUNCTION RECTIFIERS

TYPE	NET	TYPE	NET
1N91	.82	1N158	5.45
1N92	1.90	1N315	2.97
1N93	2.64	USAF 1N315	3.88
USN 1N93	3.44	1N368	2.56
1N151	2.15	1N573	1.37
1N152	2.72	1N575	1.72
1N153	3.55	1N581	2.72

G.E. SILICON RECTIFIERS

TYPE	NET	TYPE	NET
1N536	2.25	1N1095	9.10
1N537	2.60	1N1115	3.50
1N538	3.30	1N1116	4.15
1N539	5.00	1N1117	5.80
1N540	6.70	1N1118	7.40

TRANSITRON GERMANIUM DIODES

TYPE	NET	TYPE	NET
1N34	.44	1N108	1.21
1N34A	.55	1N111	1.24
1N35	1.49	1N112	.96
1N38	1.10	1N113	1.24
1N38A*	1.16	1N114	.96
1N40	5.50	1N115	.86
1N42	6.60	1N116	.88
1N48	.39	1N117	.88
1N51	.33	1N118	.99
1N52	.90	1N118A	1.16
1N54	.83	1N126*	.65
1N54A	.87	1N127*	1.32
1N56	.77	1N128*	.94
1N56A	.77	1N139 (T1)	.39
1N58	1.10	1N140 (T2)	.65
1N58A	1.16	1N141 (T3)	1.16
1N63**	1.21	1N142 (T4)	1.78
1N65	.58	1N143 (T5)	1.78
1N67	1.47	1N144 (T6)	1.08
1N67A	1.47	1N145 (562)**	1.40
1N68	1.20	1N191	1.32
1N68A	1.20	1N192	1.21
1N69*	.53	1N198*	1.54
1N70*	1.30	1N270 (T7G)*	1.93
1N71	5.50	1N273 (T11G)	1.82
1N73	5.50	1N276	2.86
1N74	5.50	1N277*	2.20
1N75	1.21	1N278 (T18G)	2.97
1N81*	.94	1N279 (T6G)	1.08
1N89	.97	1N281*	1.07
1N90	.51	1N283 (T25G)	1.79
1N95	.57	1N308	1.76
1N96	.72	1N309	1.43
1N96A	.72	1N310	1.43
1N97	.97	1N312	2.53
1N98	1.07	1N313	2.53
1N98A	1.16	T9G	2.38
1N99	1.47	T20G	2.13
1N100	1.65	T22G	2.31
1N100A	1.76	*JAN TYPE	
1N107	1.32	**USN TYPE	

CBS TRANSISTORS

Type	Class	Net Each	Application	Freq. Cut-off Mc.	n/B	Coll. Pwr. Dissip. Mw.*	Pwr. Gain db	Pwr. Out-put Mw.	DC Coll. Volts	DC Coll. Ma*	Coll. Cut-off Ua.	Open Temp. °C
2N155	p-n-p	3.35	AF-Power	0.3	40	6.25W†	33	9W**	-30	-3A	-50	85
2N156	p-n-p	6.15	AF-Power	0.3	40	6.25W†	33	9W**	-30	-3A	-50	85
2N158	p-n-p	6.15	AF-Power	0.3	40	6.25W†	36	17W**	-60	-3A	-70	85
2N180	p-n-p	3.90	AF-Preamp	0.7	60	150	37	300††	-30	-25	-10	75
2N181	p-n-p	4.55	AF-Preamp	0.7	60	250	34	600††	-30	-38	-10	75
2N255	p-n-p	1.35	AF-Power	0.2	50	6.25W†	26	—	-15	-3A	—	85
2N256	p-n-p	1.50	AF-Power	0.2	50	6.25W†	29	—	-30	-3A	—	85

Max. ratings, others average. †With heat sink. †.5W. In free air. **Push-Pull class B for both units, 2 watts class A (one unit); ††Push-Pull class B both units; Class A .65 MW For 2N180; 110 MW For 2N181

Bendix POWER TRANSISTORS

Type	Class	NET EACH	Application	Coll. Pwr. Dissipation Watts	Pwr. Gain db	Max. Power Output Watts	Max DC Coll. Volts	Max DC Coll. Amps	Temp. °C
2N234A	p-n-p	3.05	AF-POWER	10	30	4.0	-30	—	80
2N235A	p-n-p	3.40	AF-OUT	5	36	2.0	-40	—	75
2N236A	p-n-p	3.80	AF-OUT	10	35	4.0	-40	—	80
2N265A	p-n-p	4.45	AF-OUT	5	38	2.0	-40	—	85

BENDIX POWER TRANSISTOR MOUNTING KIT

Power transistor mounting kit for convenient installation. Consists of a matching socket, collector insulator and mounting hole bushings. Achieves electrical isolation without affecting cooling. Simply fasten the transistor to a flat heat sink and mount to chassis with the parts in this kit.

BENDIX No. 210 6500 Mounting Kit.....Net .55

TEXAS SILICON DIODES

TYPE	NET	TYPE	NET
600C	1.94	614C	3.50
601C	3.60	616C	3.60
604C	3.25	618C	3.60
606C	3.25	620C	3.65
608C	3.25	622C	3.70
610C	3.30	624C	3.75
612C	3.40		

VOLTAGE REFERENCE DIODES

TYPE	NET	TYPE	NET
650C	4.35	650C0	4.85
to 653C		to 653C9	

TEXAS SILICON RECTIFIERS

TYPE	NET	TYPE	NET
1N538	3.00	1N591	14.00
1N539	4.08	1N1095	7.48
1N540	5.45	1N1096	10.20
1N588	9.10	1N1130	14.00
1N589	14.00	1N1131	14.00
1N590	14.00	T1/680	32.20

TEXAS GLASS DIODE/RECTIFIER

TYPE	NET	TYPE	NET
1N645	5.10	1N648	9.40
1N646	6.15	1N649	11.75
1N647	7.75		

HUGHES GERMANIUM DIODES

TYPE	NET	TYPE	NET
1N558	5.04	1N100	2.18
1N674	1.56	1N116	.80
1N68A	1.07	1N117	1.11
1N89	.88	1N118	1.37
1N90	.46	1N126	.59
1N95	.52	1N127	1.20
1N96	.65	1N128	1.02
1N97	1.82	1N191	1.61
1N98	1.44	1N192	1.14
1N99	1.62	1N198	1.82

HUGHES SILICON DIODES

TYPE	NET	TYPE	NET
1N456 (HD-6005)	4.32	1N625	1.79
1N457 (HD-6006)	4.19	1N626	2.11
1N458 (HD-6007)	4.61	1N627	2.54
1N459 (HD-6008)	4.78	1N628	2.86
1N461 (HD-6001)	2.15	1N629	3.12
1N462 (HD-6002)	3.19		
1N463 (HD-6003)	3.51		
1N464 (HD-6009)	3.32		

TRANSITRON SILICON DIODES

TYPE	NET	TYPE	NET
1N137A	3.30	1N483	3.47
1N137B	3.30	1N483A	4.07
1N138A	3.30	1N483B	4.90
1N138B	3.30	1N484	3.63
1N350	4.84	1N484A	4.35
1N351	5.17	1N484B	5.28
1N352	5.80	1N485	3.85
1N353	5.83	1N485A	4.62
1N354	13.20	1N485B	5.50
1N456	4.73	1N486	4.29
1N457	4.90	1N486A	5.50
1N458	5.28	1N487	7.70
1N459	5.50	1N487A	9.35
1N482	2.37	1N488	13.20
1N482A	3.08	1N488A	14.30
1N482B	4.73		

TRANSITRON SILICON RECTIFIERS

TYPE	NET	TYPE	NET
1N248	9.90	1N340	3.74
1N248A	11.00	1N341	6.27
1N249	13.20	1N342	6.27
1N249A	14.30	1N343	4.40
1N250	17.60	1N344	4.40
1N250A	20.90	1N345	3.08
1N251	6.00	1N346	3.08
1N252	4.13	1N347	4.40
1N253	4.62	1N348	2.20
1N254	5.04	1N349	2.20
1N255	9.90	1N411A	33.00
1N256	22.00	1N412A	41.80
1N332	9.63	1N413A	55.00
1N333	9.63	TJ5A	1.54
1N334	7.43	TJ30A	8.25
1N335	7.43	TL2	3.30
1N336	4.95	TL1	18.15
1N337	4.95	TM31	4.40
1N338	4.40	TM42	9.57
1N339	3.74	*JAN Type	

TEXAS INSTRUMENT TRANSISTORS

Type	Class	Net Each	Appl. cation	Freq. Cutoff Mc	α/β	Coll Pwr Dissip. Mw	Power Gain db	DC Coll. Volts	DC Coll. Ma	Coll. Cutoff Ua	Oper Temp. °C
2N117	n-p-n Si*	11.25	RF-AF	4.0	0.95	150	30.5	30	25	10	150
2N118	n-p-n Si*	22.50	RF-AF	5.0	0.975	150	35	30	25	10	150
2N118A	n-p-n Si*	30.00	RF-Conv	8.0	0.975	150	36.5	30	25	10	150
2N119	n-p-n Si*	30.00	RF-Conv	6.0	0.980	150	36.5	30	25	10	150
2N145	n-p-n	2.10	IF			65	33	20	5	3	75
2N146	n-p-n	2.50	IF			65	34	20	5	3	75
2N147	n-p-n	2.80	IF			65	39	20	5	3	75
2N148	n-p-n	2.10	IF-262kc			65	35	16	5	3	75
2N148A	n-p-n	2.45	IF-262kc			65	35	16	5	3	75
2N149	n-p-n	2.50	IF-262kc			65	38	16	5	3	75
2N149A	n-p-n	2.80	IF-262kc			65	38	16	5	3	75
2N150	n-p-n	2.80	IF-262kc			65	41	16	5	3	75
2N150A	n-p-n	3.10	IF-262kc			65	41	16	5	3	75
2N172	n-p-n	2.45	IF			65	—	32	5	3	75
2N185	p-n-p	1.50	AF-OUT	—	55	150	40.5	-20	-150	-15	50
2N238	p-n-p	1.40	AF-Driver	—	—	50	42	-20	—	-20	60
2N243	n-p-n Si*	22.50	AF-OUT	—	0.968	750	30	60	60	1	150
2N244	n-p-n Si*	34.60	AF-OUT	—	0.989	750	30	60	60	1	150
2N248	p-n-p	3.80	RF	50.0	20	30	12	-25	-5	-10	75
2N250	p-n-p	4.90	AF-OUT	0.012	90	25W**	40	-30	-3A	-1	Mo 85
2N251	p-n-p	7.40	AF-OUT	0.012	90	25W+	40	-60	-3A	-2	Mo 85
2N252	p-n-p	2.25	Conv.	—	—	30	—	-16	-5	-10	55
2N253	n-p-n	1.75	IF	—	—	65	28	12	5	3	75
2N254	n-p-n	2.00	IF	—	—	65	32	20	5	3	75
2N263	n-p-n Si*	32.00	Switch	30.0	0.975	125	—	40	20	1	150
2N291	p-n-p	1.80	AF-OUT	—	45	180	33	-25	-200	-25	50
2N308	p-n-p	2.10	IF	—	—	30	42	-20	-5	-10	55
2N309	p-n-p	2.25	IF	—	—	30	44	-20	-5	-10	55
2N310	p-n-p	2.25	IF-Reflex	—	—	30	37	-30	-5	-10	55
2N332	n-p-n Si*	11.25	RF-AF	4.0	20	150	35	45	25	4	175
2N333	n-p-n Si*	22.50	RF-AF	5.0	40	150	39	45	25	4	175
2N334	n-p-n Si*	30.00	RF-Conv.	8.0	90	150	39	45	25	4	175
2N335	n-p-n Si*	30.00	RF-Conv.	6.0	90	150	42	45	25	4	175
2N336	n-p-n Si*	33.00	RF-Conv.	7.0	99	150	42.5	45	25	4	175
2N337	n-p-n Si*	28.80	Switch	20.0	55	125	—	40	20	1	150
2N338	n-p-n Si*	28.80	Switch	30.0	150	125	—	40	20	1	150
2N339	n-p-n Si*	22.50	AF, Servo	—	0.94	1000	30	55	60	1	150
2N340	n-p-n Si*	22.50	AF, Servo	—	0.94	1000	30	85	50	1	150
2N341	n-p-n Si*	24.25	AF, Servo	—	0.94	1000	30	125	40	1	150
2N342	n-p-n Si*	22.50	AF, Servo	—	0.94	1000	30	60	60	1	150
2N343	n-p-n Si*	34.60	AF, Servo	—	0.989	1000	30	60	60	1	150
2N364/200A	n-p-n	1.88	RF-AF	2.5	19	150	30	50	10	2	75
2N365/201A	n-p-n	2.75	RF-AF	3.0	49	150	30	50	10	2	75
2N366/202A	n-p-n	3.75	RF-AF	3.5	65	150	30	50	10	2	75
2N367/300	p-n-p	1.20	AF	0.7	19	100	—	-30	-50	-10	75
2N368/301	p-n-p	1.60	AF	1.0	49	100	—	-30	-50	-10	75
2N369/302	p-n-p	1.90	AF	1.3	55	100	—	-30	-50	-10	75
2N389	n-p-n Si*	90.00	AF-OUT	—	30	37.5W	—	60	2A	10	150
2N424	n-p-n Si*	75.00	AF-OUT	—	30	37.5W	—	60	2A	10	150
3N25/301	p-n-p + +	12.50	VHF	250.0	65	25	14	-15	-2	-20	85
3N26/925	n-p-n + +	33.10	RF-Conv.	12.5	—	125	15	30	10	0.2	150
3N27/926	n-p-n + +	30.00	RF-Conv.	30.0	—	125	14	30	10	0.2	150
3N32	n-p-n Si*	26.70	RF-Conv.	4.3	—	125	20	30	10	0.2	150
3N33	n-p-n Si*	33.10	RF-Conv.	12.5	—	125	18	30	10	0.2	150
3N34	n-p-n Si*	41.85	RF-Conv.	30.0	—	125	16	30	10	0.2	150
903	n-p-n Si*	11.25	RF-Conv.	4.0	0.975	150	30.5	30	25	10	175
904	n-p-n Si*	22.50	RF-Conv.	5.0	0.975	150	34	30	25	10	175
904A	n-p-n Si*	30.00	RF-Conv.	8.0	0.975	150	35	30	25	10	175
905	n-p-n Si*	30.00	RF-Conv.	6.0	0.980	150	36.5	30	25	10	175
910	n-p-n Si*	33.00	RF-Conv.	7.0	0.99	150	42.5	30	25	10	175
951	n-p-n Si*	22.50	AF, Servo	—	0.94	750	30	50	60	5	150
952	n-p-n Si*	22.50	AF, Servo	—	0.94	750	30	80	50	6	150
953	n-p-n Si*	22.50	AF, Servo	—	0.94	750	30	120	40	8	150
970	n-p-n Si*	60.00	AF, Servo	—	3.0	8.75W	28	120	140	10	150
R-65	p-n-p	.90	AF-Exp.	—	17	30	—	-6	-25	-100	50
R-66	p-n-p	.60	AF-Exp.	—	9	30	—	-6	-25	-100	50
R-67	p-n-p	.60	AF-Exp.	—	10	30	—	5	25	100	60



TRANSISTORS-DIODES



RAYTHEON TRANSISTORS



RAYTHEON DIODES

Type	Class	Net Each	Application	Freq. cutoff MC	a/b	Coll Pwr dissipation MW	Pwr Gain db	noise db	OC Coll volts	OC Coll Mg	Coll Cutoff Uo	Temp OC
2N63	p-n-p	3.56	AF low RF	.06	22	100	39	25	-22	-10	6.0	85
2N64	p-n-p	3.97	AF low RF	0.8	45	100	41	22	-15	-10	6.0	85
2N65	p-n-p	4.35	AF low RF	1.2	90	100	42	20	-12	-10	6.0	85
2N106	p-n-p	4.35	AF low RF	0.8	45	100	36	4.5	-6	-10	12	85
2N130A	p-n-p	2.15	AF-RF	0.6	22	100	—	15	-22	-10	6.0	85
2N131A	p-n-p	2.70	AF-RF	0.8	45	100	—	22	-15	-10	6.0	85
2N132A	p-n-p	2.70	AF-RF	1.2	90	100	—	20	-12	-10	6.0	85
2N133A	p-n-p	2.85	AF	0.8	45	100	—	6	-15	-10	6.0	85
2N138B	p-n-p	2.70	AF-OUT	—	140	130	26	—	-30	-100	6.0	85
2N327**	p-n-p	23.90	AF switch	0.2	14	150	—	30	-50	50	0.005	160
2N328**	p-n-p	36.20	AF switch	0.35	24	150	—	30	-35	50	0.005	160
2N329**	p-n-p	58.00	AF switch	0.6	50	150	—	30	-30	50	0.005	160
2N330**	p-n-p	43.60	AF	0.5	30	150	—	12	-45	50	0.005	160
2N359	p-n-p	1.82	AF out	—	140	50	30	—	-12	-20	6.0	85
2N360	p-n-p	1.82	AF out	—	140	130	31	—	-30	-100	6.0	85
2N362	p-n-p	1.82	AF-RF	0.8	45	120	41	22	-15	-10	6.0	85
2N363	p-n-p	1.82	AF-RF	1.2	90	120	42	20	-12	-10	6.0	85
2N413	p-n-p	1.98	RF-IF	3.0	40	150	33	25	-30	-200	1.0	85
2N413A	p-n-p	1.98	IF	3.0	25	150	33	—	-30	-200	1.0	85
2N414	p-n-p	2.20	RF-IF	5.0	40	150	18	25	-30	-200	1.0	85
2N414A	p-n-p	2.05	IF	5.0	30	150	35	—	-30	-200	1.0	85
2N415	p-n-p	2.18	conv.	10.0	45	150	36	—	-30	-200	1.0	85
2N415A	p-n-p	2.05	IF	10.0	45	—	36	—	-30	-200	1.0	85
2N416	p-n-p	6.20	RF switch	10.0	45	150	18	25	-30	-200	1.0	85
2N417	p-n-p	7.95	RF switch	20.0	75	150	25	25	-30	-200	1.0	85
2N422	p-n-p	2.05	AF	0.8	45	120	36	6	-15	-10	6.0	85
CK721	p-n-p	2.40	RF-AF	0.8	45	—	41	22	-15	-10	6.0	70
CK722	p-n-p	.99	AF	0.6	22	—	39	25	-22	-10	6.0	70
CK725	p-n-p	2.80	AF-RF	1.2	90	—	42	20	-12	-10	6.0	70
CK751	p-n-p	1.90	AFout	1.0	140	300+	30	—	-12	-100	6.0	85
CK754	p-n-p	3.20	AF	—	300	—	—	—	-10	-100	10.0	85
CK768	p-n-p	1.50	RF-IF	2.5	20	—	27	—	-15	-100	1.0	85
CK870	p-n-p	6.35	AFswitch	0.4	10	130	—	—	-25	-100	6.0	85
CK871	p-n-p	11.85	AFswitch	0.5	15	130	—	—	-20	-100	6.0	85

TYPE	NET	TYPE	NET
IN34	.49	CK713A	Use IN298
IN38	.95	CK715	.63
IN60	.36	CK717	15.85
IN66	.40	CK719	15.85
IN67	1.35	CK735	Use IN300
IN68	.95	CK735A	Use IN300A
IN68A	.98	CK736	Use IN301
IN294	.63	CK736A	Use IN301A
IN295	.36	CK737	Use IN302
IN297	.93	CK737A	Use IN302A
IN298	.93	CK738	Use IN303
IN300	5.55	CK738A	Use IN303A
IN300A	6.35	CK739	Use IN305
IN301	5.55	CK740	Use IN306
IN301A	5.55	CK742	Use IN307
IN302	6.35	CK777	.69
IN302A	7.95	CK774	7.95
IN303	5.55	CK775	9.53
IN303A	6.35	CK775-1	12.70
IN305	3.16	CK776	17.50
IN306	3.16	CK777	37.80
IN307	3.16	CK840	Use IN537
IN432	5.55	CK841	Use IN538
IN432A	6.35	CK842	Use IN539
IN433	5.55	CK843	Use IN540
IN433A	7.15	CK844	27.80
IN434	5.55	CK845	32.60
IN434A	7.15	CK846	4.35
IN440	5.55	CK847	6.35
IN460A	6.35	CK848	10.25
IN537	2.60	CK849	12.50
IN538	3.30	CK850	30.15
IN539	5.00	CK851	34.90
IN540	6.70	CK856	Use IN432
CK705	Use IN66	CK856A	Use IN432A
CK705A	Use IN294	CK858	Use IN460
CK706A	Use IN295	CK858A	Use IN460A
CK707	Use IN297	CK860	Use IN433
CK708	Use IN68	CK860A	Use IN433A
CK709	15.85	CK861	Use IN434
CK710	.87	CK861A	Use IN434A
CK711	15.85	CK863	9.53
		CK863A	11.10

*Average ratings; all other ratings are maximum. + output 100 Mw class A, 500 Mw P-P class B. ** Silicon



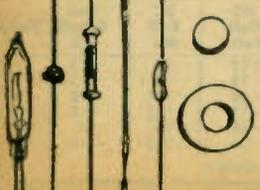
SYLVANIA TRANSISTORS



Type	Class	Net Each	Application	Freq. Cutoff Mc	a/b	Coll. Pwr. Dissip. Mw	Power Gain db	Power Output Mw	DC Coll. Volts	DC Coll. Ma	Coll. Cutoff Uo	Oper. Temp. °C
2N34	p-n-p	3.00	AF-Switch	0.6	40	50	40	125****	-25	-50	5.0	75
2N35	p-n-p	1.50	AF-Switch	0.8	40	50	40	125****	25	50	5.0	75
2N68	p-n-p	6.75	AF-Power	0.4	0.975	2.5W**	23	600***	-25	-1.5 Amp.	100	75
2N94	p-n-p	1.73	RF-IF	3.5	0.97	50	—	—	20	50	3.0	75
2N94A	p-n-p	5.25	RF-IF	6.0	0.97	50	—	—	20	50	3.0	75
2N95	p-n-p	6.75	AF-Power	0.5	0.975	2.0W**	23	600***	25	1.5 Amp.	100	75
2N101	p-n-p	6.75	AF-Power	0.4	0.975	1.0W**	23	600***	-25	-1.5 Amp.	100	75
2N102	p-n-p	6.75	AF-Power	0.7	0.975	4.0W**	23	600***	25	1.5 Amp.	100	75
2N141	p-n-p	6.75	AF-Power	0.4	40	4.0W†	26	600***	-30	-0.8A	100	75
2N142	p-n-p	6.75	AF-Power	0.6	40	4.0W†	26	600***	0	0.8A	100	75
2N143	p-n-p	6.75	AF-Power	0.4	40	4.0W††	26	600***	-30	-0.8A	100	75
2N193	p-n-p	1.88	OSC.	3.0	15	50	15	50	15	50	75	75
2N194	p-n-p	2.03	Mixer Conv.	3.0	15	50	15	50	15	50	75	75
2N211	p-n-p	2.03	OSC.	3.0	15	50	15	50	15	50	75	75
2N212	p-n-p	2.10	Mixer Conv.	6.0	15	50	22	10	50	50	75	75
2N213	p-n-p	1.80	AF-Driver	—	150	50	46	—	25	100	200	75
2N214	p-n-p	3.53	Audio P-P Output	.8	100	125	31	200†††	10	—	—	—
2N216	p-n-p	1.73	IF	3.0	15	50	26	—	15	50	75	75
2N228	p-n-p	1.45	Audio P-P Output	.8	100	50	29	100†††	25	—	—	—
2N229	p-n-p	.75	AF-RF	1.9	0.96	50	—	—	12	40	10	75
2N233	p-n-p	.90	RF	—	12	50	—	—	10	—	100	75
2N242	p-n-p	3.38	AF Output	7.5Kc	40	—	30	—	-45	-2Amps	5Ma	100
2N144	p-n-p	6.75	AF Output	.6	40	—	26	—	30	800	100	75
2N307	p-n-p	1.50	Gen Pwr	.003	20	15	—	—	-35	-1A	15ma	75

*Maximum ratings, all others are average; Temperature is ambient. **In Free Air, 4.0W with heat sink. ***Class A, 5 watt Push Pull Class B (Common Emitter or Collector), 10 Watts (Common Base), 12 Watts (Switching). ****Class B, Push-Pull (2 Units); a/b = Current Amplification. † With heat sink; †† With heat sink; ††† Pair.

VECO THERMISTORS



NO.	TYPE	OHMS	NET	NO.	TYPE	OHMS	NET
14X2	Washer	38 ± 10%	2.50	3107	Disc	1,200 ± 10%	2.00
21W4	Washer	130 ± 10%	2.15	34A3	Disc	3,500 ± 30%	2.90
23E3	Disc	310 ± 10%	2.75	47A1	Bead	71,000 ± 30%	3.25
31A1	Bead	1250 ± 30%	2.90	51R2	Rod	100,000 ± 10%	2.50

EXPERIMENTER KITS
 KIT 168—Includes 14X2, 21W4, 23E3, 31A1, 31D7, 51A4 and 166. With specs and data. Net 5.00
 KIT 168A—Advanced assortment including tabulated units above. With specs and data. Net 10.00

SYLVANIA DIODES

TYPE	NET	TYPE	NET
IN21A	2.25	IN78	10.80
IN21B	1.11	*IN78M	28.75
*IN218M	8.00	IN78A	20.15
IN218	6.00	*IN78AM	47.50
+IN218MR	14.00	IN78R	15.70
IN21C	3.00	IN79	2.63
*IN21CM	15.00	IN105	.45
IN210	18.00	IN111	1.35
IN23A	1.13	IN112	1.05
IN23B	.90	IN113	1.58
*IN238M	4.50	IN114	1.05
IN238R	4.50	IN115	.90
+IN238MR	10.80	IN119	.78
IN23C	1.35	IN120	.79
*IN23CM	7.50	IN126	.68
IN23CR	3.38	IN127	1.10
+IN23CMR	25.90	IN128	1.13
IN23D	8.65	IN191	1.13
IN23E	21.60	IN193	6.00
IN25	3.75	IN194	8.65
IN26	10.10	IN194A	14.40
IN31	7.50	IN195	7.13
IN32	14.50	IN196	10.10
IN34A	.45	IN286	64.50
IN35	2.25	IN295	.33
IN38A	.90	IN355	1.50
IN39A	4.13	IN358	26.00
IN40	7.50	IN369A	57.50
IN41	11.50	IN417	64.50
IN42	7.50	IN417	1.83
IN48	.60	IN478	.93
IN53	21.55	IN479	1.65
*IN53M	62.78	IN479	1.05
IN54A	.90	IN448	1.13
IN55A	2.03	IN449	1.28
IN56A	1.05	IN450	.90
IN58A	1.28	IN451	3.00
IN59A	4.50	IN452	1.88
IN60	.33	IN453	2.25
IN63	1.28	IN454	2.63
IN64	.69	IN455	3.00
IN65	.69	IN630	74.50
IN67A	1.50	IN631	2.18
IN69	.41	IN632	1.35
IN70	.71	IN633	1.80
IN71	7.50	IN634	1.05
IN72	.78	IN635	3.00
IN76	3.72	D660	.98
IN77A	36.75		

* = Matched Pair
 + = "B" Type Matched with "BR" Type
 † = "C" Type Matched with "CR" Type

RCA

TRANSISTORS-DIODES

PHILCO
CLEVITE

RCA DIODES

TYPE	NET	TYPE	NET
IN34A	.58	IN54A	1.15
IN38A	1.40	IN58A	1.30



**HIGH FREQUENCY
TETRODE DRIFT
TRANSISTOR
TYPE 2N247**
30Mc—BROADCAST RF
and SHORT WAVE
3.22

NEW! LOW-COST AUDIO POWER TRANSISTORS



**CBS SYLVANIA
2N255 2N307
\$1.35 \$1.50**

2 WATTS OUTPUT CLASS A†
8 WATTS OUTPUT CLASS B†
†With Heat Sink

SYLVANIA TRANSISTOR KIT B



**BUILD
YOUR OWN
PORTABLE
TRANSISTOR**

• 6 TRANSISTORS

• IN34A DIODE • 40-PG. BOOK

Kit contains three 2N35 and three 2N94 transistors, IN34A diode and interesting 40-page book on "HOW TO MAKE A TRANSISTORIZED PORTABLE RADIO" plus 20 other practical circuits for the hobbyist, experimenter and radio amateur.

Sylvania Transistor Kit B...Net 8.75

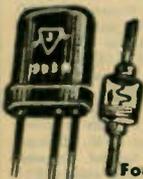
PHILCO TYPE AO-1 TRANSISTOR



30 Mc.
SURFACE BARRIER TRANSISTOR
RF - OSCILLATOR - IF

AO-1 1.90

SYLVANIA TRANSISTOR KIT "A"



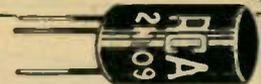
For The Experimenter

Sylvania Transistor Kit A is supplied with the Booklet "28 USES FOR JUNCTION TRANSISTORS", 2 Type 2N35 Transistors, and one type IN34A Diode. Challenging transistor circuits and simple detailed instructions make this kit interesting and easy to use. Ideal for the experimenter who wants to get the feel of transistorized circuits.

KIT "A" Complete 2.95



RCA TRANSISTORS



Type	Class	Net Each	Applic- ation	Freq. Cut-off Mc	a/β	Col. Pwr. Dissip. Mw	Oper. Temp. °C	Power Gain db	Noise db	DC Coll. Volts	DC Coll. Ma	Coll. Cut-off Ua	Coll. Temp. °C
2N77	p-n-p	1.86	AF	0.7	55	35	50	41	13	-25	-15	-10	-10
2N104	p-n-p	3.22	AP	0.7	44	—	70	41	12	-30	-50	-10	-10
2N105	p-n-p	2.90	AF	0.75	55	35	50	42	9	-25	-15	-5	-5
2N109	p-n-p	1.86	AF	—	70	50****	50	33	—	-25	-10	-10	-10
2N139	p-n-p	2.09	IF	4.7	48	35	70	30	—	-16	-15	—	—
2N140	p-n-p	2.22	Conv.	7.0	45	35	70	27	—	-16	-15	—	—
2N175	p-n-p	3.22	AF***	0.85	65	20	50	43	6	-10	-2	—	—
2N204	p-n-p	5.47	Audio	0.78	.980	75	85	46	9	-30	-50	-10	-10
2N215†	p-n-p	3.47	AF	0.7	44	—	70	41	12	-30	-50	-10	-10
2N217†	p-n-p	1.86	AF	—	70	50****	50	33	—	-25	-10	—	—
2N218†	p-n-p	2.09	IF	4.7	48	35	70	30	—	-16	-15	—	—
2N219†	p-n-p	2.22	CONV.	7.0	45	35	70	27	—	-16	-15	—	—
2N220†	p-n-p	3.22	AF***	.85	65	20	50	43	6	-10	-2	—	—
2N247	p-n-p	3.22	RF	30.0	60.0	35	85	37	8	-35	-10	-10	-10
2N269	p-n-p	4.74	Switching	4.0	—	35	71	—	—	-25	-100	-4	-4
2N270	p-n-p	2.04	Audio	—	70	500††	50	32	—	-25	-150	-10	-10
2N274	p-n-p	3.22	RF	30	60	—	71	45	8	-9	-1.0	—	—
2N301	p-n-p	4.74	AF-OUT	—	70	12W††	70	30	—	-14.4	-50	—	—
2N301A	p-n-p	6.44	AF-OUT	—	70	12W††	70	30	—	-60	-50	—	—
2N370	p-n-p	3.22	Drift	—	—	—	—	—	—	—	—	—	—
2N371	p-n-p	3.22	RF	30	60	—	71	12.5	8	-12	-1.0	—	—
2N372	p-n-p	3.22	OSC.	30	40	—	71	—	8	-12	-1.4	—	—
2N384	p-n-p	3.22	Mixer	30	60	—	71	13.5	8	-12	-1.0	—	—
2N398	p-n-p	16.10	RF	—	60	—	71	15	—	-12	-1.5	—	—
2N404	p-n-p	2.42	Switch	—	20	—	55	—	—	-105	—	—	—
2N405	p-n-p	5.64	Switch	4.0	—	35	71	—	—	-25	-100	-4	-4
2N406†	p-n-p	1.52	AF-Driver	—	20	—	71	—	—	-6	-1.0	—	—
2N407	p-n-p	1.52	AF-Driver	—	20	—	71	—	—	-6	-1.0	—	—
2N408†	p-n-p	1.61	AF-OUT	—	60	150 ††	50	—	—	-9	-2.0	—	—
2N409	p-n-p	1.61	AF-OUT	—	60	150 ††	50	—	—	-9	-2.0	—	—
2N410†	p-n-p	1.93	IF	4.7	48	—	71	37	4.5	-9	-1.0	—	—
2N411	p-n-p	1.93	IF	4.7	48	—	71	37	4.5	-9	-1.0	—	—
2N411	p-n-p	2.02	Conv.	7.0	48	—	71	30	—	-9	-0.6	—	—
2N412†	p-n-p	2.02	Conv.	7.0	48	—	71	30	—	-9	-0.6	—	—

*Maximum rating, all other ratings average; **Same as 2N269 except for Jetec size group 30 case; ****160 Mw Power Output; †Long lead versions of short lead types 2N104, 2N109, 2N139, 2N140, 2N175, 2N405, 2N407, 2N409 and 2N411 respectively; ††2 Transistors P-P class B Power Output.

PHILCO TRANSISTORS

Type	Class	Net Each	Applic- ation	Freq. Cut-off Mc	a/β	Coll. Pwr. Dissip. Mw	Noise db	DC Coll. Volts	DC Coll. Ma	Coll. Cut-off Ua	Oper. Temp. °C
AO-1	SB	1.90	RF-OSC-IF	30	—	10	—	-4.5	-5.0	10	55
SB-100	SB	6.00	RF-OSC-IF	45.0	20	10	—	-4.5	-5.0	0.5	55
2N128	SB	9.00	OSC-CONV.-VID.	65	.950	30	20	-10	-5.0	15	55
2N129	SB	8.25	VID-AGC-IF	60	.920	30	20	-10	-5.0	15	55
2N207†	p-n-p	2.75	RF	2.0	100	50	15	-12	-20	15	65
2N207A†	p-n-p	3.00	RF	2.0	100	50	10	-12	-20	10	65
2N207B†	p-n-p	3.40	RF	2.0	100	50	5	-12	-20	10	65
2N223	p-n-p	2.00	AF-Driver	0.8	95	100	10	-18	-150	20	65
2N224	p-n-p	2.40	AF-Out	0.4	—	150	—	-25	-150	25	75
2N225*	p-n-p	4.80	AF-Out	0.4	—	150	—	-25	-150	25	75
2N226	p-n-p	2.00	AF-Out	0.4	—	100	—	-25	-150	25	65
2N227**	p-n-p	4.00	AF-Out	0.4	—	100	—	-25	-150	25	65
2N240	SB	9.75	Switch	30.0	16	10	—	-6	-15	3.0	40
2N344/ SB-101	SB	5.25	RF-Conv-IF	50.0	33	20	—	-5	-5	3.0	55
2N345/ SB-102	SB	6.00	RF-Conv-IF	50.0	110	20	—	-5	-5	3.0	55
2N346/ SB-103	SB	6.75	RF-Conv-IF	75.0	10	20	—	-5	-5	3.0	55
T-1025	p-n-p S1	46.50	RF-OSC	15.0	18	150	—	-25	-50	—	140
T-1040	p-n-p	3.75	AF-Out	0.016	140	7W	—	-40	-2A	—	100
T-1041	p-n-p	5.20	AF-Out	0.016	150	10W	—	-40	-2A	—	100
T-1166	p-n-p	16.60	Switch	60	120	50	—	-6	-50	—	85

All ratings maximum. †For hearing aids and miniature receivers. *Matched pair of 2N224's; **Matched pair of 2N226's. SB = surface barrier transistor; S1=silicon transistor.



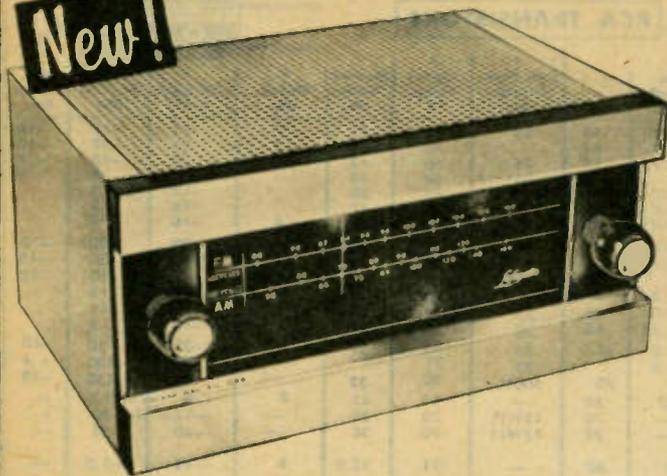
CLEVITE TRANSISTORS

Type	Class	Net Each	Applic- ation	Freq. Cut-off Mc*	a/β	Coll. Pwr. Dissip. Watts	Power Gain db*	DC Coll. Volts	DC Coll. Amp	Coll. Cut-off Ma	Temp. °C
2N257	p-n-p	7.10	AF-Out	7.0	—	25†	33	-40	-3.0	2.0	85
2N268	p-n-p	8.25	AF-Out	6.0	—	25†	31	-80	-3.0	2.0	85
2N297††	p-n-p	16.50	AF-Out-Sw.	6.0	—	15	—	-60	-3.0	3.0	85
CTP-1104	p-n-p	4.62	AF-Out	4.0	—	25†	23	-40	—	2.0	85
CTP-1108	p-n-p	3.72	AF-Out	4.0	—	25†	20	-20	—	2.0	85
CTP-1109	p-n-p	4.29	AF-Out	6.0	—	25†	27	-20	—	2.0	85
CTP-1111	p-n-p	7.10	AF-Out	4.0	—	25†	23	-80	—	2.0	85

Ratings max. except * are minimum. †With infinite heat sink at 25°C; 2 Watts in free air; 6 Watts with 9" sq. heat sink; 15 watts with 36" sq. sink. ††military type.

BUILD YOUR OWN HI-FI KITS

New!



FM-AM TUNER KIT

- AFC DEFEAT CIRCUIT WITH FRONT PANEL CONTROL
- ARMSTRONG CIRCUIT AND FOSTER SEELEY DISCRIMINATOR
- GROUNDED GRID TRIODE AMPLIFIER • 20-20,000 CPS RESPONSE

Choose this superb compact high-fidelity FM-AM tuner whose characteristic features are found in units costing many times as much, and whose performance is unheard of at this low price. There are two front panel controls, a function control for AM, FM, PHONO and a tuning/AFC defeat control. Automatic frequency control for fast accurate tuning can be momentarily disabled to allow tuning weak stations adjacent to stronger ones. Features Armstrong FM circuit with limiter and Foster-Seeley discriminator. The low noise front end consists of triode grounded amplifier and separate mixer and oscillator. The AM superheterodyne receiver has a low noise built-in ferrite loopstick and high impedance terminal for external antenna. Simplified tuning with slide-rule dial and flywheel counterweighted mechanism, high impedance phono input and high impedance audio output.

SPECIFICATIONS

FREQUENCY RANGE: FM, 88-108MC, AM, 530-1650 KC. ANTENNA INPUT: FM, 300 ohms, AM, Ferrite loopstick and high impedance external antenna. DISTORTION: Less than 1% at rated output. FREQUENCY RESPONSE: FM, ± 5 DB 20 to 20,000 cps, AM ± 3 DB 20 to 5000 cps. SENSITIVITY: FM, 5 UV for 30 DB quieting, AM, Loop sensitivity 80 UV/meter. SELECTIVITY: FM, 200 KC bandwidth, 6 DB down; 375 KC FM discriminator peak to peak separation, AM, 8 KC bandwidth, 6 DB down. IMAGE REJECTION: 30 DB minimum. HUM LEVEL: 60 db below 100% modulation. TUBE COMPLEMENT: 2-12AT7, 1-6BE6, 1-6BA6, 2-6AU6, 1-6AL5 plus 1-6X4 rectifier. SIZE: 5 1/2" high x 9 1/2" wide x 9 1/2" deep (excluding knobs). CONSUMPTION: 30 watts. For 110-120V 60 cycles AC. Attractive copper plated and lacquered finish. Less metal case. Shpg. wt., 9 lbs.

KT-100A

Net 34.95

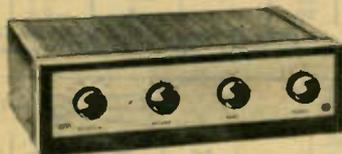
ML-100 Metal cage for above. Shpg. wt., 3 lbs.

5.00

BASIC FM-AM TUNER HAVING OUTSTANDING SPECIFICATIONS AND DELIVERING ASTONISHING PERFORMANCE — ALL AT A BUDGET PRICE IN EASILY ASSEMBLED KIT FORM

Build-it-Yourself and Save with NEW EICO HIGH FIDELITY AMPLIFIER KITS

12-WATT WILLIAMSON-TYPE HI-FI AMPLIFIER . . . PREAMP . . . CONTROL SECTION



COMPLETE KIT 34.95

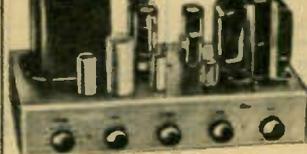
WIRED 57.95

Compact, attractively styled amplifier with complete front end facilities and true high fidelity performance. Direct tape head and magnetic phono inputs with NART8 (tape) and RIAA (phono) feedback equalizations. Dual triode circuit for variable turnover bass and treble feedback-type controls. Power output: 12 watts continuous, 25 watts peak. Intermodulation distortion 1.5% at 12 watts, 0.55% at 6 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 12 watts. 4 Controls: Selector switch, level control, bass and treble controls. Speaker connections for 16, 8, and 4 ohms. Tubes: (2) ECC83/12AX7, ECC82/12AU7, (2) EL84, EZ81. Size: 3 1/2" H, 12" W, 8 1/4" D. Shpg. wt. 13 lbs. With instructions.

HF12K—Complete Kit.....Net 34.95

HF12 —As above, factory wired.....Net 57.95

50-WATT ULTRA-LINEAR AMPLIFIER PREAMPLIFIER CONTROL SECTION



69.95
Complete
Kit

Here is a new high powered, high fidelity amplifier with virtually absolute stability and flawless transient response under load. Extremely high quality output transformer, fully potted in seamless steel case. Preamplifier-equalized control section has five equalizations for LP's and 78's including RIAA, variable turnover feedback tone controls, loudness and level set controls. Six inputs include four high level switched inputs for tuner, TV, tape, crystal/ceramic phono, and two low level inputs for magnetic and high quality crystal cartridges. Has hum balance control. Power output 50 watts continuous, 100 watts peak. Harmonic and intermodulation distortion less than 1%. Frequency response 15-30,000 cps ± 0.1 db. Hum and noise 60 db below rated output. Speaker connections for 4, 8, 16 ohms. Size 7" H, 14" W, 8" D. Shpg. wt. 29 lbs. With instructions.

HF52K—Complete Kit.....Net 69.95

HF52 —As above, factory wired.....Net 109.95

Model E-1—Matching Cover.....Net 4.50

HF50K—Power Amplifier Kit only.....Net 57.95

HF50 —Factory wired Amplifier only.....Net 87.95

Model E-2—Matching Cover.....Net 4.50

HIGH FIDELITY PREAMPLIFIER



COMPLETE KIT ONLY 24.95 Factory Wired 37.95

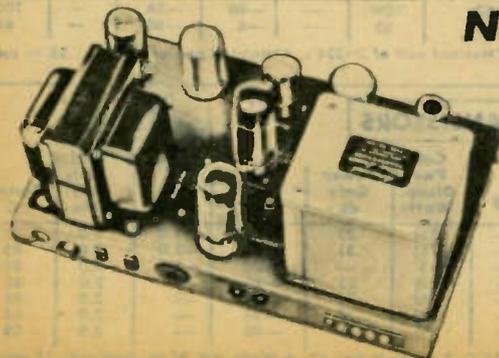
Provides complete control and switching facilities for the finest power amplifiers. Has feedback-type, sharp cutoff scratch and rumble filters (12db/octave). Low distortion feedback tone controls include five most common recording curves for LP's and 78's plus RIAA. Tone controls provide large boost or cut in bass or treble with mid-frequencies and volume unaffected. Equipped with loudness control, four high level switched inputs (TV, tuner, tape, aux.) and three low level inputs for all cartridges. Has hum balance control and four convenience outlets. Negligible hum, noise, harmonic and intermodulation distortion. Frequency response 8-100,000 cps ± 1 db. Size: 4 1/8" H, 12-5/16" W, 4 1/8" D. Shpg. wt. 8 lbs. With instructions.

HF61AK—Complete Kit.....Net 24.95

HF61A —Same as above, factory wired.....Net 37.95

HF61K —Same as HF61A Kit except with power supply.....Net 29.95

HF61 —Same as above, factory wired.....Net 44.95



New! 60 WATT ULTRA-LINEAR HI-FI POWER AMPLIFIER KIT

with ACRO TO-330 Output Transformer

COMPLETE
KIT
72.95

WIRED
99.95

Enjoy superb performance and save money too by building this top quality amplifier using the finest components and proven design features. The kit includes Acrosound's famous TO-330 output transformer which provides high undistorted power, push-pull parallel ultra-linear operation. Circuit includes EF86 low-noise voltage amplifier direct-coupled to 6SN7GT8 cathode-coupled phase inverter driving two EL34 output tubes operated with fixed bias. Rated power output 60 watts, with 130 watt peak. Intermodulation distortion less than 1% at 60W. Harmonic distortion less than 0.5%, 20-20,000 cps. ± 1 db at 60W. Frequency response: 16-90,000 cps. ± 0.1 db at 60W. Damping factor 17. GZ34 rectifier with indirectly heated cathode eliminates high starting voltage on electrolytics and delays B+ until tubes warm up. Has input level control, bias and bias-balance adjustments, standard socket for preamp power take-off and remote on-off switching. 7x14x8". Shpg. wt. 30 lbs. With instructions, tubes and all parts.

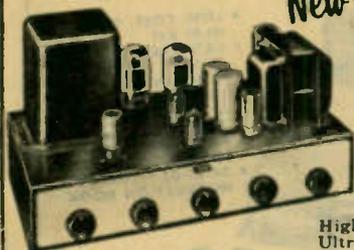
Eico HF60—Amplifier Kit.....Net 72.95

Same as above completely wired.....Net 99.95

Model E-2—Matching Cover.....Net 4.50

EASY TO BUILD HIGH FIDELITY KITS

Enjoy the Best and you Save More!



New! EICO 20 WATT HIGH FIDELITY AMPLIFIER KIT MODEL HF20K

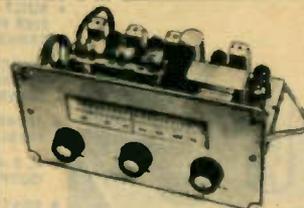
- ± 0.5 db 13 to 35,000 cps; ± 1.5 db, 7 to 50,000 cps
- COMPARES WITH MOST EXPENSIVE AMPLIFIER MADE!
- BEST BUY IN SUPERLATIVE HIGH FIDELITY AMPLIFIERS!

High quality equalizer and control section plus 20 watt Ultra-Linear Williamson-type power amplifier. Low distortion feed-back equalization; 5 equalizations provided for LP's and 78's including RIAA. Variable turnover, low distortion feed-back tone controls. "Flat" positions at center settings of control knobs. Loudness control and separate level set control both on front panel. Provides adjustable Fletcher-Munson compensation or no compensation when desired. Loudness control can be adjusted to give desired listening level without affecting tape output. Permits use of up to 30 ft. of cable.

Six inputs: 4 high level switched inputs - Tuner, TV, Tape, Auxiliary (crystal/ceramic phono or second tuner); 2 low level inputs (not switched) - provides proper pick-up loading and attenuation for all leading magnetic, FM and high quality crystal cartridges without changing resistors. Hum balance control for balancing out 60 cycle residual hum. Power Consumption: 110-120 volts, 60 cps, 100 watts. Tubes: 2-12AX7, 2-12AU7A, 2-6L6GB, 1-5U4GB. Handsomely styled to eliminate the necessity for cabinetry. Size: $8\frac{1}{2}$ "H, 15"W, 10"D. Shpg. wt., 24 lbs.

EICO MODEL HF20K - KIT, Complete
MODEL HF20 - Factory Wired
ENCLOSURE FOR HF20

Net 49.95
Net 79.95
Net 4.50



DeLuxe 9 TUBE FM TUNER KIT

- DUAL LIMITERS—FOSTER-SEELEY DISCRIMINATOR
- CATHODE FOLLOWER OUTPUT
- TUNED RF FRONT END
- SELF-CONTAINED AC POWER SUPPLY
- RESPONSE 20-20,000 CPS $\pm .5$ DB
- TEMPERATURE COMPENSATED ARMSTRONG CIRCUIT
- 9 TUBES PLUS SELENIUM RECTIFIER

Quality parts plus an excellent circuit make this a top-notch unit. Uses a 3 gang variable, iron core tuned I.F.'s and discriminator transformers, heavy 16 gauge copper plated and lacquered chassis. Features include Armstrong circuit, hum level -70 db below average output, output volts overage .5 volts RMS, sensitivity of 10 u/v -20 db, 200kc bandwidth and tuned RF stage. Controls are tuning, volume with On-Off switch, and FM-phono switch. Covers 88-108mc. Self-contained 115 volt 60 cycle AC power supply. Tubes are 4-6AU6, 2-6AB4, 1 each 6CB6, 6AL5 and 6CA cathode follower output plus selenium rectifier. Every part is of finest quality—even the sockets are mica filled. Illuminated dial, rich gold finished scotchwood panel and matching brass. Inlay knobs. Chassis dimensions $9\frac{3}{4}$ " L x 5" H, x $5\frac{1}{2}$ " W. Included is 24 page $8\frac{1}{2}$ " x 11" book complete with pictorial, mechanical and schematic diagrams, plus step by step assembly instructions. Kit is complete with tubes and all parts. Shpg. weight 11 lbs.

KT-107 Kit

37.95



NEW DYNAKIT MARK III 60 WATT POWER AMPLIFIER KIT

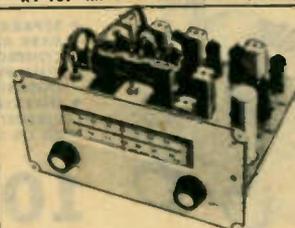
- PRE-WIRED PRINTED CIRCUIT ASSEMBLY
- MATCHED PAIR PREMIUM TUBES
- CHOKE FILTERING TO MINIMIZE NOISE

Compact 60 watt basic amplifier designed for finest listening quality in modern hi-fi installations. Pre-wired printed circuit assembly with parts mounted assures correct trouble-free construction in as little as three hours. Accurate and simple bias setting independent of meter accuracy. Balancing or critical adjustments are not required to meet performance specifications. Frequency response better than $\pm .5$ db from below 6 cps to above 60 kc. Response at any level up to 60 watts is $\pm .1$ db over a range in excess of 20 cps to 20 kc. IM distortion less than 1% at 60 watts, .5% below 50 watts and .04% at average listening levels. Less than 1% harmonic distortion within 1 db of 60 watts from 20 cps to 20 kc. Excellent transient response on pulses, square waves, etc., and noise 90 db below maximum. 4, 8, and 16 ohm outputs. Utilizes 1 6AN8, 2 KT88 (or 6550), 1 GZ34 and selenium rectifier. Washable, chip-proof vinyl coated finish on cover. All parts, tubes and protective cover included in kit. Shpg. wt., 28 lbs.

MARK III 60 Watt Amplifier Kit

Net 79.95
Net 99.95

Above, Completely Wired and Tested.



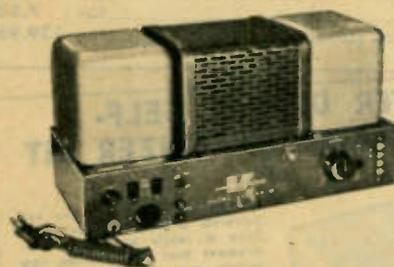
12 TUBE AM-FM TUNER KIT

- 12 TUBES PLUS CRYSTAL DIODE DETECTOR
- DUAL LIMITERS—FOSTER-SEELEY DISCRIMINATOR
- ARMSTRONG CIRCUIT—TEMPERATURE COMPENSATION
- FM RESPONSE 20-20,000 CPS $\pm .5$ DB
- 6 SECTION VARIABLE-TUNED RF STAGES

Build this fine 12 tube AM-FM tuner that covers both 88-108MC and 530-1650KC AM and FM bands with superb quality. Frequency response is 20-20,000 CPS $\pm .5$ db on FM, and 20-7500 CPS $\pm .3$ db on AM. Twelve tube circuit includes 4-6AU6, 2-6AB4, 2-6BA6, 1 each 6CB6, 6AL5, 6BE6, and 6CA cathode follower output plus 1N34-60 crystal diode detector. Has 6 section variable condenser, iron core tuned I.F., discriminator, antenna, RF and oscillator coils. Band width is 200KC. Has tuned RF stage in both AM & FM. Hum level is -70 db below average output. Drift is held to minimum by temperature compensation. Extremely sensitive, 5-10 u/v, 20-30 db on FM, 5 microvolts on AM. Controls are tuning and 3 position switch for AM, FM, On-Off. Copper plated lacquered 16 gauge chassis measures $9\frac{3}{4}$ " L x 5" H x 8" W. Rich gold finished scotchwood panel and brass inlay knobs. 24 page instruction manual is replete with easy to follow pictorial, mechanical and schematic diagrams with step by step instructions for assembly and operation. External power supply required is 190 volts DC-55 ma and 6.3 volts AC 4 amp. KT-109 power supply is ideal for this purpose. Kit is complete with all parts and tubes. Shpg. weight 12 lbs.

KT-106 AM-FM KIT

NET 43.95



NEW ACRO SOUND ULTRALINEAR II 60 WATT POWER AMPLIFIER KIT 79.50

The Acrosound Ultra-Linear II is a 60 watt power amplifier utilizing ultra-linear circuitry and new feedback design to provide a new standard of stability in feedback amplifier performance. A variable damping control is adjustable between .5 and 10 for optimum speaker match, without volume change, increased distortion or frequency discrimination. Critical wiring is preassembled on a printed circuit board. A full choke condenser power supply and fully potted transformers are supplied, and tubes are operated well within ratings. New TO-600 output transformer with low leakage reactances between windings and novel feedback windings is used. IM distortion less than 1% at 60 watts for any standard combination of test frequencies. Harmonic distortion less than 1% at any frequency between 20 cps and 20 kc at power output within 1 db of 60 watts. Sensitivity is 2 volts RMS for 60 watts output. Hum is 85 db below rated output. Output impedances of 4, 8, and 16 ohms. The tube lineup consists of 2 EL34/6CA7, 12AU7, 12AX7 and GZ34. The amplifier is attractively styled and presents a professionally finished appearance that is both functional and pleasing, with dark brown chassis and cover, and light brown transformer cans. Size 7" x $15\frac{1}{2}$ " x 8". Shpg. wt., 30 lbs.

ACRO SOUND 60 Watt Amplifier Kit

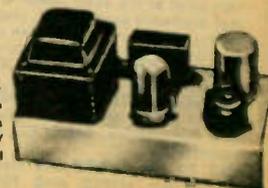
Net 79.50
Net 109.50

Above, Completely Wired and Tested.

UNIVERSAL POWER SUPPLY

12.80

Completely wired. Choke filter system, electrostatically shielded, hum free. Completely isolated. Delivers 190 volts DC of 55 ma and 6.3 V of 4 amp. Size: $3\frac{1}{2}$ " W x $4\frac{1}{4}$ " H x 8" D. Shpg. Wt. $8\frac{1}{2}$ lbs.

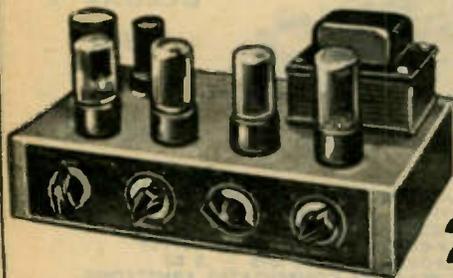


KT-109 Power Supply 12.80

Build Your Own Kits

ENJOY THE FINEST AND SAVE!

10 WATT PUSH PULL HI-FI AMPLIFIER KIT

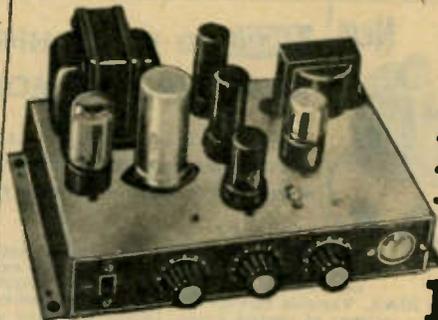


- BUILT-IN PREAMPLIFIER FOR GE RELUCTANCE CARTRIDGE
- SELECTOR SWITCHES PERMIT CHOICE OF THREE INPUTS
- SEPARATE BASS AND TREBLE CONTROLS
- 4, 8 AND 16 OHM OUTPUTS
- EASY-TO-FOLLOW INSTRUCTIONS

24.50

This new, economy hi-fi amplifier has many deluxe features for exceptional performance. The three inputs are radio/crystal phono pickup, magnetic phono pickup and microphone. A selector switches the input from radio/crystal to microphone or magnetic pickup, depending upon the position of a rear apron slide switch. **OUTPUT** — Rated 10 watts, peak 18. **FREQUENCY RESPONSE** — ± 1 db 30-15,000 cps. **DISTORTION** — 1.5% harmonic, 4% intermodulation at 8 watts. **4 CONTROLS** — Input Selector; Volume; Treble; Power-On-Off-Bass. **TREBLE CONTROL** — Flat response up to 15 db boost. **BASS CONTROL** — Flat response up to 15 db attenuation. **OUTPUT IMPEDANCES** — 4, 8 and 16 ohms. **TUBES** — 6X4, 6SL7GT, 2 — 6V6GT and 5Y3GT rectifier. **AUXILIARY AC OUTLET** — Distinctive Hommerlane finish. **SIZE** — $10\frac{1}{2}'' \times 6\frac{1}{4}'' \times 5\frac{1}{4}''$. **WEIGHT** — $8\frac{1}{2}$ lbs. For 110-Volt. Complete kit with coded wire, highest grade solder and detailed instruction manual. **Net 24.50**
KT-91

PUSH-PULL — 6 WATT HI-FI AMPLIFIER KIT



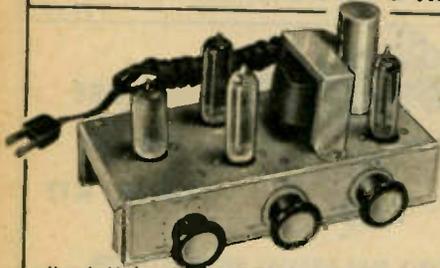
- LOW COST, REALISTIC HI-FI KIT
- CATHODE-RAY OUTPUT INDICATOR
- HUM LEVEL—78 DB BELOW FULL OUTPUT
- 4, 8 and 16 OHM OUTPUT IMPEDANCES
- PHASE INVERTER
- PUSH-PULL OUTPUT
- 24 PAGE ILLUSTRATED INSTRUCTION BOOK

18.60

A high-quality down-to-earth priced hi-fi audio amplifier kit with frequency response 40-12,000 cps ± 1.5 db. Self-contained AC power supply, 117 volts, 50-60 cycles with separate AC on-off power switch. The volume control is continuously variable, requires but .5V input. The tube complement consists of 12J5—1st ampifier, 12SL7—phase inverter, 2-12A6—push-pull beam power output, 5Y3GT rectifier and 1629 cathode-ray output indicator. Mica filled sockets. The chrome plated chassis is a compact size 11" long, $6\frac{1}{2}''$ wide and $5\frac{1}{2}''$ high and is adaptable to back shelf plate with instruction book containing step-by-step pictorial and schematic diagrams. **KT-111**

Net 18.60

5-WATT PUSH-PULL AC-DC HI-FI AMPLIFIER KIT



- SEPARATE VOLUME, BASS AND TREBLE CONTROLS
- PUSH-PULL AUDIO OUTPUT STAGE
- INVERSE FEEDBACK CIRCUIT
- AC OR DC OPERATION

10.95

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

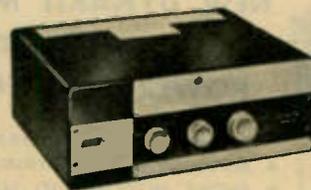
NEW! EICO MODEL HFT90 FM TUNER KIT



- PRE-ASSEMBLED, PRE-ALIGNED, SHIELDED FRONT END
- TRAVELING TUNING INDICATOR
- EXCELLENT SENSITIVITY
- SIMPLIFIED CONSTRUCTION AIDS

Kit includes an entirely completed and aligned "front end" housed in a solid aluminum shield which not only provides excellent sensitivity and low noise, but is also stable and drift-free because of advanced circuitry and temperature-compensated components. This "front end" makes possible construction of an FM tuner comparable to a factory wired unit, even by a novice builder. A traveling tuning indicator, travels along the slide-rule dial, blooming into an exclamation point at the exact center of the channel. Other features include fly-wheel tuning, automatic gain control, stabilized low limiting threshold, broad band ratio detector, and very low distortion plus flat frequency response. Important construction aids include simplified dial card arrangement and pre-wired tuning eye assembly. **—SENSITIVITY:** 1.5UV for 20db quieting; 2.5UV for 30db quieting; full limiting from 25UV. **INPUT:** 300 ohm balanced. **OUTPUTS:** Cathode follower and multiplex. **TUBE COMPLEMENT:** 1-ECC85/6AQ8, 3-6AU6, 1-6AL5, 1-6C4, 1-6X4, 1-DM70. **HUM:** 60db below 1 volt. **POWER:** 110-125V AC, 60 cps; 40 watt consumption. **SIZE:** 12" w x $8\frac{1}{4}''$ d x $3\frac{3}{4}''$ h. Complete kit with detailed instructions. **Net 39.95**

HFT 90 FM TUNER KIT (less cover)..... **Net 65.95**
FACTORY WIRED AND TESTED TUNER..... **Net 3.95**
Cover for above..... **Net 3.95**



TECHMASTER 60-WATT HIGH FIDELITY AMPLIFIER- PREAMPLIFIER KIT

Advanced circuitry and top quality components provide excellent high fidelity performance at a moderate price. Unstarted power output 60 watts from 20-20,000 cps. Intermodulation distortion below 1% at 60 watts and below 0.25% at normal listening levels. Frequency response flat from 10-50,000 cps. Preamplifier provides compensation for all recording characteristics. R-C filter network assures clear, hum-free signal. Hum level 65 db below rated output. Individual bass and treble controls have a range of 30db each. Special features include 10 lb. output transformer with tapped primary for "ultra-linear" connection, direct inter-stage coupling, variable calibrated pickup load control to accommodate all magnetic cartridges, and cathode follower tape recording take-offs for all inputs. Output impedances for 16, 8, 4 ohm speakers. Tubes: 12AX7, 12AU7, 6AN8, (2) 6550, 3U4G, and separate selenium rectifier for fixed bias. Size: $14\frac{1}{2}'' \times 5\frac{1}{4}'' \times 10\frac{1}{4}''$ D. Shpg. wt. 27 lbs. With instructions, tubes and all components including panel.

Techmaster Model 19K—Amplifier Kit..... **Net 79.95**
Cabinet Enclosure (Illustrated)..... **Net 7.50**
Same as above except wired (with cabinet)..... **Net 129.95**

TECHMASTER DELUXE SELF- POWERED PREAMP-EQUALIZER KIT



24.50

Anyone can build this fine self powered preamp-equalizer, and have a really professional instrument that will provide new beauty and versatility to your music reproducing system. Has 4 input channels, one low level high gain and 3 high impedance. Separate bass and treble controls give 15 db boost or attenuation at 20 cycles and 20 KC respectively. Perfect matching of recording curves assured by 5 position equalization control for 78 RPM, Old 78's R1AA, FRFR and AES, 60 cycles — isolated transformer. Cathode follower output, AC power supply for 115V control. It's simple to build. Sockets, terminals and connectors riveted on chassis. Size $9\frac{1}{2}'' \times 3\frac{3}{4}'' \times 4\frac{1}{2}''$. Shpg. wt. 5 lbs. **TECHMASTER TM-16A**

Net 24.50

OUTSTANDING "BUILD YOUR OWN" KITS

3 WAY PORTABLE RADIO KITS

• AC-DC OR BATTERIES



FIG. A

FIG. A — BROADCAST RECEIVER

Build this extremely sensitive portable radio which operates on either 110V A.C., 110V D.C. or batteries. Covers the entire broadcast band from 550 to 1600 KC. Utilizes miniature low drain tubes: 1R5 converter, 1U4 I.F. amplifier, 1U5 detector and first audio amplifier, 3V4 power amplifier plus a selenium rectifier. Beautiful 2 tone polyester cabinet 10" x 4 1/2" x 7". Built in loop antenna. Complete with tubes, parts, cabinet and construction manual featuring life-size pictorial diagrams, and easy step by step wiring instructions. Supplied less batteries. Shpg. wt. 4 lbs.

KT-57 NET 20.00

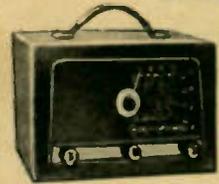


FIG. B

FIG. B - BROADCAST-SHORTWAVE RECEIVER

A high gain extremely sensitive portable set covering the 550-1600 KC broadcast band plus the 6-18 MC short wave bands. Operates either on 110V AC, 110V DC or on self-contained batteries. A selection of different countries indicated on shortwave dial. Uses iron core IF's and miniature tubes including 1U4, 1U5, 1R5 and 3V4 plus a selenium rectifier. Attractive leatherette cabinet with semi-airplane dial. Kit is complete with tubes, rectifier, cabinet and technical construction manual with easy to follow schematic and pictorial diagrams.

Less batteries. Shpg. wt. 10 lbs.

KT-58 NET 26.75

BATTERIES FOR { KT-57 Burgess N60 2.98; B5 1.05
KT-58 Burgess N60 2.98; C5 1.05

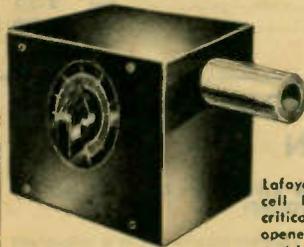


PHOTO-ELECTRONIC RELAY KIT WITH CADMIUM SULPHIDE PHOTOCCELL

Lafayette's super-sensitive Cadmium Sulphide Photo-cell Relay Control Kit has proven itself in such critical applications as burglar alarm systems, door openers, lighting control systems, motor activation and in countless industrial uses. The very high sensitivity of the miniature cadmium sulphide photocell plus a well engineered circuit make this relay control unit highly dependable. The relay circuit is operated directly from the 110 volt AC line and incorporates a 5823 cold-cathode tube with resulting instantaneous operation at low illumination levels. Activation of the Single Pole Double Throw relay can open or close the external circuit which utilizes the same 110 volts AC of the Photocell Control unit; a simple change in wiring (in instructions) enables you to supply the external circuit with any desired voltage. Relay contacts rated at 5 amps. Complete with all parts, photocell, tube, ripple finished case and chassis and simple illustrated instructions. 3" x 4" x 5". Shpg. wt., 4 lbs.

KT-81 Kit, complete Net 11.50

NEW! REGENCY TRANSISTORIZED PREAMPLIFIER-EQUALIZER KIT



A transistorized printed circuit preamplifier-equalizer with the versatility and low distortion of vacuum tube designs. Completely free of hum and microphonics! 4 Inputs: FM or AM Tuners, Crystal Phono Cartridge or Tape Recorder; Magnetic Phono Cartridge;

Dynamic or Ribbon Microphone. 4 Controls: Input Selector, Bass, Treble and Level. Less than 0.5 percent intermodulation distortion at maximum output. Noise Level: 70db below 1 volt output. Frequency Response: 20 to 20,000 cycles. Phono Compensation: Magnetic phono input compensated for RIAA-ORTHO using GE cartridge. Simple tone control adjustment accommodates other types of records and cartridges. 3 low-noise pnp transistors. Gold anodized aluminum front panel; black vinyl pebble grain finished case. 7 1/2" L x 2 1/2" H x 3 3/4" D. Shpg. wt., 2 lbs. Complete with thorough step-by-step instructions. Less Battery.

Model HFT-1K—Kit Net 34.95
Model HFT-1A—Factory Wired Net 47.50
BATTERY FOR ABOVE — RCA V5300 (or Equivalent) Net 1.23



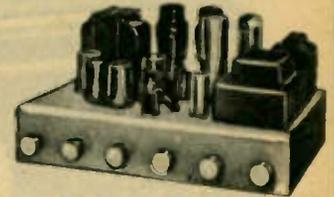
EMC MODEL 210 TRANSISTOR CHECKER

A neat completely wired checker for all P-N-P and N-P-N transistors. Measures GAIN in 3 ranges permitting test without meter needle going off scale. Measures leakage on 2 color "Poor-Good" scale. Housed in molded bakelite case with an attractive black painted aluminum panel neatly lettered in white. Complete with four 1 1/2 volt penlight batteries in series, instructions and mfrs. typical GAIN figures. Sizes: 6 1/4" x 3 3/4" x 2". Shpg. wt., 2 lbs.

EMC MODEL 210 NET 10.95

BOGEN K-DB20DF 20 WATT HI-FI AMPLIFIER KIT

NOW IN KIT FORM!
AUDIOPHILE'S 20 WATT HI-FI AMPLIFIER FAVORITE!



Offers a combination of outstanding Hi-Fi features. A 5 position Loudness Contour Selector; 7 position record equalizer; Boxandoll-type bass and treble controls; DC operated preamplifier filaments to minimize hum; 5 feedback loops for minimum distortion; rumble filter. Permits precise adjustment of the amplifier to the speaker system. Damping factor variable from +2 through infinity to -1. Frequency Response: 20-20,000 cps ±0.7 db. Hum and noise: 75db below 20 watts. Distortion: 0.3% at 20 watts. 5 Inputs: Magnetic phono, Crystal phono, Radio tuner, TV, Tape recorder. Power: 20 watts, tone burst peak 30 watts, Damping Factors 13. Controls: Volume, Bass, Treble Contour Selector, Function Selector (Radio, TV, Tape, LP, AES, NAB, Ortho, RIAA, AM78, EU78, POP), Power On-Off. 15" x 10" x 8". Shpg. wt., 25 lbs. Complete with exceptionally clear and illustrated instructions.

K-DB20DF Complete Kit Net 69.50

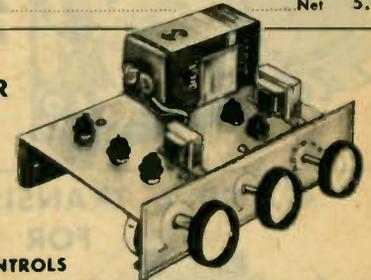
CG22 Cage for K-DB20DF Net 8.25

BOGEN K-DB110 12 WATT AMPLIFIER KIT

K-DB110 Popular Bogen 12 Watt Amplifier DB110 in kit form. Complete with easy-to-follow instructions. 11" x 7 1/4" x 5 1/4". Shpg. wt., 15 lbs. Net 43.90

CAG-110 Cage for DB110 Net 5.25

5 TRANSISTOR AUDIO AMPLIFIER KIT KT-104



- WITH NEW GE HIGH-OUTPUT TRANSISTORS
- CLASS "B" PUSH-PULL 3/4 WATT OUTPUT
- BASS AND TREBLE CONTROLS
- WITH PREAMPLIFIER FOR MAGNETIC AND MICROPHONE INPUT

A rewarding application of the latest G.E. specialized transistors in an advanced 5 transistor audio amplifier circuit with a well designed preamplifier stage. 3 Inputs: Crystal and most magnetic phono cartridges; crystal and most magnetic microphones; AM, FM and Transistor Radio Tuners. Has Bass and Treble controls for fine reproduction and more enjoyable listening. Employs inverse feedback for minimum distortion. Frequency response 30-10,000 cps. Transformer coupled in driver and class "B" push-pull output stages for clear 3/4 watt output and optimum performance. Complete with all parts, prepunched chassis, attractive front panel and knobs and easy-to-follow instructions. 5 1/4" x 4" x 1". Shpg. wt., 3 lbs. with Battery.

KT-104 For 3.2 ohm voice coil speaker Net 19.95

KT-105 For 8 ohm voice coil speaker Net 19.95

TRANSISTOR-DIODE CHECKER KIT

ANOTHER LAFAYETTE FIRST

- QUALITATIVE CHECK OF P-N-P and N-P-N TRANSISTORS FOR LEAKAGE AND GAIN • CHECKS DIODES
- CHECKS SELENIUM RECTIFIERS

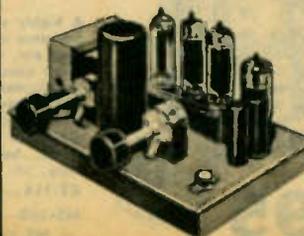
Lafayette's tried and proven transistor checker is indispensable for ultra fast, reliable transistor testing. It checks P-N-P and N-P-N transistors for leakage and shorts on a multi-colored scale and indicates of once whether transistor is good or bad. Selector switch permits direct GAIN reading on a calibrated GAIN scale without needle deflecting off scale. Permits rapid check of diode and selenium rectifier quality by indicating forward and reverse current characteristics. Sturdy black bakelite case and attractive black baked enamel aluminum panel with white lettering. Complete with detailed instructions and up-to-date manufacturers GAIN standards. 6 1/4" x 3 3/4" x 2". Shpg. wt., 2 lbs.

KT-86A—Transistor-Diode Checker Kit Net 7.95



ERIE "PAC" AUDIO AMPLIFIER KIT

- PRINTED CIRCUIT BOARD
- PLUG-IN COMPONENTS



A unique 4-tube, push-pull quality audio amplifier featuring an embossed wiring board, the Erie "Pac", and extreme ease of assembly. The controls, capacitors and tube sockets plug into place like tubes. Frequency response 30-12,000 cps. Output 4 watts. Compact, measures only 6 1/2" W., 4-5/16" D., 3 3/4" H. Complete with all parts, including tubes, output transformer, and instructions. Shpg. wt., 3 lbs.

KT-121 Net 12.69

Lafayette TRANSISTOR SUPERHET KITS

POCKET AND HOME RADIOS • FOR SPEAKER AND EARPHONE OPERATION

BUILD A 6 TRANSISTOR SUPERHET RECEIVER

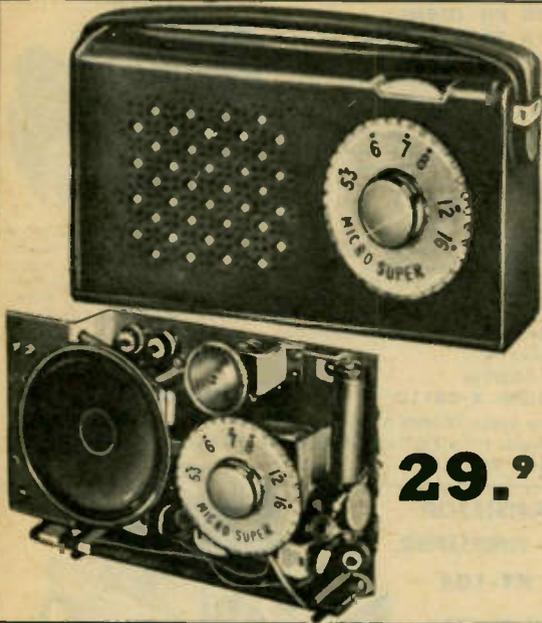
- 100% SUBMINIATURE PARTS—NO COMPROMISES!
- LABORATORY DESIGNED—SENSITIVE, SELECTIVE, STABLE!
- CLASS B PUSH-PULL AMPLIFICATION—PLENTY OF POWER!

Superb Performance! Incomparable Value!

FOR GROUP AND PRIVATE LISTENING

Transistor-wise Lafayette is proud to present its 6 Transistor Superhet Receiver Kit KT-119. An outstanding achievement of constant research and design, this kit represents the optimum in sensitivity, selectivity and stability. You'll be amazed at its superior commercial quality! You'll be elated with its surprising performance! The circuit, using 3 high frequency RF Transistors, 3 dependable audio Transistors and Crystal Diode, features a specially matched set of 3 I.F.'s, Oscillator, High-Q Loop, Class B Push-Pull Audio Amplification, and Transformer Coupling in audio and output stages. Special care has been taken in the design for exact impedance matching throughout to effect maximum transfer of power. Has efficient 2 1/4" speaker for exemplary reproduction, and earphone jack for private listening. Complete with all parts, transistors, pre-punched chassis, and easy-to-follow step-by-step instructions. 6" x 3 1/2" x 1 1/2". Shpg. wt., 3 lbs.

KT-119—Complete Kit—Less Case and battery.....	Net	29.95
BATTERY—9 VOLTS RCA VS300.....	Net	1.23
OR BURGESS P6.....	Net	.77
MS-339—Sturdy, attractive brown leather case with carrying strap for KT-119. 6" x 3 1/2" x 1 1/2". Shpg. wt., 1 lb.....	Net	2.95
MS-366—Sensitive matching earphone.....	Net	1.29



29.95

4 AND 6 TRANSISTOR SUPERHET KITS—POCKET AND HOME RADIOS FOR SPEAKER AND EARPHONE OPERATION

POCKET SIZE: 4" L x 3-5/16" W x 1" D BUILT-IN ANTENNA! REQUIRES NO EXTERNAL ANTENNA OR GROUND!

Lafayette engineers have designed this fascinating 4-transistor superhet receiver kit in a unique and interesting form. It is, by itself, a completely self-contained pocket sized personal portable set which operates a miniature earpiece so only you can hear; by plugging into the KT-96 kit listed below, it is instantly converted to a full 6-transistor home radio, complete with speaker for the entire family to enjoy. Circuit features use of 4 transistors (2 high frequency and 2 audio type) plus a germanium diode, 2 I.F. stages and built-in high gain ferrite core and antenna. The result is a sensitive, stable and selective set covering the entire broadcast band. Requires no outside antenna or ground connection. The kit is furnished complete with transistors and all parts, including battery and chassis already drilled and punched. The earpiece and carrying case are accessory items, not supplied. All necessary pictorial and circuit diagrams are furnished with simple, easy-to-follow instructions.

KT-94 —Kit, shpg. wt., 2 lbs.....	Net	19.95
MS-311—Leather Carrying Case.....	Net	1.95
MS-260—Super power dynamic earpiece.....	Net	3.95
or MS-368—SENSITIVE ECONOMY DYNAMIC EARPHONE.....	Net	1.44

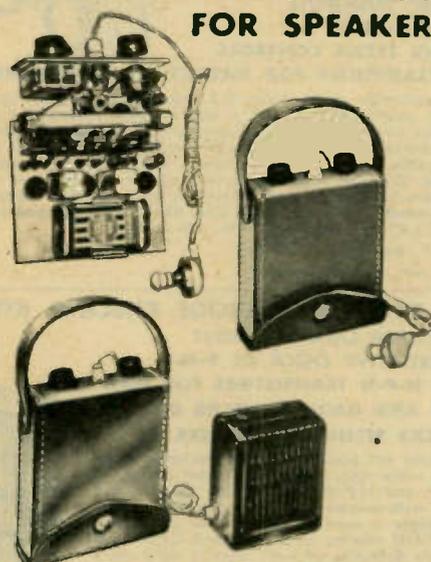
2-TRANSISTOR PUSH-PULL OUTPUT KIT WITH SPEAKER SELF-CONTAINED IN BEAUTIFUL PLASTIC CASE

• CONVERTS 4-TRANSISTOR KIT INTO A 6-TRANSISTOR HOME RADIO WITH SPEAKER
Add a completely transistorized push-pull audio stage to your 4-transistor receiver. Complete stage including speaker and case measures only 3" H x 2 1/4" W x 1 3/8" D. Plugs right into 4-transistor kit above. Converts your 4-transistor set to a 6-transistor plus diodes superhet receiver. Performance equal or superior to commercially wired sets selling at more than twice the price. Kit includes 2 transistors, 2 transformers, 2 1/2" PM speaker, pre-punched chassis, speaker case to hold entire stage, battery, hardware, instructions and diagrams.

KT-96—Shpg. wt., 1 lb.....	Net	11.50
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FIRST BUILD THIS

THEN BUILD THIS

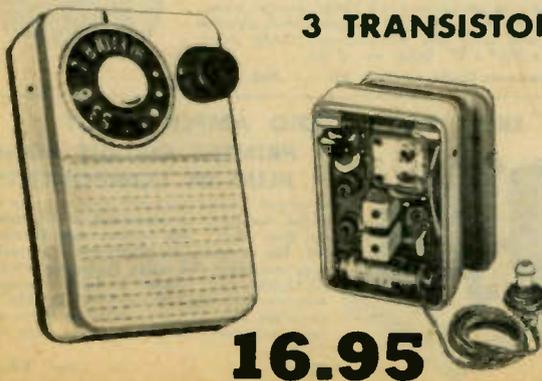


3 TRANSISTOR SUPER-HET POCKET RADIO KIT KT-116

• CONVERTER, 2 IF STAGES, DIODE AND AUDIO OUTPUT
DESIGNER'S DREAM IN A TRUE POCKET SUPERHET RECEIVER!
NO EXTERNAL ANTENNA! NO EXTERNAL GROUND!

A highly sensitive, super-selective true pocket superhet receiver that will surprise you with its performance over the complete broadcast band. Just place it in your shirt pocket, place the earphone to your ear, and you're in for a treat! Best of all! No pesky external antenna and ground leads to worry about! The circuit uses 2 high frequency converter and IF Transistors, 2 specially matched IF transformers for maximum power transfer, an efficient crystal diode for detection and a dependable Audio Transistor in a single-ended audio output stage. The components are housed in an attractive professional-looking plastic case. Comes complete with ON-OFF knob and stylish station dial that adds considerable class to the receiver's appearance. Complete with all parts, transistors, battery, case, dial and easy-to-follow step-by-step instructions. 4 1/8" x 2 3/8" x 1-1/16". Shpg. wt., 1 lb.

KT-116—Complete Kit.....	Net	16.95
MS-260—Super power dynamic Earphone.....	Net	3.95
or MS-368—SENSITIVE ECONOMY DYNAMIC EARPHONE.....	Net	1.44



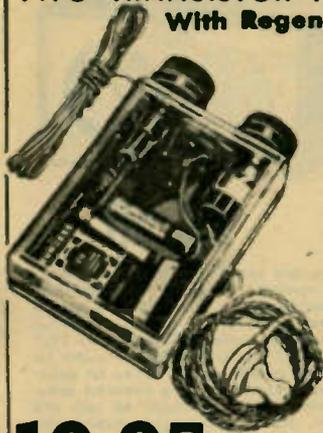
16.95

Lafayette

TRANSISTOR KITS



TWO TRANSISTOR POCKET RADIO RECEIVER KIT With Regenerative Circuit and Transistor Transformer Audio Stage

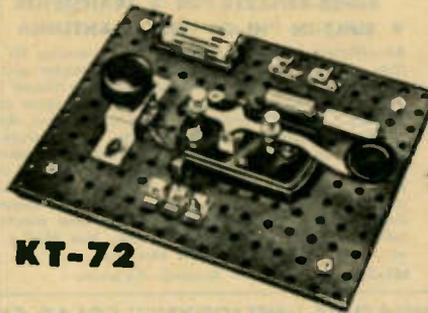


Packed into a 2 1/2" x 3 1/2" x 1 1/4" Plastic Case, this Two Transistor Radio Receiver Kit offers many surprises. Regeneration "Soups Up" the performance of transistor Receivers. Simple transistor radios without regeneration are just crystal detectors followed by audio amplification and there is no R.F. amplification, and sensitivity and selectivity are always poor. In contrast With This, this Lafayette Kit, KT-68, utilizing a regenerative detector circuit and one stage of transformer coupled audio, gives you high gain and sharp selectivity. In the wee hours, you may pull in stations halfway around the country. At the beach, on picnics or camping trips, the set will deliver almost any station on the dial, with more than ample volume. It has more battery life than you would dream of getting from a tiny 15 volt battery. The kit comes complete, with TWO TRANSISTORS, Argonne specially designed Transistor Audio Transformer, Antenna lead, Bakelite Board for mounting parts, Transparent Plastic Case, Condensers, Resistors, etc., including Schematic and Instructions. Shpg. Wt. 1 1/2 lbs.

KT-68A—Complete kit with batteries but less earphone. Net 10.95
 KT-68—as above but with MS111 crystal earphone. Net 11.40
 MS-260—Super power, high output dynamic earphone for optimum results. Net 3.95

10.95
LESS EARPHONE

TRANSISTOR CODE PRACTICE OSCILLATOR KIT



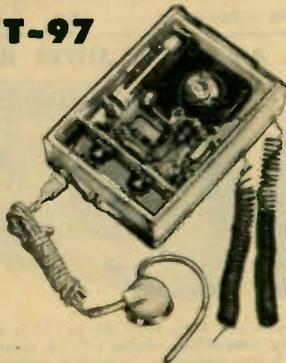
COMPLETE
WITH
TELEGRAPH
KEY &
TRANSISTOR

KT-72

2.99

For those interested in mastering the international code, an audio tone oscillator is essential. The circuit of this transistorized feedback oscillator has the simplicity of the neon glow, the signal strength of the vacuum tube, and requires only two penlite cells for weeks of service. It may be used for solo practice, or two may send and receive with the same unit. Kit comes complete with Transistor, Telegraph Key, Resistors, Condensers, Masonite Board, etc., and Schematic Diagram. KT-72 including batteries Shpg. Wt. 1 1/2 lbs. Net 2.99
 Cannon AM-15-1—Single headset Net 1.18

KT-97



1 AND 2 TRANSISTOR POCKET RADIO KITS ONE TRANSISTOR POCKET RADIO KIT — KT-97 • WITH NEW SUPER-SELECTIVE TAPPED FERRI-LOOP

• PREPUNCHED CHASSIS FOR EASY ADVANCEMENT TO 2 TRANSISTOR KIT

An ideal, neat and low-cost transistor pocket radio kit for students, hobbyists and experimenters interested in a practical and basic knowledge of transistor circuits. Employs the new tapped variable Ferris-Loop and a specially designed miniaturized 365 uF variable capacitor for super selective tuning. Includes a Crystal Diode detector and a reliable transistor in a grounded emitter amplifier stage for maximum output. Will give good reception up to 50 mile radius with approx. 50 ft. antenna and a good ground. Complete with transistor, crystal diode, penlight battery, plastic case, variable capacitor, tapped Ferris-Loop, resistor, capacitors, a neat prepunched metal chassis that makes advancement to the 2 Transistor Kit easy-as-pie. With simple, detailed How-To-Do-It Instructions. Size: 3 1/2" x 2 1/2" x 1". Shpg. wt., 1 lb. Net 4.50

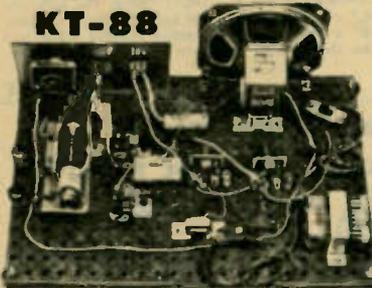
TWO TRANSISTOR POCKET RADIO KIT — KT-98

The 1 Transistor Pocket Radio Kit plus an additional resistance coupled transistor stage for increased sensitivity and greater output. Can receive even the weaker stations with an approx. 50 ft. antenna and ground. Includes all the KT-97 parts plus one transistor, 2 resistors, one capacitor and transistor socket. Complete with simple, detailed instructions. Size: 3 1/2" x 2 1/2" x 1-3/16". Shpg. wt., 1 lb.

KT-98 — Complete 2 Transistor Kit (less earphone) Net 5.95
 MS-111 — Crystal Earphone for KT-97 and KT-98 Net 1.49
 MS-260 — Super power high output dynamic earphone for optimum results. Net 3.95

LAFAYETTE EXCLUSIVE ADD-A-UNIT TRANSISTOR EXPERIMENTERS KITS

KT-88



NEW! PRACTICAL! PROGRESSIVE! Lafayette's transistor lab kits will introduce you to the new miracle of the electronic age — the transistor. You build practical operating units with both NPN and PNP transistors that teach you the fundamentals of transistor circuitry. Additional kits expand the usefulness of the basic kit without duplicating parts so you can economically carry on further experiments.

THE 5-IN-1 BASIC KIT

- BUILD A SIMPLE RECEIVER • BUILD A REGENERATIVE RECEIVER • BUILD A CODE TRANSMITTER
- BUILD A LIGHT-POWERED RECEIVER • BUILD A CODE PRACTICE OSCILLATOR

With the basic 5-in-1 Kit you can build any of these 5 projects. They are simple to assemble from the instructions and each in turn utilizes basic principles and some of the circuitry of the previous project. You build not only such basic units as receivers and code oscillator and transmitters but even a receiver operated by a sun battery! You learn to work with sub-miniature parts such as the exclusive Lafayette variable condenser that is only 3/16" thick by 1 1/4" square. Kit is complete with all parts, schematic, pictorials and instructions. Less headphone, tape and solder. Shpg. wt., 4 lbs.

KT-88 . . . 5-in-1 BASIC KIT Net 11.95
 CANNON EC-1 . . . HEADPHONE Net 1.13
 MS-368 . . . SENSITIVE MINIATURE EARPHONE Net 1.44

13-IN-1 EXPANSION KIT

- SENSITIVE PHOTO CELL RELAY • RAIN ALARM
- LIGHT-POWERED OSCILLATOR • ELECTRONIC RELAY
- SIMPLE PHOTO CELL RELAY • HIGH GAIN RECEIVER
- ELECTRONIC METRONOME • WIRELESS MICROPHONE

An exciting addition to the KT-88 kit to enable you to continue this fascinating and educational program of instruction, including the making of printed [etched] circuitry. The additional parts, diagrams and instructions (along with the parts in the basic 5-in-1 kit) cover the 8 added projects listed above. You'll be able to do such interesting things as broadcasting through your radio without connecting wires, detect moisture or rain, make light actuated relays and much more. And when you've done all these, you can look forward to more Lafayette expansion kits to increase the utility of the kits you already have. Kit is complete with all parts and instructions. Shpg. wt., 3 lbs.

KT-89 . . . EXPANSION KIT Net 7.50

24-IN-1 ADVANCED KIT

- HIGH GAIN REGENERATIVE RECEIVER • ELECTRONIC TIMER
- LIGHT BEAM RECEIVER • "ALL-FREQUENCY" SIGNAL GENERATOR
- CODE PRACTICE OSCILLATOR WITH LOUDSPEAKER
- LOUDSPEAKER OPERATED METRONOME
- DELUXE RAIN ALARM WITH SPEAKER
- MUSICAL LIGHT TOY • SOUND SWITCH • AUDIO AMPLIFIER
- "DELUXE" LOUDSPEAKER RECEIVER

Lafayette's latest challenging additions to the exciting new transistor ADD-A-UNIT KITS KT-88 and KT-89. Expand your knowledge of the thrilling transistor by building these enjoyable advanced practical operating units. You build an efficient Electronic Timer, specially useful for short intervals; a Speaker operated Metronome for comfortable musical practice; a "Musical Light" Toy that is fun for the children and will mystify guests at the house; a Sound Switch that will delight you as a TV commercial killer; a reliable Audio Amplifier for phone and public address operation; a "DELUXE" Loudspeaker Receiver that will surprise you with its performance, and many more! The parts supplied with this kit together with those in the KT-88 and KT-89 cover the 11 added advanced projects listed above. Complete with all parts and instructions. Shpg. wt., 5 lbs. Net 12.50

**SPECIAL
Combination
Price**

**KT-88
KT-89
KT-90
ALL 3 KITS FOR
29.95**

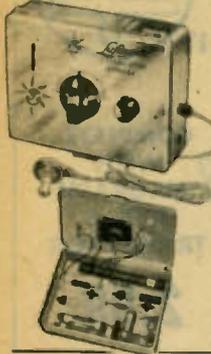
Combination Deal

Net **18.75**

KT-88 and KT-89 Kit bought together

POPULAR TRANSISTOR KITS

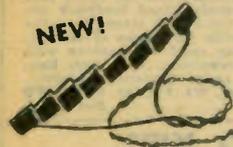
NEW! "SUNFLEX" 2 TRANSISTOR REFLEX RADIO RECEIVER KIT



- FOR SOLAR OR FLASHLIGHT BATTERY OPERATION
- NPN-PNP COMPLEMENTARY SYMMETRY CIRCUIT SUPER-REFLEXED FOR 3 TRANSISTOR PERFORMANCE
- BUILT-IN "HI-Q" FERRITE ANTENNA

An efficient and economical miniature receiver kit for earphone operation. Uses one NPN transistor, one PNP transistor and a crystal diode in an ingenious reflexed complimentary symmetry circuit for 3 transistor performance. Gives surprisingly good reception of local stations in most locations without external antenna or ground connections. Antenna plug-in lead supplied for reception of distant stations. Current drain is less than 1 milliamp. Operates on 2 inexpensive penlight flashlight batteries (3 volts) or will give lifetime performance in sunlight or under artificial light with use of amazing new silicon solar battery (not supplied). Ideal for the beach, ball games and other outdoor uses as well as for indoors. Complete with all parts, transistors, diode, perforated chassis, two-tone plastic case, batteries, wire, solder and easy to follow instructions. Size 4 1/4" x 3-5/8" x 1-5/8". Shpg. wt., 1 lb. **KT-132—KIT (less earphone).....Net 11.95**
MS-260—Super Power Dynamic Earphone.....Net 3.95

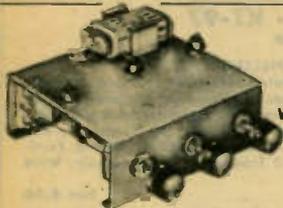
MIGHTY SUBMINIATURE "HELIODYNE" SOLAR SILICON BATTERY



- LATEST, MOST EFFICIENT TYPE OF SUN BATTERY
- USED BY ARMED SERVICES TO POWER ELECTRONIC EQUIPMENT

The most efficient type of solar battery yet developed to generate electrical energy from sunlight or from light rays from other sources. Rated 3.2 volts at 2 milliamperes. Ideal for operating Lafayette "Sunflex" Radio Receiver Kit or any other receiver drawing up to 2 ma at 3 volts. 1-1/16" L x 3/32" W.
MS-420—"HELIODYNE" SILICON SOLAR BATTERY.....Net 6.65

3 TRANSISTOR HI-FI PREAMPLIFIER KIT KT-117



With Volume, Bass and Treble Controls
WITH NEW GE 2N190 TRANSISTORS

Lafayette 3 Transistor Hi-Fi Preamplifier Kit KT-117 provides the voltage gain necessary for the operation of even the lowest level magnetic cartridges and microphones. It may be used with Hi-Fi equipment to provide stable, low noise preamplification with extremely low power consumption, zero hum and without any microphonics inherent in vacuum tube preamplifiers. It is ideal as a remote preamplifier since it is battery operated and can be connected by cable up to 175 ft. from associated equipment. It has its own Bass and Treble controls for improved quality of reproduction, and uses 3 quality audio transistors. Frequency Response is 20 to 20,000 cycles. 40 db maximum gain. Zero hum level; Noise level—approx. 48 db below 10 millivolts input for high impedance cartridges, better than 52 db below 2 millivolts for low impedance cartridges; Four Inputs: Three phono inputs—high output cartridges, high impedance variable reluctance cartridges and low impedance low output cartridges; Microphone Input. From 0.5 to 1 volt output; Controls—Phono—Microphone, Hi-Fi Level, Power-Volume, Base and Treble. Complete with all parts, transistors, pre-punched chassis, battery and detailed step-by-step instructions. 4 1/2" x 3 3/4" x 1 1/2". Shpg. wt., 2 lbs.

KT-117—Complete Kit.....Net 18.45

NEW! 4 TRANSISTOR TELEPHONE PICK-UP AMPLIFIER KIT



- FOR FAMILY AND BUSINESS GROUP LISTENING
- HI-GAIN AMPLIFIER FOR PHONO AND MIKE



Lafayette's new Super-Sensitive 4 Transistor Telephone Pick-up Amplifier with class "B" push-pull output for efficient speaker operation. Permits the whole family to enjoy phone conversations. Invaluable on long distance calls, as well as for group listening an business calls and conferences. No need for extension phones! Just place the pickup coil under the telephone cradle base, or in case of metallic base, near phone receiver and you'll marvel at how loudly and clearly the two-way conversation comes through the speaker. Uses transformer coupling for optimum performance. The kit comes complete with all parts including 4 transistors, 3 transistor audio transformers, speaker, volume control, an attractive ripple-finish metallic cabinet, a pre-cut metallic chassis that makes mounting and wiring of parts a "snap", wire and solder, less battery and pickup coil. Includes easy-to-follow illustrated instructions. Size 4 1/2" H x 4 1/4" W x 4 1/4" D. Shpg. wt., 3 lbs.

KT-131 Complete Kit Less Battery & Pickup Coil.....Net 17.95
BATTERY 9 Volts RCA VS305 or Equivalent.....Net 1.30
MS-16 Telephone Pickup Coil.....Net 2.95

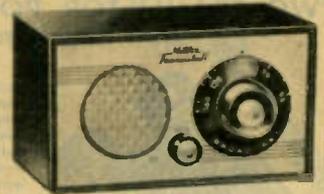
MILLER

NO. 555

ALL TRANSISTOR

SUPER-REFLEX

RECEIVER KIT



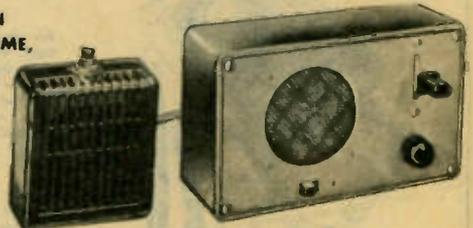
29.50

A smartly styled highly selective and sensitive 3 transistor speaker operated superheterodyne radio receiver "reflexed" for 4 transistor performance. Full 4 transistor performance is achieved by a unique circuit employing only 3 transistors and 2 crystal diodes. The circuit delivers approximately 25 milliwatts of audio to a heavy duty 2 1/4" permanent magnet speaker. The "555" features printed circuitry for ease of construction, automatic gain control, vernier tuning for easier station selection, an internal ferrite antenna, and a beautiful bakelite cabinet accentuated by a gold-colored front panel. All coils and transformers are factory adjusted. Battery will operate receiver for approximately 300 hours. Ideal for outdoor as well as indoor listening. Size 4" x 3 1/2" x 3 1/2" deep. Complete with detailed step-by-step instructions and pictorial diagrams.

MILLER No. 555 Kit—Less Battery.....Net 29.50
BATTERY—9 Volts Burgess 2N6 or Equivalent.....Net 1.30

4 TRANSISTOR INTERCOM AND BABY SITTER KIT

- EFFICIENT 2-STATION INTERCOM FOR HOME, OFFICE AND FARM.
- SAFE FOR BABY... NO ELECTRIC SHOCK... NO FIRE HAZARD!



Lafayette's new all-purpose 4 Transistor Intercom and Baby Sitter Kit KI-113 is excellent for office, home and farm, as well as for baby-sitting. Master unit has volume control and switch for private or baby-sitter 2 way operation. In private operation battery is used only when talk switch on master or remote station is activated. Insignificant battery power used while idling in baby-sitting operation. Instantaneous operation... no warm up time required. Superb for baby-sitting! No electric shock danger since there are no power wires. No fire hazard since there are no red hot tubes. So sensitive that even a baby's whimper can be clearly heard. No hum—no noise. Attractive plastic master unit 6 1/4" x 3 3/4" x 2". Remote unit consists of efficient speaker and switch housed in a 3-1/16" x 2 3/4" x 1 3/8" attractive maroon sound box designed for superior performance. Two station unit complete with 50 ft. of cable. Shpg. wt., 3 lbs.

KT-113 COMPLETE KIT.....Net 19.95

TRANSISTOR SPEAKER OPERATED CODE PRACTICE OSCILLATOR KIT



KT-118

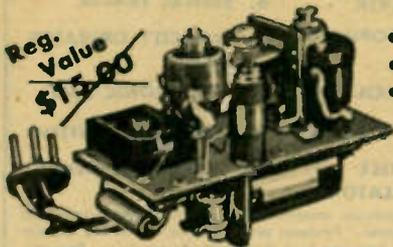
7.95

An Ideal Code Practice Oscillator for group and classroom code practice, as well as for those who prefer loudspeaker to earphone listening. This attractive unit incorporates a well designed transistor audio circuit with a variable control for varying the signal tone. You choose the pitch which is most pleasing to you. Ingeniously designed on a neat pre-punched metal chassis to fit around the magnet of an extra efficient speaker. All the components (except the key) are housed in a 3-1/16" x 2 3/4" x 1 3/8" attractive maroon colored sound box acoustically designed for superior speaker performance. You'll be delighted with the tone and volume of the signal. Complete with all parts, transistor, speaker, case, battery, and simple step-by-step instructions. 3-1/16" x 2 3/4" x 1 3/8". Shpg. wt., 1 lb.

KT-118—Complete Kit—Less Key.....Net 7.95
MS-319—Key for KT-118. Shpg. wt., 1/2 lb.....Net 1.25

RADIO Control Equipment

RADIO CONTROL RECEIVER



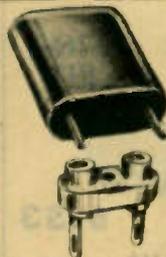
Reg. Value
~~\$15.00~~

- ASSEMBLED
- TESTED
- READY TO GO

SPECIAL!
8.95

A truly sensational value in a superbly designed and constructed hard-tube R/C receiver. Operates on popular exam-free 27.255 MC remote control band. Extremely efficient and dependable, this amazing receiver has more than adequate sensitivity for a range of approximately 1 mile. Outstanding for economy of operation, its minimum life with initial 354 tube is several thousand hours! Ingeniously constructed for unmatched stability of performance, and to withstand unusual vibration and shock. Requires one 1.5 volt A battery, one 45 volt B battery and 24" antenna lead. Size: 1 1/4" x 1-15/16" x 3". Weight 3.3 oz.

F-208 Net 8.95



27.255 R/C CRYSTAL

Used in remote control of model planes, boats, cars, etc. Low drift, high output. Tolerance .04%. Size 0.720" wide, 0.309" deep, 0.758" high. 1/2" between pins.

MS-296 Net 2.95

Crystal Socket: Low loss, ceramic socket for 27.255 crystals. Small light-rugged.

MS-297 Net .15

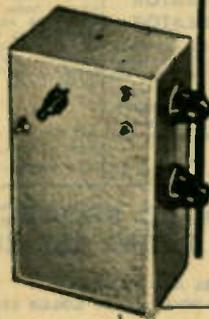
LORENZ REMOTE CONTROL TRANSMITTER KIT FOR MODEL PLANES, BOATS AND CARS

As Described in POPULAR ELECTRONICS

The Lorenz Remote Control Transmitter is a highly efficient instrument designed to operate on the license free "Citizen Band" frequency of 27.255 megacycles. The only F.C.C. regulation is that on F.C.C. form 505 (supplied with kit) be filled out and sent to the nearest F.C.C. office.

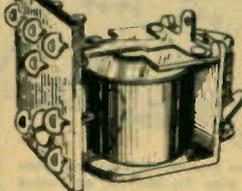
Designed for use with any "Citizen Band" remote control receiver such as Lafayette KT-84. Transmits signals which are picked up by the receiver for the purpose of remotely controlling model planes, boats, cars and other mechanical units. Its power output provides a wide range of control. Truly tops for value and dependable performance! Shpg. wt. 4 lbs.

KT-87 — Less Batteries Net 14.95
1—RCA VS069 Battery Net 53¢
2—RCA VS016 Batteries 2.45 Each Net 4.90



"JEWEL" REMOTE CONTROL RELAY

2.75



- 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 TO SAVE YOU MONEY.

F-260—Relay Net 2.75

RADIO CONTROL TRANSMITTER

ASSEMBLED — TESTED — GUARANTEED

- Not a Kit — Fully Wired —
- Includes Tube and 27.255 Mc Crystal • No License Examination Required! • Range 1 Mile and More!

Footproof, factory assembled and tested transmitter. Weighs only a scant 4 1/2 lbs. with batteries. Uses powerful 3A5 tube for all the range you need. Antenna is 4 ft. 6 in. long — six sections telescope down to 10 inches. Novel "plug-in" feature permits simple removal and replacement of antenna. Overall dimensions are 4" x 4" x 12", exclusive of antenna. Will operate any R/C receiver of 27.255 MC. Power output affords unusual range of control. Less batteries. Shpg. wt., 3 lbs. F-249 Net 14.95

Batteries for F-249 Transmitter
1—Burgess 2D or RCA VS069 Net, Each .53
2—Burgess XX45 or RCA VS016 Net, Each 2.28

SPECIAL COMBINATION OFFER

Consists of R/C Transmitter (F-249), and R/C Receiver (F-208)
F-259—Combination Net 22.90

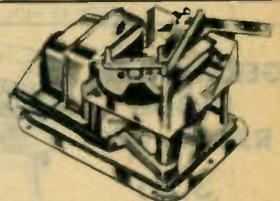
R/C MANUALS

BK-900 Model Control by Radio 1.00
BK-910 Radio Control Handbook 2.25



NEW! MULTI-PURPOSE ELECTRIC SERVO MECHANISM

- DESIGNED FOR HOBBYISTS — PRICED FOR HOBBYISTS
- 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 2 1/2" x 2" x 1 3/4" overall. Includes instructions and linkage to extend actuator arm. Shpg. wt., 8 oz.

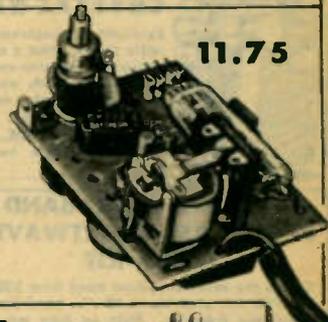
F-327 Net 5.95

TRANSISTORIZED RECEIVER KIT

- PLANES • BOATS • CARS
- THE MIGHTY MITE OF THE R/C FIELD!
- WEIGHS 1 OZ. • 100% SUB-MINIATURIZED!

Lafayette takes the lead in the popular R/C field with this super sensitive and efficient subminiature transistorized "Citizen Band" receiver kit. Operates on 27.255 MC and can be used with any "Citizen Band" remote control transmitter. A perfect mate for Lafayette Remote Control Transmitter Kit KT-87. Planned for compactness and sturdiness to withstand severe vibration and shock, yet weighs no more than 1 oz. 2-1/16" L x 1 1/2" W x 1-11/16" D, overall. Uses one 1-1/2 V and one 45V batteries. Battery size depends on size of model.

KT-84 11.75



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 7/8 oz. Size: 1-3/8" L x 2" W overall. Shpg. wt., 5 oz.

F-255 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 1-1/2 volt battery. Weighs 1-1/8 oz. Size: 2-7/8" L x 1-9/16" overall. Shpg. wt., 6 oz.

F-256 Net 3.95

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 3/4 oz. Requires 1-1/2 volt battery. Low current drain. Size: 1-5/8" x 1" x 3/4". Shpg. wt., 5 oz.

F-257 Net 3.45



EDUCATIONAL! PRACTICAL! FUN TO BUILD!

SHORT WAVE CONVERTER KIT

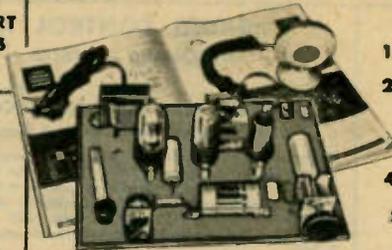


- LISTEN TO SHORT WAVE STATIONS
- POLICE CALLS—SHIPS—PLANES—HAMS
- FOREIGN COUNTRIES

Easily constructed—fascinating addition to any existing receiver. Converts any superheterodyne radio into a double superheterodyne short wave receiver. No electrical connection between radio and converter are used. A magnetic pick-up device is included for coupling the radio and converts electronically. Can be used with any loop or ferrite rod antenna. Receives all short wave broadcasts from 2 megacycles through 18 megacycles. Self contained power supply. Uses two flashlight cells and one 45 volt battery. Kit includes plastic case, 3A5 tube, variable condenser, chassis, hardware, front panel, set of plug-in coils and complete instructions. Shpg. wt., 2 lbs.

KT-123	Net	9.80
KT-77—Economy Antenna Kit	Net	1.05
Batteries for above 2-#2 cells	ea., Net	.10
1-XX30 45 volts	ea., Net	1.58

LAFAYETTE 10-IN-1 LAB KIT • EDUCATIONAL • PRACTICAL



You 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

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., 3 lbs.

KT-36A	Net	12.95
PHOTOELECTRIC CELL TYPE 868		2.85
AMPHENOL 77MIP4 SOCKET FOR ABOVE		.08
CANNON AM-15-1 1000 OHM SINGLE HEADPHONE		1.18

GERMANIUM DIODE RADIO KIT

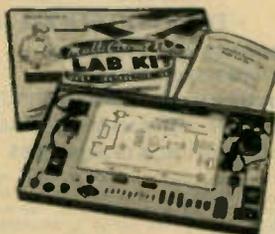
3.26



Real basic kit using the new germanium diode to build a highly sensitive radio set. Requires no batteries or power supply. Kit includes pre-wound coil, single gong condenser, germanium diode, board, template, headphone, knob, hardware and instruction book. Less wire. Shpg. wt., 2 lbs. **KT-43** Net 3.26

7-IN-1 RADIO LAB KIT WITH HEADPHONE

10.45



- ONE TUBE BROADCAST RECEIVER
- CODE BLINKER—LIGHT
- CODE PRACTICE KEY
- WIRELESS HOME BROADCASTER
- SIGNAL TRACER
- SINE WAVE GENERATOR
- WIRELESS CODE PRACTICE OSCILLATOR

With this smaller version of the 10-IN-1 kit, you can build any one of the 7 circuits. 16 Page instruction book shows pictorially how to wire quickly and easily and explains the basic operation of these circuits including many fundamentals of radio servicing. Perfect for electronically minded youngsters. Kit is complete with earphone, 6SN7 tube, board, power transformer, selenium rectifier, resistors, condensers and all necessary parts. Less wire. Shpg. wt. 4 lbs. **KT-42** Net 10.45



2-IN-1 KIT

6.53

- PERSONAL 1 TUBE RADIO
- WIRELESS HOME BROADCASTER

Requires no soldering. All wires and parts fit into clips. You can build a vacuum tube operated radio with volume control and on-off switch. Covers the broadcast band; or you can build a wireless home broadcaster with which you can broadcast your own voice thru any radio in the house within 50 ft.; or you can connect it to a phonograph and play records through your radio—without any connecting wires. Kit is complete with tube, variable condenser, pre-wound tuning coil, volume control, switch, board, template, instruction and earphone (which doubles as a microphone). Less batteries. Shpg. wt. 3 lbs. **KT-44** Net 6.53

BATTERIES

Kit uses one each.		
RCA #V8436—1½ volts	Net	.10
RCA #V8435—45 volts	Net	1.42

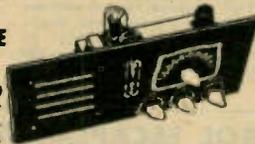
CRYSTAL RADIO KIT

Excellent for beginners. Provides basic radio theory. Not a toy. Kit includes a fully wound easy-to-use slide-coil, crystal detector, and cats whiskers. No soldering necessary—the only tool needed is a screwdriver. Shpg. wt., 1 lb. **PHILMORE 7000K** Net 1.18

AM-15-1—Single headphone for above. Net 1.18

PHILMORE DUAL BAND BROADCAST-SHORTWAVE RADIO KIT

Covers the entire Broadcast band from 550 to 1700 Kc. plus the 6-18 Mc band for Shortwave listening. Picks up Ham messages, foreign stations, etc. Excellent sensitivity provided by regenerative circuit. Simple picture diagrams, schematics and easy-to-follow instructions. With punched chassis—gray hammer-tone finish and rill-screened dials. Complete with hardware and 4" PM speaker. Less solder, wire and tubes. Tubes needed: 50L6GT, 12S7J and 35Z5GT. 12½" x 5¾" x 4¾". For 105-125 Volts AC or DC. Shpg. wt., 4 lbs. **Model 7001C** Net 12.90



AC-DC BROADCAST RADIO SET KIT

- COMPLETE WITH TUBES AND CABINET
- 16 Page INSTRUCTION BOOK plus 3D COLOR EYE-O-GRAMS

Not just ordinary schematic and pictorial diagrams, but a new simple method that makes building a cinch. 3 differently colored transparent sheets show the wiring for each circuit; each of these fit over a master chassis photograph. A master copy shows all 3 steps in individual colors—and when you're through you'll have a fine superb set covering 550 to 1600 KC. in modern brown plastic cabinet with built-in antenna. Size 9½x3½. Complete Kit with 3 tubes, cabinet, speaker, and all parts. Shpg. wt. 7 lbs. **KT-18** Net 17.10



17.10

PHILMORE CRYSTAL DETECTORS AND ACCESSORIES

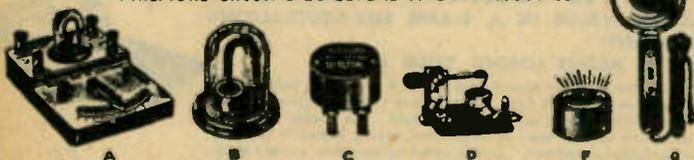


FIG. A. This crystal receiving set will bring in broadcasting stations loud and clear up to 25 miles away. Equipped with super sensitive crystal. **STOCK NO. 7001** Net 1.32

FIG. B. A high grade glass enclosed detector complete with super-sensitive crystal. **STOCK NO. 7008** Net .53

FIG. C. Fixed crystal detector, excellent sensitivity and permanently adjusted. **STOCK NO. 7002** Net .71

FIG. D. Crystal detector, provides quick and accurate adjustments on any point of crystal. **STOCK NO. 7003** Net .32

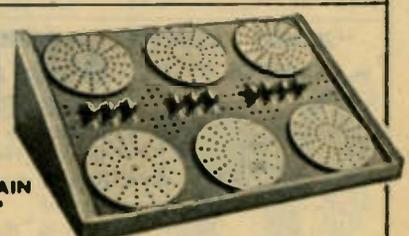
FIG. F. Highly sensitive galena crystal. **STOCK NO. 7004** Each .15 10 for 1.35.

FIG. G. Cuts in on broadcasts and permits person to talk or sing through the radio or speaker. Button switch cuts milk in and out of broadcast. Equipped with 9 ft. cord. **STOCK NO. 600M** Net .191

"GENIAC" THE FASCINATING ELECTRIC BRAIN KIT

- COMPOSES MUSIC
- AMAZING ELECTRIC BRAIN COMPUTES, "REASONS" PLAYS GAMES!

You build up of 33 exciting electric brain machines that test intelligence, code and decode, add, subtract, multiply and divide, play Tic-Tac-Toe, etc. solve puzzles, build a burglar alarm, reason in syllogisms, etc. No soldering required—so simple to construct that even a 12 year old can make a machine that will fascinate a scientist. Includes 200 page "Minds and Machines", 64 page "Simple Electric Brains and How to Make Them", Beginners Manual and complete wiring instructions. Attractive metal deckle finish. Complete with mounting rack and battery. 16½" x 11¾". Shpg. wt., 5 lbs. **KT-76** Net 19.95



SPECIALTIES for the EXPERIMENTER and HOBBYIST



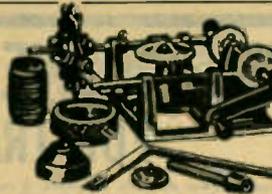
TRANSISTOR SINE-WAVE GENERATOR KIT

8.75

Reliable, compact transistorized test instrument! The pocket-sized audio signal generator! This generator can be a valuable test instrument in the hands of the experimenter or technician. With it he can service and check operation of P.A. systems, phonograph amplifiers, intercom systems and the audio section of auto sets, home radios and portables, size 3 1/2" x 2 1/4" x 1 1/4". Shpg. wt., 3 lbs. Kit comes complete with two transistors, metal cabinet, condensers, resistors, transformer etc. schematic diagram. **KT-83**.....Net **8.75**

DELUXE COIL WINDER WITH ACCESSORIES

4.95



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 forms and pegs. Wt. 8 lbs. **ML-43**.....Net **4.95**

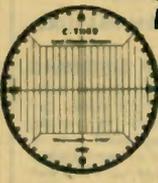
"MIGHTY MIDGET" MOTOR

- POWER AT YOUR FINGERTIPS!
- RECOMMENDED FOR INDUSTRIAL AND LABORATORY USE!

A midget motor precision built to engineering standards. Normal current consumption less than a flashlight bulb. Armature speed of 6000 RPM — runner shaft speed of 650 to 1000 RPM. Measures 1 1/2" x 1-11/16" x 1-3/16". Replaceable brushes—brass screw terminals. Operates on 3 to 6 volts D.C. Instantly reversible. Supplied complete with 7 to 1 reduction gears — pulley etc. Shpg. wt., 6 oz. **F-253**.....Net **2.95**



5" DIAMETER LAND MEASURE COMPASS



A transparent compass for use with aerial survey or topographic maps. Divided into four quadrants, each graduated from zero to 90 degrees. North and South are always zero points and East and West marked 90 degrees (based on principle of surveyor's compass). Printed red and black. Shpg. wt., 4 oz. **F-279**.....Net **1.15**

AMPHENOL PRINTED CIRCUIT CONNECTORS



Molded of Blue dielectric. High impact and tensile strength, low moisture absorption, high dielectric strength and high arc resistance. Width 1/8" less than 1/2" high. Ideal for termination of circuitry on printed boards. With standard contact.

Amphenol No.	No. of Contacts	Mtg. Ctrs.	Net Each
143-010-01	10	2.41"	1.70
143-015-01	15	2.93"	1.81
143-018-01	18	3.40"	1.96
143-022-01	22	4.83"	2.19

CAMBRIDGE THERMIONIC CORPORATION SLUG-TUNED COILS



For TV traps, broadband RF amplifiers, general HF circuits, etc. Coil bodies of LSM, LS3 and LS4 are HF paper base phenolic; LS5 and LS6 are ceramic. LS3 has larger slug and greater bandpass. LS4 for larger inductance and Q. Slugs tunable from either end. Locking feature. Sizes: LSM, 27/32x1/4" dia.; LS3, 1 1/4x3/4" dia.; LS4, 2x1/2" dia.; LS5, 1-1/16x3/8" dia.; LS6, 27/32x1/4" dia. Wt., 4 oz.

Type	Description	Net
LS3	Coil Form	.33
LS3	1 Mc Coil	1.02
LS3	5 Mc Coil	.92
LS3	10 Mc Coil	.95
LS3	30 Mc Coil	.90
LS3	60 Mc Coil	.90
LSM	Coil Form	.53
LSM	1 Mc Coil	1.00
LSM	5 Mc Coil	.95
LSM	10 Mc Coil	.90
LSM	30 Mc Coil	.90
LSM	60 Mc Coil	.90
LS4	Coil Form	.72
LS5	Coil Form	.70
LS6	Coil Form	.63

INSULATED COUPLING



Bakelite insulated coupling. Hub accommodates 1/4" dia. shaft which is held rigid by set screws. Shpg. wt., 2 oz. **MS-191**.....Net **.54**

LOW-LOSS CERAMIC COUPLING

Similar to above but low-loss ceramic for high voltage application. **MS-192**.....Net **.69**

MINIATURE SWITCH



Has 4 positions including OFF. Self contained wheel knob. 3/4" diam. x 1/2" deep. Quantity limited. **SP-88**—10 for **3.25** Singly, **.35**

MINIATURE AUDIO OUTPUT

- Weighs less than 1 oz.
- For Experimenters—Hearing Aids
- Only 7/8" h x 3/4" w x 5/8" d
- Primary 30,000 ohms—Low Impedance Sec.
- Matches CK 506 AX, CK 524 AX, etc.

QUANTITY LIMITED



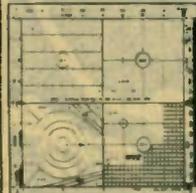
TR-46—In lots of 10, each.....**.39**
Singly, each.....**.49**
Shpg. wt., 2 oz.

RECTANGULAR AREA SCALE



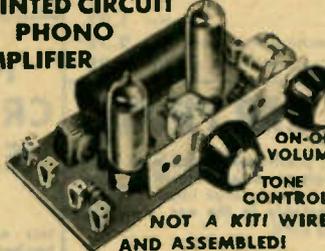
An opaque, laminated scale for engineers, laymen and surveyors with calibrations 1" equals 660' on one edge, and 1" equals 40 rods and 1" equals 10 chains on opposite edge. 8-5/16" x 1-1/16". Shpg. wt. 3 oz. **F-277**.....Net **.39**

4-SQUARE LAND MEASURE COMPASS



160 acre grid to 660 scale. Each 40 acre is two inches square. Calibrated with following easy to use scales: CHAINS—1" equals 10 chains; RODS—1" equals 40 rods, 1" equals 20 rods; FEET—1" equals 330 feet, 660 feet and 100 feet. Printed in red and black. 4 1/4" square. Shpg. wt. 3 oz. **F-278**.....Net **1.15**

PRINTED CIRCUIT PHONO AMPLIFIER



ON-OFF VOLUME TONE CONTROL NOT A KIT! WIRED AND ASSEMBLED!

High quality, miniature phono amplifier. Completely wired and assembled on a printed circuit chassis. Two tubes and selenium rectifier for AC-DC operation. Perfect for "do-it-yourself" phonos. Excellent results from any crystal or ceramic cartridge. Includes tubes—knobs—and instructions. Less output transformer. Shpg. wt., 1 lb. **PM-235**.....Net **3.95**

CAMBRIDGE THERMIONIC PRINTED CIRCUIT COIL FORMS



An internally threaded phenolic tube with collars and solder lugs, with powdered iron core that is adjustable from either end of the form. A simple vertical mounting by punching two to four holes in board. Winding area on form is 1 1/16" long. Types SPC1 have 5/16" core, Types SPC2 have 3/8" core.

Type No.	Tube Diam.	O.D.	Number of Lugs	Net
SPC1-A-2L	.219"	.356"	2	.39
SPC1-A-3L	.219"	.356"	3	.39
SPC1-A-4L	.219"	.356"	4	.39
SPC2-B-2L	.285"	.426"	2	.39
SPC2-B-3L	.285"	.426"	3	.39
SPC2-B-4L	.285"	.426"	4	.39

DIAL TYPE TELEPHONE INTERCOM

- DIAL-TO-RING
- OPERATES UP TO 1 MILE



Full size—standard telephone shape—battery operated—two station set. The loudest—clearest battery operated telephone available. Operates on easily replaced flashlight cells. No buttons to push for signaling or talking. Perfect for communications room to room—office to office—house and garage—hundreds of installations. Extremely rugged construction. Includes instructions and 50 ft. of wire. Less batteries. **ML-104**.....Net **5.39**

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**

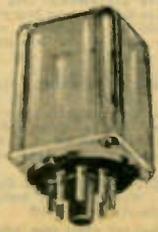
AMPHENOL COIL FORMS



High quality coil forms for the amateur, experimenter and builder. Outstanding performance in receivers and low power transmitters in the RF and UHF range. All plug in type except type 24 which mounts by 6-32 screw mtg. hole in base. Shpg. wt., 1 oz.

Type	Description	Size	Net
24-4P	4-Prong Std.	2 1/4 x 1 1/4"	.24
24-5P	5-Prong Std.	2 1/4 x 1 1/4"	.24
24-6P	6-Prong Std.	2 1/4 x 1 1/4"	.24
24-5H	5-Prong Min.	1-9/16 x 1 1/4"	.24
24-6H	6-Prong Min.	1-9/16 x 1 1/4"	.24
24	Form only No Prongs	1-9/16 x 3/4"	.09

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 1-13/16 x 1-13/32 x Project 2" above chassis. Shpg. wt., 4 oz. **MS-356**.....Net **.50**

MINIATURE EARPHONES AND ACCESSORIES



3.95

NEW! SUPER POWER DYNAMIC EARPHONE FOR TRANSISTOR CIRCUITS

- MADE IN ENGLAND
- THREE TIMES THE OUTPUT OF OTHER EARPHONES

This super-power dynamic earphone is not to be confused with run-of-the-mill earphones. Extra efficient construction and a powerful magnet provides up to three times the volume of other dynamic earphones. 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 superior performance wherever a high impedance dynamic earphone is required. AC impedance 7000 ohms, DC resistance 1500 ohms. Snap an earpiece readily removed for cleaning. Complete with 3 ft. detachable plug-in cord.

MS-260

Net 3.95

NEW! Argonne DYNAMIC EARPHONE

- NEW PATENTED FEATURES
- FLEXIBLE PLASTIC SUPPORT
- TRANSPARENT CASE AND CORD
- DETACHABLE PLUG-IN 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. A superior earphone which must be seen and heard to be appreciated! Shpg. wt., 5 oz.

AR-51 6 ohm impedance with phone tip plug.

Net 1.95

AR-50 3000 ohm impedance with phone tip plug.....

Net 1.95

AR-47 6 ohm impedance with subminiature phone plug and matching phone jack. Net 2.39

AR-46 3000 ohm impedance with subminiature plug and matching phone jack.....Net 2.39



ECONOMY ALL-PURPOSE DYNAMIC EARPHONES.

- 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.

As Low As \$1.10

MS-369 6 ohm impedance, with phone tip plugs. For silent radio or TV listening..... Net 1.10
MS-367 2000 ohm impedance, with phone tip plugs..... Net 1.25
MS-366 6 ohm impedance with subminiature phone plug and matching phone jack..... Net 1.29
MS-368 2000 ohm impedance with subminiature phone plug and matching phone jack..... Net 1.44

EARPHONE SUPPORT

A light, transparent plastic earphone support that fits comfortably around ear and is practically invisible. Earphone can't slip out nor fall off. Has 3/4" retaining hole for ear phone.

MS-280

Net 29¢



CRYSTAL EAR PHONE

Small, almost weightless, plastic ear phone with crystal element, that features high power and sensitivity. Ideal for all applications where a very high impedance unit is preferred. Fits comfortably in the ear. Complete with 3 ft. plastic covered cord.

CAN BE USED AS MICROPHONE

This unit is so powerful and sensitive that it can be used as a close-talking highly directional crystal microphone. Just screw off the ear-insert and your earphone becomes a mike to use for all sorts of experiments and gadgets.

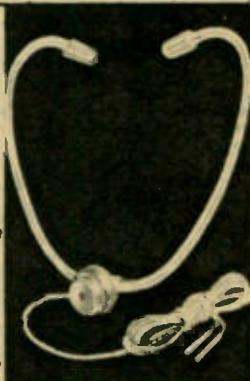
MS-111.....Net 1.19

NEW! CRYSTAL HEADSET

1.69

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.....Net 1.69



REMOTE CONTROL FOR SILENT TV VIEWING

- SIMPLE TO ATTACH TO ANY TV SET OR RADIO
- SEE AND HEAR—NOISELESSLY—CONVENIENTLY
- LOOK AT THESE FEATURES!

1. FOR LATE LISTENERS: One or two people can both see and hear the program with the loudspeaker cut off. Taps for enjoying the late-late show without disturbing the rest of the household or the neighbors.
2. 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.
3. FOR NOISY PROGRAMS: Don't let the kids' "Wild Westerns" bother you. Let them view and listen with the speaker cut off.
4. FOR NORMAL OPERATION: Does not affect your regular use of the T.V. set. Does not have to be disconnected from set.
5. 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.
6. 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.
7. CONVENIENT: Size only 3 1/2" 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

To plug in to extra jacks on control box so two can listen. AR-51.....NET 1.95

Another Lafayette First!

SUBMINIATURE PHONE PLUG AND JACK



25¢ per set

Latest and finest phone plug and jack available. Only 1" long x 1/4" diameter, overall. Highest quality styling and construction. Excellent for transistor and subminiature applications. Plug has removable sleeve. Jack can be mounted on panel up to 1/16" thick. Jack can be used for both open and closed circuits.

MS-370 Plug and Jack Set.....Net .25

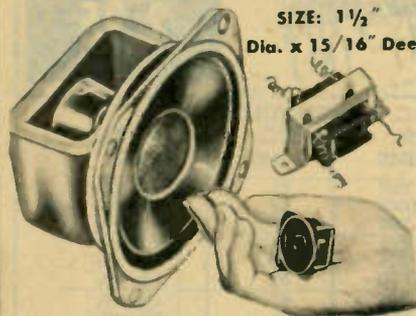
MS-281—Plug.....Net .17

MS-282—Jack.....Net .13

MINIATURE EARPHONES, HEADSETS & SPEAKERS

• Smallest PM Speaker Made •

FOR TRANSISTOR AND SUBMINIATURE CIRCUITS



SIZE: 1 1/2"
Dia. x 15/16" Deep

At last — the tiny super speaker you've been searching for! Experimenter's, kit builders, and circuit designer's delight for Transistor and subminiature receivers, amplifiers, and circuits. The smallest PM Speaker model Only 1 1/2" diameter by 15/16" deep. Alnico 5 magnet — 10 ohm voice coil — total weight only 1 7/8 oz. Surprising frequency range and output for its size. Mounts at front by four 1/8" mounting holes on 1-9/32" x 1-9/32" mounting centers. A true Lafayette first super value of this unbelievable low priced Shpg. wt., 6 oz.

SK-61 Net **1.49**

SPEAKER WITH OUTPUT TRANSFORMER

With 3/8" x 7/8" x 11/16" 3/4 oz. matching transformer — matches 2000 ohms to 10 ohm voice coil. (Suitable for most transistor outputs). Shpg. wt., 8 oz.

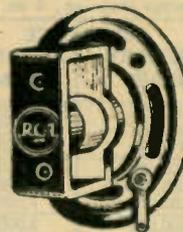
SK-62 Net **2.18**

• RCA 2 3/4" PM SPEAKER •



• REGULAR \$4.90 VALUE

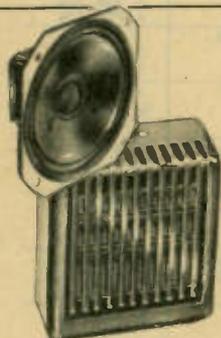
1.98



This is the same miniature speaker used in hundreds of thousands of personal portable radios! Leave it to Lafayette—to offer it at an unheard of price! A genuine RCA 2 3/4" PM speaker—oz. Alnico 5 magnet—12 ohm voice coil—total weight only 4 oz! Only 1 1/4" overall depth—prelapped for mounting. Just what you've been seeking for miniature equipment—receivers—amplifiers—intercoms—transistor circuits—wherever a really small, efficient speaker is needed! Shpg. wt. 8 ozs.

SK-39 Net **1.98**

2 1/2" PM SPEAKER AND BAFFLE



- IDEAL FOR MINIATURE WORK
- MIN. PLUG AND JACK CONNECTION
- CHOICE OF VOICE COILS

A highly efficient PM speaker and carefully designed baffle that makes an ideal combination for the experimenter. The speaker also makes an ideal replacement for many portable sets. Speaker is 2 1/2" square, 1 1/4" deep with mounting holes on 2" centers. Handsome maroon tough plastic baffle comes with built-in jack and min. plug for quick easy connections. Size of baffle 3" H x 2 3/4" W x 1 3/4" D. Shpg. wt., each approx. 1 lb.

SK-65 — Speaker only with 3-2 ohm V.C. Net **1.49**
SK-66 — Speaker only with 10 ohm V.C. Net **1.49**
MS-315—Baffle only Net **.75**

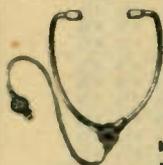
DYNAMIC PERSONAL SPEAKER



One simple "clip on" connection brings TV sound right to your ear — without turning volume above normal range. Hard of hearing viewers can sit at a normal distance from set. No blaring volume to annoy others. Just connect this miniature portable speaker to TV set—radio—or console. Virtually indestructible—light as a feather—only 3" in diameter and 7/8" thick. Furnished complete with 20 feet of wire, "clip-on" connections and instructions. Shpg. Wt., 1 lb.

SK-38 Lots of 3, Net **5.58**
Single, each **6.20**

TELEX MONOSET



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.

MODEL 4400 — 128 ohms Net **7.33**
MODEL 4425 — 2000 ohms Net **7.33**

MODEL 2843—128 OHM WITH VOLUME CONTROL Net **10.05**
MODEL 2841—2000 OHM WITH VOLUME CONTROL Net **10.05**

TELEX DYNAMIC PILLOW SPEAKER



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.

MODEL 8110 — 3.0 ohm List **10.20** Net **6.00**
MODEL 8130 — 10,000 ohm List **12.10** Net **7.11**

TELEX TWINSET

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.

MODEL 3791 — 64 ohms Net **12.35**



MODEL 3775—1000 OHM FOR PILOT USE (CAAT3R2-1) Net **12.35**

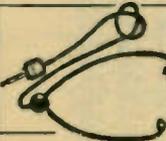
TELEX PILLOW SPEAKER



Only 2 1/4" diameter and only 3/4" 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.

MODEL 4500 — 128 ohms List **10.70** Net **6.29**
MODEL 4530 — 2000 ohms List **10.70** Net **6.29**

TELEX HI-FI DYNASET



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.

MODEL 6701 — 6 ohms — Complete List **14.75** Net **8.57**

TELEX CORD SETS



All are 5 ft. cords without volume controls. All fit Monoset, twinset, and magnetic pillow speaker except * fits dynamic pillow speaker.

Telex No.	Plug Type	Net
3280	Standard Phone Plug.	2.06
9200	90° miniature phone plug.	1.85
9225	Straight min. phone plug.	2.06
8555	Extension cord.	2.06
4230	Standard phone plug.	2.06

TELEX DYNAMIC SPEAKER-MICROPHONE



Truly an outstanding addition to the famous Telex line of miniature electronic equipment and parts. The new dynamic Speaker-Microphone Model 100 may be used as a speaker or a microphone and is only 1 x 1 x 3/4" in size. The advantages of miniaturization are amazingly combined with sensitivity and high quality dynamic performance.

Sensitivity—microphone with transformer: 52 db below 1 volt per dyne per sq. cm.; speaker: 124 db with 10 milli-watts of power input. Impedance—10 ohms. Construction—Weight 1 1/2 oz.; Size 1 x 1 x 3/4". Tough thermo-setting plastic and steel case.

MODEL 9155—less transformer Net **5.53**

MATCHING TRANSFORMER

A miniature external transformer miniature—Size 11/16" x 5/16" x 1/2"—is available at extra cost for matching Speaker-Microphone Model 100 to grid circuits.

MODEL 8918—Transformer Net **2.65**

RYE SOUND TRANSISTOR RADIO EARSET

Now, you can enjoy the convenience of listening to your transistor radio privately. Lightweight, highly efficient dynamic earsets, designed with the correct impedance value to match circuit of specific set listed. Each earset is equipped with the proper plug to fit the jack on the receiver. Reversible plastic earloop fits either ear and holds the earset in most convenient position. Earset can be removed easily from earloop. Cord and plug included.



MS-346—For Admiral Sets	MS-352—For RCA Sets
MS-347—For GE 5-Transistor Sets	MS-346—For Raytheon Sets
MS-348—For GE 6-Transistor Sets	MS-353—For Regency Sets
MS-349—For Magnavox Sets	MS-354—For Westinghouse Sets
MS-350—For Motorola Sets	MS-355—For Zenith Sets
MS-351—For Philco Sets	

Your Cost, Any Type Net **3.49**

LAFAYETTE TRANSISTOR RADIO EARSETS

EXACT DUPLICATE REPLACEMENTS FOR POPULAR SETS

Dynamic earsets with cord and plug properly matched to fit sets listed below.

For Admiral, DeWald, Hoffman, Motorola, RCA, Raytheon, Regency, Roland, Traveler, and Western Auto.

MS-378 Net **1.29**

For Philco and Zenith models 500 and 800.

MS-379 Net **1.44**

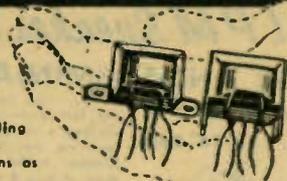
Argonne

TRANSISTOR TRANSFORMERS

CHOOSE FROM 77 TYPES-THE ONLY COMPLETE LINE OF QUALITY TRANSISTOR TRANSFORMERS

- 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 more power handling capacity and improved 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.



ANY TYPE

2.75 each
Lots of 10 Assorted

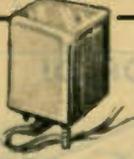
2.95 single, each

ARGONNE NUMBER	TYPE	IMPEDANCE		UNBALANCED CURRENT PRL D.C. MA	POWER MILLI-WATTS	D.C. RESISTANCE SEC.		OVERALL SIZE
		PRIMARY OHMS	SECONDARY OHMS			PRL OHMS	OHMS	
AR-141	Input	500,000	1,500 CT	.3	350	3500	60	1" x 3/4" x 3/4"
AR-142	Input	500,000	200 CT	.3	350	3500	20	1" x 3/4" x 3/4"
AR-143	Input	250,000	200 CT	.5	350	3500	20	1" x 3/4" x 3/4"
AR-144	Input	200,000	1,500 CT	.5	350	3000	65	1" x 3/4" x 3/4"
AR-100	Input	200,000	1,000	.0	100	3600	90	1" x 3/4" x 3/4"
AR-126	Input	150,000	1,500 CT	2.	100	3700	55	1" x 3/4" x 3/4"
AR-101	Input	100,000	3,000 CT	.5	100	3600	60	1" x 3/4" x 3/4"
AR-145	Input	100,000	2,000 CT	.5	350	3000	50	1" x 3/4" x 3/4"
AR-102	Input	100,000	1,500 CT	.5	100	3600	40	1" x 3/4" x 3/4"
AR-146	Input	100,000	50	.5	350	3000	1.6	1" x 3/4" x 3/4"
AR-127	Input	50,000	3,000 CT	1.	100	2000	50	1" x 3/4" x 3/4"
AR-128	Input	50,000	1,500 CT	2.	100	3000	50	1" x 3/4" x 3/4"
AR-129	Input	50,000	1,000	.0	100	2500	20	1" x 3/4" x 3/4"
AR-148	Input	50,000	500 CT	1.	175	1300	20	3/4" x 3/8" x 3/8"
AR-149	Input	50,000	200 CT	1.	175	1300	10	3/4" x 3/8" x 3/8"
AR-147	Input	50,000	30 CT	1.	175	1300	1.5	3/4" x 3/8" x 3/8"
AR-150	Input	40,000	100	1.	175	850	6	3/4" x 3/8" x 3/8"
AR-103	Driver	20,000	2,000 CT	1.	100	400	50	1" x 3/4" x 3/4"
AR-104	Driver	20,000	1,000	.0	100	400	50	3/4" x 3/8" x 3/8"
AR-151	Driver	20,000	800 CT	1.5	175	600	60	3/4" x 3/8" x 3/8"
AR-105	Driver	20,000	400	1.	100	600	30	1" x 3/4" x 3/4"
AR-130	Output	20,000	8	.5	100	400	0.6	3/4" x 3/8" x 3/8"
AR-131	Output	20,000	3.2	.5	100	400	0.3	3/4" x 3/8" x 3/8"
AR-106	Driver	16,000	4,000	1.	100	620	350	3/4" x 3/8" x 3/8"
AR-152	Driver	15,000	200 CT	1.5	175	550	10	3/4" x 3/8" x 3/8"
AR-107	Driver	15,000	200	1.5	250	1000	20	1" x 3/4" x 3/4"
AR-108	Driver	10,000	3,000 CT	.0	100	200	100	3/4" x 3/8" x 3/8"
AR-109	Driver	10,000	2,000	.0	100	500	50	3/4" x 3/8" x 3/8"
AR-153	Driver	10,000	200 CT	2.	175	400	10	3/4" x 3/8" x 3/8"
AR-110	Output	10,000	16	2.	150	600	2.5	3/4" x 3/8" x 3/8"
AR-132	Output	10,000	8	1.	100	600	.6	3/4" x 3/8" x 3/8"
AR-133	Output	10,000	3.2	1.	100	600	.3	3/4" x 3/8" x 3/8"
AR-154	Input	5,000 CT	80,000	2.	175	350	1800	3/4" x 3/8" x 3/8"
AR-157	Input	5,000	45,000	2.	175	250	1600	3/4" x 3/8" x 3/8"
AR-156	Input	5,000	30,000	2.	175	150	1300	3/4" x 3/8" x 3/8"
AR-155	Input	5,000	10,000	2.	175	150	450	3/4" x 3/8" x 3/8"
AR-154	Input	5,000	7,500 CT	2.	175	150	400	3/4" x 3/8" x 3/8"
AR-173	Driver	5,000	3,000 CT	2.	350	200	90	1" x 3/4" x 3/4"
AR-111	Output	5,000	100	1.	100	600	10	3/4" x 3/8" x 3/8"
AR-134	Output	4,000 CT	8	4.	250	150	.8	1" x 3/4" x 3/4"
AR-135	Output	4,000 CT	3.2	4.	250	150	.3	1" x 3/4" x 3/4"
AR-112	Output	3,500	200	1.	150	120	25	1" x 3/4" x 3/4"
AR-113	Driver	3,000 CT	1,000	9.	150	100	60	3/4" x 3/8" x 3/8"
AR-114	Output	2,500	11	10.	150	50	1.1	3/4" x 3/8" x 3/8"
AR-115	Input	2,000 CT	8,000 CT	.0	150	150	660	1" x 3/4" x 3/4"
AR-116	Output	2,000	200	4.	250	120	20	1" x 3/4" x 3/4"
AR-175	Driver	2,000	1,500 CT	2.	350	150	60	1" x 3/4" x 3/4"
AR-159	Driver	1,500	500 CT	4.	175	100	20	3/4" x 3/8" x 3/8"
AR-136	Output	1,000 CT	100	4.	250	120	10	1" x 3/4" x 3/4"
AR-137	Output	1,000 CT	8	4.	250	120	9	1" x 3/4" x 3/4"
AR-138	Output	1,000 CT	3.2	4.	250	120	3	1" x 3/4" x 3/4"
AR-160	Output	800 CT	3.2	5.	175	40	.3	3/4" x 3/8" x 3/8"
AR-161	Output	650 CT	16	5.	175	27	1.3	3/4" x 3/8" x 3/8"
AR-162	Output	500 CT	500 CT	5.	350	18	18	1" x 3/4" x 3/4"
AR-163	Output	500 CT	150 CT	5.	175	18	8	3/4" x 3/8" x 3/8"
AR-165	Output	500 CT	50	5.	175	18	4	3/4" x 3/8" x 3/8"
AR-117	Output	500 CT	30	.0	100	20	1.5	3/4" x 3/8" x 3/8"
AR-118	Output	500 CT	16	.0	100	20	1.5	3/4" x 3/8" x 3/8"
AR-164	Output	500 CT	8	5.	175	18	8	3/4" x 3/8" x 3/8"
AR-119	Output	500 CT	3.2	.0	100	20	3	3/4" x 3/8" x 3/8"
AR-166	Output	400 CT	16	5.	175	16	1.3	3/4" x 3/8" x 3/8"
AR-120	Output	400 CT	11	1.	150	20	9	3/4" x 3/8" x 3/8"
AR-167	Output	400 CT	8 or 3.2	5.	175	16	6.3	3/4" x 3/8" x 3/8"
AR-168	Output	300 CT	16	6.	175	12	1.4	3/4" x 3/8" x 3/8"
AR-121	Output	300 CT	3.2	.0	150	20	25	3/4" x 3/8" x 3/8"
AR-139	Output	250 CT	8	2.	250	15	.7	1" x 3/4" x 3/4"
AR-122	Output	250 CT	3.2	.0	150	11	.3	1" x 3/4" x 3/4"
AR-123	Input	200	2,000 CT	2.	150	11	50	1" x 3/4" x 3/4"
AR-124	Output	200 CT	16	.0	250	20	1.3	3/4" x 3/8" x 3/8"
AR-169	Output	200 CT	8 or 3.2	7.	175	9	6.3	3/4" x 3/8" x 3/8"
AR-140	Output	200 CT	3.2	2.	100	10	.3	3/4" x 3/8" x 3/8"
AR-170	Output	160 CT	8 or 3.2	8.	350	10	6.3	1" x 3/4" x 3/4"
AR-176	Output	125 CT	8	8.	350	4	.7	1" x 3/4" x 3/4"
AR-174	Output	125 CT	3.2	8.	350	6	.3	1" x 3/4" x 3/4"
AR-171	Output	100 CT	10 CT	10.	175	4	8	3/4" x 3/8" x 3/8"
AR-172	Output	48 CT	8 or 3.2	15.	350	2.3	6.3	1" x 3/4" x 3/4"
AR-125	Input	3	4,000	.0	250	14	50	3/4" x 3/8" x 3/8"

LAFAYETTE

Leads the Field in
TRANSISTORS

**Circuits Kits
& Components**



NEW ARGONNE HI-FI TRANSISTOR TRANSFORMERS

- DESIGNED FOR WIDE RANGE TRANSISTOR AUDIO AMPLIFIERS.
- 20-20,000 CPS ± D.25 DB

Completely enclosed 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: 1-15/16" x 1-15/16" x 1 1/4". 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.

AR-500 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.

AR-501 Net 5.75

MEISSNER IF TRANSFORMERS

Permeability tuned, lug mounted miniature IF transformers. All have 455 KC intermediate frequency, except * 262 KC. All units 1/2" square and 5/8" high, except 1 3/4" high.

IMPEDANCE

TYPE	PRI	SEC	APPLICATION	NET
16-9001*	20000	600	AJS	2.94
16-9002†	25000	600	AJS	1.65
16-9003	10000	500	AJ	2.94
16-9004	10000	1500	S	2.94
16-9007	80000	25	A	2.94
16-9008	30000	25	J	2.94
16-9009	30000	1000	S	2.94
16-9012	25000	250	A	2.94
16-9013	20000	150	J	2.94
16-9014	20000	1000	S	1.65



- APPLICATIONS:
- A—INPUT
 - J—INTERSTAGE
 - S—OUTPUT

MEISSNER 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.

TYPE	FIG.	TUNING CAP. uF	INDUCT. uH	SIZE	NET
14-9001	FF	98	880	5/32" x 3/4" x 2-5/8"	1.47
14-9003	FR	365	240	1/2" dia. x 7" L	1.47
14-9005	FF	123	667	5/32" x 3/4" x 3-1/8"	1.17
14-9009	FR	165	506	3/8" dia. x 7" L	1.76
14-9011	FR	73	1125	3/8" dia. x 5" L	1.76
14-9013	FR	123	667	3/8" dia. x 5" L	1.44
14-9015	IF	100-365	200-900	3/8" dia. x 2" L	1.03

NEW POWER TRANSISTOR AUDIO TRANSFORMERS

- DESIGNED FOR HIGH OUTPUT TRANSISTORS
- USED IN AUTO RADIOS — PA SYSTEMS — INTERCOMS — ETC.



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 1-9/16" x 1 1/8" x 1-9/16". Shpg. wt., 1 lb.

AR-503 Net 1.75

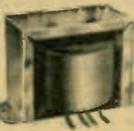
INPUT TRANSFORMER

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 1-9/16" x 1 1/8" x 1-9/16". Shpg. wt., 1 lb.

AR-504 Net 1.50

NEW! 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. Size 3-1/16" x 2 1/4" x 2-9/16". Shpg. wt., 3 lbs.

TR-94 Net 3.75

MEISSNER OSCILLATOR COILS



Popular broadcast frequency oscillator coils for replacement, hobby and experimental purposes.

TYPE	FIG.	TUNING CAP. uF	INDUCT. uH	SIZE	NET
14-9004	IF	365	140	11/16" dia. x 7/8" h	1.17
14-9006	SS	78	248	1/2" x 1/2" x 5/8" h	2.94
14-9010	IF	82	262	9/16" dia. x 1-1/8" h	1.17
14-9012	US	59	346	1/2" dia. x 3/4" h	1.47
14-9014	IF	98	207	11/16" dia. x 7/8" h	1.17

UTC DOTS . . . TRANSISTOR TRANSFORMERS

5/16" DIA. . . . 13/32" LONG . . . 1/10th OZ. WEIGHT. High power rating, excellent response, low distortion, high efficiency, moisture proof, rugged, anchored leads.



Type	Use	Level Mw	Pri. Imp.	Pri. Dc.	Sec. Imp.	Net
DOT-1	Interstage	50	30K; 20K	.5; .5ma	1200; 800	5.88
DOT-2	Output	100	600; 500	3; 3ma	60; 50	5.29
DOT-3	Output	100	1200; 1000	3; 3ma	60; 50	5.29
DOT-4	Output	100	600	3ma	3.2	5.29
DOT-5	Output	100	1200	2ma	3.2	5.29
DOT-6	Output	100	10,000	1ma	3.2	5.88
DOT-7	Input	25	200,000	0ma	1000	6.47
DOT-8	Reactor					4.70

3.5 Hys. at 2 MA. D.C. 630 Ohms DC

UTC SUBOUNCER AND SUB-SUBOUNCER TRANSFORMERS



For hearing aids, vest pocket radios, midget devices and other ultra-miniature equipment. Average frequency response 200-10,000 cps ± 3 db. High efficiency obtained through special nickel iron core materials and winding methods. Cellulose acetate insulation; 4 color-coded leads. SO dimensions: 9/16 x 3/8 x 7/8"; SSO, 7/16 x 3/4 x 3/4". Average shpg. wt. 2 oz. SO indicates subouncer units and SSO sub-subouncer. Fixed impedance ratio; 1250:1 for SO-1 and SSO-1; 1:50 for SO-3 and SSO-3; SO-5, 3000 ohms DC resistance; SSO-5, 4400 ohms.

SUBOUNCER TRANSFORMERS

Type	Use	Pri. Imp.	Pri. DC	Sec. Imp.	NET
SO-1	Input	200, 50	0	250K	2.94
SO-2	Audio, 1:3	10,000	0-2.5 ma	90K	2.94
SO-3	Pl. to line	10K, 25K	3, 1.5 ma	200, 500	2.94
SO-4	Reactor	30,000	1 ma	50	2.94
SO-5	Output	50 hys @	1 ma DC*	.5 ma	2.94
SO-6	Output	100,000	.5 ma	60	3.78
SO-7	Interstage	20K, 30K	.5; .5 ma	800, 1200	2.94
SO-8	Interstage, PP Sec.	10,000	1 ma	2,000 CT	3.53
SO-9	Output, PP	500 CT	0 ma	3.2	3.53

SUB-SUBOUNCER TRANSFORMERS

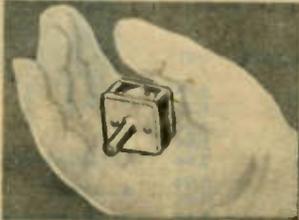
Type	Use	Pri. Imp.	Pri. DC	Sec. Imp.	Net
SSO-1	Input	200, 50	0	250K, 62.5K	4.41
SSO-2	Audio, 1:3	10,000	0-.25 ma	90K	4.71
SSO-3	Pl. to line	10K, 25K	3, 1.5 ma	200, 500	3.78
SSO-4	Output	30,000	1 ma	50	3.78
SSO-5	Reactor	50 hys @	ma DC*		3.78
SSO-6	Output	100,000	.5 ma	60	3.78
SSO-7	Interstage	20K; 30K	.5; .5 ma	800; 1200	2.94
SSO-8	Interstage, PP Sec.	10,000	1 ma	2,000 CT	3.78
SSO-9	Output	10,000	2ma	16	2.94
SSO-10	Output	10,000	2ma	3.2	2.94
SSO-11	Output	500; 600	3.5; 3.5	50; 60	2.94
SSO-12	Output	1K; 1.2K	3.3ma	50; 60	2.94
SSO-13	Crystal Input	200,000	0ma	1,000	4.41

NEW!
Revolutionary
Design

2-GANG
SUPER-HET
Variable
Condenser

Argonne
"POLY-VARI-CON"

THE SMALLEST VARIABLE SUPERHET CAPACITORS IN THE WORLD!
 Argonne "Poly-Vari-Cons"



365 MMF SINGLE GANG
SUPER-MIDGET
VARIABLE CONDENSER

The newest and one of the finest single gang variable condensers on the market. Designed to give exceptional performance in TRF and experimental circuitry. 10 to 365 mmf single gang. Tunes through 180°. Completely enclosed in plastic case. 5/8" x 1 1/4" x 1 1/4".

MS-274 Net 1.25

2-GANG

only

5/8" x 1-1/16"

Square!
 MS-270

1.95



Two-gang midget variable for top performance in transistor superhet circuits. Capacitance of antenna section, 10 to 208 mmf, and 10 to 100 mmf on the cut oscillator section. Self-contained trimmers. Tunes through 180°. Enclosed in transparent plastic case. Offers unlimited possibilities to the experimenter.

MS-270, 2-Gang Variable Net 1.95

NEW!

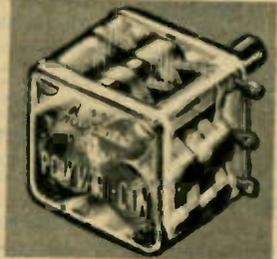
3-GANG

only

1 3/16" x 1-1/16"

Square!
 MS-345

2.95



For transistor receivers with an RF stage. Capacitance ranges: Antenna section, 11 mmf to 235 mmf; RF section, 11 mmf to 235 mmf; Oscillator section, 11 mmf to 111 mmf. Coil inductance: Antenna and RF, 352 microhenries each; Oscillator, 200 microhenries. Self-contained trimmers. Clockwise rotation; tunes through 97°

MS-345 Net 2.95

TRANSISTOR SUPER-HET
LOOP ANTENNA



The latest transistor loop antenna especially designed to match the input impedance of the RF stage in transistor super-het circuits. Requires maximum capacity of 208 mmf in RF section of variable condenser. Matched with the New Super Midget 2 gang variable condenser, MS-270 to give excellent sensitivity and selectivity through the entire broadcast band of 540-1650 kc. Wound on high efficiency iron core 3/8" dia. x 1/4" dia.

MS-272—Ant. Coil Each, Net .95

TRANSISTOR
OSCILLATOR
COIL



For 455 KC I.F. circuits. Matches MS-270 variable condenser when used with MS272 ant. loop; matches MS-261 variable cond. with MS264 ant. loop. Size 3/8" x 1".

MS-265 In lots of 6, Ea. 69¢
 Singly, Each 79¢

MATCHED TRANSISTOR 455 KC I.F.'S

*FERRITE CORE—SLUG TUNED *ONLY 1/2" SQ. x 3/4" H

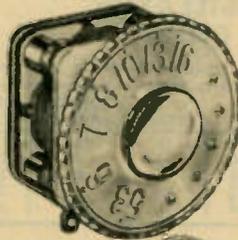
Products of the latest engineering research, these 455 KC transistor I.F. transformers are designed with improved ratios of primary to secondary turns and of capacity to inductance for perfect impedance matching. Exact research has proven that matching 1st and 2nd I.F.'s having a primary impedance of 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!

MS-268 1st and 2nd I.F. primary impedance 25,000 ohms, secondary 600 ohms .89
 MS-269 3rd I.F. primary impedance 25,000 ohms, secondary 1,000 ohms .89

NEW! ATTRACTIVE TUNING
DIAL FOR MINIATURE "POLY-
VARI-CON" CONDENSERS
1 1/2" DIAM.



Give your Transistor Receiver that professional appearance by dressing it up with this very attractive broadcast tuning dial. Specially designed for use with the famous Transistor "Poly-Vari-Con" tuning condenser. 1 1/2" diam. plastic dial neatly designed in ivory background with gold digits and trim or maroon background with silver digits and trim. Mounted on condenser shaft by a rich-looking, chrome-plated 5/8" diam. threaded retainer, centrally placed. You'll be amazed at the beauty this dial will add to your receiver! Knurled for easy activation.

KN-24—IVORY AND GOLD Net 45¢
 KN-25—MAROON AND SILVER Net 45¢

TRANSISTOR MINIATURE 2 GANG
SUPER-HET VARIABLE CONDENSER

ONLY 1 5/16" x 1 3/4" x 1-5/16"

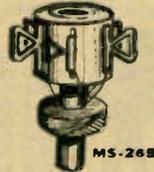
All the new miniaturized transistor operated sets such as GE, Regency, etc., are using this truly miniature 2 gang variable. Lightweight — both the frame and plates are aluminum. Smooth ball bearing action over entire 180° rotation. Bakelite stator insulation. Capacity of 11 plate R.F. section is 6.3 to 123.1 mmfd; 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. Frame size only 1 5/16" D x 1 3/8" W x 1-15/16" H. Shpg. wt. 5 oz.

MS-261 Net .95

TRANSISTOR LOOP ANTENNA AND OSC. COIL



MS-264



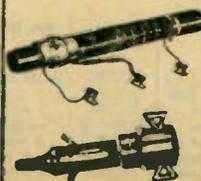
MS-265

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 sub-miniature 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 1/4" diam.

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.



A Transistor Loop Antenna with a fixed inductance loop; specially designed with 1/2" diameter Ferrite Rod to insure adequate signal to the first stage. Inductor is tapped to match on input impedance of 600 ohms. Frequency range 540-1650 Kc, when used with variable condenser having a maximum capacity of 365 mmfd. Dimensions 9/16" x 1 1/4".

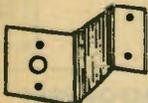
MS-166 NET 1.25

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 3/8" diameter hole. Dimensions 3/8" x 1 1/8" high.

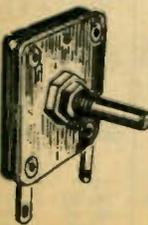
MS-165 Net 69¢

"POLY-VARI-CON" MOUNTING BRACKET



Designed especially for horizontal mounting of "Poly-Vari-Con" tuning condensers MS-270 and MS-274. Has two holes on top for mounting condenser and two holes in "L" shaped lip for mounting bracket. Size: 1-1/8" x 1-1/16" x 3/4".

MS-310 Net 29¢



MINIATURE 365 mmf
VARIABLE COND.

• ONLY 3/16" Thick

A new type of variable condenser that is ideal for the builder of miniaturized and miniature equipment. Capacity variable from 10 to 365 mmf. Single gang. Measures only 3/16" thick x 1 1/2" square. Bushing and shaft extend 1/4". 180° rotation.

MS-215 Net 69¢



LAFAYETTE SPECIALIZES IN MINIATURE PARTS FOR TRANSISTOR CIRCUITS



SUBMINIATURE VOLUME CONTROLS



For Transistor & Subminiature Tube Circuits with S.P.S.T. Switch Size 23/32" Dia. 1/2" Deep.

The ultra small volume control is a positive marvel of engineering skill. Designed with today's trend toward miniaturization, it forms a perfect complement to subminiature transistor and tube circuits. Switch rating 6.5 amp at 1.5 Volt, 2 amps of 45 Volt. Size: Dia 23/32"; only 1/2" deep.

With S.P.S.T. Switch

- VC-42 — 5,000 ohm
- VC-43 — 10,000 ohm
- VC-44 — 15,000 ohm
- VC-45 — 25,000 ohm
- VC-46 — 1/2 Meg
- VC-47 — 1 Meg

99¢ each

TRANSISTOR POTENTIOMETERS DIME SIZE



5/8" Dia.

For Transistor and Sub-Miniature Circuits Versatile carbon controls for audio, tone and similar applications; specially designed for Transistor and Sub-miniature circuits. Only 5/8" 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-33 5,000 ohms
- VC-34 10,000 ohms
- VC-35 15,000 ohms
- VC-24 25,000 ohms
- VC-36 50,000 ohms
- VC-37 1/2 Meg
- VC-38 1 Meg

49¢ each

WITH S.P.S.T. SWITCH

These Versatile Sub-Miniature Controls with S.P.S.T. switch ratings 1 amp at 20 Volts, 1/2 amp at 67 1/2 volts. Control was especially designed for Transistor and Sub-Miniature applications. Bushing 1/4" diameter and 1/8" long, includes nut and lock washer. Only 5/8" diameter 33/64" deep, shaft 1" diameter, 1" long. Shaft can be cut to desired length.

- VC-26 1,000 ohms
- VC-27 5,000 ohms
- VC-28 10,000 ohms
- VC-29 15,000 ohms
- VC-25 25,000 ohms
- VC-31 50,000 ohms
- VC-39 1/2 Meg
- VC-40 1 Meg

69¢ each

MS-185—Miniature Knob 5/8" Diam.—Net. 9¢

NEW 7" TRANSISTOR LOOP ANTENNA



A newly developed unit that is sure to be featured in many construction articles in the popular "how-to-do-it" magazines.

Provides superior gain for 5 and 6 transistor superhets where space is not at a premium. Properly tapered to match input impedance of transistor circuits. Covers entire broadcast band when used with miniature variable capacitor RF section having capacitance of 6.3 to 123.1 mmf such as Lafayette MS-261, and Lafayette MS-265 oscillator coil, to match 5.7 to 78.2 mmf oscillator section. A "Q" of over 400 is obtainable from windings on high efficiency ferrite core, 7" long x 1/2" diam. Shpg. wt., 6 oz.

MS-358.....Net 1.10

MINIATURE KNOBS

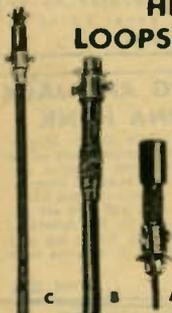


Plastic knob, only 3/8" diameter fits 1/8" shafts, for miniature components such as Ferril-loopstick, sub-miniature pots, etc.

MS-185.....Net 9¢

KN-19 Some as above but for 1/4" shaft and pointer Net .09
KN-22—1" diam. for 1/4" shaft.....Net .09

HIGH-GAIN LOOPSTICK ANTENNAS



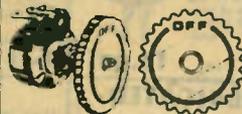
An excellent selection of highly efficient, low-cost, ferrite core antennas. Give high gain across complete broadcast band from 540 to 1600 KC when tuned with standard 365 mmf tuning condenser. Ideal as replacements for bulky, old-fashioned loop antennas on back of AM broadcast receivers. Give sensitive reception from all directions—you don't have to rotate your radio to pick up weak stations.

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 an entire broadcast band. Single hole snap-in mounting, plus mounting bracket. Equally efficient at any angle. 2 1/4" x 7/16". Shpg. wt., 4 oz.
MS-11.....In lots of 10, Each 36¢
Singly, Each 39¢

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 88¢

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 1.32

NEW! TRANSISTOR 5000 OHM POT WITH SWITCH, SLOTTED SHAFT AND KNURLED FLAT DIAL—3/8" DIAM.



New 5,000 ohm, 3/8" diam. subminiature volume control with ON-OFF switch. Ideal for transistor kit! Neat knurled plastic dial etched with "OFF" press fitted into 1/2" x 1/2" diam. slotted shaft. 1/2" body height, 1-1/16" 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 1/8" 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.
KN-23.....Net 12¢

TRANSISTOR FLAT FERRITE TAPPED ANTENNA COIL

• HIGH "Q" FOR MAXIMUM PICKUP
Latest super-sensitive Transistor Flat Ferrite Tapped Antenna Coils. Specially designed to match the low input impedance of transistor RF stages for maximum sensitivity and selectivity. Fixed inductance loops with large ferrite area for increased signal pickup and a "Q" of up to 350. Size: 5-1/4" L x 13/16" W x 3/16" Thick.

FOR USE WITH 208 µF CAPACITORS SUCH AS "POLY-VARI-CON" MS-270

Matched with the world's smallest transistor superhet variable capacitor MS-270 for excellent broadcast sensitivity and selectivity. 397 µH inductance.
MS-307.....Net 98¢

FOR USE WITH 123 µF CAPACITORS SUCH AS MS-261

Matched with MS-261, the popular transistor superhet variable capacitor used in sets such as G.E., Regency, etc. 760 µH inductance.
MS-308.....Net 98¢

FOR USE WITH 365 µF CAPACITORS SUCH AS MS-142

For use with 365 mmd. Variable Condensers such as MS-142, MS-274 and MS-215. Inductance 230 uh.
MS-309.....Net 98¢

TRANSISTOR FLAT FERRITE TAPPED ANTENNA COIL - FOR USE WITH MINIATURE SETS

Size 2 3/8" L x 3/8" W x 3/16" Thick

Flat Ferrite Tapped Antenna Coil, for transistor circuits. Small in size for miniature sets. Frequency range 540 to 1650 KC when used with 211 uuf tuning condenser, such as the Poly-Vari-Con MS-270. Inductance 397 uh.
MS-329.....Net .98

FOR USE WITH 365 uuf VARIABLE CONDENSER

Small in size, 2 3/8" L x 3/8" W x 3/16" Thick, for miniature circuits. For use with 365 mmd Variable Condensers, such as MS-142, MS-274 and MS-215. Inductance 230 uh.
MS-330 Transistor Antenna Coil.....Net .98

MILLER TRANSISTOR I.F. TRANSFORMERS



These transformers have been designed for use with the Roytheon 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. 25 K Sec. 600. Size: 1/2" sq. x 3/4" high.
No. 2041.....Net 1.76

MILLER TRANSISTOR LOOP ANTENNA



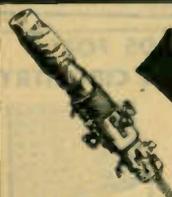
A fixed inductance loop with a large pickup field to insure adequate signal to the first stage. Inductor is tapped to match an input impedance of 600 ohms. Frequency range 540-1650 kc when used with a variable capacitor having a maximum capacity of 365 mmd. Size: 1 1/4" x 9/16".
No. 2000 Loop Antenna.....Net 1.62

MILLER TRANSISTOR OSCILLATOR COIL



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. Intermediate frequency 455 kc. Broadcast band 540-1650 kc. Padder .0004 mmd. Mounting clip fits into a 5/16" diameter hole. Size: 3/8" x 1 1/4" high.
No. 2020.....Net 1.32

TRANSISTOR TAPPED VARI-LOOP ANTENNA COIL



- BOOSTS SIGNAL PICKUP
- SUPER-SELECTIVE

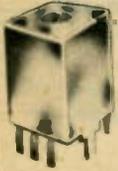
Transistor-wise Lafayette leads again with this new miniature tapped VARI-LOOP Antenna Coil. Specially designed for matching the low input impedance of transistors. Results in maximum transfer of signal energy from tuning stage when used with 365 to 420 µF variable capacitors, as well as in minimum loading 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: 2" x 3/8" diam. Shpg. wt., 4 oz.
MS-299.....Net 59¢



LAFAYETTE SPECIALIZES IN MINIATURE PARTS FOR TRANSISTOR CIRCUITS



NEW! MICRO-MINIATURE TRANSISTOR I.F.S



- 455 K.C. I.F. Transformers
- 3/8th inch square 9/16ths inch high
- Matching Shielded Oscillator Coil

Newest - smallest - I.F.S. available for transistor circuitry. Ferrite core - slug tuned - and only 3/8" square by 9/16" high. Engineered especially for transistor receivers. Impedances are perfectly matched for the best possible results. Includes diagram and instructions.

MS-340 1st and 2nd I.F. pri. 25,000 ohms - sec. 600 ohms Net 1.50

MS-341 3rd I.F. pri., 25,000 ohms, sec. 1000 ohms. Net 1.50

OSCILLATOR COIL: Matching, shielded oscillator coil. For use with Argonne Poly-Vari-Con (M-270) or Lafayette air variable (MS-261). Smallest shielded oscillator available for 455 KC I.F. circuits. Net 1.50

MS-342

NEW! POWERMASTER

CADMIUM SULPHIDE PHOTOCELL

A miniature crystal photocell that is ideal for actuating, counting, measuring photo-electric control. Acts as a resistor that varies with the intensity of light from over 1 megohm in total darkness to under 1500 ohms at 100 foot candles. Rapid response fast enough to operate relays in 1/10 second. Minimum current output 66 ma at 50 ft. candles at 90 Volts. Output varies with illumination intensity and applied voltage to as low as .08 ma at 1 ft. candle at 6 volts. Power dissipation 1/2 watt continuous, 2 watts for 5 seconds. Useable response to entire visible spectrum with peak sensitivity to blue-green light and good red response. Response to infra-red is low. Size 11/16" x 5/8" x 1/4".

CDS-10 Net 3.15

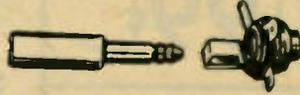
PLASTIC CASE FOR MINIATURE EQUIPMENT



Beautiful pocket sized modern streamlined case with rounded corners and removable snap-on cover. This is an ideal case 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 volume control and switch. In addition, there are two small phone. Experimenters, builders and hobbyists will want to stock 4 1/2" x 2 1/2" x 1 1/2". Shpg. wt., 6 oz.

MS-302 Net 95c

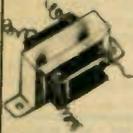
TELEX MINIATURE PHONE PLUG AND JACK



TELEX NO. 9231-PLUG 35
TELEX NO. 8570-JACK (Closed Circuit) 24
TELEX NO. 9240-JACK (Open Circuit) 24

1/3 the size of previous small plugs and jacks, yet with all the quality of precision workmanship. Plug is 1-7/32" long by 1/8" diameter. Jack can be mounted on any panel up to 1/8" thick.

TRANSISTOR OUTPUT TRANSFORMER



Only 5/8" x 3/8" x 1-1/16". 2000 ohm primary to 10 ohm voice coil. Matches most transistor outputs. Shpg. wt., 8 ozs.

TR-93 Net 69c

NEW! CLAIREX CRYSTAL PHOTOCELL TYPE CL-3

A cadmium selenide photoconductive cell extremely sensitive in red and near infrared spectral region. Acts as a resistor which varies with applied illumination from tens of thousands of megohms down to thousands of ohms. Can operate even with daylight or fluorescent light present. Works well in burglar and fire alarm systems, and may be used with either AC or DC. The median production sensitivity is 300 uA at 2 foot candles and 100V. Time constant is 1 1/2 milliseconds at 1 foot candle and 15 milliseconds at 100 foot candles and permits high speed applications without compensation. Very low dark current, and cell noise is of no consequence. Voltage maximum: 300V DC or peak AC Dissipation: 50 milliwatts. Ambient temperature -50 to +75°C. Size: 1/2" x 1/2" long.

CLAIREX CL-3 Net 3.50

SELENIUM PHOTOCELL

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 of output at 100 foot candles. 2 inches in diameter. Mounted in a handsome plastic case.

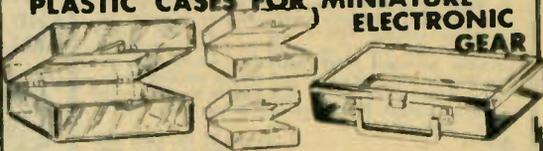
MS-152 - Photocell - Wt. 8 oz. 11.03

NATIONAL FABRICATED LIFETIME SILICON SOLAR CELL

The first device to convert useful amounts of the sun's energy directly and efficiently into electricity. Conversion efficiency remains essentially constant even in poor light. Measures up to 0.5 volt on open circuit under direct noon sunlight, and converts solar energy to electrical power at a rate up to 10 mw. Permanent life-time p-n junction. Will operate on infra-red light. Only 1 1/2" dia. x 3/16" thick. Shpg. wt., 4 oz.

Type SI-A 7.84

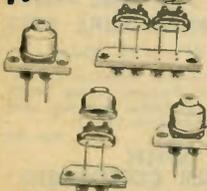
PLASTIC CASES FOR MINIATURE ELECTRONIC GEAR



Here's here! The miniature cases you've been clamoring for! Perfect for transistor, sub-miniature and miniature amplifier, preamplifier, receiver, transmitter, oscillator, printed circuit, etc. housing. Sturdy polystyrene case without partitions. New ball-type hinge that permits removal of cover. Crystal clear to facilitate inspection and servicing. Removable covers without hinge. Hinged cover not removable. Av. shpg. wt., 6 oz.

STOCK NO.	SIZE L x W x H	NET	STOCK NO.	SIZE L x W x H	NET
MS-156	1 1/2" x 2 1/4" x 1"	.09	MS-161	4 3/8" x 2 3/4" x 1"	.30
MS-157	2 1/8" x 1-3/16" x 1"	.12	MS-162	4-15/16" x 3-9/16" x 1 1/4"	.32
MS-158	2 1/8" x 2 1/4" x 1"	.15	MS-163	5 1/8" x 1-5/16"	.35
MS-159	3 1/8" x 2 3/4" x 1"	.18	MS-164	5 3/4" x 3 1/8" x 1 1/8"	.22
MS-160	4 3/8" x 2 1/4" x 3/4"	.20			
MS-298	3 1/4" x 3 3/4" x 1 1/8"	.18c			
MS-300	7 1/8" x 5" x 1 1/8"	.89c			

NEW!



TINY PLUG AND JACK

Lafayette is first to bring you this miniature plug and jack combination. Ideal as input and output terminals in transistor and subminiature receivers, hearing aids, etc. Extremely small convenient phenolic plug 13/32" dia. matching flat bakelite socket 3/32" dia. Socket has two 3/32" mounting holes. A super value combination.

MS-283 - Plug Net 12c
MS-284 - Jack Net 10c
MS-285, 2 plug Jack - 1 1/8" long, 3/8" wide Net 12c

SHURE 1 INCH MIKE



Specially designed for miniature "build it yourself" equipment, transistor - type devices, hearing aids, etc. Controlled reluctance type. Output level - 71 db. Impedance 1000 ohms. Heat-humidity - shock proof. Muv metal shield. 1" diameter.

SHURE MC-11 NET 7.35

NEW! ... SHURE 1 INCH RECTANGULAR MIKE



Experimenters' delight! 1" rectangular controlled reluctance microphone. Ideal for transistor hearing aids, amplifiers, etc. 1100 ohms impedance; output level - 75 db. Resistant to heat, humidity; shock proof.

SHURE MC-20 Net 7.35

MINIATURE VOLUME CONTROL



3/8" DIAMETER QUANTITY LIMITED

Only 3/8" Diameter, overall depth approximately .4" including threaded shaft. Ideal for miniature radio, hearing aids, etc.
VC-18 - Range 0-500,000 audio taper . 39c
VC-19 - Range 0 to 1 Meg. linear taper 39c
VC-20 - Range 0 to 3 Meg. audio taper 39c
In Lots of 10 - \$3.25

AMPHENOL POLYSTYRENE SHEETS



Superior results in AC, DC, RF including VLF, UHF and SHF applications. High dielectric strength, extremely low loss. Excellent for dial & gauge glass use. Easy to cut.

TYPE	SIZE	WT.	NET
19-0628	4" x 8" x 1/16"	3 oz.	.20
19-0938	4" x 8" x 1/32"	2 oz.	.24
19-1258	4" x 8" x 1/64"	1 oz.	.36
19-1878	4" x 8" x 1/16"	8 oz.	.46
19-2508	4" x 8" x 1/4"	8 oz.	.50

MASONITE BREADBOARD

Ideal for Kit Builders
Tempered masonite board with holes spaced 1/2" apart to facilitate mounting of parts.
Size: 7-27/32" x 11-27/32" x 1/4" thick.
ML-81 Net .25

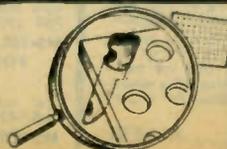


PERFORATED BAKELITE BOARDS FOR TRANSISTOR AND SUBMINIATURE CIRCUITRY

Sturdy, perforated high grade bakelite boards providing ideal base for builders and experimenters to mount miniaturized components. Ideal for transistorized and subminiaturized circuits. Available in three convenient sizes, all of which are 1/16" thick, have holes of 1/16" diameter with 3/16" between hole centers. For contacts, the MS-263 flea clips listed below are ideal.

MS-304	2-7/16" x 3 1/2"	Net .25
MS-305	3-11/16" x 6 1/2"	Net .40
MS-306	7-3/8" x 6 1/2"	Net .75

FLEA CLIPS FOR TRANSISTOR AND SUBMINIATURE CONTACTS



"Flea" clips are specially designed for subminiature work. Fit perfectly in holes in MS-262 board. Made of beryllium copper, silver plated finish. Simply insert wire thru hole for positive grip contact.
MS-263 Package of 12 Net 25c

COMPONENTS FOR THE ENGINEER • EXPERIMENTER • BUILDER

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 m15 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: 1-11/16" D x 1 1/2" W x 1-5/16" H. Standard mounting holes front and rear. Brass contact wiper. For superhet circuits with 456 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 2-3/16" D x 1-13/16" W 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 1-3/16" D x 1-5/16" H x 1 1/4" W. MS-214 Net 73¢

TUNING DIAL AND KNOB



Attractive dark maroon plastic push-on knob with gold insert calibrated for AM broadcast band. Fits 3/4" shafts such as MS-141, MS-142, MS-214, and MS-241. Fluted, tapered rim 1 3/8" dia. Back protrudes 3/16". KN-26 Net 29¢

B & W MINIDUCTORS



Air wound, polystyrene insulation. Easily cut to size. All are 2" long except 1" diameter or 3".

	4 Turns	8 Turns	16 Turns	32 Turns	
Diam.	Type	Type	Type	Type	Net
1/2"	3001	3002	3003	3004	36¢
3/4"	3005	3006	3007	3008	45¢
1"	3009	3010	3011	3012	54¢
	3013	3014	3015	3016	60¢

BAKELITE CASES

SMALL CASE

Ideal for building test equipment and small electronic devices. Overall size 6 1/4" x 3 3/4" x 2" D. Walls 1/8" thick. Rounded corners have recessed threaded inserts for mounting panel. MS-216 in lots of 3, each ... 59¢

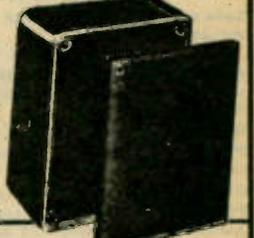
Singly, each 65¢

LARGE CASE

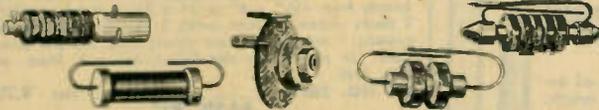
Same as above with overall size 6 3/4" x 5 1/4" x 2 1/4" with walls 5/32" thick.

MS-218 each 1.20

MS-219 Panel for above each .60



POPULAR R.F. CHOKES FOR EVERY PURPOSE



Long-standing favorites with the amateur, the engineer and the serviceman, these National and Meissner R. F. chokes offer exceptional service in transmitter, receivers, test equipment, etc. National R-33 chokes are 2-section, R-50 chokes are 3 and 4 section. National R-175 is especially satisfactory in transmitters with plate supply up to 3,000 volts modulated or 4,000 volts unmodulated. "U" following National type number indicates removable standoff insulator at one end. Meissner chokes are wound on specially treated dowels. National chokes use isolatite forms. Average shpg. wt., 2 oz.

NATIONAL RF CHOKES

Type	Mh+	Mc	Ohms	Net	Type	Mh+	Mc	Ohms	Net
R-100	2.5	125	50	.39	R-300ST	2.5	300	10	.45
R-100	5	125	50	.39	R-33	10*	75	1.0	.39
R-100	10	125	50	.39	R-33	50*	75	4.0	.39
R-300	1	300	10	.43	R-33	100*	75	5.5	.39
R-100U	2.5	125	50	.47	R-33	1*	850	.06	.39
R-100U	5	125	50	.47	R-33	750*	75	17	.39
R-100U	10	150	50	.47	R-50	2.5	50	41.5	.39
R-300U	1	300	10	.47	R-50	.5	100	16.2	.39
R-100S	2.5	125	50	.47	R-50	1	100	22	.39
R-100S	5	125	50	.47	R-50-1	10	100	30	.60
R-100S	10	125	50	.47	R-60	2*	500		.39
R-300S	1	300	10	.47	R-154	1	600	6	1.97
R-100ST	2.5	125	50	.45	R-154U	1	600	6	1.58
R-100ST	10	125	50	.45	R-175A	.225	800	6	3.49

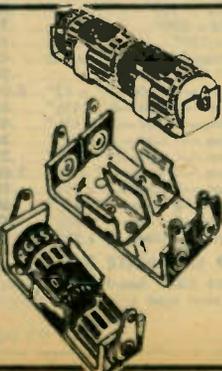
*Microhenries + Millihenries

MEISSNER RF CHOKES

Type	Mh+	Mc	Ohms	Net	Type	Mh+	Mc	Ohms	Net
19-5584**	5.5	20	62	.76	19-2330	30.0	20	160	.76
19-5588**	8.0	30	77	.76	19-2347	60.0	20	258	.82
19-5592**	30.0	20	165	.88	19-2709	80.0	16	372	.82
19-5594**	60.0	16	318	1.18	19-6834++	2.5	20	22	.68
19-5596**	80.0	16	342	1.18	19-6840++	10.0	20	50	.85
19-1994	2.5	20	40	.53	19-6842++	30.0	20	114	1.00
19-4551	5.5	20	58	.53	19-6844++	60.0	12.5	247.5	1.16
19-2078	8.0	20	75	.53	19-6846++	80.0	15	258	1.29
19-8770	10.0	20	83	.53	19-6848++	125.0	75	330	1.62
19-1995	16.0	20	108	.53					

+ + Iron core type **Shielded + Millihenries

TRANSISTOR BATTERY HOLDERS



STOCK NO.	DESCRIPTION	NET	STOCK NO.	DESCRIPTION	NET
MS-137	For 1 77, VS074 or 912	.20	MS-178	For 2 of the above	.37
MS-138	For 2 of the above	.37	MS-183	For 1 2Z, 2U20, 413, VS085, or BM413 B	.28
MS-169	For 3 of the above	.44	MS-184	For 2 of the above	.37
MS-170	For 4 of the above	.57	MS-225	For 1 Y10 or 504	.20
MS-139	For 1 2Z, VS034, Y15, ZM19, RM502R, RM12B	.20	MS-383	For 2 of the above	.37
MS-181	For 2 of the above	.37	MS-384	For 1 Y20 or 506	.28
MS-380*	For 2 of the above	.44	MS-385	For 1 K10 or 417	.28
MS-171	For 3 of the above	.44	MS-386	For 1 K15 or 420	.28
MS-182	For 4 of the above	.57	MS-387	For 1 U10, VS083, 411 or BM411B	.28
MS-173	For 1 2Z, VS035, TR238R, E233 or 933	.24	MS-388	For 1 RM401R or E 401	.20
MS-174	For 2 of the above	.37	MS-389	For 2 of the above	.37
MS-381*	For 2 of the above	.44	MS-390	For 3 of the above	.44
MS-175	For 1 2Z, D, Z1, 950 or RM42B	.24	MS-391	For 1 BM1R or E1	.28
MS-176	For 2 of the above	.37	MS-392	For 1 BM3R or E3	.28
MS-382*	For 2 of the above	.44	MS-393	For 1 RM4R or E4	.28
MS-177	For 1 U15 or VS084	.24			

These Battery Holders were especially designed for use in transmitter and sub-miniature electronic gear. are made of Aluminum Alloy, sturdy construction with insulated, nickel plated Brass eyelets for easy soldering. All multiple holders mount batteries side by side except items marked * mount end to end.

MINIATURE VARIABLE CONDENSERS HAMMARLUND APC MICROS



Used in all classes of equipment where a compact, high quality variable condenser is required. Has high leakage resistance, and resistant to temperature, moisture and vibration effects. Straight line capacitance. Hex collar on slotted shaft for rotor and screwdriver adjustment. Air gap is 0.015" nominal. Shpg. wt., 4 oz.

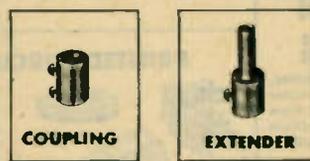
Type	MAX MMF	MIN. MMF	Plates	Net
APC-25	25	3.0	7	1.15
APC-50	50	3.9	14	1.21
APC-75	75	4.8	20	1.29
APC-100	100	5.8	27	1.41
APC-140	140	6.7	37	1.68

HAMMARLUND MAPC MINIATURE VARIABLE CONDENSERS

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 25/32" W x 13/16" H. Shpg. wt., 4 oz.

Type	Max. MMF	Min. MMF	Plates	Net
MAPC-15	15	2.3	6	1.17
MAPC-25	25	2.6	10	1.20
MAPC-35	35	2.9	14	1.23
MAPC-50	50	3.2	19	1.32
MAPC-75	75	3.9	29	1.44
MAPC-100	100	4.5	38	1.71

SHAFT FITTINGS



COUPLING

EXTENDER

Brass couplings and extenders for variable condensers, rotary switches, controls, and other rotary actuated devices. Diameter of extender or coupling may be equal to, greater than, or less than diameter of shaft extended. Extender shaft length, 3/4" overall length, 1/4". Average shpg. wt., 4 oz.

Stock No.	Description	Size	Each
MS-201	Coupling	1/4" x 1/4"	15¢
MS-202	Coupling	3/8" x 3/8"	15¢
MS-203	Coupling	1/2" x 1/2"	15¢
MS-204	Extender	1/4" x 1/4"	18¢
MS-205	Extender	3/8" x 3/8"	18¢
MS-206	Extender	1/2" x 1/2"	18¢

MIDGET TRIMMER



GUO type MT-633. Popular 3 to 36 mmf. trimmer used for oscillator tracking, antenna coupling, and interstage coupling. Ceramic base. Shpg. wt., 2 oz. C-738 Net 15¢

MICA TRIMMERS AND PADDERS



Base of low-loss ceramic. Clear India mica dielectric. Specially treated for resistance to humidity and for retention of capacity setting. 1-7/32" x 3/4" x 1/4" in size. 1-7/32" mtg. cir. Capacity ranges derived from 3 turns open to tight setting. Average shpg. wt., 2 oz.

Stock No.	Wt.	Plates	Net
C-731	2-30	1 1/2	.21
C-732	4-80	2	.34
C-733	9-180	3	.26
C-734	25-280	4	.29
C-735	45-360	5	.32
C-736	70-480	6	.35
C-737	100-680	7	.41

EXTENSION RODS

For 1/4" dia. extensions
 MS-106 - 6" Brass 18¢
 MS-107 - 6" Phenolic 18¢
 MS-108 - 12" Brass 35¢
 MS-109 - 12" Phenolic 28¢

PANEL BEARING ASSEMBLY

Use with rigid or flexible coupling when mounting. For up to 5/16" panels.
 MS-103 - 3" long, 1/4" shaft 28¢
 MS-104 - 4" long, 1/4" shaft 28¢
 MS-105 - 6" long, 1/4" shaft 34¢
 MS-106 - Bearing only 8¢

PRINTED CIRCUITS • MINIATURE PARTS

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 and scraper and printed circuit service manual. Shpg. Wt. 2 lbs.

GC-680 KH Net 5.73

ECONOMY KIT

Some as above but less the pure silver print.

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.

GC-14-2 Net 1.15

PRINT-KOTE SOLVENT. For removing silicon resin or to thin it. 2 oz. bottle.

GC-13-2 Net .32

PRINT-KOTE SOLDER. Non-corrosive flux with low melting solder combined with pure silver. 2 oz. coil.

GC-9131 Net .44

PRINT-KOTE SILVER PRINT. Pure silver compound. Air drying. Used to repair printed circuit "wires" and touch up connections. 1/2 Troy oz.

GC-21-1 Net 2.13

SOLDER-AID PROBE. Special fine point. Stainless steel. Solder won't stick.

GC-9093 Net .97

BRUSH AND SCRAPER. Stainless steel brush and steel scraper. Indispensable repair tool for printed circuits.

GC-9094 Net .97

K-27 PRINT COAT. Clear silicone resin in 6 oz. spray can. Insulates and protects.

GC 14-6 Net 2.13

TRANSISTOR SOCKETS

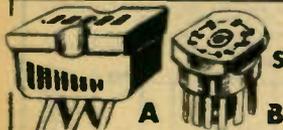


• A LIFESAVER FOR YOUR TRANSISTORS!

Transistors may be damaged by the heat of soldering. The utilization of these specially developed transistor sockets prolongs the life of your transistor. Molded from mica-filled low loss bakelite. Silver plated beryllium copper contacts. *For printed circuits. Size is overall.

Stock No.	Type	Cont.	Size	Net
MS-275	A	3	15/32"x11/32"x7/32"	.19
MS-253	A	5	15/32"x11/32"x7/32"	.19
MS-252	C	5	1/4" x 3/16"x3/8"	.22
MS-149*	B	5	1/4" x 3/16" x 3/8"	.22

SUBMINIATURE SOCKETS



Used in all subminiature radios, hearing aids and electronic devices that require subminiature tubes. Mica-filled low-loss bakelite. Silver-plated beryllium copper contacts. Shpg. wt. 2 oz. Size is overall.

Stock No.	Type	Cont.	Size	Net
MS-253	A	5	15/32"x11/32"x7/32"	.19
MS-254	A	6	13/32"x7/32"x9/32"	.19
MS-255	A	7	31/64"x7/32"x5/32"	.22
MS-256	B	8	13/32"x7/16"	.39

NEW! 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 Net ea. .25

Net ea. in lots of 10. .22

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

EL-TRONICS HUMIDITY SENSING ELEMENT

New — highly accurate — extremely stable humidity sensing element. Varias bios on cantaldrum grid of vacuum — 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 punctured electrodes on each face. 3/4" x 1 1/2" x 1/16". Includes Specs—curves—sample circuiting. Shpg. wt., 4 oz.

MS-327 Net 8.00



FERRITE ANTENNA CORES

• FERRAMIC 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 1/8"	.30	3.24
MS-332—Rod 7 1/2" x .33"	.48	4.76
MS-333—Rod 7 1/2" x 1/2"	.65	6.98
MS-334—Strip 7 1/2" x 3/4" x 1/8"	.59	6.40

LITZ WIRE

Belden #8817—7/41 stranded per 100 ft. Net .24

PRINTED CIRCUIT SOCKETS



TRANSISTOR SOCKET (A). 5 contact. For use 3 contact in line types. CK-722, 2N107 etc. 1 3/32" x 17/64" x 1/2".

MS-149 Net .22

MINIATURE TUBE SOCKET (B). General purpose phenolic socket. Rapid mount. Snap action contacts.

MS-150 7 pin Net .13

MS-151 9 pin Net .20

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). Wafer 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

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 a 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 box.

INDUSTRIAL KIT

Contains 12 copper clad boards in sizes from 9" x 12" to 2 1/4" x 3", 3 of which are clad on both sides; 10 assorted 7 and 9 pin miniature printed circuit sockets; 1 gold-plated, bery-copper 10 contact connector; 5 packs etchant solution; 1 tape resist 1/16" wide; 1 bottle liquid resist; 1 photo sensitive emulsion developer and dye; 5 dozen assorted brass eyelets; a carbon steel drill. In plastic box size 13 1/2 x 9 1/2 x 2 1/2. Shpg. wt. 5 lbs.

KIT NO. 5004P Net 27.00

TECHNICIANS KIT

Contains 8 copper clad single faced and 2 double faced boards from 4 1/2" x 6" to 3" x 2 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 1/4 x 6 1/2 x 2. Shpg. wt. 1 lb. 5 oz.

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 1/2" x 3" to 3" x 2 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 1/4 x 1 3/4 x 4. Shpg. wt. 8 oz.

KIT NO. 5001P Net 3.75

SCREEN PRINTING KIT

Provides accurate, rapid means for producing multiple circuit models. Provides resist patterns for circuitry, labeling locations, numbers, dials, trademarks, etc. Contains ready mounted silk screen, base, squeegee, 4 oz. etch resist, paddle, photo stencil sheets, instructions, brochure. In plastic case 9" x 13" x 2". Shpg. wt., 5 lbs.

KIT NO. 5006P Net 27.00

NEW! "BALL POINT" RESIST KIT • BALL POINT TUBE DEPOSITS RESIST LINE 2 MILES LONG!

Make resist patterns directly on copper clad board. As easy to use as a ball point pen. Deposits line 1/16" wide. No need to "lay-out" colors of resist for color coding of circuiting. 5 rolls of pressure sensitive tape and die cut dots.

#5111 Net 10.95

Liquid resist ball point tubes are available in various colors. Yellow, green, blue, red, brown, black and orange.

PRLT—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.

Type No.	Description	Net ea.
PE-3	Etchant—6 ozs.	.50
PE-5	Etchant—Pt.	1.25
PE-7	Etchant—Qt.	2.25
PEY-1	Eyelets—.062 D. x .093 L.—2 Doz.	.20
PEY-2	Eyelets—.062 D. x .125 L.—2 Doz.	.20
PRT-1	Tape Resist 1/32 x 320"	.85
PRT-2	Tape Resist 1/16 x 320"	.75
PRT-4	Tape Resist 1/8 x 320"	.90
PRTD-6	Tape Resist Circles 3/16" D. quon. 40...	.40
PR-L	Liquid Resist—1 oz.	.50
PC-A	XXXX Copper Lam.—1 side—9" x 12"—2.00	2.00
PC-B	XXXX Copper Lam.—1 side—6" x 4 1/2"	.60
PC-C	XXXX Copper Lam.—1 side—3" x 4 1/2"	.40
PC-D	XXXX Copper Lam.—1 side—2" x 4 1/2"	.40
PC-E	XXXX Copper Lam.—1 side—3" x 2 1/4"	.35
PC-AA	XXXX Copper Lam.—2 sides—9" x 12"	3.00
PC-BB	XXXX Copper Lam.—2 sides—6" x 4 1/2"	.90
PC-CC	XXXX Copper Lam.—2 sides—3" x 4 1/2"	.60
PC-DD	XXXX Copper Lam.—2 sides—2" x 4 1/2"	.45
PC-EE	XXXX Copper Lam.—2 sides—3" x 2 1/4"	.40

COPPER CLAD LAMINATE KIT

Consists of six each of the XXXP boards listed except PC-A and PC-AA. Makes most used sizes readily available. Shpg. wt. 6 lbs.

KIT NO. 5160 Net 21.90

KEYS-HEADSETS-CRYSTALS-SUNBATTERIES

SPECIAL VALUE CODE KEY

1.25



A typical Lafayette value. This key has an adjustable arm, with all metal parts heavily plated. Has spring action, smooth bearings, and silver contacts. Base is phenolic. A real value. Shpg. wt., 8 oz. Net 1.25
MS-319

JOHNSON KEYS AND PRACTICE SETS



Fig. A. Standard Model. Heavy die cast base. Black wrinkle finish. Smooth adjustable bearings. $\frac{1}{8}$ " coin silver contacts. Adjustable tension and spacing. Shpg. wt., 2 lbs. Model 114-310.....Net 3.01

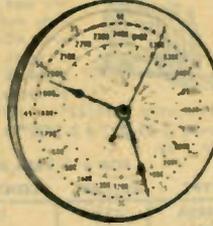
Fig. B. Heavy-Duty Model. Adjustable steel bearings and spring design give light keying touch. The key arm is chrome plated. Large $\frac{1}{4}$ " coin silver contacts. Well insulated for heavy-duty service. Heavy die cast base has black wrinkle finish. Shpg. wt., 2 lbs. Model 114-320.....Net 4.61

Fig. C. Practice Key. All metal parts except the base are nickel plated. Key is designed for the average beginner. Has adjustable key arm, spring and bearings. Contacts are $\frac{1}{4}$ " coin silver. Molded phenolic base. Shpg. wt., 8 oz. Model 114-300.....Net 2.20

Fig. D. Code Practice Set. Key and buzzer mounted on a 4" x 6" bakelite base. Adjustable buzzer tone. Silver contacts. Uses 2 dry cells or "C" battery. Shpg. wt., 2 lbs. Model 114-450.....Net 4.80
High Frequency Buzzer. Buzzer only as used on set above. Requires 3 volts. Shpg. wt., 5 oz. Model 114-400.....Net 1.81

24 - HOUR STATION CLOCK

• Tell world-wide time at a glance!
• Ideal clock for the amateur, short-wave listener and for commercial stations.



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. Has black hands with red sweep second hand. 6" dia. rotating inner dial, frictionally attached to hour hand, in red and blue. Shows time directly in all time zones. Simply set hour hand and inner dial for your time-zone, then read the time in any zone easily, quickly, accurately. 10" dia. For 110-120 volt, 60 cycles, A.C. Shpg. wt., 4 lbs. ML-82—Net including excise tax.....14.85

B2M SUN BATTERY

International Rectifier's Sun Battery requires no external voltage source for operation. Average sun-light will generate a 2 ma current under a 10 ohm load. Can be connected directly to a milliammeter and used as a light measuring device. Can be used in series or series-parallel as power supply for transistorized equipment. Typical applications are—direct conversion of light to electricity—spectrophotometers—light measurement—traffic control—headlight dimmer—burglar alarms—flares—colorimeters—garage door opener—light beam communication. Specifications: .724" x .443" x .040" 60 micro amps at 100 ft. candles with 55 ohm load. .5 volt in average sunlight. .25 volts at 100 ft. candles. Complete with $\frac{1}{8}$ " mtg. bracket and 6" leads. MS-112.....Net 1.47

INTERNATIONAL SELENIUM SUN BATTERIES CONVERT NATURAL OR ARTIFICIAL LIGHT TO ELECTRICAL POWER ECONOMICALLY!

The International Sun Battery supplies electrical power to a load when exposed to sunlight or artificial light sources, and is especially processed for high illumination level and high current density operation. Mounted on bracket with 6" color coded pigtail leads attached. Impregnated for protection against humidity and atmospheric contaminants. The SB sun batteries are sealed in a phenolic case with plastic window, and mount by four holes in the frame.

TYPE	OVERALL DIMENSIONS INCH BY INCH	TYPICAL OUTPUT POWER FOR OPTIMUM MATCH TO LOAD						
		2000 foot candles		5000 foot candles		10,000 foot candles		
		Volts	MA	Volts	MA	Volts	NET	
1B2PLB	0.72x0.44	0.24	1.0	0.25	2.0	0.26	3.5	2.10
1B5PLB	1.44x0.64	0.24	3.0	0.25	6.0	0.26	10.0	3.20
1B10PLB	1.69x0.88	0.24	5.0	0.25	10.0	0.26	17.0	4.00
1B15PLB	1.69x1.69	0.24	9.0	0.25	18.0	0.26	30.0	7.00
1B20PLB	2.0 x 2.0	0.24	12.0	0.25	23.0	0.26	37.0	10.00
1B30PLB	3.25x3.25	0.24	32.0	0.25	60.0	0.26	100	23.00
SB-16B10	4.8 x 8.1	4.0	5.0	4.0	18.0	4.0	18.0	80.00
SB-8B13	4.8 x 8.1	2.0	9.0	2.0	18.0	2.0	30.0	75.00

B-15 PHOTOCELL—750 UA average output at 100 ft. candles illumination and 100 ohm external resistance. 1-11/16" x 1-11/16". Unmounted. Net 5.80
B-15 PHOTOCELL

CRYSTAL SOCKETS



NATIONAL SOCKETS (A)

These Staetle 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.

Type	Pin	Spacing	Each
CS-8	.125"	.750"	.35
CS-6	.095"	.486"	.35
CS-5	.125"	.500"	.35
CS-7	.050"	.486"	.35

MOSLEY CRYSTAL HOLDER ADAPTORS (B)

Mosley 5-75 adapts $\frac{1}{4}$ " spaced holder to $\frac{3}{8}$ " spacing. MS-320.....Net 34c
Mosley 75-3 adapts $\frac{3}{8}$ " spaced holder to socket with $\frac{1}{2}$ " spacing to octal socket. MS-321.....Net 34c

BLILEY CRYSTALS



Type AX-2. Most popular with hams. Acid-etched quartz. Stainless steel electrodes. Pin size: .093" spaced .386". Accuracy of .002%; drifts less than .0002% per degree centigrade. Specify frequency desired when ordering. 3500-1000 kc 2 kc.....Net 2.89
7000-7425 kc 2 kc.....Net 2.89
8000-9000 kc 2 kc.....Net 2.89
14-14.5 mc 30 kc.....Net 3.87

Type MC-9. Suggested primarily for use in Signal Generators and for test equipment such as FM and IF marker generators. Size: 1-11/16" x 13/16" x 7/16". Pin size .093" spaced .486". The plug-in type holder is gasket sealed for optimum protection against moisture. Bliley MC-9—5000 kc .02%.....Net 3.87

POPULAR MIDGET JACKS

Quality jacks with excellent springs for positive electrical contact. Mount in 3/8" diam. hole. For standard 2 and 3 conductor plugs.

Stock No.	Type	Ea.
MS-316	Open circuit—2 cond.	.19
MS-317	Closed circuit—2 cond.	.23
MS-318	Open circuit—3 cond.	.29

HEARING AID 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 LOUD-SPEAKER CALL.

DC-2	4.70
SP-1—Same but with single phone	3.38
K-4—3-way switch only	1.85

ECONOMY ANTENNA KIT

Ideal for small crystal, diode and transistor broadcast and shortwave sets. 50 ft. 7 x 26 bare copper aerial wire, 25 ft. rubber covered lead-in wire, 10 in. window lead-in strip, 2 antenna and 2 stand-off insulators. Simple printed instructions. Shpg. wt., 2 lbs. KT-77.....1.05



"CANNON-BALL" DOUBLE HEADSET
Low-priced, lightweight, with powerful Alnico V magnets and double coils. Adjustable steel headband. 4 1/2 ft. cord.
AM-15-2—2000 ohms D.C.....2.06
AM-15-3—3000 ohms D.C.....2.20
AM-15-5—5000 ohms D.C.....3.09

"CANNON-BALL" SINGLE HEADSET
Single, efficient phone with spring steel headband. 4 1/2 ft. cord.
AM-15-1—1000 ohms D.C.....1.18
AM-15-1500—1500 ohms DC.....1.32

BRANDES "ADMIRAL" HEADPHONES
"Matched-tone" headset. Large diaphragms. Double coils, chrome steel magnets. Adjustable steel headband. 4 1/2 ft. cord.
BA-2—2000 ohms.....2.44
BA-3—3000 ohms.....2.73
BA-5—5000 ohms.....3.53

BRANDES "SUPERIOR" HEADPHONES
"Matched-tone" headset of some general construction as the "Admiral" but with terminals on the outside.
BS-2—2000 ohms.....2.44

THE USE OF SELENIUM PHOTOCELLS & SUN BATTERIES

The first handbook and guide on Photocells and Sun Batteries for kit builders, experimenters, technicians and engineers. Contains charts, diagrams, specifications—the complete story of Photo cells and Sun Batteries and their application. 74 Pages—Illustrated 6"x9".....1.50
Write for FREE Reprint of "BUILD A SOLAR-POWERED RADIO"

PHONE AND SPEAKER CORDS 4 1/2 Feet Long

Sturdily made, with cotton braid insulation. 4 1/2 feet long.
MS-35—Double type. 1 end spade tip, other straight......42
MS-36—Double type. Pin tips both ends......42
MS-37—Ring type. Pin tips both ends......33

MINIATURE PLUG AND JACK

Two-conductor precision arm type. Needs no screws; molded plastic case cements together. Ideal for hearing aids, speaker extensions, etc.
MS-40—Plug only (Type PL-291).....Each .36
MS-41—Jack only (Type JK-48).....Each .40

POPULAR PHONE PLUGS

For 1 or 2 phone with speaker cords. Molded bakelite shell 2 1/4" L x 1/4" dia. Screw terminals.
MS-38—Black.....Each .32

STANDARD PHONE TIPS

Heavily plated. Takes up to No. 18 wire, 1" long.
MS-39.....10 for .12 100 for 1.00

HEADPHONE CUSHIONS FOR ALL PHONES

Made of soft rubber for comfortable listening and for earphone protection. Fit all types of headphones.
MS-34.....Pair .82 10 Pairs for 7.38

POTTER AND BRUMFIELD RELAYS

"PR." HEAVY DUTY POWER RELAYS



Will start motors up to 1 HP and high heater loads up to 20 amps. Continuous duty type. Operates on only 2 watts DC and 10 VA AC. Larger copper shaded pole piece prevents AC chatter. Pure silver contacts rated 20 amp. (double break) 15 amp. (single break), 115 volts AC non-inductive load. Average size 2-9/16" x 2 1/2" x 2-7/16" high. Average shpg. wt. 12 oz.

FOR 115 Volts 50/60 Cycles, AC U.L. APPROVED

TYPE	ACTION	CONTACTS	AMPERES	NET
PR3AY	SPST*	NO	20	3.87
PR5AY	SPDT		15	4.07
PR7AY	DPST	NO	15	4.56
PR11AY	DPDT		15	6.03

FOR 6 Volts, 50/60 Cycles, AC U.L. APPROVED

TYPE	ACTION	CONTACTS	AMPERES	NET
PR3AY	SPST*	NO	20	3.87
PR5AY	SPDT		15	4.07
PR7AY	DPST	NO	15	4.56
PR11AY	DPDT		15	6.03

FOR 110 Volts DC

TYPE	ACTION	CONTACTS	AMPERES	NET
PR3D	SPST*	NO	20	4.46
PR5D	SPDT		15	4.65
PR7D	DPST	NO	15	5.14
PR11D	DPDT		15	6.61

FOR 6 Volts DC

TYPE	ACTION	CONTACTS	AMPERES	NET
PR3D	SPST*	NO	20	3.87
PR5D	SPDT		15	4.07
PR7D	DPST	NO	15	4.56
PR11D	DPDT		15	6.03

*Normally open *Double break contact

"KL" MULTIPLE CONTACT TYPES



Especially suited for multiple switching in industrial applications where space is limited, such as machine tools, conveyors, automation circuits, etc. Pure silver contacts rated 5 amp. at 115V 50-60 cycles AC non-inductive load. High dielectric phenolic insulation. Average size 2-1/32" x 1-7/16" x 1-15/16" high. Come with AC coils rated at 6, 12, 24 and 115V AC or DC coils rated at 6, 12, 24 and 110V DC. Specify model and coil voltage when ordering. Average shpg. wt., 4 oz.

Type	AC Model	Net	DC Model	Net
SPDT	KL5A *	3.53	KL5D	3.33
DPDT	KL11A	4.36	KL11D	4.21
3PDT	KL14A†	4.90	KL14D	4.70
4PDT	KL17A	5.78	KL17D	5.49

*No 12 or 24V AC

†No 12V AC

GUARDIAN SERIES 200 (UNIVERSAL)



Consists of a coil assembly, a contact assembly, plus a contact parts assortment for making switching combinations up to 4PDT. Silver contacts rated at 8 amps., 115 volts, 60 cycles AC non-inductive load. Average shipping wt., 4 oz.

Midget contact assemblies have the same electrical specifications as standard units. Coils fit both std. and midget types.

Type	AC Model	Net	DC Model	Net
Type 200-1	Contact Assembly, SPDT, 8 Amps	Net 1.30		
Type 200-2	Contact Assembly, DPDT, 8 Amps	Net 1.77		
Type 200-3	Contact Parts Assortment	Net 1.31		
Type 200-4	Contact Assembly, DPDT, 12.5 Amps	Net 2.06		
Type 200-5	Contact Assembly, 4PDT, 8 Amps	Net 3.21		
Type 200-M1	Midget, SPDT, 8 Amps	Net 1.22		
Type 200-M2	Midget, DPDT, 8 Amps	Net 1.60		
Type 200-M3	Midget Contact Parts Assortment	Net 1.31		
Type 200-M5	Midget, 4PDT, 8 Amps	Net 2.65		

Type	Valts	Net
200-6A	6	1.60
200-12A	12	1.60
200-24A	24	1.60
200-115A	115	2.00
200-230A	230	2.64

Type	Valts	Net
200-6D	6	1.60
200-12D	12	1.60
200-24D	24	1.60
200-32D	32	1.60
200-110D	110	2.00
200-5000D		2.06

*For current type operation

"MR." MEDIUM DUTY POWER RELAY



Used for safety, signalling, protective, transmitter keying, photographic, electric sign circuits, etc. Pure silver contacts and full floating locked-on armature. AC coils draw approx. 4 VA; DC, 2 watts. Contacts, 10 amp. double break, 8 amp. single break, 115V 50-60 cycles AC non-inductive load. Single pole units, 2-21/32" x 1-5/16" x 1 3/8" high; double pole units 2-31/32" x 2-5/32" x 1-11/16" high. Average shpg. wt. 8 oz.

FOR 115 Volts, 50/60 Cycles, AC

TYPE	ACTION	CONTACTS	AMPERES	NET
MR3A	SPST*	NO	10	3.14
MR5A	SPDT		8	2.84
MR11A	DPDT		8	4.02
MR14A	3PDT		8	4.85

FOR 6 Volts, 50/60 Cycles, AC

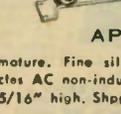
TYPE	ACTION	CONTACTS	AMPERES	NET
MR3A	SPST*	NO	10	3.14
MR5A	SPDT		8	2.84
MR11A	DPDT		8	4.02
MR14A	3PDT		8	4.85

FOR 6 VOLTS DC

TYPE	ACTION	CONTACTS	AMPERES	NET
MR3D	SPST*	NO	10	2.89
MR5D	SPDT		8	2.60
MR11D	DPDT		8	3.82
MR14D	3PDT		8	4.51

*Double break contact

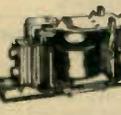
"AP" RATCHET, IMPULSE TYPES



Precision engineered for accurate repetitive switching. Actuated on impulses as short as 20 ms. Stop mechanism design assures accurate operation on each impulse regardless of speed. Phenolic coms, wear-resistant nylon pawl and ratchet with pin-hinged armature. Fine silver contacts rated 5 amps., 115 V 60 cycles AC non-inductive load. 2-5/32" x 2-9/32" x 2-5/16" high. Shpg. wt. 12 oz.

TYPE	CONTACTS	COIL VOLTS	NET
AP11A	DPDT	115	7.74
AP17A	4PDT	115	9.31
AP11A	DPDT	6	7.74
AP17A	4PDT	6	9.31

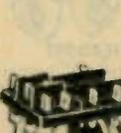
"LB" PLATE CIRCUIT RELAYS



Small, economical, fast-acting relay designed for dependable operation in photo-cell control units and similar plate circuit applications. Pull-in readjustable by bending tail spring hook. Pure silver, SPDT contacts rated at 5 amperes, 115V AC; 28V DC non-inductive load. Size, 2-5/8" x 1" x 1 1/4" high. Shpg. wt. 5 oz.

TYPE	CONTACTS	SPECIFY COIL RESISTANCE		
		OHMS	MA	NET
LBS	SPDT	2,500	9.0	2.30
LBS	SPDT	5,000	6.3	2.50
LBS	SPDT	10,000	4.5	2.65

"KA" GENERAL PURPOSE



A small, low cost, highly efficient general purpose relay for handling light power loads such as small motors (1/20 H.P.) solenoids and other relays, and general automation work. Insulated to meet U/L requirements. Size 1-1/16" x 1-27/32" x 1-3/8". Mounting: One No. 6/32 stud. Contacts: Up to 3PDT silver rated 5 amps. Come with AC coils rated at 6, 12, 24 and 115V AC or DC coils rated at 6, 12, 24 and 110V DC. Specify model and coil voltage when ordering. Shpg. wt., 5 oz.

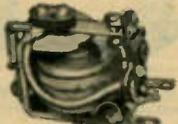
Type	AC Model	Net	DC Model	Net
SPDT	KASA	2.99	KASD	2.84
DPDT	KA11A	3.48	KA11D	3.19
3PDT	KA14A	3.87	KA14D	3.58

SIGMA 4F



For the builder, experimenter or amateur, described in many magazine articles. 40W friction, clock-type pivot, concentric non-loading, torsion-type spring. For use in vacuum tubes or other DC circuits providing 20 milliwatts or more and requiring a compact, high quality relay. Has wide range of precision adjustment SPDT, silver contacts, rated 2 amp of 24V DC or 115V AC. 8000 Ohm coil. Operating current 1.8 ma; releases at 0.75 ma. 1 1/2" x 1 1/2" x 5/32". Shpg. Wt. 8 oz. Sigma 4F Relay Net 6.00

ADVANCE "MG" MIDGET



Dependable miniature relays. Beryllium copper armature hinges for perfect alignment, wiping action for positive contact in any mounting position. Pure silver 1/8" contacts rated at 2 amps., 115V AC non-inductive. 1-5/8" x 1 1/4" x 1-13/16". Average wt. 3 oz.

TYPE	ACTION	COIL VOLTS	NET
MG/1C/115VA	SPDT	115V AC	3.56
MG/2C/115VA	DPDT	115V AC	4.47
MG/1C/6VA	SPDT	6V AC	3.56
MG/2C/6VA	DPDT	6V AC	4.47
MG/1C/6VD	SPDT	6V DC	3.09
MG/2C/6VD	DPDT	6V DC	3.97

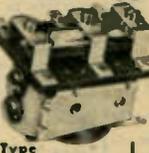
ADVANCE VERY SENSITIVE RELAYS



SV Series D.C. adjustable relays for use in circuits restricted to a few thousandths of a watt power consumption. Transparent molded plastic covers; bakelite bases. Factory set at 5 milliwatts. Contacts are 2 amps. at 115V AC or 2.65V DC resistive loads. SPDT only. 1 1/2" x 2" x 2-9/16". Shpg. wt., 4 oz.

Type	Coil Ohms	Coil MA	Net
SV/1C/1000D	1000	2.25	8.08
SV/1C/1600D	1600	1.8	8.08
SV/1C/2200D	2200	1.5	8.08
SV/1C/3500D	3500	1.2	8.32
SV/1C/5500D	5500	.95	8.47
SV/1C/8700D	8700	.75	9.00
SV/1C/14000D	14000	.6	9.50

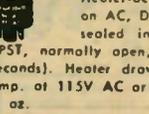
ADVANCE TINY "SO"



At last, a sensitive relay small enough for use in the tiniest spaces, and weighing only 1 1/2 oz. Highly efficient with special rugged construction. A balanced armature for extremely sensitive operation. SPDT contacts rated 1.5 amps resistive or 28V DC. Average size, 1 1/4" x 1-7/32" x 1 1/8". Shpg. wt., approx. 3 oz.

Type	Coil OHMS	Max Volts Continuous	Net
SO1C 4,000	4000	110	4.70
SO1C 6,500	6500	140	4.94
SO1C 10,000	10000	175	5.20

AMPERITE THERMOSTATIC DELAY RELAYS



Heater-actuated time-delay relays. Operate on AC, DC or pulsating current. Hermetically sealed in glass envelope with actal 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. NET EACH 2.35

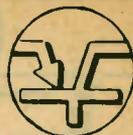
Delay Seconds	Type No.	
	6.3V Heater	115V Heater
2	6NO2	115NO2
5	6NO5	115NO5
10	6NO10	115NO10
15	6NO15	115NO15
20	6NO20	115NO20
30	6NO30	115NO30
45	6NO45	115NO45
60	6NO60	115NO60
75	6NO75	115NO75
90	6NO90	115NO90
120	6NO120	115NO120

MINIATURE RELAYS. All above types in miniature sizes. 9-pin, 3/4" x 2-5/8" x 2-5/8". When ordering, specify type no., adding letter "T" following type number. Example: 6NO2T. Shpg. wt., 3 oz. Net each 2.35



MINIATURE CAPACITORS FOR TRANSISTOR CIRCUITRY

CORNELL-SPRAGUE-BARCO-AEROVOX-CENTRALAB



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.

CAT NO.	DESCRIPTION	DIA.	LENGTH	NET
CF-100	2 mfd 6 volt	1/4"	31/32"	.26
CF-101	4 mfd 6 volt	1/4"	31/32"	.26
CF-102	8 mfd 6 volt	1/4"	31/32"	.29
CF-103	10 mfd 6 volt	1/4"	31/32"	.29
CF-104	30 mfd 6 volt	1/4"	31/32"	.29
CF-105	50 mfd 6 volt	5/16"	31/32"	.31
CF-106	100 mfd 6 volt	11/32"	31/32"	.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	5/16"	7/8"	.29
CF-125	50 mfd 15 volt	3/8"	1 1/8"	.31
CF-126	100 mfd 15 volt	3/8"	1 1/8"	.45
CF-127	160 mfd 15 volt	9/16"	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"	.29
CF-142	10 mfd 25 volt	3/8"	7/8"	.31
CF-143	25 mfd 25 volt	3/8"	7/8"	.31
CF-144	50 mfd 25 volt	3/8"	1 1/8"	.35
CF-145	160 mfd 25 volt	9/16"	1 3/8"	.49

SUBMINIATURE SQUARE CERAMIC CAPACITORS

75 VOLT MICROMINIATURE CAPACITORS AS SMALL AS 1/8" SQUARE X 1/16" 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 DCWV. Power factor 2.5%. Temperature range -55°C to +85°C. Shpg. wt., 1 oz.

Type	Cap. μ F	Size L W Thick.	Net Each	Lots of 10. Each
C-608	.0005	1-1/8x1/8 x1/16"		
C-609	.001	11/64x11/64x5/64"		
C-610	.002	11/64x11/64x5/64"	15¢	13¢
C-611	.005	15/64x15/64x5/64"		
C-612	.01	5/16x5/16x5/64"	22¢	19¢
C-613	.02	13/32x13/32x5/64"		
C-614	.05	31/64x31/64x7/64"	25¢	22¢
C-615	1	15/32x15/32x1/8"	32¢	30¢
C-616	2	9/16x9/16x1/8"	44¢	41¢

SPRAGUE MINIATURIZED DISC CERAMICS

Tiny, dependable, high capacitance-low voltage capacitors specifically designed for bypass and coupling applications in crowded transistor portables. Tough moisture-proof coating protects against shorts and assures good performance even when subjected to severe humidity and vibration. Rated 50V DCWV. Shpg. wt., 1 oz.

Type	Cap. μ F	Tol.	Dia.	Net
TG-D50	.005	+80% -20%	5/16"	.26
TG-S10	.01	+80% -20%	3/8"	.38
TG-S25	.025	+80% -20%	19/32"	.38
TG-S50	.05	+80% -20%	19/32"	.41
TG-P10	1	+80% -20%	3/4"	.53

CENTRALAB TYPE DM MIN-KAPS

Miniature capacitors for use where space is at a premium as in coils, pocket radios, hearing aids, etc. 17/32" long, 7/32" wide, 7/64" thick. Tolerance: .001 mfd to .002 mfd -20% +50%; .003 mfd to .01 mfd -20% +80%.

150 VOLTS D.C.W.

Cap. Mfd.	Cat. No.	Net	Cap. Mfd.	Cat. No.	Net
.0001	DM-101	.21	.002	DM-202	.26
.0002	DM-201	.21	.003	DM-302	.26
.0003	DM-301	.21	.005	DM-502	.26
.0005	DM-501	.21	.01	DM-103	.38
.0005	DM-102	.21	2X.005	DM2-502	.38

SPRAGUE TRANSISTOR ULTRA-MINIATURE ELECTROLYTIC CONDENSERS

3/16" Diameter
1/2" Long
Reliable, hermetically sealed subminiature electrolytic capacitors. Excellent replacement capacitors for transistorized equipment. Shpg. wt., 2 oz.

Type	Cap. μ F	WVDC	Diam.	Length	Net
TE-1010	5	1	3/16	9/16	.73
TE-1051	2	3	3/16	1/2	.73
TE-1053	10	3	1/4	5/8	.73
TE-1055	25	3	1/4	5/8	.73
TE-1057	40	3	1/4	3/4	.73
TE-1060	110	3	3/8	3/4	.82
TE-1064	200	3	3/8	1	.88
TE-1080	1	6	3/16	1/2	.73
TE-1081	2	6	3/16	1/2	.73
TE-1082	3	6	3/16	1/2	.73
TE-1083	4	6	3/16	5/8	.73
TE-1084	5	6	3/16	5/8	.73
TE-1086	8	6	1/4	5/8	.79
TE-1087	10	6	1/4	5/8	.79
TE-1089	15	6	1/4	5/8	.79
TE-1091	25	6	1/4	5/8	.79
TE-1092	30	6	3/8	5/8	.82
TE-1095	40	6	3/8	5/8	.82
TE-1100	50	6	3/8	3/4	.82
TE-1101	60	6	3/8	3/4	.82
TE-1102	100	6	3/8	7/8	.88
TE-1114	10	10	1/4	5/8	.79
TE-1116	15	10	1/4	3/4	.79
TE-1118	25	10	3/8	5/8	.79
TE-1127	5	12	1/4	5/8	.79
TE-1128	10	12	1/4	5/8	.79
TE-1152	5	15	1/4	5/8	.82
TE-1155	10	15	1/4	5/8	.82
TE-1157	20	15	3/8	5/8	.85
TE-1158	30	15	3/8	3/4	.88
TE-1202	5	25	1/4	5/8	.82
TE-1203	6	25	1/4	5/8	.82
TE-1204	10	25	3/8	5/8	.85
TE-1205	15	25	3/8	5/8	.85
TE-1206	20	25	3/8	5/8	.88
TE-1303	5	50	1/4	3/4	.85
TE-1304	10	50	3/8	5/8	.88
TE-1305	20	50	3/8	7/8	.85

CORNELL-DUBILIER ULTRA-SMALL ALUMINUM-CASED ELECTROLYTICS

Compact, hermetically sealed aluminum foil electrolytic capacitors. Shpg. wt., 2 oz.

Cat. No.	μ F	DCWV	Diam.	Length	Net
NL 5-1	5	1	1/8"	1/2	.73
NL 2-3	2	3	1/8"	1/2	.73
NL 10-3	10	3	1/4"	5/8	.73
NL 25-3	25	3	1/4"	5/8	.73
NL 40-3	40	3	3/8"	3/4	.73
NL 50-3	50	3	3/8"	3/4	.73
NL 110-3	110	3	3/8"	3/4	.82
NL 200-3	200	3	3/8"	1	.88
NL 1-6	1	6	1/8"	1/2	.73
NL 2-6	2	6	1/8"	1/2	.73
NL 3-6	3	6	1/8"	1/2	.73
NL 4-6	4	6	1/8"	1/2	.73
NL 5-6	5	6	1/8"	1/2	.73
NL 8-6	8	6	1/4"	3/8	.79
NL 10-6	10	6	1/4"	3/8	.79
NL 15-6	15	6	1/4"	3/8	.79
NL 20-6	20	6	1/4"	3/8	.79
NL 25-6	25	6	1/4"	3/8	.79
NL 30-6	30	6	3/8"	5/8	.82
NL 40-6	40	6	3/8"	5/8	.82
NL 50-6	50	6	3/8"	5/8	.82
NL 60-6	60	6	3/8"	5/8	.82
NL 100-6	100	6	3/8"	7/8	.88
NL 10-10	10	10	1/4"	5/8	.79
NL 15-10	15	10	1/4"	5/8	.79
NL 25-10	25	10	3/8"	5/8	.79
NL 50-10	50	10	3/8"	3/4	.85
NL 100-10	100	10	3/8"	1	.94
NL 5-15	5	15	1/4"	5/8	.82
NL 10-15	10	15	1/4"	5/8	.82
NL 20-15	20	15	3/8"	5/8	.85
NL 30-15	30	15	3/8"	3/4	.88
NL 5-25	5	25	1/4"	5/8	.82
NL 6-25	6	25	1/4"	5/8	.82
NL 10-25	10	25	3/8"	5/8	.85
NL 15-25	15	25	3/8"	5/8	.85
NL 20-25	20	25	3/8"	5/8	.88
NL 5-50	5	50	1/4"	3/4	.85
NL 10-50	10	50	3/8"	5/8	.88
NL 20-50	20	50	3/8"	7/8	.88

BARCO TRANSISTOR ULTRA-MINIATURE ELECTROLYTIC CONDENSERS

3/8" Diameter
3/8" Long
For applications in Transistor and Miniature Electronic Circuits, small hermetically-sealed aluminum electrolytic capacitors. Low-leakage current, stable capacity. Will fit anywhere.

Type	Cap. μ F	WVDC	Diam.	Length	Net
P6-1	1	6	1/8	15/32	.50
PT6-2	2	6	11/64	9/16	.41
P6-8	8	6	11/64	3/4	.44
P6-25	25	6	1/4	3/4	.44
P6-80	80	6	23/64	3/4	.59
P6-160	160	6	23/64	1-9/32	.73
PT8-2	2	8	1/8	5/8	.59
PS8-5	5	8	11/64	9/16	.41
P9-20	20	9	1/4	3/4	.44
PT12-1	1	12	1/8	5/8	.59
PT12-2	2	12	11/64	9/16	.41
PS12-3	3	12	11/64	9/16	.41
P12-5	5	12	11/64	15/32	.50
P12-16	16	12	1/4	3/4	.44
P12-50	50	12	23/64	3/4	.59
PS20-2	2	20	11/64	9/16	.41
PT 50 .25	1/4	50	1/8	5/8	.59
P25-4	4/10	25	1/8	15/32	.59
P25-8	8	25	1/4	3/4	.44
P25-25	25	25	23/64	3/4	.59
P25-50	50	25	23/64	1-9/32	.73
P40-5	5	40	1/4	3/4	.44
P40-16	16	40	23/64	3/4	.59
P40-30	30	40	23/64	1-9/32	.73
P70-3	3	70	1/4	3/4	.44
P70-10	10	70	23/64	3/4	.59
P70-20	20	70	23/64	1-9/32	.73
PT150 8	8	150	1/2	1	.73

AEROVOX MINIATURE METALIZED PAPER CAPACITORS AEROVOX TYPE P82Z

Tiny metallized paper units which are self-heating to protect against surge voltages and are up to 78% smaller than equivalent paper units. Myval K impregnated, in moisture resistant wax impregnated cardboard cases having metal end caps and extended foil construction for low impedance. Standard tolerance \pm 20%. Average shpg. wt., 2 oz.

μ F	200V SIZE	NET	μ F	400V SIZE	NET
.01	3/8x3/8"	.42	.01	3/8x5/8"	.42
.02	3/8x3/8"	.42	.02	3/8x3/8"	.44
.03	3/8x3/8"	.44	.03	3/8x3/8"	.44
.05	3/8x3/8"	.44	.05	15/32x3/8"	.45
.1	3/8x3/8"	.45	.1	15/32x1/8"	.49
.25	15/32x3/8"	.67	.25	5/8x1/8"	.73
.5	15/32x1/8"	.78	.5	5/8x1/8"	.93
1.0	7/8x1/8"	1.03	1.0	23/32x2/8"	1.28
2.0	7/8x1/8"	1.43			

μ F	SIZE	NET	μ F	SIZE	NET
.01	3/8x3/8"	.44	.1	15/32x1/8"	.57
.02	3/8x3/8"	.45	.25	5/8x1/8"	.89
.03	15/32x3/8"	.48	.5	23/32x1/8"	1.13
.05	15/32x3/8"	.52	1.0	23/32x2/8"	1.41

AEROVOX P83Z MICROMINIATURES

Ultra-small metallized paper dielectric capacitor particularly suited to replace low capacity paper units. Myval K impregnated in humidity resistant molded thermoplastic cases. Shpg. wt., 1 oz.

μ F	SIZE	NET	μ F	SIZE	NET
.004	1/4x1/8"	.21	.002	1/4x1/8"	.21
.005	1/4x1/8"	.21	.003	1/4x1/8"	.27
.01	1/4x1/8"	.21	.008	1/4x1/8"	.27
.02	1/4x1/8"	.27	.01	1/4x1/8"	.27
.04	1/4x1/8"	.27			

μ F	SIZE	NET	μ F	SIZE	NET
.0005	1/4x1/8"	.21	.0022	1/4x1/8"	.27
.0008	1/4x1/8"	.21	.0047	1/4x1/8"	.27
.001	1/4x1/8"	.21	.005	1/4x1/8"	.27
.002	1/4x1/8"	.27	.0068	1/4x1/8"	.27

CENTRALAB CERAMIC CAPACITORS

TYPE D6 TUBULAR CERAMIC BYPASS COUPLING HI-KAPS

Small ceramic capacitors providing extensive operation under extremes of moisture, temperature and vibration. Compact and mechanically strong, make ideal replacement for old style mica and paper tubular units. Radial leads 1 1/2" long. Rated 600 V, test 1200V. Tolerance $\pm 10\%$, except $\pm 20\%$; *GMV (Guaranteed minimum value). Size approximately 1/4" body diameter varying in length from 1/2" to 1-3/16". Average shpg. wt., 2 oz.

TYPE	µF	TYPE	µF
D6-030	3	D6-331	330
D6-050	5	D6-391	390
D6-100	10	D6-401	400
D6-120	12	D6-471	470
D6-150	15	D6-501	500
D6-180	18	D6-561	560
D6-200	20	D6-601	600
D6-220	22	D6-681	680
D6-250	25	D6-751	750†
D6-270	27	D6-821	820†
D6-330	33	D6-102	1000†
D6-390	39	D6-122	1200†
D6-470	47	D6-152	1500†
D6-500	50	D6-182	1800†
D6-560	56	D6-202	2000†
D6-680	68	D6-222	2200†
D6-750	75	D6-252	2500*
D6-820	82	D6-272	2700*
D6-910	91	D6-302	3000*
D6-101	100	D6-332	3300*
D6-121	120	D6-402	4000*
D6-151	150	D6-472	4700*
D6-181	180	D6-502	5000*
D6-201	200	D6-562	5600*
D6-221	220	D6-682	6800*
D6-251	250	D6-752	7500*
D6-271	270	D6-103	10000*
D6-301	300		
NET EACH			15¢

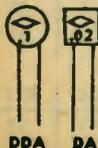
TYPE MD MOLDED DISCS

2500 V breakdown voltage and insulation resistance 300,000 megohms. Values through 5000 usf rated 1000V DCW, higher values rated 600 V DCW. All units 1 1/16" dia. x 3/16" thick. Tolerance $\pm 10\%$, except $\pm 20\%$; *GMV Shpg. wt., 2 oz.



TYPE	µF	TYPE	µF
MD-487	4.7	MD-401	400
MD-050	5	MD-471	471
MD-060	6	MD-501	500
MD-075	7.5	MD-561	560
MD-082	8.2	MD-601	600
MD-100	10	MD-681	680
MD-120	12	MD-751	750†
MD-150	15	MD-821	820†
MD-180	18	MD-102	1000†
MD-200	20	MD-122	1200†
MD-220	22	MD-152	1500†
MD-250	25	MD-182	1800†
MD-270	27	MD-202	2000†
MD-330	33	MD-222	2200†
MD-390	39	MD-252	2500†
MD-470	47	MD-272	2700†
MD-500	50	MD-302	3000†
MD-560	56	MD-332	3300†
MD-680	68	MD-402	4000†
MD-750	75	MD-472	4700†
MD-820	82	MD-502	5000†
MD-910	91	MD-562	5600*
MD-101	100	MD-682	6800*
MD-121	120	MD-752	7500*
MD-151	150	MD-103	10000*
MD-181	180		
MD-201	200		
MD-221	220		
MD-251	250		
MD-271	270		
MD-301	300		
MD-331	330		
NET EACH			15¢

LOW VOLTAGE TRANSISTOR CERAMIC CAPACITORS



Type	Cap. µF	DCWV	Net
DA-203	.02	30V	.24
DA-503	.05	30	.38
DA-104	.1	30	.56
DDA-503	.05	75	.29
DDA-104	.1	75	.53

High capacitance — low voltage ceramic capacitors designed for transistor circuit applications. Double resin insulated. Type DA is a plate capacitor 1/2" square with a tolerance of $\pm 20\%$ + 100%. Type DDA is a disc capacitor 3/8" diam. with a tolerance of $\pm 30\%$ + 80%. Shpg. wt., 1 oz.

TYPE TC TEMPERATURE COMPENSATING HI-KAPS

Tubular ceramic units designed for rapid corrective response to temperature changes. Type TCZ is NPO (negative-positive-zero) and shows zero capacitance change between -20° to $+83^\circ$ C. Type TCN has negative coefficient (N750) and has negative capacity change of 750 parts/million per degree C temperature rise. Rated 600 V, 1200V test. Size approximately 1/4" dia. Tolerance $\pm 2\%$ ± 25 usf; ± 3 usf; $\pm 5\%$. Average shpg. wt., 2 oz.

TYPE TCZ-NPO NEGATIVE-POSITIVE-ZERO			
TYPE	µF	TYPE	µF
TCZ-R5	.5	TCZ-47	47
TCZ-R68	.68†	TCZ-50	60
TCZ-1	1.0	TCZ-51	51
TCZ-1R5	1.5	TCZ-56	56
TCZ-2R2	2.2	TCZ-62	62
TCZ-3R3	3.3	TCZ-68	68
TCZ-4R7	4.7A	TCZ-75	75
TCZ-6R8	6.8A	TCZ-82	82
TCZ-10	10A	TCZ-91	91
TCZ-12	12	TCZ-100	100
TCZ-15	15	TCZ-110	110*
TCZ-18	18	TCZ-120	120*
TCZ-20	20	TCZ-130	130*
TCZ-22	22	TCZ-150	150*
TCZ-24	24	TCZ-160	160*
TCZ-25	25	TCZ-180	180*
TCZ-27	27	TCZ-200	200*
TCZ-30	30	TCZ-220	220*
TCZ-33	33	TCZ-240	240*
TCZ-34	34	TCZ-270	270*
TCZ-39	39	TCZ-300	300*
TCZ-43	43		
NET EACH			29¢

TYPE TCN—NEGATIVE (N750)

TYPE	µF	TYPE	µF
TCN-3B3	3.3A	TCN-91	91
TCN-5	5A	TCN-100	100
TCN-10	10A	TCN-110	110*
TCN-12	12	TCN-120	120*
TCN-15	15	TCN-130	130*
TCN-18	18	TCN-150	150*
TCN-20	20	TCN-160	160*
TCN-22	22	TCN-180	180*
TCN-24	24	TCN-200	200*
TCN-25	25	TCN-220	220*
TCN-27	27	TCN-240	240*
TCN-30	30	TCN-270	270*
TCN-33	33	TCN-300	300*
TCN-36	36	TCN-330	330*
TCN-39	39	TCN-360	360*
TCN-43	43	TCN-390	390*
TCN-47	47	TCN-430	430*
TCN-50	50	TCN-470	470*
TCN-51	51	TCN-510	510*
TCN-56	56	TCN-560	560*
TCN-62	62	TCN-620	620*
TCN-68	68	TCN-680	680*
TCN-75	75	TCN-750	750*
TCN-82	82		
NET EACH			29¢

TYPE DF FLAT PLATE HI-KAPS

Unusually thin high capacity bypass and filter ceramic capacitors. Rated 600 VDCW, 1200V test. Tolerance GMV (guaranteed minimum value) except $\pm 20\%$, $\pm 20\%$. Size approx. 1-7/16 x 15/16 x 1/4. Shpg. wt., 3 oz.

TYPE	µF	NET EACH
DF-303	.03	41¢
DF-403	.04	
DF-503	.05	
DF-753	.075	47¢
DF-104	.1	

TYPE DD STANDARD CERAMIC DISCS

For bypass, coupling and general application, where resistance to moisture, heat and vibration, and long life under heavy overload are required. Rated 1000V. Size range from 1/4" to 3/4" diameter. Tolerance $\pm 10\%$, except $\pm 20\%$; *GMV. Average shpg. wt., 2 oz.

TYPE	µF	TYPE	µF
DD-3R3	3.3	DD-301	300†
DD-050	5	DD-331	330†
DD-060	6	DD-351	350†
DD-6R8	6.8	DD-361	360†
DD-7R5	7.5	DD-391	390†
DD-089	8	DD-401	400†
DD-100	10	DD-471	470†
DD-120	12	DD-501	500†
DD-150	15	DD-561	560†
DD-180	18	DD-601	600†
DD-200	20	DD-681	680†
DD-220	22	DD-751	750†
DD-240	24	DD-801	800†
DD-250	25	DD-821	820†
DD-270	27	DD-102	1000†
DD-300	30	DD-122	1200†
DD-330	33	DD-132	1300†
DD-390	39	DD-152	1500†
DD-470	47	DD-162	1600†
DD-500	50	DD-182	1800†
DD-560	56	DD-202	2000†
DD-680	68	DD-222	2200†
DD-750	75	DD-252	2500†
DD-820	82	DD-272	2700†
DD-910	91	DD-302	3000†
DD-101	100	DD-332	3300†
DD-121	120	DD-392	3900†
DD-131	130	DD-402	4000†
DD-151	150	DD-432	4300†
DD-181	180	DD-472	4700†
DD-201	200	DD-502	5000*
DD-221	220†	DD-562	5600*
DD-241	240†	DD-682	6800*
DD-251	250†	DD-752	7500*
DD-271	270†	DD-103	10000*
NET EACH			15¢
DD-5022	5000†	DD-203	20000*
DD-1032	10000†		
NET EACH			18¢

TYPE DD3 DUAL SECTION DISCS

Two individually shielded capacitors in the space normally required for only one. Shpg. wt., 2 oz.

TYPE	µF	EA.
DD3-102	2 x .001	
DD3-152	2 x .0015	24¢
DD3-202	2 x .002	
DD3-302	2 x .003	29¢
DD3-103	2 x .01	

CERAMIC FEED-THRU HI-KAPS

Rated 500 VDCW, 1,000 VDC test. Type FT, bushing mounted supplied with mounting nut. Type MFT, tiny eyelet capacitor, soldered directly to chassis. Shpg. wt., 2 oz.

TYPE FT		TYPE MFT	
TYPE	µF	TOL.	EACH
FT-500	500	$\pm 20\%$	
FT-1000	1000	$\pm 20\%$	
FT-1500	1500	-20% + 50%	59¢
FT-1800	1800	-20% + 50%	
FT-2300	2300	-20% + 50%	
TYPE MFT MINIATURES		TYPE MFT MINIATURES	
TYPE	µF	TOL.	EACH
MFT-50	50	$\pm 10\%$	
MFT-100	100	$\pm 10\%$	29¢
MFT-500	500	$\pm 20\%$	
MFT-1000	1000	GMV	

ATTACHABLE TERMINAL HI-VO-KAP KIT

Kit contains 1 TV-20 HI-VO-Kap and a complete set of attachable terminals for TV replacement. Ideal for service calls. 500 usf. 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 top and male thread. No stripping or loose terminals. Shpg. wt., 6 oz. TV-20 HI-VO-KAP KIT..... Net 1.09

TYPE DD16 1600V HI-KAP BUFFERS

TYPE	µF	TYPE	µF
DD14-303	.003	DD14-703	.007
DD14-402	.004	DD14-753	.0075
DD14-502	.005	DD14-802	.008
DD14-602	.006	DD14-103	.01
NET EACH			21¢
DD14-153	.015		35¢

TYPE DD30 3000V DISC CERAMICS

TYPE	µF	TYPE	µF
DD30-4R7	4.7	DD30-221	220
DD30-6R8	6.8	DD30-251	250
DD30-8R2	8.2	DD30-271	270
DD30-100	10	DD30-301	300
DD30-120	12	DD30-331	330
DD30-150	15	DD30-391	390
DD30-220	22	DD30-401	400
DD30-250	25	DD30-471	470
DD30-270	27	DD30-501	500
DD30-330	33	DD30-561	560
DD30-390	39	DD30-681	680
DD30-470	47	DD30-751	750
DD30-500	50	DD30-821	820
DD30-560	56	DD30-102	1000
DD30-680	68	DD30-122	1200
DD30-750	75	DD30-152	1500
DD30-820	82	DD30-202	2000
DD30-101	100	DD30-222	2200
DD30-121	120	DD30-252	2500
DD30-151	150	DD30-272	2700
DD30-181	180	DD30-392	3900
DD30-201	200	DD30-472	4700
			5000
NET EACH			24¢

TYPE DD40 6000V DISC CERAMICS

TYPE	µF	TYPE	µF
DD40-4R7	4.7	DD40-181	180
DD40-6R8	6.8	DD40-201	200
DD40-8R2	8.2	DD40-221	220
DD40-100	10	DD40-251	250
DD40-120	12	DD40-271	270
DD40-150	15	DD40-301	300
DD40-220	22	DD40-331	330
DD40-250	25	DD40-391	390
DD40-270	27	DD40-401	400
DD40-300	30	DD40-471	470
DD40-330	33	DD40-501	500
DD40-390	39	DD40-561	560
DD40-470	47	DD40-681	680
DD40-500	50	DD40-751	750
DD40-560	56	DD40-821	820
DD40-680	68	DD40-102	1000
DD40-750	75	DD40-122	1200
DD40-820	82	DD40-152	1500
DD40-101	100	DD40-202	2000
DD40-121	120	DD40-222	2200
DD40-151	150		
NET EACH			29¢

TRIMMER CAPACITORS

FILTERS-CERAMIC DISCS-PRINTED CIRCUIT CONDENSERS

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

CORNELL-DUBILIER TYPE C TEMPERATURE COMPENSATING DISCS

Ceramic discs for rapid corrective response to temperature changes between -55° to +85° C. The capacity of coefficient NPO type remains essentially constant. Type coefficient N750 has a negative coefficient of 750 parts/million/degree C to compensate for temperature rise. Rated 1000 V DCW. Tolerance ±10% or ±.5 uuf, whichever is greater. All have uniform thickness of 5/32" and vary in diameter from 9/32" to 7/8". Average shpg. wt., 2 oz.

COEFFICIENT NPO				COEFFICIENT N750			
TYPE	uuf	TYPE	uuf	TYPE	uuf	TYPE	uuf
C10V15C	1.5	C10Q2C	20	C10V5U	5.0	C10Q43U	43
C10V2C	2.0	C10Q22C	22	C10V68U	6.8	C10Q47U	47
C10V22C	2.2	C10Q24C	24	C10V82U	8.2	C10Q5U	50
C10V33C	3.3	C10Q25C	25	C10Q12U	12	C10Q51U	51
C10V47C	4.7	C10Q27C	27	C10Q12U	12	C10Q56U	56
C10V68C	6.8	C10Q3C	30	C10Q15U	15	C10Q62U	62
C10V82C	8.2	C10Q33C	33	C10Q18U	18	C10Q68U	68
C10Q1C	10	C10Q36C	36	C10Q22U	22	C10Q75U	75
C10Q12C	12	C10Q39C	39	C10Q25U	25	C10Q91U	91
C10Q15C	15	C10Q43C	43	C10Q27U	27	C10T1U	100
C10Q18C	18	C10Q47C	47	C10Q30U	30	C10T12U	120
NET EACH			29¢	C10Q33U	33	C10T13U	130
C10Q5C	50	C10Q75C	75	C10Q36U	36	C10T15U	150
C10Q51C	51	C10Q82C	82	C10Q39U	39	NET EACH	29¢
C10Q56C	56	C10Q91C	91	C10T18U	180	C10T27U	270
C10Q62C	62	C10T1C	100	C10T22U	220	C10T3U	300
C10Q68C	68			C10T24U	240	C10T33U	330
NET EACH			32¢	NET EACH		NET EACH	32¢

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.

uuf	uuf	uuf	uuf	uuf	uuf
5	22	50	150	330	.001
6.8	25	56	180	390	.0012
10	27	68	200	470	.0015
12	30	75	220	500	.0018
15	33	82	250	560	.002
18	39	100	270	680	.0022
20	47	120	300	750	.0025

Avg. shpg. wt., 2 oz.

C-601 All above values thru .01 μf may be assorted for quantity price. Specify stock No. C-601 and capacity 10 for 72¢ - Singly, Each 8¢

C-602 .015 μf shpg. wt., 2 oz. 10 for 99¢ - Singly, Each 11¢
C-603 .02 μf shpg. wt., 2 oz. 10 for 1.08 - Singly, Each 12¢

CORNELL-DUBILIER TYPE BC PRINTED CIRCUIT TUBULARS

Parallel lead wires permit these phenolic-coated paper tubular capacitors to be plugged directly into printed circuits and dip soldered. Extremely wide temperature range. Leads have low resistance connections to foil. Withstands extremes of soldering temperatures without damage. Average shpg. wt., 4 oz.



TYPE	μF	SIZE	EA.	TYPE	μF	SIZE	EA.
BC-2D68J	.0068	3/8 x 1	.18	BC-6D1J	.001	3/8 x 1	.18
BC-251J	.01	3/8 x 1	.18	BC-6D15J	.0015	3/8 x 1	.18
BC-2515J	.015	3/8 x 1 1/4	.18	BC-6D22J	.0022	3/8 x 1	.18
BC-2522J	.022	3/8 x 1 1/4	.21	BC-6D33J	.0033	3/8 x 1	.18
BC-2533J	.033	7/16 x 1 1/4	.21	BC-6D47J	.0047	3/8 x 1	.18
BC-2547J	.047	1/2 x 1 1/4	.21	BC-6D68J	.0068	3/8 x 1	.18
BC-2568J	.068	1/2 x 1 1/2	.21	BC-651J	.01	3/8 x 1 1/4	.21
BC-2P1J	.1	1/2 x 1 1/2	.24	BC-6515J	.015	7/16 x 1 1/4	.21
BC-2P15J	1.5	1/2 x 1 1/2	.26	BC-6522J	.022	7/16 x 1 1/4	.24
BC-2P22J	.22	3/8 x 1 1/2	.29	BC-6533J	.033	1/2 x 1 1/4	.24
BC-2P33J	.33	3/8 x 1 1/2	.32	BC-6547J	.047	1/2 x 1 1/2	.26
BC-2P47J	.47	3/8 x 2 1/2	.38	BC-6568J	.068	3/8 x 1 1/2	.29
BC-2P68J	.68	3/8 x 2 1/2	.41	BC-6P1J	.1	3/8 x 1 1/2	.32
				BC-6P15J	.15	3/8 x 2 1/2	.35
				BC-6P22J	.22	3/8 x 2 1/2	.38
				BC-6P33J	.33	3/8 x 2 1/2	.41
				BC-6P47J*	.47	3/8 x 2 1/2	.41

*Rated 400V DCW

MALLORY INTERFERENCE FILTERS



Type X3. Fig. M. Capacitor type filter for moderate interference. Inserted between appliance power cord and wall socket. Rated 110-220V, 5 amp, AC-DC. Shpg. wt., 6 oz. Net 1.06

Type X5. Fig. I. Dual-capacitor type employing a shock-limiting capacitor and return lead to appliance for moderate to heavy interference. Rated 110-220V, 5 amps. AC. Shpg. wt., 8 oz. Net 1.59

Type X6. Fig. J. Single capacitor filter of low impedance for light interference. For 125V, 15 amps, AC-DC. Shpg. wt., 8 oz. Net .94

Type Z2. Fig. H. A dual capacitor-single inductor for moderate interference, most effective on grounded line systems. Rating 110-220V, 3 amps, AC-DC. Shpg. wt., 6 oz. Net 1.29

Type Z4. Fig. M. A dual capacitor-dual inductor filter for heavy interference on appliances where a return lead from the filter is impractical. Rating 110-220V, 3 amp, AC-DC. Shpg. wt., 8 oz. Net 1.47

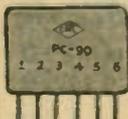
Type Z6. Fig. I. A dual capacitor-dual inductor filter for severe interference, with return lead to ground. Rated 110-220V, 3 amps, AC-DC. Shpg. wt., 12 oz. Net 2.12

WIRED-IN TYPE

Type W7. Fig. K. Metal enclosed dual capacitor for efficient filtering of light interference such as fluorescents. For 110-220V, AC-DC. Shpg. wt., 6 oz. Net .79

Type W11. Fig. K. Same as W7 but for heavy interference. Shpg. wt., 8 oz. Net 1.23

CENTRALAB PRINTED ELECTRONIC CIRCUITS (PEC)



Ideal for the replacement of entire circuit sections in radio and TV. You reduce wiring time as well as considerable troubleshooting time required to locate individual faulty parts. These low-cost PEC units are complete printed electronic circuits composed of resistors, capacitors, and in some cases, inductance. They are extremely stable since the wiring and all components are bound to a ceramic base and sealed against moisture, temperature variations, and physical shock. These dependable and highly efficient PEC units will save you time and cut replacement costs materially. Avg. shpg. wt., 2 oz.

NEW PRINTED CIRCUIT NO. 3 - PEC replacement guide for radio and TV sets listed by 119 manufacturers FREE when requested with your next order.

PRINTED CIRCUIT UNITS

NO.	DESCRIPTION	EACH	NO.	DESCRIPTION	EACH	NO.	DESCRIPTION	EACH
PC-50	Filipee	.33	PC-92	Pentode Couplate	.68	PC-159	Audet Output Stage	.68
PC-51	Filipee	.35	PC-100	Vertical Integrator	.73	PC-160	Pendet	.73
PC-52	Filipee	.39	PC-101	Vertical Integrator	.73	PC-165	Pendet	.79
PC-60	Resistor-Capacitor	.28	PC-104	Vertical Integrator	.68	PC-176	Plate for GE K82J458	.44
PC-81	Resistor-Capacitor	.29	PC-105	Vertical Integrator	.68	PC-177	Plate for Admiral 63B6-3	.68
PC-70	Triode Couplate	.41	PC-106	Vertical Integrator	.68	PC-178	Plate for Admiral 63B6-4	.44
PC-71	Triode Couplate	.41	PC-110	Filipee	.44	PC-179	Plate for Copehart 452268A	.83
PC-80	Triode Couplate	.44	PC-111	Filipee	.44	PC-260	Sync Takeoff Couplate	.73
PC-81	Triode Couplate	.44	PC-150	Audet Output Stage	.68	PC-262	Sync Takeoff Couplate	.73
PC-82	Special	.44	PC-151	Audet Output Stage	.68	PC-263	Sync Takeoff Couplate	.73
PC-84	Triode Couplate	.44	PC-154	Audet Output Stage	.68			
PC-90	Pentode Couplate	.53	PC-157	Audet Output Stage	.68			
PC-91	Pentode Couplate	.53	PC-158	Audet Output Stage	.68			

SPRAGUE "UNIVERSAL" CERAMIC CAPACITORS

JUST 4 "UNIVERSALS" CAN BE QUICKLY CONVERTED TO 42 VALUES BETWEEN .0004 and .015

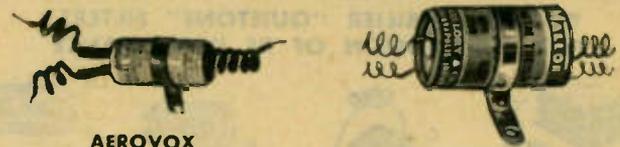
These ceramic plate capacitors have four leads. The many ratings may be obtained by using certain leads together and cutting off certain leads. Ideal for replacements in field or shop. Rated 500V DCW. With simple instructions on how to make up desired ratings.

RATINGS AVAILABLE

TYPE	CAPACITANCE RANGE	NET EACH
UGA-1	12 .0004-.0013	29¢
UGA-2	15 .0006-.0027	35¢
UHR-1	7 .001-.004	29¢
UHR-2	8 .0025-.015	35¢

12 pc. CK-4 UNIVERSAL CAPACITOR KIT
 Contains 3 each of the four types listed.. 3.88

CAPACITORS CORNELL DUBILIER



SPRAGUE "ATOMS" TYPE TVA

CORNELL-DUBILIER "BLUE BEAVER" TYPE BBR AND BR

AEROVOX "DANDEE" TYPE PRS

MALLORY TYPE TC

Compact, dry electrolytic capacitor designed for radio and TV replacement requirements. Has low leakage and can withstand high temperatures, ripple currents and surge voltages.

Small, handy, dry electrolytic service replacement capacitors. Sealed in aluminum can with wax impregnated cardboard outer sleeve indicating polarity. Type BBR is a miniature version of type BR.

Compact, electrolytic tubular for radio and TV applications. Etched foil design and vented for excessive gas pressures. In aluminum can with cardboard insulating sleeve.

Dry electrolytic capacitors for filter and audio bypass applications. Sealed in aluminum tube and having external cardboard insulating sleeve.

SINGLE SECTION

Stock No.	Cap. Mfd.	W.V.	Sprague TVA	C-D BR	Aerovox PRS	Mallory TC	Net ea.	Stock No.	Cap. Mfd.	W.V.	Sprague TVA	C-D BR	Aerovox PRS	Mallory TC	Net ea.
Z60	1000	3					1.00	Z118	300	150			PRS		1.50
Z61	2000	4					1.35	Z119	4	250	1501	425	PRS		.59
Z62	50	6	1100		PRS		.56	Z120	8	250			50X	.62	
Z63	100	6	1101	100-6	PRS		.71	Z121	8	250	1503	825	PRS	.62	
Z64	260	6	1102	250-6	PRS		.79	Z122	10	250	1504			.71	
Z65	500	6	1103	500-6	PRS	605	.91	Z123	12	250	1505	1225	PRS	52	
Z66	1000	6	1104	1000-6	PRS	610	1.12	Z124	16	250	1507	1625	PRS	.76	
Z67	1500	6	1105		PRS		1.23	Z125	20	250	1508	2025	PRS	.79	
Z68	2000	6	1108	2000-6	PRS		1.35	Z126	30	250	1510	3025	PRS	.85	
Z69	100	12	1130		PRS		.71	Z127	40	250	1511	4025	PRS	.91	
Z70	250	12	1131		PRS		.85	Z128	50	250		5025	PRS	59	
Z71	500	12	1132		PRS		1.00	Z129	60	250		6025	PRS	1.06	
Z72	1000	12	1133		PRS		1.32	Z130	4	350	1601	435	PRS	.62	
Z73	2000	12			PRS		1.56	Z131	5	350				.71	
Z74	100	15	1160	100-15	PRS		.73	Z132	8	350	1603	835	PRS	.01	
Z75	200	15			PRS	1502	.82	Z133	10	350	1604			.71	
Z76	250	15	1161	250-15	PRS		.91	Z134	12	350	1605	1235	PRS	.82	
Z77	500	15	1162		PRS	1505	1.03	Z135	16	350	1607	1645	PRS	.87	
Z78	1000	15	1163	1000-15	PRS		1.35	Z136	20	350	1608	2055	PRS	.91	
Z79	2000	15			PRS		1.88	Z137	24	350				.97	
Z80	2	25	1201				.53	Z138	30	350	1610	3035	PRS	1.03	
Z81	5	25	1203				.59	Z139	40	350	1611	4035	PRS	1.09	
Z82	10	25	1204	10-25	PRS	22	.59	Z140	50	350		5035	PRS	1.03	
Z83	15	25			PRS		.59	Z141	60	350				.65	
Z84	20	25		20-25	PRS		.89	Z142	1	450	1613	145	PRS	1.15	
Z85	25	25	1205	25-25	PRS	28	.59	Z143	2	450	1701	245	PRS	.65	
Z86	50	25	1206	50-25	PRS	29	.65	Z144	4	450	1702	445	PRS	.68	
Z87	100	25	1207	100-25	PRS	287	.79	Z145	5	450				.71	
Z88	250	25	1208	250-25	PRS	289	1.00	Z146	8	450	1704	845	PRS	.74	
Z89	500	25	1209	500-25	PRS	2505	1.35	Z147	10	450	1705	1045	PRS	.72	
Z90	1	50	1300				.31	Z148	12	450	1706	1245	PRS	.73	
Z91	2	50	1301				.33	Z149	16	450	1708	1645	PRS	.82	
Z92	5	50	1303	5-50			.30	Z150	20	450	1709	2045	PRS	.91	
Z93	10	50	1304	10-50	PRS	32	.59	Z151	30	450	1711	3045	PRS	1.00	
Z94	20	50			PRS		.59	Z152	40	450	1712	4045	PRS	1.06	
Z95	25	50	1306	25-50	PRS	36	.62	Z153	50	450	1713			1.23	
Z96	50	50	1308		PRS	39	.71	Z154	60	450		6045	PRS	1.38	
Z97	100	50	1310	100-50	PRS	3601	.82	Z155	80	450	1716	8045	PRS	1.65	
Z98	150	50	1311	150-50	PRS		.91	Z156	100	450				1.88	
Z99	250	50	1312	250-50	PRS	50025	1.03	Z157	10	475	1802			.79	
Z100	500	50		500-50			1.41	Z158	20	475	1804			.94	
Z101	4	150	1402	4-150	PRS		.59	Z159	4	500		450	PRS	.71	
Z102	8	150			PRS		.59	Z160	8	500	1902	850	PRS	.76	
Z103	8	150	1405	8-150	PRS	40	.62	Z161	10	500				.79	
Z104	10	150	1406	10-150	PRS	42	.62	Z162	12	500		1250	PRS	.82	
Z105	12	150	1407	12-150	PRS	43	.65	Z163	16	500	1905	1650	PRS	.88	
Z106	16	150	1409	16-150	PRS	44	.68	Z164	20	500	1906	2050	PRS	.94	
Z107	20	150	1410	20-150	PRS	45	.71	Z165	30	500		3050	PRS	1.03	
Z108	24	150			PRS		.73	Z167	8	600		60R	PRS	1.23	
Z109	25	150		25-15			.73	Z168	10	600		HV610	PRS	1.29	
Z110	30	150	1412	30-15	PRS	47	.76	Z169	12	600				1.41	
Z111	40	150	1413	40-15	PRS	48	.79	Z170	16	600				1.62	
Z112	50	150	1414	50-15	PRS	49	.82	Z171	20	600				1.59	
Z113	60	150		60-15	PRS		.88	Z172	8	700		70R	PRS	1.29	
Z114	80	150	1418	80-15	PRS	492	.94	Z173	10	700		710	PRS	1.43	
Z115	100	150	1420	100-15	PRS		1.03	Z174	12	700		712	PRS	1.44	
Z116	150	150	1422	150-15	PRS		1.12	Z175	16	700		716	PRS	1.56	
Z117	200	150			PRS		1.29								

DUAL SECTION — COMMON NEGATIVE

Stock No.	Cap. Mfd.	W.V.	Sprague TVA	C-D BBR	Aerovox PRS	Mallory TCD	Net ea.	Stock No.	Cap. Mfd.	W.V.	Sprague TVA	C-D BBR	Aerovox PRS	Mallory TCD	Net ea.
Z200	10-10	25					2210	Z201	20-20	25					.82
Z201	20-20	25					2202	Z202	25-25	25					.82
Z202	25-25	25						Z203	10-10	50	2315	115	PRS	26	.82
Z203	10-10	50						Z204	8-8	150	2415				.88
Z204	8-8	150						Z205	8-16	150					.91
Z205	8-16	150						Z206	16-16	150	2420				1.06
Z206	16-16	150						Z207	20-10	150					.91
Z207	20-10	150						Z208	20-12	150	2425	2115	PRS	45	.91
Z208	20-12	150						Z209	20-20	150	2428	2215	PRS		.97
Z209	20-20	150						Z210	30-20	150	2421	3215	PRS		1.00
Z210	30-20	150						Z211	30-30	150	2434	3315	PRS		4.7
Z211	30-30	150						Z212	40-20	150	2438	4215	PRS	485	1.03
Z212	40-20	150						Z213	40-30	150	2442	4315	PRS		1.06
Z213	40-30	150						Z214	40-40	150	2445	4415	PRS		1.06
Z214	40-40	150						Z215	50-30	150	2450	5315	PRS	49	1.15
Z215	50-30	150						Z216	50-50	150	2453	5515	PRS	49	1.23
Z216	50-50	150						Z217	80-40	150	2460				1.29
Z217	80-40	150						Z218	80-50	150		8415	PRS		1.29
Z218	80-50	150						Z219	80-50	150					1.38
Z219	80-50	150						Z220	100-100	150		101015	PRS		1.88
Z220	100-100	150						Z221	8-8	200					.88
Z221	8-8	200						Z222	8-16	200					.94
Z222	8-16	200						Z223	16-16	200					1.00
Z223	16-16	200						Z224	30-30	200					1.26
Z224	30-30	200						Z225	8-8	250		8D25	PRS		.94
Z225	8-8	250						Z226	10-10	250					.97
Z226	10-10	250						Z227	16-8	250		16R25	PRS	52	.97
Z227	16-8	250						Z228	16-16	250		16D25	PRS		1.00
Z228	16-16	250						Z229	20-20	250	2515	2225	PRS	35	1.09
Z229	20-20	250						Z230	30-20	250		3825	PRS		1.32
Z230	30-20	250						Z231	40-10	250	2620				1.21
Z231	40-10	250						Z232	75-20	250		7V225	PRS		1.53
Z232	75-20	250						Z233	80-10	250	2525				1.50
Z233	80-10	250						Z234	10-10	350					62
Z234	10-10	350						Z235	20-20	350					65
Z235	20-20	350						Z236	8-8	450	2720	8D45	PRS	71	1.00
Z236	8-8	450						Z237	10-16	450	2722				72
Z237	10-16	450						Z238	15-15	450					1.09
Z238	15-15	450						Z239	16-8	450	2725	16R45	PRS	74	1.18
Z239	16-8	450						Z240	16-16	450		16D45	PRS		1.32
Z240	16-16	450						Z241	20-20	450	2730	2245	PRS	75	1.47
Z241	20-20	450						Z242	30-30	450	2735	3345	PRS		1.76
Z242	30-30	450						Z243	40-20	450					1.73
Z243	40-20	450						Z244	40-40	450	2740	4445	PRS	78	2.00
Z244	40-40	450													

SPRAGUE AEROVOX MALLORY

Lafayette

LAFAYETTE MOLDED BY-PASS CONDENSERS

EVERY CONDENSER SOLD ON MONEY BACK GUARANTEE

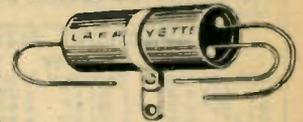


For general replacement service, extremely durable and very compact. Have high insulation resistance. Moulded in extra hard, non-inflammable plastic, resistant to moisture, high temperature and shock. Extra strong copper weld leads eliminate breakage during installation. Temperature range -40° to 90° C. Made by a leading condenser manufacturer.

Stock No.	Mfd.	Voltage	Price Ea.	Price in lots of 10	Box of 100
C500	.001	600	10¢	9¢	7.50
C501	.002	600	10¢	9¢	7.50
C502	.005	600	10¢	9¢	7.50
C503	.01	600	10¢	9¢	7.50
C507	.02	600	11¢	10¢	7.95
C508	.03	600	12¢	11¢	9.50
C505	.05	600	12¢	11¢	9.50
C506	.1	600	16¢	14¢	12.50
C525	.005	1600	14¢	12¢	10.25
C526	.008	1600	14¢	12¢	10.25
C527	.01	1600	14¢	12¢	10.25
C528	.05	1600	20¢	18¢	15.50

LAFAYETTE TUBULAR ELECTROLYTICS

The 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. ONE OF THE BEST CONDENSERS ON THE MARKET TODAY, AND AT A CONSIDERABLE SAVING TO YOU!



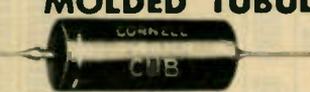
FRESH STOCK MONEY BACK GUARANTEE

Stock No.	Mfd.	W. V.	Net Each	Price in lots of 10
C-128	10	25	29¢	27¢
C-129	25	25	31¢	28¢
C-100	20	150	36¢	33¢
C-101	40	150	40¢	37¢
C-113	8	450	41¢	36¢
C-130	20	450	56¢	51¢
C-131	40	450	63¢	57¢
C-127	20-20	150	56¢	50¢
C-125	30-30	150	60¢	54¢
C-126	40-40	150	62¢	57¢
C-102	50-30	150	62¢	57¢
C-106	50-50	150	66¢	60¢

MOLDED TUBULAR CAPACITORS



SPRAGUE BLACK BEAUTY TELECAP



CORNEILL-OUBILLIER CUB TYPE



AEROVOX DURANITE TYPE P88N



MALLORY GEM TYPE PT

200 VOLTS DC WORKING

Stock No.	Cap. Mfd.	Sprague Type 2TM	C-B Type Cub	Aerovox Type P88N	Mallory Type GEM	Net Ea.
Z500	.02	S2	2S2	P88N		.15
Z501	.047	S17	2S47	P88N		.15
Z502	.09	S5	2S5	P88N		.15
Z503	.15	P1	2P1	P88N	201	.21
Z504	.15	P15	2P15	P88N	2015	.21
Z505	.22	P22	2P22	P88N	2022	.24
Z506	.25	P25	2P25	P88N	2025	.24
Z507	.33	P33	2P33	P88N	2033	.29
Z508	.47	P47	2P47	P88N	2047	.35
Z509	.5	P5	2P5	P88N	205	.35
Z510	1.0	M1	2W1	P88N	21	.53

400 VOLTS DC WORKING

Stock No.	Cap. Mfd.	Sprague Type 4TM	C-B Type Cub	Aerovox Type P88N	Mallory Type GEM	Net Ea.
Z520	.001			P88N	421	.15
Z521	.0068			P88N		.15
Z522	.0075			P88N		.15
Z523	.01	S1	4S1	P88N	411	.15
Z524	.015	S15	4S15	P88N	4115	.15
Z525	.02	S2	4S2	P88N	412	.15
Z526	.022	S22	4S22	P88N	4122	.18
Z527	.025	S25	4S25	P88N	4125	.18
Z528	.03	S3	4S3	P88N	413	.18
Z529	.033	S33	4S33	P88N	4133	.18
Z530	.04	S4	4S4	P88N	414	.18
Z531	.047	S17	4S17	P88N	4147	.18
Z532	.05	S5	4S5	P88N	415	.18
Z533	.068	S68	4S68	P88N	4168	.21
Z534	.1	P1	4P1	P88N	401	.21
Z535	.15	P15	4P15	P88N	4015	.24
Z536	.2	P2	4P2	P88N	402	.24
Z537	.22	P22	4P22	P88N	4022	.24
Z538	.25	P25	4P25	P88N	4025	.24
Z539	.47	P47	4P47	P88N	4047	.35
Z540	.5	P5	4P5	P88N	405	.35
Z541	1.0	P10	4W10	P88N	4010	.53

600 VOLTS DC WORKING

Stock No.	Cap. Mfd.	Sprague Type 6TM	C-B Type Cub	Aerovox Type P88N	Mallory Type GEM	Net Ea.
Z550	.001			P88N		.15
Z551	.00025	T25	6T25	P88N		.15
Z552	.0004	T3	6T3	P88N		.15
Z553	.0005	T5	6T5	P88N		.15
Z554	.001	D1	6D1	P88N	621	.15
Z555	.0015	D15	6D15	P88N	6215	.15
Z556	.002	D2	6D2	P88N	622	.15
Z557	.0022	D22	6D22	P88N	6222	.15
Z558	.003	D3	6D3	P88N	623	.15
Z559	.0033	D33	6D33	P88N	6233	.15
Z560	.004	D4	6D4	P88N	624	.15
Z561	.0047	D47	6D47	P88N	6247	.15
Z562	.005	D5	6D5	P88N	625	.15
Z563	.006	D6	6D6	P88N	626	.15
Z564	.0068	D68	6D68	P88N	6268	.15
Z565	.007	D7	6D7	P88N	627	.15
Z566	.0075	D75	6D75	P88N	6275	.15
Z567	.01	S1	6S1	P88N	611	.18
Z568	.015	S15	6S15	P88N	6115	.18
Z569	.02	S2	6S2	P88N	612	.18
Z570	.022	S22	6S22	P88N	6122	.18
Z571	.025	S25	6S25	P88N	6125	.18
Z572	.03	S3	6S3	P88N	613	.18
Z573	.033	S33	6S33	P88N	6133	.18
Z574	.04	S4	6S4	P88N	614	.18
Z575	.047	S47	6S47	P88N	6147	.21
Z576	.05	S5	6S5	P88N	615	.24
Z577	.06	S6	6S6	P88N	616	.24

800 VOLTS DC WORKING

Stock No.	Cap. Mfd.	Sprague Type 8TM	C-B Type Cub	Aerovox Type P88N	Mallory Type GEM	Net Ea.
Z578	.068	S68	8S68	P88N	6168	.24
Z579	.075	S75	8S75	P88N	6175	.26
Z580	.1	P1	8P1	P88N	601	.26
Z581	.15	P15	8P15	P88N	6015	.29
Z582	.2	P2	8P2	P88N	602	.32
Z583	.22	P22	8P22	P88N	6022	.32
Z584	.25	P25	8P25	P88N	6025	.32
Z585	.47	P47	8P47	P88N	6047	.47
Z586	.5	P5	8P5	P88N	605	.47
Z587	1.0	P10	8W10	P88N	61	.73

1000 VOLTS DC WORKING

Stock No.	Cap. Mfd.	Sprague Type 10TM	C-B Type Cub	Aerovox Type P88N	Mallory Type GEM	Net Ea.
Z600	.0005	T5	10T5	P88N	1021	.29
Z601	.001	D1	10D1	P88N	10215	.29
Z602	.0015	D15	10D15	P88N	10215	.29
Z603	.002	D2	10D2	P88N	1022	.29
Z604	.0022	D22	10D22	P88N	10222	.29
Z605	.003	D3	10D3	P88N	1023	.29
Z606	.0033	D33	10D33	P88N	10233	.29
Z607	.004	D4	10D4	P88N	1024	.29
Z608	.0047	D47	10D47	P88N	10247	.29
Z609	.005	D5	10D5	P88N	1025	.29
Z610	.006	D6	10D6	P88N	1026	.29
Z611	.0068	D68	10D68	P88N	10268	.29
Z612	.007	D7	10D7	P88N	1027	.29
Z613	.01	S1	10S1	P88N	1011	.29
Z614	.015	S15	10S15	P88N	10115	.29
Z615	.02	S2	10S2	P88N	1012	.29
Z616	.022	S22	10S22	P88N	10122	.29
Z617	.025	S25	10S25	P88N	10125	.29
Z618	.03	S3	10S3	P88N	1013	.29
Z619	.033	S33	10S33	P88N	10133	.29
Z620	.04	S4	10S4	P88N	1014	.29
Z621	.047	S47	10S47	P88N	10147	.35
Z622	.05	S5	10S5	P88N	1015	.35
Z623	.05	S5	10S5	P88N	1015	.35
Z624	.06	S6	10S6	P88N	1016	.35
Z625	.068	S68	10S68	P88N	10168	.38
Z626	.07	P7	10P7	P88N	1017	.44

1600 VOLTS DC WORKING

Stock No.	Cap. Mfd.	Sprague Type MB	C-B Type Cub	Aerovox Type P88N	Net Ea.
Z640	.0005	T5	16T5	P88N	.30
Z641	.001	D1	16D1	P88N	.38
Z642	.0015	D15	16D15	P88N	.38
Z643	.002	D2	16D2	P88N	.38
Z644	.0022	D22	16D22	P88N	.38
Z645	.003	D3	16D3	P88N	.38
Z646	.0033	D33	16D33	P88N	.38
Z647	.004	D4	16D4	P88N	.38
Z648	.0047	D47	16D47	P88N	.38
Z649	.005	D5	16D5	P88N	.38
Z650	.006	D6	16D6	P88N	.38
Z651	.0068	D68	16D68	P88N	.38
Z652	.007	D7	16D7	P88N	.38
Z653	.0075	D75	16D75	P88N	.38
Z654	.008	D8	16D8	P88N	.38
Z655	.01	S1	16S1	P88N	.41
Z656	.015	S15	16S15	P88N	.41
Z657	.02	S2	16S2	P88N	.41
Z658	.022	S22	16S22	P88N	.41
Z659	.025	S25	16S25	P88N	.41
Z660	.03	S3	16S3	P88N	.41
Z661	.033	S33	16S33	P88N	.41
Z662	.04	S4	16S4	P88N	.41
Z663	.05	S5	16S5	P88N	.41

HIGH VOLTAGE MOLDED TUBULAR CAPACITORS

Stock No.	Cap. Mfd.	DC Working Volts	Sprague	Cornell-Oublier	Net Ea.
Z675	.0005	6000	1VM-356	60T5	.79
Z676	.001	6000	1VM-216	60D1	.79
Z677	.005	6000	1VM-236	60D5	.79
Z678	.0025	10,000	T31-351	100T5	.88
Z679	.0025	12,500	12TVM-325	125T25	1.00

SPRAGUE TYPE 68P MIDGET TUBULARS

No.	Type	Mfd.	Size	Each
Z700	68P10	.25	1-7/8x1-1/8"	.41
Z701	68P20	.5	5/8x1-1/8"	.47

Small size paper capacitors with humidity protection and operating to 50° C. Suited for use in electronic assemblies that require high temperature operation, good humidity performance, minimum size and moderate cost. Ideal replacements for midget radios and auto radios.

100 VOLTS DC WORKING

No.	Type	Mfd.	Size	Each
Z702	68P11	.005	1/4x1-1/16"	.21
Z703	68P12	.006	1/4x1-1/16"	.21
Z704	68P13	.008	9/32x1-1/16"	.24
Z705	68P15	.02	9/32x1-1/16"	.26
Z706	68P16	.05	5/16x1-1/8"	.29
Z707	68P17	.1	3/8x1-1/8"	.35
Z708	68P18	.2	1/2x2x1-1/8"	.38
Z709	68P21	.25	1-7/8x1-1/8"	.41
Z710	68P25	.5	5/8x1-3/8"	.47

400 VOLTS DC WORKING

No.	Type	Mfd.	Size	Each
Z711	68P1	.001	1/4x1-1/16"	.21
Z712	68P3	.003	1/4x1-1/16"	.21
Z713	68P4	.004	1/4x1-1/16"	.21
Z714	68P5	.005	1/4x1-1/16"	.21
Z715	68P6	.006	1/4x1-1/16"	.21
Z716	68P8	.01	5/16x1-1/8"	.24
Z717	68P9	.02	5/16x1-1/8"	.26
Z718	68P10	.05	3/8x2x1"	.38
Z719	68P21	.1	1/2x2x1-1/8"	.39
Z720	68P28	.2	5/8x1-1/8"	.41
Z721	68P32	.25	5/8x1-3/8"	.44
Z722				

TWIST PRONG CAPACITORS CORNELL-SPRAGUE-MALLORY

CORNELL - DUBILIER
UP, UPT and UPE TYPES

Small, easily-mounted, round can-type electrolytic units furnished with bakelite and metal mounting washers. UPE types, designed for use in selenium rectifier circuits, have the letter X preceding their designator.

CAPACITORS SIZE CHART

SIZE			SIZE			SIZE		
CODE	DIA X H	CODE	DIA X H	CODE	DIA X H			
A	3/8" x 2 1/2"	G	1" x 3 1/2"	M	1 1/2" x 3 1/2"			
B	3/8" x 2 1/2"	H	1" x 4 1/2"	N	1 1/2" x 3 1/2"			
C	1" x 2 1/2"	I	1" x 4 1/2"	O	1 1/2" x 3 1/2"			
D	1" x 2 1/2"	J	1 1/2" x 2 1/2"	P	1 1/2" x 3 1/2"			
E	1" x 2 1/2"	K	1 1/2" x 2 1/2"	Q	1 1/2" x 3 1/2"			
F	1" x 2 1/2"	L	1 1/2" x 3"	R	1 1/2" x 3 1/2"			

SINGLE SECTION

Stock No.	Cap. Mfd.	DCWV	C.D. Type UP	Sprague Type TVL	Mallory Type WP-PP	CD	S	M	Net Easch
Z802	2000	8	A0040	1115			J	A	1.50
Z803	2255	15	A0053	1160	035		J	A	1.03
Z804	1000-1000	15	A0060	1165	039		J	A	1.21
Z805	2000	15	A0070	1168	041		J	A	1.23
Z806	3000	15	A0080	1170	042		J	A	1.26
Z807	4000	15	A0090	1173	051		J	A	1.29
Z808	500	25	A0120	1220	059		J	A	1.29
Z810	1000	25	A0130	1230	059		J	A	1.40
Z811	4	50	A0140	1317	072		J	A	1.50
Z812	100	50	A0140	1317	072		J	A	1.50

SINGLE SECTION

Stock No.	Cap. Mfd.	DCWV	C.D. Type UP	Sprague Type TVL	Mallory Type WP-PP	CD	S	M	Net Easch
Z813	150	50	A0150	1320	075		J	A	1.50
Z814	500	50	A0160	1320	065		J	A	1.50
Z815	1000	50	A0170	1328			J	A	1.50
Z816	1500	50	A0174	1341	068		J	A	1.50
Z817	200-40	150	A0182	1408	113		J	A	1.50
Z820	50	150	A0200	1415	115		J	A	1.50
Z821	80	150	XA0231	1420			J	A	1.50
Z822	100	150	XA0241	1423	116		J	A	1.50
Z823	120	150	A0250	1426	116.5		J	A	1.50
Z824	140	150	XA0248	1428			J	A	1.50
Z825	150	150	1428	1428			J	A	1.50
Z826	150	150	1428	1428			J	A	1.50
Z827	150	150	1428	1428			J	A	1.50
Z828	150	150	1428	1428			J	A	1.50
Z829	150	150	1428	1428			J	A	1.50
Z830	150	150	1428	1428			J	A	1.50
Z831	150	150	1428	1428			J	A	1.50
Z832	150	150	1428	1428			J	A	1.50
Z833	150	150	1428	1428			J	A	1.50
Z834	150	150	1428	1428			J	A	1.50
Z835	150	150	1428	1428			J	A	1.50
Z836	150	150	1428	1428			J	A	1.50
Z837	150	150	1428	1428			J	A	1.50
Z838	150	150	1428	1428			J	A	1.50
Z839	150	150	1428	1428			J	A	1.50
Z840	150	150	1428	1428			J	A	1.50
Z841	150	150	1428	1428			J	A	1.50
Z842	150	150	1428	1428			J	A	1.50
Z843	150	150	1428	1428			J	A	1.50
Z844	150	150	1428	1428			J	A	1.50
Z845	150	150	1428	1428			J	A	1.50
Z846	150	150	1428	1428			J	A	1.50
Z847	150	150	1428	1428			J	A	1.50
Z848	150	150	1428	1428			J	A	1.50
Z849	150	150	1428	1428			J	A	1.50
Z850	150	150	1428	1428			J	A	1.50
Z851	150	150	1428	1428			J	A	1.50
Z852	150	150	1428	1428			J	A	1.50
Z853	150	150	1428	1428			J	A	1.50
Z854	150	150	1428	1428			J	A	1.50
Z855	150	150	1428	1428			J	A	1.50
Z856	150	150	1428	1428			J	A	1.50
Z857	150	150	1428	1428			J	A	1.50
Z858	150	150	1428	1428			J	A	1.50
Z859	150	150	1428	1428			J	A	1.50
Z860	150	150	1428	1428			J	A	1.50
Z861	150	150	1428	1428			J	A	1.50
Z862	150	150	1428	1428			J	A	1.50
Z863	150	150	1428	1428			J	A	1.50
Z864	150	150	1428	1428			J	A	1.50
Z865	150	150	1428	1428			J	A	1.50
Z866	150	150	1428	1428			J	A	1.50
Z867	150	150	1428	1428			J	A	1.50
Z868	150	150	1428	1428			J	A	1.50
Z869	150	150	1428	1428			J	A	1.50
Z870	150	150	1428	1428			J	A	1.50
Z871	150	150	1428	1428			J	A	1.50
Z872	150	150	1428	1428			J	A	1.50
Z873	150	150	1428	1428			J	A	1.50
Z874	150	150	1428	1428			J	A	1.50
Z875	150	150	1428	1428			J	A	1.50
Z876	150	150	1428	1428			J	A	1.50
Z877	150	150	1428	1428			J	A	1.50
Z878	150	150	1428	1428			J	A	1.50
Z879	150	150	1428	1428			J	A	1.50
Z880	150	150	1428	1428			J	A	1.50
Z881	150	150	1428	1428			J	A	1.50
Z882	150	150	1428	1428			J	A	1.50
Z883	150	150	1428	1428			J	A	1.50
Z884	150	150	1428	1428			J	A	1.50
Z885	150	150	1428	1428			J	A	1.50
Z886	150	150	1428	1428			J	A	1.50
Z887	150	150	1428	1428			J	A	1.50
Z888	150	150	1428	1428			J	A	1.50
Z889	150	150	1428	1428			J	A	1.50
Z890	150	150	1428	1428			J	A	1.50
Z891	150	150	1428	1428			J	A	1.50
Z892	150	150	1428	1428			J	A	1.50
Z893	150	150	1428	1428			J	A	1.50
Z894	150	150	1428	1428			J	A	1.50
Z895	150	150	1428	1428			J	A	1.50
Z896	150	150	1428	1428			J	A	1.50
Z897	150	150	1428	1428			J	A	1.50
Z898	150	150	1428	1428			J	A	1.50
Z899	150	150	1428	1428			J	A	1.50
Z900	150	150	1428	1428			J	A	1.50
Z901	150	150	1428	1428			J	A	1.50
Z902	150	150	1428	1428			J	A	1.50
Z903	150	150	1428	1428			J	A	1.50
Z904	150	150	1428	1428			J	A	1.50
Z905	150	150	1428	1428			J	A	1.50
Z906	150	150	1428	1428			J	A	1.50
Z907	150	150	1428	1428			J	A	1.50
Z908	150	150	1428	1428			J	A	1.50
Z909	150	150	1428	1428			J	A	1.50
Z910	150	150	1428	1428			J	A	1.50
Z911	150	150	1428	1428			J	A	1.50
Z912	150	150	1428	1428			J	A	1.50
Z913	150	150	1428	1428			J	A	1.50
Z914	150	150	1428	1428			J	A	1.50
Z915	150	150	1428	1428			J	A	1.50
Z916	150	150	1428	1428			J	A	1.50
Z917	150	150	1428	1428			J	A	1.50
Z918	150	150	1428	1428			J	A	1.50
Z919	150	150	1428	1428			J	A	1.50
Z920	150	150	1428	1428			J	A	1.50
Z921	150	150	1428	1428			J	A	1.50
Z922	150	150	1428	1428			J	A	1.50
Z923	150	150	1428	1428			J	A	1.50
Z924	150	150	1428	1428			J	A	1.50
Z925	150	150	1428	1428			J	A	1.50
Z926	150	150	1428	1428			J	A	1.50
Z927	150	150	1428	1428			J	A	1.50
Z928	150	150	1428	1428			J	A	1.50
Z929	150	150	1428	1428			J	A	1.50
Z930	150	150	1428	1428			J	A	1.50
Z931	150	150	1428	1428			J	A	1.50
Z932	150	150	1428	1428			J	A	1.50
Z933	150	150	1428	1428			J	A	1.50
Z934	150	150	1428	1428			J	A	1.50
Z935	1								

TWIST PRONG CAPACITORS TRIPLE SECTION (cont.)

Stock No.	Cap. Mfd.	DCWV	C.D. Type UP	Sprague Type TVL	Mallory Type WP-PP	CD	Size	Net Each	Stock No.	Cap. Mfd.	DCWV	C.D. Type UP	Sprague Type TVL	Mallory Type WP-PP	CD	Size	Net Each
Z1164	5-80-40	450-300-300	C1231	3714.7	342.2	Q	L P I	2.44	Z1180	15-15-15	450	C0254	3778.2		E K E	E K E	1.82
Z1165	60-80-20	450-400-250		3720	344.2	L	L P I	2.21	Z1092	20-10-10	450	C0260	3779		E K E	E K E	1.71
Z1166	60-80-20	450-400-250	C1443			L	L P I	3.33	Z1093	20-20-20	450	C0270	3780		E K E	E K E	2.12
Z1167	30-15-40	450-350-25	C1412	3722.3	342.5	J	J P L	2.18	Z1094	30-20-10	450	C0280	3781		E K E	E K E	2.27
Z1064	30-40-50	450-350-25	C1414	3723	342.7	J	J P L	2.18	Z1095	30-30-30	450	C0300	3782		E K E	E K E	2.56
Z1067	10-40-150	450-350-350	C1248	3724.4	343.8	K	K L L	2.06	Z1096	30-60-10	450	C0310	3790		E K E	E K E	2.65
Z1188	20-80-10	450-350-350	C1246	3724.5		N	N L L	2.50	Z1097	40-10-10	450	C0320	3783	376.8	E K E	E K E	1.91
Z1070	10-10-10	450-450-25		3729		D	D L L	1.41	Z1098	40-30-20	450	C0330	3784		E K E	E K E	2.67
Z1071	10-10-20	450-450-25	C0910	3731	345.2	C	C D D	1.41	Z1099	40-40-10	450	C0340	3785		E K E	E K E	2.42
Z1073	15-15-40	450-450-25	C0945	3734	345.5	E	E D D	1.59	Z1100	40-40-40	450	C0350	3787		E K E	E K E	2.88
Z1074	20-16-20	450-450-25	C0950	3735		D	D E D	1.79	Z1182	50-40-30	450	C0355	3788	377.2	E K E	E K E	2.88
Z1075	20-20-20	450-450-25	C0960	3739	345.8	K	K L L	2.09	Z1101	60-20-20	450	C0365	3789		E K E	E K E	2.90
Z1077	40-30-30	450-450-25	C1020	3741		L	L K L	2.39	Z1183	60-20-20	450	C0370	3791		E K E	E K E	3.10
Z1169	30-30-125	450-450-25	C1034	3743		K	K L L	2.06	Z1184	60-20-20	450	C0380	3793	378	E K E	E K E	1.62
Z1170	40-20-20	450-450-25	C1060	3743.7	345.3	L	L K L	2.32	Z1185	80-80-50	475-150-50	C1449	3801.5	381.1	E K E	E K E	2.85
Z1078	40-40-20	450-450-25	C1070	3744		L	L K L	2.32	Z1186	10-4-100	475-350-250	C1445.3			E K E	E K E	1.82
Z1171	40-40-25	450-450-25	C1080	3744.2		L	L K L	2.58	Z1187	10-4-100	475-350-250	C1445			E K E	E K E	2.47
Z1079	80-40-100	450-450-25	C1106	3745	364	Q	Q D P	3.00	Z1188	10-4-100	475-350-250	C1444	3807		E K E	E K E	3.24
Z1080	10-10-40	450-450-50	C0920	3749		D	D E E	1.47	Z1189	10-4-100	475-350-250	C1443	3813.3	385	E K E	E K E	3.09
Z1081	20-10-50	450-450-50	C0970	3751	368	E	E K K	2.06	Z1190	10-4-100	475-350-250	C1444	3819	385.5	E K E	E K E	2.85
Z1173	30-10-150	450-450-50	C1005	3752	387	L	L L L	2.33	Z1191	20-20-60	475-475-450	C0371	3822	391.1	E K E	E K E	2.70
Z1174	30-10-150	450-450-50	C1036	3752		L	L L L	2.33	Z1192	20-20-60	475-475-450	C0372	3822	391.1	E K E	E K E	2.85
Z1175	40-10-100	450-450-50	C0140	3754.2		L	L L L	2.53	Z1193	30-30-20	475	C0373	3842.6	396.12	E K E	E K E	3.03
Z1083	40-40-100	450-450-50	C1090	3765		N	N M P	2.53	Z1194	40-20-20	475	C0374	3843	396.12	E K E	E K E	1.92
Z1084	60-40-75	450-450-50	C1104	3768	368.3	N	N M P	2.71	Z1195	40-20-20	475	C0375	3843	396.12	E K E	E K E	2.85
Z1178	80-20-180	450-450-50	C1108	3768	369.1	N	N M L	2.42	Z1192	20-10-100	500-500-500	C1150	3928		E K E	E K E	1.58
Z1085	40-40-150	450-450-50	C1109	3769	370	N	N M L	2.30	Z1120	40-40-100	500-500-200	C1180	3935		E K E	E K E	2.47
Z1086	40-10-80	450-450-200	C1105	3761		N	N M L	2.62	Z1193	20-20-60	500-500-450	C1162	3952		E K E	E K E	2.85
Z1177	40-40-60	450-450-200	C1102	3763		N	N M P	2.62	Z1194	20-20-60	500-500-450	C1162	3952		E K E	E K E	1.58
Z1087	40-40-100	450-450-200	C1103	3764	375	P	P P P	2.81	Z1195	30-20-20	500	C0380	3956		E K E	E K E	2.47
Z1178	40-40-80	450-450-350	C1103.5	3774	375.5	P	P P P	2.50	Z1196	40-10-10	500	C0400	3962		E K E	E K E	2.30
Z1179	50-5-50	450-450-350	C0240	3776		D	D E P	1.53	Z1197	40-40-10	500	C0410	3965		E K E	E K E	2.97

QUADRUPLE SECTION

Stock No.	Cap. Mfd.	DCWV	C.D. Type UP	Sprague Type TVL	Mallory Type WP-PP	CD	Size	Net Each	Stock No.	Cap. Mfd.	DCWV	C.D. Type UP	Sprague Type TVL	Mallory Type WP-PP	CD	Size	Net Each
Z1291	50-20-150-30	150-150-15-15	XD0862	4408	403	J	J J J	1.85	Z1299	10-40-100-100	450-350-250-50	D0953	4705.5	423.4	L N N	L L L	3.27
Z1201	20-20-160-40	150-150-25-25	XD0884	4409	405	J	J J J	1.99	Z1300	10-100-10-20	450-350-350-25	D0750	4706		L N N	L L L	3.06
Z1292	50-40-180-40	150-150-25-25		4410.7	405.5	J	J J J	2.03	Z1301	10-60-40-25	450-350-350-25	D0740	4707.2	425.1	L N N	L L L	2.41
Z1293	40-40-200-30	150-150-150-10	D0230	4413	407.5	J	J J J	1.86	Z1302	10-40-30-30	450-350-350-25	D0730	4708		L N N	L L L	3.52
Z1204	60-40-100-100	150-150-150-10	D0300	4414	408	J	J J J	2.03	Z1303	10-20-100-300	450-350-350-25	D0764	4711	426	L N N	L L L	2.03
Z1294	30-30-30-40	150-150-150-25	D0210	4415		J	J J J	1.87	Z1304	20-150-20-20	450-450-25-25	D0890	4712		L N N	L L L	2.09
Z1205	40-20-20-20	150-150-150-25	D0220	4416		J	J J J	1.82	Z1305	40-40-30-20	450-450-25-25	D0818	4712.7	426.5	L N N	L L L	3.35
Z1206	40-40-30-20	150-150-150-25	D0240	4420	409	J	J J J	1.85	Z1306	40-40-125-125	450-450-150-25	D0810	4713	427.5	L N N	L L L	2.26
Z1207	40-40-40-20	150-150-150-25	D0250	4421		J	J J J	2.09	Z1307	10-10-60-100	450-450-200-50	D0820	4714	428.4	L N N	L L L	2.73
Z1208	40-40-180	150-150-150-25	D0270	4423	409.4	J	J J J	2.06	Z1308	25-25-100-100	450-450-200-200	D0914	4714.3		L N N	L L L	3.58
Z1209	40-40-180	150-150-150-25	D0280	4424.5		J	J J J	2.06	Z1309	40-40-100-60	450-450-350-350	D0920	4720	428.4	L N N	L L L	1.85
Z1210	40-40-180	150-150-150-25	D0290	4425		J	J J J	2.06	Z1310	10-10-10-20	450-450-450-25	D0480	4723		L N N	L L L	2.44
Z1211	80-40-100	150-150-150-25	D0325	4432	411.32	J	J K K	2.12	Z1311	20-20-20-20	450-450-450-25	D0550	4725	428.0	L N N	L L L	2.65
Z1212	80-40-100	150-150-150-25	D0330	4434		J	J K K	2.12	Z1312	30-30-10-125	450-450-450-25	D0555	4726	428	L N N	L L L	2.73
Z1213	80-40-100	150-150-150-25	D0336	4437	411.5	Q	Q L L	3.50	Z1313	40-10-10-250	450-450-450-25	D0624	4731		L N N	L L L	2.71
Z1214	100-90-60-200	150-150-150-75	D0338	4441	411.8	L	L L L	1.94	Z1314	40-20-20-20	450-450-450-25	D0630	4732	428	L N N	L L L	2.85
Z1300	200-20-100-10	150-150-150-75	D0370	4441		L	L L L	2.73	Z1315	40-20-20-40	450-450-450-25	D0640	4736		L N N	L L L	2.76
Z1301	40-40-40-30	150	D0414	4445	412	L	L L L	3.03	Z1316	40-40-10-20	450-450-450-25	D0663	4737	430.8	L N N	L L L	2.94
Z1215	100-80-10-10	250-250-250-50	D0360	4517	417.3	N	N M P	3.12	Z1317	40-40-20-20	450-450-450-25	D0674	4739.4	430.8	L N N	L L L	3.23
Z1216	100-40-10-100	250-250-250-50	D0710	4518	417.8	R	R M P	3.15	Z1318	40-40-20-20	450-450-450-25	D0678	4739.5	430.85	L N N	L L L	3.13
Z1302	20-150-150-100	300-150-150-30	D0894	4559		R	R M P	3.15	Z1319	40-40-40-10	450-450-450-25	D0683.2	4739	430.8	L N N	L L L	3.79
Z1303	10-200-140-30	300-150-150-150	XD0894.5	4559.2	417.8	R	R M P	3.15	Z1320	40-40-40-10	450-450-450-25	D0684	4740	437	L N N	L L L	2.87
Z1304	10-200-140-30	300-150-150-150	XD0894.5	4559.5		N	N M P	3.23	Z1321	80-40-5-20	450-450-450-25	D0530	4740		L N N	L L L	2.98
Z1305	100-60-10-20	300-300-150-25	D0788.2	4560.6		N	N M P	3.23	Z1322	80-40-5-20	450-450-450-25	D0530	4741		L N N	L L L	2.70
Z1306	40-40-20-20	300-300-150-25	D0788.2	4560.6		N	N M P	3.23	Z1323	80-40-5-20	450-450-450-25	D0530	4742		L N N	L L L	2.88
Z1307	140-10-10-100	300-300-150-10	D0788.3	4561	418.7	N	N M P	3.23	Z1324	80-40-5-20	450-450-450-25	D0530	4743	431.3	L N N	L L L	2.79
Z1308	140-10-10-100	300-300-150-10	D0788.3	4561	418.7	N	N M P	3.23	Z1325	80-40-5-20	450-450-450-25	D0530	4744	431.3	L N N	L L L	2.82
Z1309	100-10-80-30	300-300-150-150	D0866	4561	419.4	R	R R P	3.47	Z1326	80-40-5-20	450-45						

EXPLANATION OF MALLORY TAPERS

Taper No. 1—For audio or antenna shunt circuits.
Taper No. 2—For series circuits or cathode voltage controls.
Taper No. 4 Linear taper for voltage divider circuits.

MALLORY MIDGETROL



A high quality round shaft carbon control only 1/4" 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 Pal-nut and instruction sheet.

Type	Ohms	Taper	Type	Ohms	Taper	Type	Ohms	Taper
U-1	100	4	U-22	15M	2	U-48	250M	2
U-2	500	4	U-24	20M	1	U-46	250M	4
U-3	1M	4	U-26	20M	4	U-40	500M	1
U-4	1M	4	U-28	25M	4	U-50	500M	4
U-5	1500	2	U-29	25M	4	U-51	750M	1
U-6L	1500	4	U-33	50M	1	U-53	1 Meg.	1
U-6	2M	4	U-34	50M	2	U-54	1 Meg.	4
U-7	2500	2	U-35	50M	4	U-55	1.5 Meg.	4
U-8	3M	4	U-36	75M	1	U-56	2 Meg.	1
U-9	3M	1	U-39	100M	2	U-58	2.5 Meg.	4
U-12	5M	2	U-40	100M	4	U-59	3 Meg.	4
U-14	5M	4	U-41	100M	4	U-61	5 Meg.	1
U-18	10M	1	U-41B	125M	4	U-62	10 Meg.	4
U-19	10M	2	U-42	150M	1			
U-20	10M	4	U-43	200M	4			
U-21	15M	1	U-44	250M	1			

Any Type Above, Each 82¢

SINGLE TAPPED MIDGETROLS

Type	Ohms	Tap At	Type	Ohms	Tap At	Type	Ohms	Tap At
UT-153	15M	10M	UT-411	500M	225M	UT-448	2 meg.	250M
UT-420	250M	50M	UT-449	1 meg.	200M	UT-454	2 meg.	400M
UT-423	350M	70M	UT-450	1 meg.	300M	UT-449	2 meg.	600M
UT-428	500M	60M	UT-441	1 meg.	450M	UT-451	2 meg.	900M
UT-427	500M	100M	UT-450	2 meg.	125M	UT-457	3 meg.	900M
UT-410	500M	150M	UT-461	3 meg.	300M			

Any Type Above, Each 1.21

DOUBLE TAPPED MIDGETROLS

Type	Overall Resistance	Tap Resistance		Type	Overall Resistance	Tap Resistance	
		Tap 1	Tap 2			Tap 1	Tap 2
UDT-281	500M	100M	200M	UDT-295	2.25 Meg.	250M	500M
UDT-289	1 Meg.	250M	500M	UDT-296	2.25 Meg.	500M	1 Meg.
UDT-291	1.5 Meg.	225M	500M	UDT-303	3.3 Meg.	300M	1.5Meg.

Any Type Above, Each 1.21

SU INSULATED SHAFT MIDGETROLS FOR TV

15/16" 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.

Type	Ohms	Type	Ohms	Type	Ohms
SU-6	1500	SU-35	50K	SU-56	2 Meg.
SU-8	3K	SU-41	100K	SU-56 1/2	2.5 Meg.
SU-14	5K	SU-45	250K	SU-59	2.5 Meg.
SU-20	10K	SU-50	500K	SU-67	5 Meg.
SU-28	25K	SU-54	1 Meg.		

Any Type Above, Each 82¢

ATTACHABLE MIDGETROL SWITCHES

Easily and quickly attached to any midgetrol shown on this page without disassembling control. Wt. 2 oz.

Type	Description	Each
US-36	Single pole, single throw	.38
US-26T	SPST—Has dummy terminal	.47
US-27	Double pole, single throw	.38
US-28	Single pole, double throw	.47

MIDGETROL ACCESSORIES

- DS-35 Flatted, Split-Knurled Shaft End. Special replacement for Zenith. Shpg. wt., 2 oz. NET 29¢
- 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 29¢
- DS-37 3/16" diameter shaft. For use with round-shaft Midgetrols to accommodate knobs requiring 3/16" shaft. Shpg. wt., 2 oz. NET 29¢
- EB-156 Special Bushing. 7/16"-28 thread, 1-11/16" long with 3/8" milled double flat. Shpg. wt., 2 oz. NET 49¢
- EB-214 Special Bushing. 1/2"-28 thread, 2-3/16" long with .403 milled double flat. Shpg. wt., 2 oz. NET 53¢

MALLORY 2-WATT WIREWOUND TV & INDUSTRIAL POTS

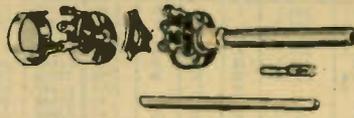
Especially designed for replacement of hold, positioning, focus, etc. controls of TV sets. Also suitable for voltage divider and bias applications. Dust-proof phenolic case 1 1/4" diameter. Insulated contact arm type. 1500 V. AC insulation. All have linear taper. Knurled, screw driver slotted stub shaft with 3/4" standard bushing. With Pal-nut. Center tapped.

Type	Ohms	Each	Type	Ohms	Each	Type	Ohms	Each
R2L	2	.82	R25L	25	.73	R1500L	1500	.91
R3L	3	.82	R30L	30	.73	R2500L	2500	.91
R4L	5	.82	R30CT*	30	1.09	R3000L	3000	.91
R6L	6	.82	R50L	50	.73	R5000L	5000	.91
R8L	8	.82	R50CT*	50	1.09	R7500L	7500	.91
R10L	10	.82	R100L	100	.73	R100ML	10000	.97
R10CT*	10	1.21	R250L	250	.73	R150ML	15000	.97
R15L	15	.82	R500L	500	.73	R200ML	20000	.97
R20L	20	.82	R750L	750	.73			
R20CT*	20	1.21	R1000L	1000	.82			

SWITCHES FOR 2-WATT POTS

US30	SPST	NET 38¢
US32	OPST	NET 47¢

DUAL CONCENTRIC MIDGETROLS FOR TV



Supplied as separate, front and rear control sections. Type UF and UR are 15/16" dia. carbon. Type WF is 2-watt, 1-7/16" dia. wirewound. Combinations service over 90% of all television sets and auto radios. Uses Midgetrol switches listed on this page. Hardware supplied with each UF front section includes: one inner shaft, one phenolic spacer, one coupling cup and two shaft ends to fit .187 and .202 RETMA knobs. Depth without switch: 1 1/4"; with switch 1-11/16". Instructions included. Shpg. wt., front section, 5 oz.; rear, 4 oz.

CARBON FRONT SECTIONS

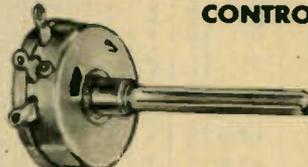
Type	Ohms	Taper	Type	Ohms	Taper
UF52L	500	4	UF54L	50K	4
UF13L	1000	4	UF54L	50K	4
UF13R	1000	2	UF753L	75K	4
UF152L	1500	4	UF15A	100K	1
UF152R	1500	2	UF15R	100K	2
UF23L	2000	4	UF15L	100K	4
UF23R	2000	2	UF254A	250K	1
UF252L	2500	4	UF254L	250K	4
UF252R	2500	2	UF55A	500K	1
UF33L	3000	4	UF55R	500K	2
UF33R	3000	2	UF55L	500K	4
UF533R	5000	2	UF16A	1 Meg.	1
UF53L	5000	4	UF16L	1 Meg.	1
UF73R	7000	2	UF155A	1.5 Meg.	1
UF14L	10K	4	UF155L	1.5 Meg.	1
UF14R	10K	2	UF26A	2 Meg.	4
UF153L	15K	4	UF26L	2 Meg.	4
UF233R	25K	2	UF254L	2.5 Meg.	4
UF233L	25K	4	UF46A	4 Meg.	1
UF34A	30K	1	UF106L	10 Meg.	4

Any Type Above, Each 1.29

WIREWOUND FRONT SECTIONS

Type	Ohms	Each	Type	Ohms	Each
WF32	300	1.35	WF152-		
WF751-	750	1.35	T52	1500	1.62
T51	750*	1.62	WF23	2000	1.35
WF751-			WF252	2500	1.35
T52	750	1.62	WF252-		
WF13	1000	1.35	T23	2500	1.62
WF1			WF33	3000	1.35
T251	1500	1.62	WF53	5000	1.35
WF152	1500	1.35	WF73	7000	1.35
			WF153	15000	1.35

TV WIREWOUND FOCUS CONTROLS

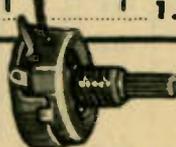


1 1/4" dia., 4 watt, wire-wound control having a special taper. 2" round shaft with screw-driver slot. Shaft length, 2". Shpg. wt., 4 oz.

No.	Ohms	Type	Shaft
TVF140	1500	WW	2"
TVF143	2500	WW	2"

NET EACH 1.21

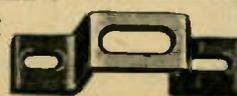
THEATER SPEAKER CONTROLS



Designed for use with Motiograph, Simplex, International and other outdoor theater motion picture equipment. Corrosion-resistant finish assures long, noise-free life. TSA-10 is an L-pad with 10-ohm input and 4-ohm output. TSA-35 is a 35-ohm series type potentiometer. TSA-6 is a 2-watt shunt-type attenuator. Knurled shaft, 1-1/16" dia., 3/4"-32 thread. Shpg. wt., 4 oz.

Type	Description	Net
TSA-10	4-ohm L Pad	1.29
TSA-35	35-ohm Potentiometer	.97
TSA-6	6-ohm Potentiometer	.97

ADJUSTABLE MOUNTING BRACKETS



RB249	Mounting centers 2 1/2"	Net 24¢
RB248	Mounting centers 1 3/4"	Net 21¢

CARBON REAR SECTIONS

Type	Ohms	Taper	Type	Ohms	Taper
UR13L	1000	4	UR15L	100K	4
UR132L	1500	4	UR254A	250K	4
UR23L	2000	4	UR254L	250K	4
UR252L	2500	4	UR354A	350K	1
UR352L	3500	4	UR55A	500K	1
UR532R	3500	2	UR55L	500K	4
UR53R	5000	2	UR16A	1 Meg	1
UR16R	5000	4	UR16L	1 Meg	4
UR14L	10K	2	UR26A	2 Meg	4
UR14L	10K	4	UR26L	2 Meg	4
UR263L	25K	4	UR255L	2.5 Meg	1
UR54L	50K	4	UR36A	3 Meg	1
UR753L	75K	4	UR56L	5 Meg	4
UR15R	100K	2			

Any Type Above, Each 65¢

SINGLE TAPPED CARBON FRONT SECTIONS

Type	Ohms	Tapped At
UF751-T52	750	500
UF252-T52	2500	500
UF252-T23	2500	2000
UF254-T753	250K	75K
UF55-T54	500K	50K
UF55-T254	500K	250K
UF16-T154	1 Meg.	200K
UF16-T35	1 Meg.	150K
UF26-T55	2 Meg.	500K

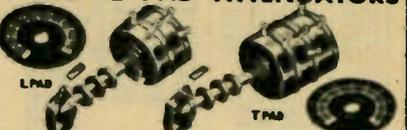
Any Type Above, Each 1.47

SINGLE TAPPED CARBON REAR SECTIONS

Type	Ohms	Tapped At
UR254-T753	250K	75K
UR354-T74	350K	70K
UR55-T54	500K	50K
UR55-T54	500K	150K
UR55-T254	500K	250K
UR16-T1253	1 Meg.	125K
UR16-T25	1 Meg.	200K
UR16-T254	1 Meg.	250K
UR16-T35	1 Meg.	300K
UR26-T25	2 Meg.	200K
UR26-T55	2 Meg.	500K
UR26-T95	2 Meg.	900K

Any Type Above, Each 82¢

T AND L PAD ATTENUATORS



For level control of low impedance audio circuits, volume control of microphones, movie projector amplifiers, etc. Handles peak audio rating of 15 watts. Accessories furnished: one Bar Knob, one Dial Plate with matched rotation, one nut, one lock washer, 2" grooved shaft, Bushing 3/8" dia. x 3/4" long. Shpg. wt., 7 oz.

"T" Pad No.	"L" Pad No.	Ohms
T2	L2	2
T4	L4	4
T6	L6	6
T8	L8	8
T15	L15	15
T50	L50	50
T100	L100	100
T200	L200	200
T250	L250	250
T500	L500	500
T600	L600	600
T1000	L1000	1000
T2000	L2000	2000
T3000	L3000	3000
	L4000	4000

"T" Pads each 2.76 "L" Pads each 2.44

IRC Q CONTROLS WITH UNIVERSAL SHAFTS



Knurled, flatted and slotted, 3" shaft. 15/16" 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 below. Av. shpg. wt., 4 oz.

Type	Ohms	Tpr.	Type	Ohms	Tpr.
Q11-201	250	A	Q13-128	100K	C
Q11-103	500	A	Q11-228	125K	A
Q11-105	750	A	Q11-328	150K	A
Q17-105	750	P	Q13-328	150K	C
Q11-108	1000	A	Q11-129	200K	A
Q17-108	1000	Q	Q11-130	250K	A
Q11-109	1500	A	Q11-130	250K	C
Q17-109	1500	Q	Q11-131	300K	A
Q11-110	2000	A	Q11-132	350K	A
Q17-110	2000	Q	Q13-132	350K	C
Q13-111	2500	O	Q11-133	500K	A
Q17-111	2500	Q	Q13-133	500K	C
Q11-112	3000	A	Q14-133	500K	D
Q17-112	3000	Q	Q17-133	500K	Q
Q11-114	5000	A	Q11-134	600K	A
Q17-114	5000	Q	Q11-136	750K	A
Q11-115	7500	A	Q13-137	1 meg	A
Q11-116*	10K	A	Q14-137	1 meg	C
Q13-116*	10K	C	Q17-137	1 meg	Q
Q14-116*	10K	D	Q11-138	1.5 meg	A
Q17-116	10K	Q	Q11-139	2 meg	A
Q11-119	20K	A	Q13-139	2 meg	A
Q16-119*	20K	S	Q17-139	2 meg	Q
Q11-120	25K	A	Q11-239	2.5 meg	A
Q13-120	25K	C	Q11-140	3 meg	A
Q14-120	25K	D	Q13-140	3 meg	C
Q11-121	30K	A	Q17-140	3 meg	Q
Q11-122	35K	A	Q11-141	5 meg	A
Q11-123	50K	A	Q12-141	5 meg	S
Q13-123	50K	C	Q13-141	5 meg	C
Q14-123*	50K	D	Q17-141	5 meg	Q
Q11-125	75K	A	Q11-142	7.5 meg	A
Q11-128	100K	A	Q11-143	10 meg	A

NET EACH..... 82c

TAPPED Q CONTROLS

All values are in megohms except with * which are in ohms.

Type	Megs	Taps	Ω	T	Type	Megs	Taps	Ω	T
Q17-105X	750*	250	S		Q17-137X	1.0	35K	S	
Q17-110X	2K*	250/500	S		Q17-137X	1.0	250K	S	H
Q13-118X	15K	10K	S		Q17-137X	1.0	50K/100K	S	S
Q13-188X	15K*	5K/10K	S		Q18-137X	1.0	250K/51	S	S
Q17-118X	15K*	5K	S		Q19-137X	1.0	51/11	S	S
Q17-118X	15K*	5K/10K	S		QVC-539X	1.0	.51	S	S
Q17-328X	.15	19K/38K	S		Q13-138X	1.5	.251	S	S
Q18-130X	.25	60K	H		Q19-139X	2.0	50K	S	S
Q13-130X	.25	125K	S		Q17-139X	2.0	150K	S	S
Q18-130X	.25	60K/120K	S		Q18-139X	2.0	250K/51	S	S
Q17-132X	.35	75K	S		Q13-139X	2.0	51/11	S	H
Q16-132X	.35	35K	H		Q18-139X	2.0	11	S	S
Q17-132X	.5	25K	S		Q13-140X	3.0	900K	S	S
Q18-132X	.5	50K	S		Q18-140X	3.0	1.51	S	S
Q19-133X	.5	125K	H						
Q19-133X	.5	250K	S						
Q18-133X	.5	100K/200K	S						

NET EACH..... 1.21

Q CONTROL SWITCHES

Quickly attached. U.I. Approved. Shpg. wt., 2 oz.
 Type 76-1—SPST.....Net 38c
 Type 76-2—DPST.....Net 38c

SPECIAL Q CONTROL SHAFTS

Type	Description	Net
AQ	Master shaft used in Q control.....	32c
BO	Slotted or tongued for remote auto control.....	73c
GO	Slotted Philco Shaft.....	44c
HO	RCA Shaft.....	59c
JO	1/8" Shaft for Zenith.....	59c
KO	Matarala Shaft.....	50c
LO	Belmont and Montgomery Ward Shaft.....	73c
MO	Belmont and Montgomery Ward Shaft.....	73c
NO	3/10" Universal Shaft.....	29c
PO	1/4" full round shaft. 1/4" or 3/8" bushing.....	24c
RO	1/8" long screw driver slotted shaft.....	29c
SO	3/4" long screw driver slotted shaft.....	29c
TO	Insulated shaft.....	38c
UO	Same as BO, but with clutch.....	73c
VO	Magnavox Shaft.....	59c
WO	Zenith Shaft.....	59c

4 WATT WIRE WOUND CONTROLS TYPE WPK



Universal wire wound control. For replacement of 2, 3 and 4 watt controls. Dimensions: 1-1/4" dia., 45/64" deep behind mounting face. 3" long Knab Master Shaft. Shpg. wt., 4 oz.

Type	Ohms	Tpr.	Type	Ohms	Tpr.
WPK10	10	U	WPK1500L	1500	L
WPK20	20	U	WPK2000	2000	U
WPK30	30	U	WPK2000L	2000	L
WPK50	50	U	WPK2250L	2250	L
WPK100	100	U	WPK2500	2500	U
WPK200	200	U	WPK2500R	2500	R
WPK250	250	U	WPK3000	3000	U
WPK300	300	U	WPK4000L	4000	L
WPK400	400	U	WPK5000	5000	U
WPK500	500	U	WPK5000L	5000	L
WPK600	600	U	WPK6000	6000	U
WPK650	650	U	WPK6000L	6000	L
WPK750	750	U	WPK7500	7500	U
WPK750L	750	L	WPK7500L	7500	L
WPK750R	750	R	WPK10000	10K	U
WPK1000	1000	U	WPK12500	12.5K	U
WPK1350	1350	U	WPK15000	15K	U
WPK1350R	1350	R	WPK20000	20K	U
WPK1500	1500	U	WPK25000	25K	U

Above Types 2-10K ohms.....each .97
 Above Types 10K-25K ohms.....each 1.21

TYPE WPS 4 WATT WIRE WOUND

Universal wire wound control. For replacement of 2, 3 and 4 watt controls. Dimensions: 1-1/4" dia., 45/64" deep behind mounting face. 3/4" long shaft, slatted and knurled. All types have linear taper except those marked * which have left hand taper for focus control.

Type	Ohms	Tap	Type	Ohms	Tap
WPS10X5	10	5	WPS200X100	200	100
WPS15X7.5	15	7.5	WPS250	250	—
WPS20X10	20	10	WPS500	500	—
WPS25	25	—	WPS500L*	500	—
WPS25X12.5	25	12.5	WPS1000	1000	—
WPS30X15	30	15	WPS1500	1500	—
WPS40	40	—	WPS2000	2000	—
WPS40X20	40	20	WPS2250	2250	—
WPS50X25	50	25	WPS2250L*	2250	—
WPS60	60	—	WPS2500	2500	—
WPS60X30	60	30	WPS3000	3000	—
WPS80X40	80	40	WPS4000	4000	—
WPS100X50	100	50	WPS4000L*	4000	—
WPS140X70	140	70	WPS4000L*	5000	—
WPS150X75	150	75	WPS5000	5000	—

Plain Controls.....each .97
 Tapped Controls.....each 1.29

SWITCHES FOR IRC "W" CONTROLS

76-11—SPST.....Net 38c
 76-12—DPST.....Net 38c

3 WATT CLAROSTAT SERIES 58 WIRE WOUND CONTROLS

Sturdy construction, yet capable of use for delicate control work. Smooth, noiseless operation with a high degree of stability. Precisely wound with alloy wire on thin bakelite strip. Perfect sliding contact. Shaft 1-1/2" long with 3/8" bushing. 1/4" diameter. All controls listed below are linear.

Type	Ohms	Type	Ohms	Type	Ohms	Type	Ohms
58-1	1	58-40	40	58-750	750	58-20K	20M
58-2	2	58-50	50	58-1000	1000	58-25K	25M
58-4	4	58-60	60	58-1500	1500	58-30K	30M
58-6	6	58-75	75	58-2000	2000	58-40K	40M
58-10	10	58-100	100	58-3000	3000	58-50K	50M
58-15	15	58-200	200	58-5000	5000		
58-20	20	58-300	300	58-7500	7500		
58-25	25	58-400	400	58-10M	10M		
58-30	30	58-500	500	58-15K	15M		

Any Above, thru 10,000 ohms.....Each .82
 15,000 ohms thru 25,000 ohms.....Each 1.06
 30,000 ohms thru 50,000 ohms.....Each 1.44

EXPLANATION OF IRC TAPERS

- A. Linear.
- C. Logarithmic, audio or antenna shunt.
- D. Tapered both ends; grid bias and antenna.
- H. Tapped top; 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.

MALLORY "M" AND "MT" WIRE WOUND CONTROLS

Used as bias controls and voltage dividers for industrial and laboratory work. Also for TV replacement. 4 watts. Arm insulated from shaft. Knurled 1/4" shaft is 3/8" long; has screwdriver slot and is hollow to accept extension shafts. MT types are center-tapped TV units. 1-5/8" dia. x 9/16". Mount in 3/8" hole. Linear taper. Shpg. wt., 4 oz.

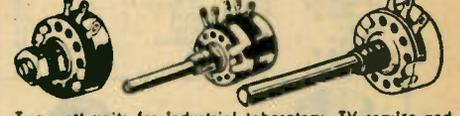


POTENTIOMETERS					
Type	Ohms	Net	Type	Ohms	Net
M1PK	1	.97	M400PK	400	.97
M3PK	3	.97	M500PK	500	.97
M6PK	6	.97	M600PK	600	.97
M10PK	10	.97	M1MPK	1000	1.09
MT10PK	10	1.29	M1.5MPK	1500	1.09
M15PK	15	.97	M2MPK	2000	1.09
M20PK	20	.97	M2.5MPK	2500	1.09
MT20PK	20	1.29	M3MPK	3000	1.09
M30PK	30	.97	M4MPK	4000	1.09
MT30PK	30	1.29	M5MPK	5000	1.09
M40PK	40	.97	M10MPK	10000	1.29
M50PK	50	.97	M15MPK	15000	1.29
M60PK	60	.97	M20MPK	20000	1.29
M75PK	75	.97	M25MPK	25000	1.29
M100PK	100	.97	M50MPK	50000	1.56
M200PK	200	.97	M70MPK	70000	1.56
M300PK	300	.97	M75MPK	75000	2.26
			M100MPK	100000	2.26

RHEOSTATS					
Type	Ohms	Amps	Type	Ohms	Amps
M05RK	1/2	2.80	M20RK	20	.45
M1RK	1	2.00	M25RK	25	.40
M2RK	2	1.40	M30RK	30	.37
M3RK	3	1.15	M40RK	40	.32
M4RK	4	1.00	M50RK	50	.28
M6RK	6	.82	M60RK	60	.26
M10RK	10	.63	M75RK	75	.23
M15RK	15	.52	M100RK	100	.20

Have open or "off" position counter-clockwise. Net each 82c
 Type 393 Dial Plate. For "M" Controls.....Net 13c

OHMITE "AB" POTENTIOMETERS



Two watt units for industrial, laboratory, TV service and other uses requiring high reliability. Molded resistor element for high safety factor. Dust-proof and splash-proof with imbedded contact and terminals to assure smooth, noise-free operation. Size: Single units, 1-1/16" dia. x 9/16". Double units, 1-1/16" dia. x 1-3/16". Mount in 3/8" hole on panels up to 1/4" thick. Type CU, CCU, CA and CB have 2" std. 1/4" round shafts; type CLU has locking nut and slotted shaft for screw driver adjustment. CU, CCU and CLU types have linear taper; CA types, clockwise logarithmic; CB types, counter-clockwise logarithmic. All 10% tolerance, except * 20%. Average shpg. wt., 3 oz.

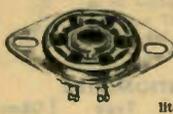
TYPES CA, CB, CU—2-INCH SHAFT					
Type	Ohms	Net	Type	Ohms	Net
CU5001	50	1.91	CB5031	50,000	2.20
CU1011	100	1.91	CU1041	100,000	1.91
CU2511	250	1.91	CA1041	100,000	2.20
CU5011	500	1.91	CU2541	250,000	1.91
CU1021	1000	1.91	CA2541	250,000	2.20
CU2521	2500	1.91	CU5041	500,000	1.91
CU5021	5000	1.91	CA5041	500,000	2.20
CU1031	10,000	1.91	CU1052	1 meg*	1.91
CB1031	10,000	2.20	CA1052	1 meg*	2.20
CU2531	25,000	1.91	CU2552	2.5 meg*	1.91
CB2531	25,000	2.20	CA2552	2.5 meg*	2.20
CU5031	50,000	1.91	CU5052	5 meg*	1.91

TYPE CLU—WITH LOCKING SHAFT					
Type	Ohms	Net	Type	Ohms	Net
CLU5001	50	2.50	CLU2531	25,000	2.50
CLU1011	100	2.50	CLU5031	50,000	2.50
CLU2511	250	2.50	CU1041	1 meg	2.50
CLU5011	500	2.50	CU2541	25 meg	2.50
CLU1021	1000	2.50	CU5041	5 meg	2.50
CLU2521	2500	2.50	CU1052	1.0 meg*	2.50
CLU5021	5000	2.50	CU2552	2.5 meg*	2.50
CLU1031	10,000	2.50	CU5052	5.0 meg*	2.50

TYPE CCU DUALS					
Type	Ohms	Net	Type	Ohms	Net

AMPHENOL, CINCH JONES SOCKETS, CONNECTORS, STRIPS

AMPHENOL SOCKETS & TUBE SHIELDS AMPHENOL "RS" SOCKETS



Removable steel adaptor plate with retainer ring allows replacement of most socket types. For mounting cts. from 1 1/4 to 1 1/2". Molded high dielectric bakelite. Mounts in 1 1/4" hole.

TYPE	PRONGS	EACH
78-R54	4	.12
78-R55	6	.13
78-R56	6	.14
78-R57L	7 Large	.19
78-R57S	7 Small	.14
78-R58	Octal	.13
78-R58L	Locktall	.18
78-R59	9	.19
78-R511	11	.17

AMPHENOL "S" SOCKETS

For new work. Single hole mounting, 1 1/16" dia. except 78S7L which requires 21/64". Firmly held by tempered steel retainer ring. 9 and 11 prong sockets for Amphenol connectors. 78S7L fits small and large base tubes. Molded high dielectric bakelite.

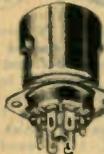
TYPE	PRONGS	EACH
78-S4	4	.08
78-S5	5	.09
78-S6	6	.10
78-S7L	7 Large	.15
78-S7S	7 Small	.11
78-S8	Octal	.10
78-S8L	Locktall	.14
78-S9	9	.12
78-S11	11	.13

AMPHENOL "MIP" SOCKETS



Molded high dielectric black bakelite with molded-in plate for 1 1/4" mounting centers. Firmly held—won't rattle or work loose. 1 5/32" mtg. hole except *1 1/4" mtg. hole, #1 9/32" mtg. hole.

TYPE	PRONGS	EACH
77-MIP-4	4	.09
77-MIP-5	5	.10
77-MIP-6	6	.12
77-MIP-7L	7 Large	.12
77-MIP-7S	7 Small	.13
77-MIP-8	Octal	.10
88-8*	Octal	.11
88-8*	Locktall	.14
77-MIP-9	9	.12
77-MIP-11	11	.13



AMPHENOL MINIATURE 7 & 9 PIN SOCKETS

Amphenol sockets for TV, FM, auto radios, etc. 147 series mounts on 3/4" chassis hole with 1/8" mtg. cts. 1/4" screw holes. 59 series mounts in 3/8" hole with 1/8" mtg. cts., .095" rivet holes. *estate. †Black Bakelite. ‡Mica-filled bakelite.

BOTTOM MOUNTING TYPE—FIG. B

TYPE	No. CONTACTS	EACH
147-500†	7	.15
147-501*	7	.25
147-505†	7	.15
59-409†	9	.20
59-410†	9	.20

TOP MOUNTING TYPE—FIG. A

Tube shield base accommodates tube shields listed below.

TYPE	No. CONTACTS	EACH
147-905†	7	.22
147-925†	7	.27
147-913†	7	.23
59-407†	9	.29
59-406†	9	.25

TUBE SHIELDS—FIG. C

For 7-Contact Bases

TYPE	HEIGHT	EACH
B-401	1 3/8"	.09
5-402	1 3/8"	.09

For 9-Contact Bases

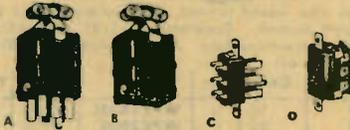
TYPE	HEIGHT	EACH
5-405	1 1/2"	.09
5-408	1-15/16"	.11
5-409	2"	.18

CABLE CLAMPS

Heavy gauge steel. No. 6 mounting hole, plated.

MS-246—1/4" 24 for .23; Gross for 1.17
MS-247—1/2" 12 for .15; Gross for 1.32

CINCH-JONES PLUGS & SOCKETS



Multiple contact "400" series heavy duty 25 ampere and "300" series standard duty 5 amp sizes. Cable type have clamps. Chassis type have brackets—heavy duty type at ends, standard type at sides.

PLUGS FIG. (A)

Standard Duty			Heavy Duty		
Cont.	No.	Each	No.	No.	Each
2	P-302-CCT	.43	P-402-CCT		.73
3	P-303-CCT	.46			
4	P-304-CCT	.51	P-404-CCT		.89
6	P-306-CCT	.56	P-406-CCT		1.04
8	P-308-CCT	.62	P-408-CCT		1.19
10	P-310-CCT	.69	P-410-CCT		1.34
12	P-312-CCT	.75	P-412-CCT		1.49

SOCKETS FIG. (B)

2	S-302-CCT	.59	S-402-CCT		.79
3	S-303-CCT	.48			.88
4	S-304-CCT	.51	S-404-CCT		.90
6	S-306-CCT	.59	S-406-CCT		1.20
8	S-308-CCT	.69	S-408-CCT		1.40
10	S-310-CCT	.76	S-410-CCT		1.62
12	S-312-CCT	.88	S-412-CCT		1.81

CHASSIS TYPE PLUG (C)

2	P-302-AB	.19	P-402-AB		.46
3	P-303-AB	.24			.57
4	P-304-AB	.25	P-404-AB		.57
6	P-306-AB	.31	P-406-AB		.69
8	P-308-AB	.37	P-408-AB		.79
10	P-310-AB	.43	P-410-AB		.88
12	P-312-AB	.48	P-412-AB		.98

CHASSIS SOCKET (D)

2	S-302-AB	.21	S-402-AB		.52
3	S-303-AB	.24			.69
4	S-304-AB	.22	S-404-AB		.69
6	S-306-AB	.24	S-406-AB		.83
8	S-308-AB	.43	S-408-AB		.98
10	S-310-AB	.51	S-410-AB		1.15
12	S-312-AB	.59	S-412-AB		1.29

CINCH-JONES "2000" TERMINAL STRIPS



Compact and sturdy bakelite junction terminal strip. Useful in assembling radio chassis, wiring, etc. Steel cadmium plated brackets. Terminals spaced on 5/16" centers.

No.	Term.	Mtg. Ctrs.	Each
2002	2	1-5/16"	.06
2003	3	1-5/16"	.07
2004	4	1 1/8"	.08
2005	5	1-15/16"	.09
2006	6	2 1/8"	.10
2007	7	2-9/16"	.11
2008	8	2 7/8"	.11
2009	9	3-3/16"	.12
2010	10	3 1/2"	.13
2011	11	3-11/16"	.14
2012	12	4 1/8"	.15
2013	13	4-7/16"	.16

CINCH-JONES BARRIER STRIPS



Type 140: 1/8" wide, 13/32" high. Terminals are mounted on 3/8" centers 1/2" metal to metal spacing over bakelite body. Type 141: 1 1/4" wide, 1/2" high. Terminals mounted on 7/16" centers with 3/8" metal to metal spacing over bakelite. Type 142: 1-5/16" high, 3/8" wide. Terminals mounted on 9/16" centers, 3/8" metal to metal spacing over bakelite.

Term.	No.	Each	No.	Each	No.	Each
2	2-140	.14	2-141	.19	2-142	.22
3	3-140	.20	3-141	.24	3-142	.30
4	4-140	.24	4-141	.31	4-142	.38
5	5-140	.30	5-141	.36	5-142	.46
6	6-140	.34	6-141	.44	6-142	.54
7	7-140	.40	7-141	.52	7-142	.63
8	8-140	.45	8-141	.58	8-142	.71
9	9-140	.51	9-141	.65	9-142	.78
10	10-140	.56	10-141	.72	10-142	.87
11	11-140	.61	11-141	.78	11-142	.95
12	12-140	.66	12-141	.84	12-142	1.04

BARRIER STRIP SOLDER TERMINALS

No.	Per Strip	Each	Per 10	No.	Per Strip	Each	Per 10
W-140	140	.03	.26	Y-140	140	.03	.26
W-141	141	.04	.35	Y-141	141	.04	.35
W-142	142	.04	.43	Y-142	142	.04	.43

FANNESTOCK CLIPS

Brass clips that assure good electrical contact without injury to wire. 3/8" wide except " which are 5/16".

Stock No.	Fig.	Length	Max. Wire Mtg. Hole	10 for	100 for
MS-248	B	1"	No. 10 No. 8	.11	.98
MS-249	C	1-1/8"	No. 10 No. 8	.22	2.00
MS-250	A	1 3/8"	No. 10 No. 8	.75	6.98
MS-251*	B	3/4"	No. 14 No. 6	.09	.80

AMPHENOL PLUGS & CONNECTORS MINIATURE SHIELDED CONNECTORS



Fig. A. Shielded miniature connectors. Molded bakelite in cadmium plated brass shells. For cables up to 1/4". Shield can be soldered to shell where shielded cable is used. 1/4" dia. 1 1/4" length. Fig. B. Shielded miniature chassis receptacles and plugs for use with shielded miniature connectors. Mount in 3/4" dia. hole on 1 1/4" centers.

MALE MINIATURE CONNECTORS—FIG. A

TYPE NO.	CONTACTS	EACH
91-MPM3L	3	.24
91-MPM3S	3	.23
91-MPM4L	4	.24
91-MPM4S	4	.23
91-MPM5L	5	.26
91-MPM5L	6	.27

FEMALE MINIATURE CONNECTORS

TYPE NO.	CONTACTS	EACH
91-MPF3L	3	.27
91-MPF3S	3	.27
91-MPF4L	4	.29
91-MPF4S	4	.27

*Suffix L = long shell, S = short shell

FEMALE SHIELDED SOCKETS FIG. (B)

TYPE NO.	CONTACTS	EACH
78-PCG3	3	.16
78-PCG4	4	.16
78-PCG5	5	.19
78-PCG6	6	.19

MINIATURE PLUGS & SOCKETS

Interchangeable with miniature type connectors. Sockets have push-on mounting rings. Excellent for speaker connections.



Socket Type No.	Cont.	Each	Plug Type No.	Cont.	Each
78-S35	3	.08	71-35	3	.08
78-S45	4	.08	71-45	4	.08
78-S55	5	.11	71-55	5	.09
78-S65	6	.11	71-65	6	.10
78-7P	7	.14			

CABLE CONNECTORS

Shielded cap and rubber grommet-end opening. Consist of "S" type tube sockets and "CP" plugs.



Female			Male		
Type No.	Cont.	Each	Type No.	Cont.	Each
78-PF4	4	.17	86-PM4	4	.21
78-PF5	5	.18	86-PM5	5	.21
78-PF6	6	.19	86-PM6	6	.22
78-PF7S	7S	.20	86-PM7S	7S	.23
78-PF8	8	.19	86-PM8	8	.22
78-PF9	9	.21	86-PM9	9	.22
78-PF11	11	.22	86-PM11	11	.23

AMPHENOL TYPE 79-CC4. Cable-clamp used with above connectors to relieve strain on soldered connections.

Type 79-CC4

TERMINAL STRIPS



Superior quality bakelite terminal strips. Solder lugs mounted on 1/4" thick insulation. Available with 2, 3, 4 or 6 solder lugs and screw terminals. Mounting holes for 6-32 screws.

STOCK NO.	TERMINALS	EACH	5 FOR
MS-227	2	.07	.29
MS-228	3	.10	.44
MS-229	4	.13	.58
MS-231	5	.16	.72
MS-230	6	.18	.82

HEAVY DUTY SCREW COLLAR STRIPS

3/32" bakelite, 3/8" wide Nickel Plated Brass Screw terminals, tinned solder lugs.

STOCK NO.	TERMINALS	EACH	10 FOR
MS-237	3	.12	1.08
MS-238	4	.17	1.53
MS-239	5	.20	1.80
MS-240	6	.22	2.08
MS-241	8	.25	2.25
MS-242	9	.29	2.60
MS-243	10	.32	2.88
MS-244	8	.36	3.24
MS-245	10	.40	3.60

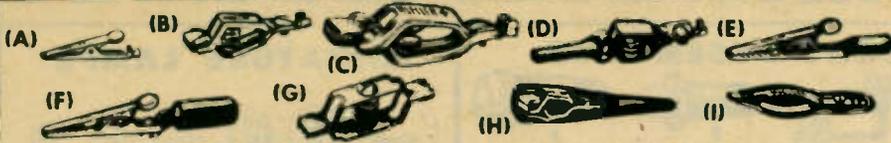
BAKELITE MOUNTING STRIPS

Mounts parts on Chassis



STOCK NO.	LUGS	EACH	10 FOR
MS-231	1	.02	.15
MS-232	2	.02	.19
MS-233	3	.03	.24
MS-234	4	.03	.40
MS-235	5	.05	.45
MS-236	6	.06	.51

CLIPS & SWITCHES - MUELLER • GRAYHILL • MALLORY • UNIMAX CUTLER HAMMER • HART & HEGEMAN



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. Insulators not included in price.

MINI-GATOR CLIP (A)

Smallest made steel, cadmium plated alligator jaws open 3/16". Length 1-1/16". Solder connection. For #220 or smaller wire. Uses No. 32 Insulator.
MUELLER 30 Each 7c 10 for 45c

TEST CLIPS WITH MESH TEETH (B)

All steel, cadmium plated except * is solid copper. + is bronze, † has insulation piercing needle in jaw.

No.	Amp.	Size	Open	INS*	EA.	10 for
45	5	1 1/2"	5/16"	47	.07	.49
45C*	10	1 1/2"	5/16"	47	.13	.95
46B	10	2"	7/16"	49	.10	.68
46C*	10	2"	7/16"	49	.14	.96
50C+†	10	2 1/4"	1/2"	49	.24	1.76

A For reference only, insulator not supplied.

BATTERY CLIPS STEEL AND COPPER (B)

* Are solid copper, all others are lead plated.

No.	Amp.	Size	Open	INS*	EA.	10 for
24A	25	2 1/2"	5/8"	26	.20	1.37
21A	5	4"	1 1/4"	23	.35	2.45
11A	100	6"	1 3/4"	13	.98	7.86
24C*	100	4 1/2"	1 1/2"	26	.34	2.53
21C*	100	4 1/2"	1 1/2"	23	.86	6.98
11C*	200	6"	1 3/4"	13	1.66	10.87

3 SIDED MESH TEETH CLIPS (C)

* Solid copper, others cad. plated steel.

No.	Amp.	Size	Open	INS*	EA.	10 for
27	20	2-7/16"	9/16"	29	.12	.78
27C*	40	2-7/16"	9/16"	29	.20	1.37

PHOSPHOR-BRONZE-REE-PEE-WEE CLIP (II)

Non-ferrous R.F. test clip. Length 1-11/16". Jaws open 5/32". Uses 93 Insulator.
No. 88 Net Each .22 10 for 1.47

CROCODILE CLIPS (D)

No.	Size	Open	Conn.	INS*	EA.	10 for
85	2 1/4"	5/16"	Screw	17	.08	.57
85C*	2 1/4"	5/16"	Screw	17	.16	1.09
85T+	2 1/4"	5/16"	Tip	17	.21	1.47

A For reference only, insulator not supplied.
* copper, others cad. plated steel. + has standard phone tip in one jaw.

ALLIGATOR CLIPS (E)

No.	Size	Open	Conn.	INS*	EA.	10 for
60	2"	5/16"	Std.	62	.07	.49
60S	2"	5/16"	Std.	62	.08	.57
60CS*	2"	5/16"	Screw	62	.12	.82

* Copper, others steel. All fit banana plugs.

INSULATED ALLIGATOR CLIPS (F)

Specify red or black. * copper, others cad. plated steel.

No.	Size	Open	Conn.	INS*	EA.	10 for
60NS	2-11/32"	5/16"	Std.	-	.14	.93
60NS*	2-11/32"	5/16"	Screw	-	.16	1.09

TWIN CLIPS (G)

Jaws at both ends operate independently. Cad. plated steel 2" long, jaws open 1/2".
No. 22 Net Each 10c 10 for 69c

FLEXIBLE INSULATORS (H)

Refer to listings of clips for proper insulator. Box of 10 contains 5 each red and black.

No.	Each	10 for	No.	Each	10 for
23	.47	3.33	49	.10	.69
26	.24	1.67	62	.07	.47
29	.16	1.09	87	.07	.47
32	.11	.74	93	.10	.69
47	.07	.47	13	.75	5.29



GRAYHILL MINIATURE SWITCHES FIG. (A)

Momentary contact push button switches. Non-snap. SPST. 115 V.A.C. (resistive). Life expectancy approx. 800,000 operations at 1/2 amp., approx. 100,000 at 1 amp. 3/8" solder terminals. Body 5/8" diam., threaded bushing 3/8" long. Molded phenolic body and button. Shpg. wt. 4oz.

GRAYHILL 4001	Normally open	.69
GRAYHILL 4002	Normally closed	.69

HEAVY DUTY TYPE FIG. (B)

Similar to above but rated 10 amp 115 V.A.C. (resistive). Snap action type. Approx. 50,000 operations. 7/8" diam. body.

GRAYHILL 2201	Normally open	1.81
GRAYHILL 2202	Normally closed	1.81

MINIATURE TYPE FIG. (C)

Designed for miniaturization. An above but non-snap. 1/8 amp. 115 V.A.C. (resistive). Body diam. 1/2", bushing 1/4" long. Rated life approx. 500,000 operations.

GRAYHILL 23-1	Normally open	.63
---------------	---------------	-----

SUB MINIATURE TYPE FIG. (C)

Ideal for computer and instrument application. Similar to 23-1 but rated 100 milliamperes 115V AC (resistive) body diam. 3/8", bushing 1/4" long. Rated life approx. 300,000 operations.

GRAYHILL 30-1	Normally open	.93
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MINIATURE ROTARY TAP SWITCHES FIG. (D)

Rated to break 1 amp. 115 V.A.C. resistive or carry 5 amps as selector. All non-shorting. Internal stops on all positions except * which is continuous. Melamine housing. Silver plated contacts and rotor. Single deck size 1-1/32" diam. 1/2" x 1/2" x 1/2". Shaft diam. 1/8". Bushing 1/4" long 3/8-32 thread. Positions are shown per deck. Available up to 6 decks on order. Shpg. wt. 5 oz.

No.	Decks	Pos.	Net	No.	Decks	Pos.	Net
5-001-2	1	2	1.27	5-001-7	1	7	1.52
5-001-3	1	3	1.32	5-001-8	1	8	1.57
5-001-4	1	4	1.37	5-001-10*	1	10	1.67
5-001-5	1	5	1.42	5-002-02	2	2	2.94
5-001-6	1	6	1.47	5-002-10	2	10	3.72

MALLORY ROTARY SWITCHES MULTI-GANG SWITCHES



Used in servicing and industrial applications. One fixed and one adjustable stop. Silver plated contacts. Solid silver contact slugs. 3 and 4 gang spaced 1", others 1 1/2" 2" notched shaft. 7/16" mtng. hole. Comes with mounting hardware and bar knobs. Shpg. wt. 8 oz.

Have "off" position, preceding others, in additional position.

Shorting Type Cat. No.	Non Shorting Type Cat. No.	Gangs	TOTAL POLES	Posi-tions Per Pole	NET EACH
1211L	1311L	1	1	11	1.71
1215L	1315L	1	2	11	1.71
1213L	1313L	1	3	11	1.71
1212L	1312L	1	4	2	1.71
1221L	1321L	2	2	11	2.12
1225L	1325L	2	4	5	2.12
1223L	1323L	2	6	3	2.12
1222L	1322L	2	8	2	2.12
1231L	1331L	3	3	11	2.65
1235L	1335L	3	6	5	2.65
1241L	1341L	4	4	11	3.12
1245L	1345L	4	8	11	3.12
1251L	1351L	5	5	8	3.35
1256L	1356L	6	6	6	3.70
1261L	1361L	6	6	11	3.96
1266L	1366L	6	12	6	4.50

SINGLE GANG SWITCHES



Small, enclosed low voltage switches 2" notched shaft. Threaded bushing 1/4" dia. 3/8" long. Types with * have adjustable stops. Complete with bar knob and nut. Shpg. wt. 4 oz.

Shorting Type Cat. No.	Non Shorting Type Cat. No.	Poles	Posi-tions	Diameter of Base	List Price
3115J	3215J	1	5	1 1/2"	.82
3111J	3211J	1	12	1 1/2"	.82
3122J	3222J	2	2	1 1/2"	.82
3123J	3223J	2	3	1 1/2"	.82
3126J	3226J	2	4	1 1/2"	.82
3134J	3234J	3	4	1 1/2"	.85
3142J	3242J	4	2	1 1/2"	.85
3143J	3243J	4	3	1 1/2"	.85
3117J*	3217J*	1	2 to 17	1-11/16"	1.27
3129J*	3229J*	2	2 to 9	1-11/16"	1.27
3136J*	3236J*	3	2 to 6	1-11/16"	1.35
3163J*	3263J*	6	2 to 3	1-11/16"	1.35

SLIDE SWITCHES AT LOW PRICES!

Compact slide switches in cadmium steel housings. All rated 125 v. ac. 1 1/2" mtg. circs.

No.	Circuit	EA.	Lots 10 Each
SW-14	SPST	.09	.08
SW-15	SPDT	.10	.09
SW-16	DPST	.20	.18
SW-17	DPDT	.22	.20

MALLORY DIAL PLATES



30° spacing. Used with series all 1200L and 1300L and single gang having 1 1/4" base, 7/16" hole. Shpg. Wt. 2 oz.

TYPE	MARKING	TYPE	MARKING	TYPE	MARKING
372	1 to 2	378	1 to 8	384	off 1 to 4
373	1 to 3	379	1 to 9	385	off 1 to 5
374	1 to 4	380	1 to 10	386	off 1 to 6
375	1 to 5	381	1 to 11	387	off 1 to 7
376	1 to 6	382	1 to 12	388	off 1 to 8
377	1 to 7	383	off 1 to 13	389	off 1 to 9
				390	off 1 to 10

NET .12

20° spacing for 1-1/16 base switches

TYPE	MARKING	TYPE	MARKING	TYPE	MARKING
450	1 to 3	461	1 to 11	478	off 1 to 8
454	1 to 4	462	1 to 12	479	off 1 to 9
455	1 to 5	463	1 to 17	480	off 1 to 10
456	1 to 6	473	off 1 to 3	481	off 1 to 11
457	1 to 7	474	off 1 to 4	482	off 1 to 12
458	1 to 8	475	off 1 to 5	483	off 1 to 13
459	1 to 9	476	off 1 to 6	484	off 1 to 14
460	1 to 10	477	off 1 to 7	485	off 1 to 16

NET .12

HART AND HEGEMAN



MOMENTARY PUSH BUTTON SWITCHES

Metal base push switches with laminated phenolic sections, slotted sleeve 15/32 diam. by 9/16" long except 7" are 7/16". 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.

NORMALLY CLOSED

MFR. NO.	CIR- CUIT	EA.	LOTS 10 EA.	LOTS 100 EA.
3392E*	2 Circ	.64	.58	.52
3392A*	2 Circ	.81	.73	.67
3392	2 Circ	.64	.58	.52
3392AE*	2 Circ	.81	.73	.67
3391	SPST	.49	.44	.40
3391G*	SPST	.67	.60	.54

NORMALLY OPEN

MFR. NO.	CIR- CUIT	EA.	LOTS 10 EA.	LOTS 100 EA.
3391E	SPST	.49	.44	.40
3391CL*	SPST	.67	.60	.54
3391-194R	Red snap-on button for all switches			.15
3391-194B	Black snap-on button for all switches			.15

UNIMAX SNAP-ACTION SWITCHES



Precision made for industrial and laboratory use. Types marked * are basic units less "adaptaplate". All others have actuators attached to stainless steel "adaptaplate". Rated 15 amp. 125 volt. 5 amp. 250V volt. 60 cycle non-inductive AC. Type 2DHBTX-1 has DPST action. All others SPDT. Avg. shpg. wt. 3 oz.

TYPE	ACTUATOR AND OPERATING FORCE	NET
2MB-1*	Basic Pin Type 9-13 oz.	1.40
2HBL-1	Leaf Spring type 2-5 oz.	1.50
2HBF-1	Roller type Max 10 oz.	2.20
2HBW-1	Leaf Spring Roller 2-5 oz.	1.95
2HBT-1	Leaf Spring Hinged 1/2-1 1/4 oz.	1.75
2HBY-1	Hinged Max 10 oz.	1.75
2HBA-1*	Leaf Spring Roller 1/2-1 1/4 oz.	2.20
2HBM-1	Safety Interlock 4-7 oz.	2.85
2DHBTX-1	Dual switch 1-2 oz.	4.85
2HBQ-1	Plunger Small 6-10 oz.	1.70
2HBJ-1	Plunger large 6-10 oz.	3.15



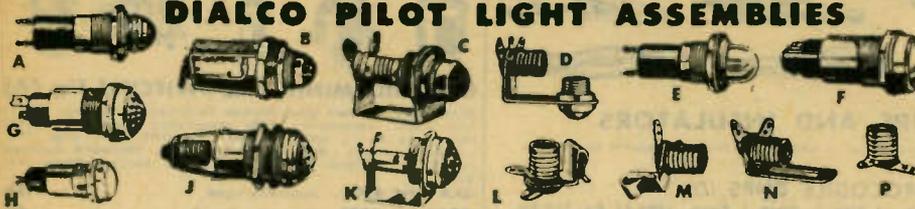
CUTLER-HAMMER NEW DESIGN SWITCHES

Approved type with nickel-plated metal parts. Fast action - excellent for appliances, radio receivers, etc. Underwriters Approved. Stem length, fig. 1 and 2, 15/22"; fig. 3 and 4, 11/22".

C-H Type	Fig.	Circuit	Amps @ 125v.	Amps @ 250v.	Each	Lots 10 Each	Lots 100 Each
8280K16	1						

PILOT LIGHT ASSEMBLIES and LAMPS

DIALCO PILOT LIGHT ASSEMBLIES



HALF-INCH ENCLOSED TYPE

FIG. A SERIES 8140. Compact, enclosed aviation-type assembly with smooth-faced jewel in 1/4" nickel-plated brass holder. For miniature bayonet base lamps, replaceable from front of unit. Requires 11/16" mounting hole; 2 3/4" long; for panels up to 3/8" thick. UL approved. Available in Red, Green, White and Amber jewels (green not recommended with neon lamps). Less lamps. Shpg. wt., 3 oz.

TYPE 8140.....NET EACH 80c
SPECIFY COLOR 10 OR MORE, EACH 72c
REPLACEMENT JEWEL CAPS FOR 8140
TYPE 81 JEWEL.....NET EACH 16c
SPECIFY COLOR 10 OR MORE, EACH 14c

HALF-INCH OPEN TYPE

FIG. B SERIES 857B. Open type assembly for miniature base bayonet lamps. 1/4" faceted jewel. Requires 11/16" mounting hole; 2" long; for panels up to 1/4" thick. Tinned solder lugs. Available in Red, Green, Amber and Blue* (*not recommended for neon lamps). With mounting washer; less lamps. Shpg. wt., 3 oz.

857B.....NET EACH 44c
SPECIFY COLOR 10 OR MORE, EACH 40c

HALF-INCH MINIATURE OPEN TYPES

FIG. C SERIES 810. For miniature screw and bayonet base lamps. 1/4" faceted jewel. Mount in 11/16" hole. Lamp removable from front. Tinned solder lugs. Available in Red, Green, Amber (*not for neon). Less lamps. Shpg. wt., 2 oz.

810—SCREW BASE.....NET EACH 32c
810B—BAYONET BASE.....10 OR MORE, EACH 29c
SPECIFY COLOR

FIG. D SERIES 510, 610 and 710. Popular open type visual indicators for standard pilot light bulbs. Choice of candelabra, min. screw and min. bayonet sockets. Faceted jewels. Lug terminals. Requires 7/16" hole. Available in Red, Green* and Amber (*not for neon lamps). Less lamps. Shpg. wt., 2 oz.

510—MINIATURE SCREW.....NET EACH 21c
610—CANDELABRA.....10 OR MORE, EACH 19c
710—MINIATURE BAYONET
SPECIFY COLOR

NEON PANEL ASSEMBLIES

FIG. E SERIES 95408 PLASTIC CAP ASSEMBLIES. Enclosed assemblies with built-in resistor for NE 51 neon lamps in 110-220V circuits. 2 1/4" long; mounts in 11/16" hole. Plastic cap threaded to brass holder. UL approved. Available in Red, Amber, White and Clear. Less NE 51. Shpg. wt., 3 oz.

TYPE 95408.....NET EACH 97c
SPECIFY COLOR 10 OR MORE, EACH 87c
REPLACEMENT PLASTIC CAPS FOR 95408
TYPE 95 PLASTIC CAP.....NET EACH 15c
SPECIFY COLOR 10 OR MORE, EACH 13c

FIG. F SERIES 31914 JEWEL CAP ASSEMBLY. Enclosed candelabra socket assemblies for NE 45, NE 57 and NE 58 lamps in 115V circuits. Smooth full view lens; lamp removable from front. 2 3/4" long; mounts in 1" hole. UL approved. Available in Red, Amber and Clear. Less lamps. Shpg. wt., 4 oz.

TYPE 31914.....NET EACH 1.03
SPECIFY COLOR 10 OR MORE, EACH .93
REPLACEMENT JEWEL CAPS FOR 31914
TYPE 31 JEWEL.....NET EACH 35c
SPECIFY COLOR 10 OR MORE, EACH 31c

PILOT LIGHT JEWELS



DRAKE NEON INDICATOR LIGHTS



POSTLITE

FLUSHLITE

ONE-INCH ENCLOSED TYPE

FIG. G SERIES 314001. For 115 volt candelabra lamps. Brass and bakelite with faceted jewel. Lamp removable from front. 1" mtg. hole. Tinned lugs. Available in Red, Green*, Amber, Clear, Blue*, White (*not for neon lamps). UL approved. Less lamps. Shpg. wt., 4 oz.

TYPE 314001.....NET EACH 1.03
SPECIFY COLOR 10 OR MORE, EACH .93
REPLACEMENT JEWEL CAPS FOR 314001
TYPE 31-43.....NET EACH 35c
SPECIFY COLOR 10 OR MORE, EACH 31c

FIG. H SERIES 312901 ASSEMBLY WITH LEADS. UL approved brass assembly with 6" wire leads for candelabra lamps. Chrome, friction-fit cap. 1" mtg. hole. Available in Red, Green*, Amber and Clear (*not for neon). Less lamps. Shpg. wt., 4 oz.

TYPE 312901.....NET EACH 1.13
SPECIFY COLOR 10 OR MORE, EACH 1.02
REPLACEMENT JEWEL CAPS FOR 312901
TYPE 31-11.....NET EACH 35c
SPECIFY COLOR 10 OR MORE, EACH 31c

ONE-INCH OPEN TYPES

FIG. J SERIES 75. For 115 Volt candelabra lamps. Friction-fit faceted jewel in chrome holder. 1" mtg. hole. Available in Red, Green* and Amber (*not for neon). Less lamps. Shpg. wt., 5 oz.

TYPE 75.....NET EACH 83c
SPECIFY COLOR 10 OR MORE, EACH 75c
REPLACEMENT JEWEL CAP FOR 75
TYPE 31-43.....NET EACH 35c
SPECIFY COLOR 10 OR MORE, EACH 31c

FIG. K SERIES 910. Popular series for electronic equipment. Choice of candelabra, min. screw and min. bayonet sockets. Lamp replaceable from front. 1" mtg. hole. 1 1/4" long. Available in Red, Green*, and Amber (*not for neon). Less lamp. Shpg. wt., 3 oz.

TYPE 910B—MINIATURE SCREW.....NET EACH 83c
910B—MINIATURE BAYONET
10 OR MORE, EACH 75c
SPECIFY COLOR

PILOT LIGHT SOCKETS

Popular bayonet, screw and candelabra type sockets with cadmium plated brackets and tinned lugs. Coil spring construction on bayonet type. Supplied with insulating washers. Av. shpg. wt., 1 1/4 oz.

MINIATURE SCREW

TYPE	FIG.	TYPE	FIG.	EACH	5 FOR	10 FOR
501	L	505	N	8c	36c	64c
504	M	507	P			

MINIATURE BAYONET

TYPE	FIG.	TYPE	FIG.	EACH	5 FOR	10 FOR
701	L*	705	N*	9c	39c	70c
704	M*	707	P*			

*As illustrated, but with bayonet base

CANDELABRA 115V

TYPE	FIG.	TYPE	FIG.	EACH	5 FOR	10 FOR
601	L	605	N	12c	54c	98c
604	M	607	N			

PILOT BULB REMOVER

To install or remove miniature and candelabra lamps, especially in out-of-the-way places. High grade rubber affords maximum protection to lamps.

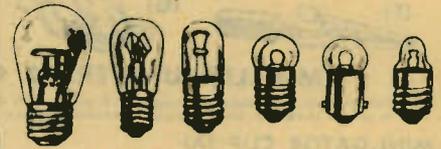
L-73.....NET 26c

All-purpose smooth jewels in polished holders for mounting in panels up to 3/8". Threaded shanks and mounting nuts 3/8", 1/2" and 11/32" dia. available in Red, Green and Amber and require 11/16", 7/16" and 9/32" mtg. holes respectively. Shpg. wt., 3 oz.

Type	Diam.	Net Ea.	10 For
25006	3/4"	Specify color	.24
10006	1/2"	When	.13
5006	11/32"	Ordering	.20

TYPE 105 POSTLITE. Molded neon panel light for AC or DC with built-in resistor. 3/4" mtg. hole. With mtg. nut. 2 1/4" long. 2 oz. EACH .56—10, EACH .51.
TYPE 110 FLUSHLITE. Translucent unit with built-in neon lamp and resistor. For 110-125V AC-DC. 3/4" x 1 1/4" x 9/16", with 1 1/4" mtg. centers. UL approved. 2 oz. EACH .41—10, EACH .37.

MINIATURE LAMPS



GENERAL PURPOSE MINIATURE LAMPS

For radio and television pilot lights, panels, flashlights, appliances, coin machines, etc. Abbreviations: c.p. means candle power; S.C.—single contact; D.C.—double contact. Shpg. wt., 1 lamp 2 oz.; box of 10, 5 oz. When ordering 100 or more lamps of one type, deduct 10% from the "10 or more, each" price.

Type	Volts	Amprs	Base	Net Each	10 FOR
PR2	2.4	0.50	S.C. Flanged	.20	1.33
PR3	3.6	0.50	S.C. Flanged	.20	1.33
PR4	2.3	0.27	S.C. Flanged	.20	1.33
PR6	2.5	0.30	S.C. Flanged	.20	1.33
PR12	5.95	0.50	S.C. Flanged	.20	1.33
PR13	4.75	0.50	S.C. Flanged	.20	1.33
13	3.7	0.30	Screw	.17	1.14
14	2.5	0.30	Screw	.17	1.14
27	4.9	0.30	Screw	.17	1.14
40	6-8	0.15	Screw	.15	1.00
41	2.5	0.50	Screw	.15	1.00
42	3.2	0.35	Screw	.15	1.00
43	2.5	0.50	Bayonet	.15	1.00
44	6-8	0.25	Bayonet	.15	1.00
45	3-2	0.35	Bayonet	.15	1.00
46	6-8	0.25	Screw	.15	1.00
47	6-8	0.15	Bayonet	.15	1.00
48	2.0	0.06	Screw	.15	1.00
49	2.0	0.06	Bayonet	.15	1.00
50	6-8	1 c.p.	Screw	.15	1.00
51	6-8	1 c.p.	Bayonet	.15	1.00
55	6-8	2 c.p.	Bayonet	.15	1.00
112	1.2	0.22	Screw	.15	1.00
123	1.25	0.30	Screw	.17	1.14
222	2.2	0.25	Screw	.17	1.14
724	2.15	0.22	Special	.17	1.14
233	2.2	0.27	Screw	.15	1.00
291	2.9	0.17	Bayonet	.24	1.67
292	2.9	0.17	Screw	.24	1.67
502	5.1	0.15	Screw	.17	1.14
1458	20.0	0.25	Bayonet	.17	1.14
1490	3.2	0.16	Bayonet	.15	1.00
1891	14.0	0.23	Bayonet	.15	1.00
1892	14.0	0.12	Bayonet	.20	1.33

NEON GLOW LAMPS

For 105-125V operation except † which are for 210-250V. Screw types have resistor in base for 105-125V; others require external resistor. AC starting voltages shown; DC starting voltage 40% higher. *Indicates AC operation only and † indicates DC operation only. S.C. means single contact; D.C.—double contact; Sk—skirted. Av. shpg. wt., 1 lamp, 3 oz.; box of 10, 5 oz.

Type	Watts	A.C. Volts	Base	Net Each	10 or More, Each
NE-2	1/25	65	Wire Terminals	.10	.09
NE-51	1/25	65	S.C. Bay. Min.	.21	.19
NE-7	1/4	55	Wire Terminals	.72	.65
NE-57	1/4	55	Cand. Screw	.67	.62
NE-48	1/4	65	D.C. Bay. Cand.	.99	.87
NE-45	1/4	65	Cand. Screw	.83	.74
NE-21	1/4	55	S.C. Bay. Cand.	.93	.83
NE-58 †	1/2	65	Cand. Screw	.93	.83
NE-17	1/4	55	D.C. Bay. Cand.	1.88	.79
NE-56 †	1	60	Edison	1.22	1.09
NE-30	1	60	Edison	1.18	1.06
NE-31	1	60	Sk. Cand. Screw	2.92	2.62
NE-32	1	60	D.C. Bay. Cand.	1.18	1.06
NE-34	2	60	Edison	1.81	1.62
NE-36	2	60	Sk. D.C. Bay. Cand.	2.35	2.11
NE-40	3	60	Edison	2.63	2.38
NE-42	3	60	Sk. D.C. Bay. Cand.	2.60	2.34

AC-DC PILOT LIGHTS

Rated 105-125V, 1500 hours average use. D.C. means double contact; Cand.—Candelabra.

Type	Shape	Watt	Base	Std. Pkg.	Net Each	Single Pkg.
386	Globe	3	Cand. Screw	10	.30	.27
686	Globe	6	Cand. Screw	12	.19	.17
6S60C	Globe	6	D.C. Bay. Cand.	10	.25	.23
7C7-Clear	Cone	7	Cand. Screw	12	.17	.15
7C7-White	Cone	7	Cand. Screw	12	.19	.17
10C70C	Cone	10	D.C. Bay. Cand.	12	.21	.19
MS313	Tube	4	Cand. Screw	10	.39	.35

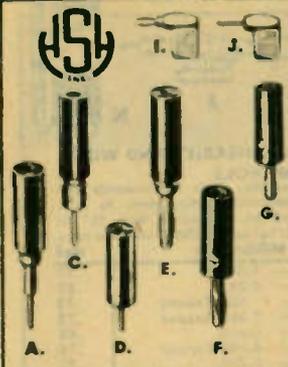
DASH LAMP ASSEMBLY



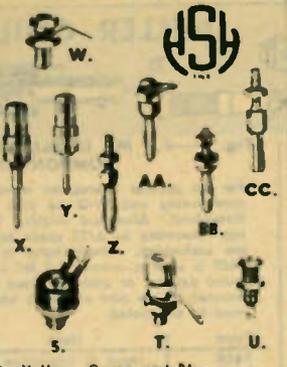
For dashboard, panel, etc. mounting. Simple contact miniature bayonet socket. Mounts in 3/8" hole. With 12" lead, nut and washer. Easy installation. Less lamp and switch. Shpg. wt., 2 oz.

MS-314.....Net 44c

PLUGS - JACKS - TEST LEADS - KNOBS



SMITH PLUGS AND JACKS



INSULATED PLUGS

Fig. A. Insulated Tip Plug. Heavy duty. Solder type. 1" handle. 2 1/2" overall. Specify color.
 PJ-10.....Net ea. .15
 10 for 1.35.....100 for 12.15

Fig. C. Insulated Solderless Tip Plug. 1" handle, 2" length overall. Specify color.
 PJ-11.....Net ea. .14
 10 for 1.26.....100 for 11.34

Fig. D. Insulated Short Tip Plug. Solder type. 1" handle. 1-17/32" overall length.
 PJ-12.....Net ea. .10
 10 for .90.....100 for 8.10

Fig. E. Insulated Banana Plug. Spring type. Internal set screw for soldering. 1" handle. 1-15/16" length overall. Phosphorbronze. Specify color.
 PJ-13.....Net ea. .21
 10 for 1.89.....100 for 17.01

Fig. F. Solderless Insulated Banana Plug. Spring type. 1" handle. 1-11/16" overall. Specify color.
 PJ-14.....Net ea. .15
 10 for 1.35.....100 for 12.15

Fig. G. Solderless Insulated Banana Plug. Split type. 1" handle. 1-9/16" overall. Specify color.
 PJ-15.....Net ea. .15
 10 for 1.35.....100 for 12.15

Fig. H. Insulated Banana Plug. Spring type. 1" handle. 1 3/4" overall. Solder type. Specify color.
 PJ-16.....Net ea. .15
 10 for 1.35.....100 for 12.15

Fig. I. Molded Meter Banana Plug. Specify Red or Black.
 PJ-17.....Net ea. .36

Fig. J. Molded Meter Tip Plug. Specify Red or Black.
 PJ-18.....Net ea. .27

Plug and Jacks are available in Red, Black, Yellow, Green and Blue.

Fig. K. Insulated Spade Lug. 3/4" handle. 1 3/4" length overall. Specify Red or Black.
 PJ-19.....Net ea. .11
 10 for .99.....100 for 8.91

INSULATED JACKS

Fig. L. Phone Tip or Banana Plug. Mounts in 5/16" hole. Specify color.
 PJ-20.....Net ea. .15
 10 for 1.35.....100 for 12.15

Fig. N. 5-Way Binding Post. Takes phone tips, banana plugs, spade lugs, alligator clip, wire. All insulated type. Specify Red or Black.
 PJ-21.....Net ea. .22
 10 for 1.95.....100 for 17.55

Fig. O. Nylon All Insulated Tip Jack. 1" overall. Mounts in 3/8" hole. Specify color.
 PJ-22.....Net ea. .18
 10 for 1.62.....100 for 14.58

Fig. P. Insulated Tip Jack. 1-1/64" overall length. Mounts in 5/16" hole. Specify color.
 PJ-23.....Net ea. .12
 10 for 1.08.....100 for 9.72

Fig. Q. Nylon Insulated Tip Jack. With nylon washer. 1" overall length. Mounts in 5/16" hole. Specify color.
 PJ-24.....Net ea. .18
 10 for 1.62.....100 for 14.58

Fig. R. Insulated Banana Jack. 21/32" overall length. Mounts in 5/16" hole. Specify color.
 PJ-25.....Net ea. .12
 10 for 1.03.....100 for 9.72

Fig. S. Instrument Banana Jack. 27/32" overall length. Mounts in 5/16" hole. Specify color.
 PJ-26.....Net ea. .15
 10 for 1.35.....100 for 12.15

Fig. T. Nylon Insulated Banana Jack. With nylon washer. Overall length 53/64". Mounts in 5/16" hole. Specify color.
 PJ-27.....Net ea. .18
 10 for 1.62.....100 for 14.58

METAL JACKS

Fig. U. Metal Tip Jack. Mounts in 1/4" hole.
 PJ-28.....Net ea. .09
 10 for .81.....100 for 7.29

Fig. V. Metal Banana Jack. Mounts in 1/4" hole.
 PJ-29.....Net ea. .09
 10 for .81.....100 for 7.29

Fig. W. Metal Banana Jack. Mounts in 1/4" hole.
 PJ-30.....Net ea. .09
 10 for .81.....100 for 7.29

NON-INSULATED PLUGS

Fig. X. Solderless Phone Tip, Sr. 1 1/2" long.
 PJ-31.....Net ea. .10
 10 for .90.....100 for 8.10

Fig. Y. Solderless Phone Tip, Jr. 1-3/16" long.
 PJ-32.....Net ea. .10
 10 for .90.....100 for 8.10

Fig. Z. Banana Plug. Spring type. 1 3/8" overall. 6-32 x 1/2" stud.
 PJ-33.....Net ea. .12
 10 for 1.08.....100 for 9.72

Fig. AA. Banana Plug. Spring type. Screw in head. 1-1/32" overall.
 PJ-34.....Net ea. .15
 10 for 1.35.....100 for 12.15

Fig. BB. Banana Plug. Spring type. 1 1/4" overall. 6-32 x 3/4" stud.
 PJ-35.....Net ea. .15
 10 for 1.35.....100 for 12.15

Fig. CC. Banana Plug. Split type. 1 1/4" overall. 6-32 x 1/2" stud.
 PJ-36.....Net ea. .12
 10 for 1.08.....100 for 9.72

G-C SPECIAL TEST LEADS

Slim type—tenite solder less prods. Extra long—extra flexible—kinkless—rubber insulated leads. Phone tips both ends. 5000 volt insulation. Hi-quality test leads. Shpg. wt. 1/2 lb.
MS-258.....Net per pr. 39¢
 In lots of 6 pr.each 45¢



G-C MASTER TEST LEADS

Heavy duty test leads. 50" long. Solderless type. Extra flexible leads run through the handles and are fastened under the knurled collar on the tips. Shpg. wt. 6 ozs.
 G-C No. 5050—Test Leads with solderless type straight tips.
 Net per pair.....1.09

G-C No. 8459—Test Leads with angle type tips.
 Net per pair.....1.23



G-C STRETCH LEADS

Self coiling—kink proof—tracts to 90° coils. Extends to 6 feet. Saves clutter. Never tangles or knots. Shpg. wt. 6 ozs.
 G-C No. 9301.....Net per pair 2.91



G-C 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.
 G-C No. 9100—with phone tips.....Net per pair 2.94

G-C No. 9101—with spade lugs.....Net per pair 2.94

G-C No. 9102—with alligator clips.....Net per pair 3.53



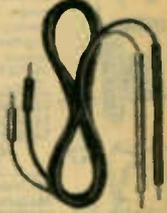
G-C THIN TYPE—50"

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.
 G-C No. 8465
 Net per pair.....1.23



G-C KLIPZON TEST LEADS

Maximum time saving, convenience, safety. Clips on to wires, lugs, terminals for firm contact of test points. Frees both hands. 48" super flexible leads. With phone tip terminals. Shpg. wt. 6 ozs.
 G-C No. 5609
 Net per pair.....1.47



G-C KLIPZON ADAPTERS

Convert old test points to self holding prods. Fits over standard phone tips or needle type.
 G-C No. 5623—Red.....Net each .35
 G-C No. 5624—Black.....Net each .35



UNIVERSAL TEST LEAD KITS

Spring prongs at end of prods permit changing from spade lugs to phone tips or spring clips. Handles 6" long, 1/8" diameter. Red and black kinkless wire. Complete with two alligator clips, two needle point phone tips and two tapered lugs.
MD-89—Pencil Prod Kit 1.47



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 oz.



SET SCREW TYPE

Fits round or flat 1/4" shafts. All have concave polished gold inserts. * Indicates back of knob recessed 1/8", others flush.

Stock No.	Fig.	Diam.	Color	Net Ea.	5 or More Ea.
KN12*	C	1 1/4"	Mahogany		
KN13	F	1 1/4"	Mahogany	.15	.12
KN14	G	1"	Mahogany		

PUSH-ON TYPE

Fits flat 1/4" shafts. * Indicates convex gold insert and back of knob protrudes 3/16". Others have flat gold insert and flush back.

KN15	B	1 1/4"	Dark Maroon	.15	.12
KN16*	D	1-1/16"	Dark Maroon	.15	.12
KN17*	D	1 1/4"	Dark Maroon	.15	.12
KN18*	A	1 3/8"	Dark Maroon	.18	.16
KN20	H	3/4"	Black	.12	.10

POINTER TYPE

This knob has a gold pointer and polished gold concave insert. Fits 1/4" flat shaft.
 KN21 E 1 1/4" Black .17 .15

MINIATURE KNOBS

Plastic knob, only 3/8" diameter, fits 1/8" shafts, for miniature components such as Ferri-loopstick, sub-miniature pats, etc.



MS-185.....Net .09
 KN-19—Same as above but for 1/4" shaft.....Net .09
 KN-22—1" diam. for 1/4" shaft.....Net .09

G-C NE-O-LITE

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.
MS-257.....Net, ea. .35
 Lots of 10, ea. .32



MEISSNER AND MILLER COILS

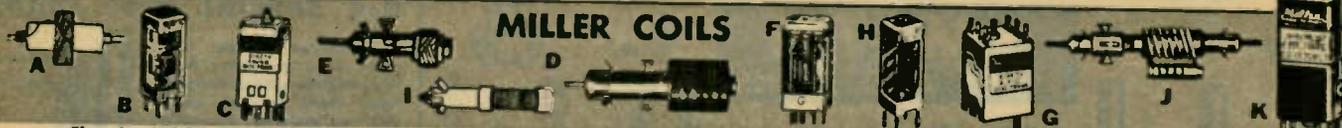


Fig. A—VIDEO PEAKING—FILAMENT CHOKE COILS

Video peaking coils designed to provide proper bandwidth and wave shape for video signals. Coils without shunt wound on plastic forms; shunt type wound over resistor forms. No. 6175 is filament choke, isolates filament to reduce feedback, stray coupling, etc. 9/32 x 1/8" long. Peaking coils 3/16x 3/8" long.

Type	Uh	Shunt	Net	Type	Uh	Shunt	Net
6175	0.8	None	.29	6179	180	3PK	.35
6152	20	None	.29	6180	180	None	.35
6176	36	None	.29	6154	200	None	.35
6172	73	None	.35	6173	250	22K	.35
6177	93	None	.35	6181	250	None	.35
6178	120	22K	.35	6155	300	None	.35
6153	120	None	.35	6174	500	None	.35

Fig. B—44 MC 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. Adaptor plate furnished for use with tube socket hole. No. 6233 and 6234 have trap windings. 3/4 x 2".

Type	Item	Net
6230	Converter I.F.	1.47
6231	44 MC 1st I.F.	1.47
6232	42.5 MC 2nd I.F.	1.23
6233	45.5 MC 3rd I.F.	1.47
6234	44 MC 4th I.F.	1.09

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 sound. Discriminator is Foster-Seely type. 6190 and 6191 are 7/8 x 7/8 x 2 1/4". 6192 and 6184 are 1 1/8 x 1 1/8 x 2 1/2".

Type	Item	Net
6190	1st Sound I.F.	1.41
6191	2nd Sound I.F.	1.41
6192	Discriminator	1.78
6184	Ratio Detector	1.94

Fig. D—SYNC. STABILIZER COIL (Rinalco Coil)
Wound on a 2" long bakelite form and unshielded. Mtg. clip fits a 7/16" hole. Adjustable within a range containing the horizontal sweep frequency. May be used as stabilizer in a multi-vibrator circuit. Overall 3/4" x 2 1/4". No. 6210. 16-42 MH. Co. 1.32

Fig. E—WIDE LINEARITY CONTROL with A.G.C. WINDING
For use in wide circuit where it is desired to odd A.G.C. Winding call 5-40 MH. A.G.C. winding 2.5-7 MH. 3/4 x 2 1/2". Net 1.32



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.

Type	Set at	OUTPUT Type
16-6649	1.18	175 KC 16-6651
16-6652	1.03	262 KC 16-6654
16-6658	1.03	456 KC 16-6660

H.Q. IRON CORE "PLASTIC" I.F.'S

Meissner 16-6662—Input, peaked at 455 KC.....1.47
Meissner 16-6663—Output, peaked at 455 KC.....1.47

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 mfd. tuning condenser. High impedance primaries, wound with Litz wire. Shielded coils are in black crackle finish, non magnetic can. 1 1/4" in diameter, 2 1/2" high.

UNSHIELDED

Antenna coil type 14-1010.....1.18
RF coil type 14-1011.....1.18

SHIELDED

Antenna coil type 14-1004.....1.18
RF coil type 14-1005.....1.18

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 circuit.

Meissner type 14-1026—Ant.....1.47
Meissner type 14-1027—R. F.....1.47
Meissner type 14-1028—Osc.....1.47



Fig. F—4.5 MC INTERCARRIER SOUND I.F. COMPONENTS

For the popular intercarrier sound TV receivers. Iron core tuning and Hi-Q no drift capacitors are used throughout. Aluminum shields. Top and bottom tuning. Mounting by 6/32 spade bolts. 1469 and 1470 are unshielded. Discriminator is Foster-Seely type. 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 where a 4.5 MC signal must be attenuated.

Type	Item	Net
1466	Input or Interstage	1.53
1467	Discriminator	1.76
1468	Ratio Detector	1.94
1469	Sound Pick-Off	.73
1470	Sound Trap	.73
1470-A	Sound Trap Shielded 3/4" x 2"	.97

4.5 MC MINIATURE I.F.
Similar to above but only 3/4" square by 2" high. With mounting clip and adaptor plate for use in standard tube socket hole.

Type	Item	Net
6203	Input or Interstage	1.68
6204	Discriminator	2.00
6205	Ratio Detector	2.00

Fig. G—HORIZONTAL OSC. AND SYNC. CONTROL OSC.

Permeability tuned—for use in horizontal osc. and A.F.C. circuits. Encased in aluminum. 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 sync. control. No. 6183 is the same as 6182 except it has additional winding for sync. stabilization.

No. 6194—Horizontal Osc. & Discriminator.....1.62
No. 6182—Horizontal Osc. & Sync. Control.....1.32
No. 6183—Horizontal Osc. & Sync. Stabilizer.....1.62

Fig. H—"40 MC" TV PICTURE I.F.'S

Currently used in RCA models having picture I.F. carrier 45.75 MC, sound I.F. carrier at 41.25 and intercarrier I.F. at 4.5 MC. All are in aluminum shields except 6219 which is unshielded. For use in subsequent stages. Range 41.75 to 45.75 MC. No. 6216, 6217 and 6218 have trap windings. 7/8" x 7/8" x 2 1/4", except 6219 1/2" O.D. x 1 1/2".

Type	Item	Net
6215	Converter I.F.	1.47
6216	1st Pix I.F. Grid	1.76
6217	1st Pix I.F. Plate	1.76
6218	2nd Pix I.F. Grid	1.62
6219	3rd, 4th and 5th Pix I.F.	.73

Fig. I—HORIZONTAL LINEARITY AND WIDTH CONTROLS

Iron core variable inductance coils for linearity and width adjustment. Exceptionally large max. to min. inductance ratio. Wound on a bakelite form 3/4" in diameter. Mtg. clip fits 5/16" hole. 6300's—phenolic form.

Type	Millihenries	Net
6195	.185 — 1.000	.73
6196	.054 — 0.245	.65
6196-A	.054 — .50 Tapped	.73
6197	.550 — 2.300 Tapped	.73
6198	.170 — 0.610	.65
6199-A	-1.300 — 4.100 Tapped	.76
6199-B	.500 — 1.700	.73
6313	.50 — 5.0	.88
6314	2.0 — 18	1.03
6315	4.0 — 30	1.06
6316	4.0 — 30	With AGE 1.32
6317	3.2 — 9.0	With AGE 1.32
6318	.20 — 3.0	.88
6319	15 — 60	1.32
6320	.20 — 3.0	Tapped .88
6321	1.0 — 5.0	Tapped .88
6322	1.5 — 10	1.03
6323	.50 — 5.0	Tapped .88
6324	60 — 130	Tapped 1.32

Fig. J—20 MC RANGE TV PICTURE I.F.'S

Unshielded except for types 6231 and 6252. Types 6245 to 6248 are single wound. 6249 to 6254 are bifilar wound. Mtg. clip to fit 5/16" chassis hole. 3/4" O.D. x 2 1/2" long. Av. shpp. wt. 5 oz.

Type	I.F. Mc	Trap Mc	Net
6245	25.5 1st I.F.	27.25	1.47
6246	22.0 2nd I.F.	21.2	1.47
6247	21.25		1.47
6248	24.5		.88
6249	21-25		.88
6250	25-29		.88
6251	21-25 Shielded		1.32
6252	25-29 Shielded		1.32
6253	21-30	20-23	1.62
6254	22-32	24-29	1.62

Fig. K—CONVERTER AND PICTURE CHANNEL I.F. TRANSFORMERS

Permeability tuned. Used to couple plate of mixer to first video I.F. stage and for video I.F. interstage coupling. Have slug-tuned traps for response curve shaping and sound or adjacent channel rejection. Type 6185 has top on trap for sound take-off to sound I.F. channel of 21.25 Mc. 7/8" x 7/8" x 2 1/4" high. Shpp. wt. 5 oz.

Type	I.F. Mc	Trap Mc	Net
6185	21.8	21.25	1.62
6186	25.3	27.25	1.62
6187	22.3	19.75	1.23

MEISSNER COILS

Fig. D—OSCILLATOR COILS FOR 190-550 METER BC BAND

Used with 365 mfd. cond. I.F. RF, and Antenna coils. Shielded type. 1 1/4" x 1 1/2". Without padders.

Meissner	Type	Freq. KC	Padder Mmfd.	Price
14-6242	Shielded	175	900	1.18
14-6243	Shielded	456	350	1.18
14-6242	Unshielded	175	900	1.18
14-6034	Unshielded	456	350	1.18
*14-1033	Unshielded	456	350	1.03

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.

Meissner	Type	Function	Each
16-6758	455 KC Input and Output		1.29
16-6770	455 KC Output, with diode filter condenser		1.35
16-6752	262 KC Input for auto receivers.		1.47
16-6754	262 KC Output for auto receivers, diode condenser		1.53
16-3487	10.7 MC FM Input and Output.		1.62
16-6678*	455 KC AC-DC type Input or Output.		1.76

Fig. F—MINIATURE ADJUSTABLE BROADCAST OSCILLATOR COIL
For Battery and 3-Way Portables

Small physical size. 1" x 3/4" 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 mfd. Allows accurate adjustment of inductance for proper calibration and tracking.

Meissner Type 14-1074.....1.03

Fig. G—MINIATURE BROADCAST ANTENNA AND R.F. COILS

The small physical size, 1 1/2" by 1/2" and the feature of having adjustable inductance makes 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. Meissner Type 14-1071—Antenna.....1.03
Meissner Type 14-1072—RF.....1.03

Fig. H—MINIATURE ADJUSTABLE BROADCAST OSCILLATOR COIL

With 100 mfd. 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 mfd. in unpadding circuits, and 365 to 420 mfd. in padded circuits. Adjustable iron core permits accurate adjustment for proper tracking and calibration. Its small size of 1" by 3/4" permits its use in the most compact circuits.

Meissner Type 14-1073.....1.03

Fig. I—PHONO OSCILLATOR COIL FOR WIRELESS RECORD PLAYERS

Knob adjustment for selecting of clear frequency in BC band. Meissner Type 17-9373—1 1/4" sq. x 3 1/2" high.....2.22
BFO COIL
supplies beat note for CW reception. Range 290-650 KC. Peaked at 456 KC. 1 1/4" sq. x 3 1/2" high.
Meissner Type 17-6753.....2.94

Fig. J—"MINIATURE" ADJUSTABLE VIDEO PEAKING COILS

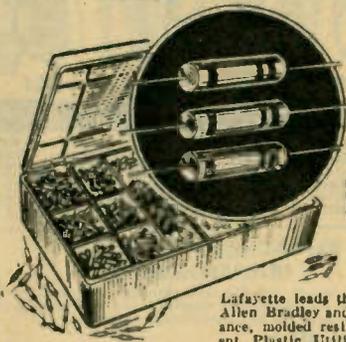
Permit "exact" screwdriver adjustment of frequency response in video amplifier stages by use of powdered iron cores. Mtg. by leads. 1" x 1 1/2"

Type	Inductance Range	Net
19-1920	65 — 115 uh	.59
19-1921	115 — 195 uh	.59
19-1922	195 — 325 uh	.59
19-1923	325 — 500 uh	.73

A FABULOUS BUY!

GENUINE

IRC and ALLEN-BRADLEY Resistor Kit



10% TOLERANCE
1/2 Watt RMA Color Coded

100 INSULATED RESISTORS



with **QUANT. OHMS**
PLASTIC HINGED BOX!

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 1/2" x 4 1/4" x 1-3/16". The finest resistors on the market. Molded insulated composition resistors. Meet JAN-B-11 specifications, including salt water, immersion and high humidity tests.

Stock No. K1-23—Total 100 molded resistors with Transparent Plastic Case.....

QUANT.	OHMS
3	100
3	470
4	1,000
3	2,200
4	4,700
5	10,000
4	22,000
4	27,000
4	33,000
4	47,000
10	.1 meg
4	.15 meg
4	.27 meg
10	.47 meg
10	1 meg
4	2.2 meg
4	Other
20	popular values

\$4.50

NET 4.50 100 TOTAL

A GREAT BUY!

IRC & ALLEN-BRADLEY Resistors

Lafayette leads again with a great buy on IRC & Allen Bradley RMA color coded insulated resistors. These resistors are not surplus; they are BRAND NEW, purchased direct from the factory and for the first time at a price that enables laboratories, industrials and servicemen to use the finest resistor made for ordinary use.

VALUES AVAILABLE AT ±10% TOLERANCE

Ohms	Ohms	Ohms	Ohms	Meg	Megs	Megs
10	100	1,000	10,000	0.1	1.0	10
12	120	1,200	12,000	0.12	1.2	12
15	150	1,500	15,000	0.15	1.5	15
18	180	1,800	18,000	0.18	1.8	18
22	220	2,200	22,000	0.22	2.2	22
27	270	2,700	27,000	0.27	2.7	—
33	330	3,300	33,000	0.33	3.3	—
39	390	3,900	39,000	0.39	3.9	—
47	470	4,700	47,000	0.47	4.7	—
56	560	5,600	56,000	0.56	5.6	—
68	680	6,800	68,000	0.68	6.8	—
82	820	8,200	82,000	0.82	8.2	—

5206A—1/2 watt 10% tolerance Net 4c each lots of 10.....45c lots of 100.....3.99	5207A—1 watt 10% tolerance Net 7c each lots of 10.....60c lots of 100.....5.50	5263A—2 watt 10% tolerance Net 12c each lots of 10..... 1.10 lots of 100.....10.00
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SELENIUM RECTIFIERS

- DIRECT REPLACEMENTS FOR TV & RADIO
- FOR THE EXPERIMENTS & KIT BUILDER

Famous brands of the most popular selenium rectifiers used in TV and Radio sets. Ideal for the experimenter and kit builder as well. All are fresh and newly stocked. Input voltage is 130 volts AC. Highest quality rectifiers of Lafayette's unmatched economy prices.

Stock No.	Ma.	Each	Lots of 10 Each
RE-12	65	.57	.55
RE-14	75	.67	.64
RE-10	100	.80	.75
RE-15	150	.97	.89
RE-16	200	1.19	1.08
RE-11	250	1.21	1.11
RE-17	300	1.39	1.29
RE-18	350	1.57	1.50
RE-13	400	1.69	1.59
RE-19	450	1.77	1.70
RE-20	500	1.85	1.75

NEW! GE GERMANIUM TV RECTIFIERS

- MAKES TV RECTIFIER REPLACEMENT A "SNAP"

The new GE germanium TV rectifiers are specifically designed for TV power supply applications. Have extremely long life because of complete absence of aging characteristics. Provides higher DC output. Mechanical "snap-in" design makes TV rectifier replacement simple by snapping into existing mounting hole. All are rated for 130 Volts Input.

No.	Type	Ma.	Net Each
IN1005	Halfwave	250	1.37
IN1007	Halfwave	350	1.72
IN1008	Halfwave	400	1.94
IN1013	Daubler	250	2.72

NEW! INTERNATIONAL RECTIFIER

500 Ma. RADIO & TV SILICON RECTIFIER

- UNIVERSAL REPLACEMENT FOR ALL EXISTING SELENIUM RADIO OR TV RECTIFIERS

A silicon diode rectifier designed to replace all existing Radio and TV selenium rectifiers up to 500 milliamperes. A silicon diode mounted on a finned heat radiator for optimum convection cooling, extra long life and increased, sustained voltage output. Features eyelet construction for mounting and replaces selenium units without any need for conversion. Size: 1 1/2" x 1 1/2" x 1" overall.

RE-21—Lots of 3 Each 1.89..... Singly 2.08

WESTINGHOUSE 417A KLYSTRON

Covers frequency range of 2650 to 3330 mc/sec. Can take up to 75 watts input with forced air cooling. Frequency adjustable by means of screw (coarse) and knob (fine). Ratings: Beam V = 1000 at 40 ma. R.F. Power = 400, Filament is 6.3 v. at 3 amp. Reflector voltage—250.

SP-13—In lots of 3, each.....NET 1.75
Singly, each.....NET 1.95

NEW! SARKES TARZIAN M500 SILICON RECTIFIER

Cartridge type silicon rectifier that replaces all selenium rectifiers used in radio and TV up to 500 millivolts. Has greater life and can withstand more heat. Results in increased B+ and drive voltages for improved TV picture definition, sensitivity and stability. Mounts in standard fuse holder for 3AG fuse. 2 units required in voltage doubler circuit. Can take up to a maximum input of 280 volts AC. Size: 1" x 1 1/2" x 3/8" diam; ends — 1/4" diam.

Model M500 Silicon Rectifier.....Net 2.12
BUSS 4405 HOLDER FOR SINGLE M500.....Net .12
BUSS 4408 DUAL HOLDER FOR TWO M500.....Net .24

MALLORY MAGNESIUM-COPPER SULPHIDE RECTIFIERS

Single phase, full-wave all metal bridge type rectifiers. Self-heating rectifying film. Constant output and not affected by temperature extremes (—90° to +265°F). ± At full load. Type of mounting: * Insulated bolt; † Insulated stud; ‡ grounded foot. J = universal mounting design.

Mfr. No.	ACV ^{per} in-put	per out-put	Cont. Amps	Size HxWxD	Replacement in Equipment	Wt. lbs.	List	Net Each
1B12R*	9.7	5.2	1.3	1/8x1/2x1 3/4"	Electric Fence Supplies	1/4	3.95	2.63
1B12L5*	9.7	5.0	4.5	2 3/8x2 1/8x2 1/2"	Mollory 6AC4-2 charger	1/2	7.10	4.73
1B12C5*	9.7	5.0	5.3	2 3/8x2 1/8x3"	Mollory 6AC6-3 charger	3/4	8.95	5.97
1B12C1J*	9.8	5.1	3.2	1 3/8x1 1/4x2 3/4"	Mollory 3C, 6ACA Booster	3/4	7.25	4.84
1516CB7*	12.8	6.6	6.0	3x2 1/2x3 3/4"	Mollory 5535B, 6AC6, 1516CB7M	1 1/2	12.30	8.20
1516B75	12.8	6.5	8.3	3x2 1/2x5 1/2"	6-AC-10-2, 107, 1516B7M	2	13.60	9.07
S1516B95	12.7	6.4	11.6	4 1/4x3 1/2x5 1/2"	Mollory 6AC10	3	15.50	10.33
F16C31	13.0	6.8	3.9	2 1/8x1 3/4x3"	Mollory 5535	1	10.70	7.13
1524C7J5	19.4	10.1	4.0	3 1/2x2 1/2x4 3/4"	Mollory 12-AC-5-2	2 1/2	115.45	10.30

455 KC UNIVERSAL I.F. TRANSFORMER

Only 3/4" Square

The most popular replacement I.F. at half the regular price! Exceptionally high gain powdered iron core, compression tuned, 455 KC midget I.F. — only 3/4" square by 1 1/4" high. For both input and output circuits. Supplied with mounting clip and adapter plate to replace both midget and larger size cons. Shpg. wt., 4 ozs.

Stock No. MS-22, singly, ea.59
Lots of 10, ea.49

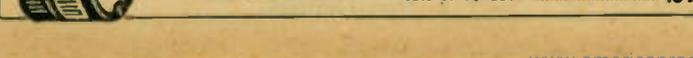
SUBMINIATURE 455 KC I.F.

For vacuum tube type personal sets. Used in all the really small sets. Ferrite core, slug tuned from top and bottom of con. Can be only 1/2" square x 1 1/2" high. It's ideal for replacement as well as building miniature sets.

MS-129 — In lots of 10, each..... .79
Singly, each..... .89

LONG SHAFT CONTROL WITH SWITCH

VC-10, 1 Meg. } AUDIO TAPER
VC-11, 1/2 Meg. }
Each..... .49
Lots of 10 Each..... .39



THORDARSON TRANSFORMERS

"22R" SERIES POWER TRANSFORMERS

Fig. AGF. Finest quality. Adjustable brackets allow flush, vertical or horizontal mounting. RETMA color-coded. 117 volt, 50-60 cycle primaries. All Fil. 1 windings center-tapped. *Has additional 2.5 volt CT winding, at 3.5 amps. †Has additional 2.5 volt, 5 amp center-tapped winding. **All plate windings center-tapped.

Mfr's Type	Plate V**	MA	Rect. V A	Fil. 1 V A	Mtg. Ctrs.	Wt. Lbs.	Net Each
22R00	500	40	5	2 6.3	2.0	2x2 1/2"	2 1/2 4.88
22R01	550	50	5	2 6.3	2.5	2x2 1/2"	3 5.88
22R02	600	70	5	2 6.3	3.0	2x2 1/2"	3 1/2 7.03
22R04	600	90	5	2 6.3	3.5	2 1/2 x 2 1/2"	3 3/4 6.85
22R05	600	120	5	3 6.3	5.0	2 1/2 x 3 1/2"	5 1/2 7.50
22R06	650	150	5	3 6.3	5.0	2 1/2 x 3 1/2"	6 3/4 8.76
22R07	700	200	5	3 6.3	6.0	3x3 1/2"	8 1/2 11.44
22R09	550	50	5	2 2.5	7.5	2x2 1/2"	3 4.88
22R10*	650	85	5	2 2.5	9.0	2 1/2 x 3 1/2"	4 3/4 8.36
22R11†	650	120	5	3 2.5	12.5	2 1/2 x 3 1/2"	6 1/4 7.50

"22R" SERIES POWER TRANSFORMERS

Fig. GGV. 117 volt, 50-60 cycle primaries. All Fil. 1 windings CT. Leads stripped and tinned. **All plate windings center-tapped. *Has additional 6.3 volt, 3 amp CT winding.

Mfr's Type	Plate V**	MA	Rect. V A	Fil. 1 V A	Mtg. Ctrs.	Wt. Lbs.	Net Each
22R30	550	50	5	2 6.3	2.5	2x2 1/2"	3 1/2 6.12
22R31	720	80	5	2 6.3	2.5	2x2 1/2"	5 1/2 8.67
22R32*	700	110	5	2 6.3	3.0	2 1/2 x 2 1/2"	6 1/4 10.74
22R33	750	160	5	3 6.3	5.0	3x2 1/2"	9 11.44
22R34	770	225	5	3 6.3	5.0	3x3 1/2"	11 1/4 13.15
22R35	800	340	5	3 6.3	7.0	3x4 1/4"	13 15.99
22R36	1200	200	5	3 6.3	5.0	3x3 1/2"	8 1/2 11.76

CLASS "B" AND "AB" DRIVERS

For use in modulators or high-powered audio amplifiers. *Indicates single plate to PP grids. Others can be used as single or PP plates to PP grids.

Mfr's Type	Fig.	Max. Ma DC	Pri. 1/2 Sec.	Mtg. Ctrs.	Wt. Lbs.	Net Each
20D75*	BAH	5	2.4:1	2"	1	2.78
20D76*	BAH	15	5.2:1	2"	1	2.78
20D77*	FGV	30	2.5:1	2 3/8"	2	4.23
20D78	GGV	40	4.0:1	1 3/4 x 2"	3	6.12
20D79	FGV	30	5.2:1	2 3/8"	2	5.97
20D87	BAH	30	5.2:1	2 3/8"	1 3/4	4.90

ACROSOUND HIGH-FIDELITY OUTPUT TRANSFORMERS



For use with Williamson type amplifier circuits. Provides a much higher audio output level of very low distortion. Can be used in converting many popular amplifier circuits to Ultra Linear operation.

Model TO-300. 20 watts of undistorted power from 20 to 30,000 cps; 40 watts from 20 to 20,000 cps. Primary 6600 ohms. Output 4, 8 and 16 ohms. Frequency response: ± 1 db from 10 to 100,000 cps. Permissible feedback: 30 db. Maximum DC per primary: 75 ma. 10" color-coded leads. Size: 4 1/4 x 3 3/4". Shpg. wt., 7 lbs. **Net 24.25**

Model TO-310. Similar to TO-300, but for 12 watt circuits. Primary 8000 ohms. Output 4, 8 and 16 ohms. 10 watts of undistorted power output from 20 to 30,000 cps; 20 watts from 20 to 20,000 cps. Frequency response: ± 1 db. from 10 to 100,000 cps. Permissible feedback: 30 db. Maximum DC per primary: 75 ma. 10" color-coded leads. Size: 4 1/4 x 3 3/4". Shpg. wt., 6 lbs. **Net 18.37**

Model TO-305. Similar to TO-300, but has 4, 8, 16, 125 and 500 ohm output impedances. Primary 6600 ohms. Matches push-pull type 6L6 or 88B1 tubes for Ultra Linear operation. 20 watts of undistorted power from 20 to 30,000 cps; 40 watts from 20 to 20,000 cps. 10" color-coded leads. Size: 4 1/4 x 3 3/4". Shpg. wt., 8 lbs. **Net 30.13**

Model TO-315. Similar to TO-310, but has 4, 8, 16, 125 and 500 ohm output impedances. Primary 8000 ohms. Matches push-pull type 6V6 tubes. 10 watts of undistorted power from 20 to 30,000 cps; 20 watts from 20 to 20,000 cps. Size: 4 1/4 x 3 3/4". Shpg. wt., 7 lbs. **Net 24.25**

Model TO-330. Designed for high-power, push-pull parallel operation. Will provide 50 watts of undistorted power from 20 to 30,000 cps with 807 or KT-66 tubes; 100 watts from 20 to 20,000 ohms. Primary 3300 ohms. Output 4, 8, 16 ohms. Frequency response: ± 1 db 10 cps to 100 kc. Permissible feedback: 30 db. Insertion loss all taps: .5 db maximum. DC per primary maximum: 150 ma. Permissible DC unbalance: 15%. Mtg. centers are 3 x 3/4". Size: 5 1/2 x 4 x 4 1/4". 10" color-coded leads. Shpg. wt., 15 lbs. **TO-330 Net 38.95**

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.

Mfr's Type	Plate V**	MA	Rect. V A	FIL 1 V A	Mtg. Ctrs.	Wt. Lbs.	NET EA.
24R00	480	40	5	2 6.3	2.0	2x2 1/2"	2 4.41
24R00-U	480	40	5	2 6.3	2.0	2x1 1/2"	2 4.41
24R01	650	40	5	2 6.3	2.0	2x1 1/2"	2 3/4 4.50
24R01-U	650	40	5	2 6.3	2.0	2x1 1/2"	2 3/4 4.50
24R02	700	70	5	2 6.3	2.5	2 1/2 x 2 1/2"	4 5.62
24R02	700	90	5	3 6.3	3.5	2 1/2 x 3 1/2"	4 1/2 6.53
24R04	700	90	5	3 6.3	3.5	2 1/2 x 3 1/2"	4 1/2 6.53
24R05	700	120	5	3 6.3	4.7	2 1/2 x 3 1/2"	5 1/2 6.91
24R05-U	700	120	5	3 6.3	4.7	2 1/2 x 3 1/2"	5 1/2 6.91
24R06	750	150	5	3 6.3	4.7	2 1/2 x 3 1/2"	6 1/2 8.17
24R06-U	750	150	5	3 6.3	4.7	2 1/2 x 3 1/2"	6 1/2 8.17
24R07	800	200	5	3 6.3	5.0	3x3 1/2"	9 9.32
24R07-U	800	200	5	3 6.3	5.0	3x3 1/2"	9 9.32

ECONOMY "24" SERIES TUBE-TO-VOICE COIL OUTPUT TRANSFORMERS

Fig. BAH. For economical replacement use in most popular radios. All have single 3.2-ohm secondaries and are rated Class A.

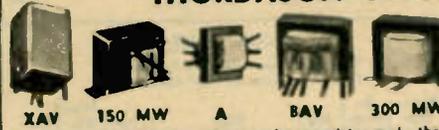
Mfr's Type	Primary Impedance	Pri. Ma	W	Mtg. Ctrs.	Wt. Lbs.	NET EA.
24S48	4,000-5,000	10	5	1 3/4"	1/2	1.29
24S49	7,000-8,000	10	5	1 3/4"	1/2	1.21
24S50	2,000	55	5	2"	1/2	1.21
24S51	5,000	40	5	2"	1/2	1.29
24S52	7,000-10,000	30	5	2"	1/2	1.26
24S54	15,000-25,000	10	5	2"	1/2	1.38

TUBE-TO-LINE TRANSFORMERS (LOW LEVEL)

Primary for single or PP plates. Sec. to line. 60-15,000 cps. 22S91 has hum-bucking construction. Shpg. wt., 1 1/4 lbs.

Type	Fig.	Pri.	Sec.	Ctrs.	NET
22S90	FGV	20,000 CT	125,200,500	2 3/8"	3.76
22S91	BAH	20,000 CT	125,200,500	2 3/8"	3.23

THORDARSON TRANSISTOR TRANSFORMERS



A line of tiny audio transformers for transistor and other miniaturized circuitry with 150 and 300 milliwatt outputs. The 150 mw units have 1 1/8" and the 300 mw units have 1 3/8" mounting centers. All 150 mw, except * 300 mw.

APPLICATIONS

A—INPUT B—BRIDGING D—DRIVER
J—INTERSTAGE S—OUTPUT

Thord. No.	Turns Ratio	Impedance Wdg. #1	Wdg. #2	Applications
TR-1*	1.00:1	500 CT	500 CT	BDJ
TR-2	1.23:1	5000 CT	7500 CT	BDJ
TR-3	1.41:1	5000 CT	10000 CT	DJ
TR-4	1.73:1	1500	500 CT	DJS
TR-5	1.81:1	490 CT	150 CT	D5
TR-6	1.83:1	10000	3000 CT	DJ
TR-7	2.24:1	10000	2000 CT	DJ
TR-8*	2.45:1	48 CT	8 or 4	A
TR-9	2.45:1	5000	30000 CT	AS
TR-10	3.00:1	5000 CT	45000	AJ
TR-11	3.16:1	500 CT	50	DS
TR-12	3.16:1	100 CT	10 CT	AJ
TR-13	4.00:1	5000 CT	80000	AJ
TR-14	4.08:1	20000	1200	S
TR-15	4.47:1	400 CT	15	S
TR-16	5.00:1	400 CT	800 CT	ADJS
TR-17	5.00:1	20000	16.4	S
TR-18	5.52:1	500 CT	11	S
TR-19	6.04:1	400 CT	16.8	S
TR-20	6.22:1	650 CT	16.8	S
TR-21*	6.33:1	150	8 or 4	S
TR-22*	7.07:1	400 CT	8 or 4	DS
TR-23	7.07:1	10000	200 CT	AJ
TR-24	8.17:1	100000	1500 CT	DS
TR-25	8.66:1	15000	200 CT	JS
TR-26	10.0:1	50000	500 CT	ADS
TR-27	12.5:1	500 CT	3.2	S
TR-28	14.1:1	200000	1000	A
TR-29	15.6:1	825 CT	3.4	S
TR-30	15.8:1	50000	200 CT	AS
TR-31	20.0:1	40000	100	AS
TR-32	25.5:1	9800	15	AS
TR-33*	35.4:1	250000	200 CT	A
TR-34	40.8:1	50000	30 CT	A
TR-35*	44.7:1	100000	50	A
TR-36*	50.0:1	500000	200 CT	A

NET EACH 3.26



UNIVERSAL LINE-TO-VOICE COIL

Fig. BHM. Secondary taps market with impedance values. *Also market for 70 v. power distribution service.

Mfr's Type	Primary Impedance	Sec. Imp.	Watts Lbs.	Wt. Lbs.	NET EA.
22S80	500, 600		8	2 1/2	3.91
22S82			25	2 1/2	3.53
22S83			15	2 1/2	3.91
22S84	2000/1500/1000/500	3.2, 8, 16	5	2 1/2	3.41
22S85			3	2 1/2	3.76
24S66	2000, 1500, 1000, 500	3.2, 8	10	1 1/2	2.73
24S62*	3000, 2500, 2000, 1500, 1000, 500	.06—48	10	2 1/2	4.23

AUDIO INPUT TRANSFORMERS

Electrostatic shielded. *Response, 250-3500 cps. †Response, 60-7500 cps; hum-bucking construction. All Fig. BAH except 20A01, Fig. FGV. Av. shpg. wt., 1 lb.

Mfr's Turns Type Ratio	Application	Mtg. Ctrs.	NET EA.
*20A00 1:10	Line or mic to sgl. or PP grids	2"	3.26
*20A01 1:20	Line or mic to sgl. grid	2 3/8"	4.26
*20A04 1:80	Voice coil or mic to grid	2"	1.82
20A10 1:20	Line or mic to sgl. grid	2 3/8"	2.94
20A11 1:20	Line or mic to sgl. or PP grids	2 3/8"	3.09

AUDIO INTERSTAGE TRANSFORMERS

Primary current, 8 ma. Type 20A25 has split secondary, hum-bucking coil and core. *Has wire leads. All Fig. BAH except 20A23 and 20A24, Fig. FGV; 20A25, Fig. RTV; and 20A29, Fig. BAV. Av. shpg. wt., 1 1/4 lbs.

Mfr's Turns Type Ratio	Application	Mtg. Ctrs.	NET EA.
*20A16 1:2	Sgl. plate to sgl. or PP grids	2"	1.76
*20A17 1:2	Sgl. plate to sgl. or PP grids	1 1/2"	5.23
20A19 1:3	Plates to grids, sgl. or PP	2 3/8"	1.94
20A22 1:3	Sgl. plate to sgl. or PP grids	2 3/8"	2.47
20A23 1:3	Sgl. plate to sgl. or PP grids	2 3/8"	4.90
20A24 1:3	PP plates to PP grids	2 3/8"	3.99
20A25 1:1.41	Plates to grids, sgl. or PP	1 1/2"	8.03
20A29 1:1	Univ. car radio interstage	2"	2.35

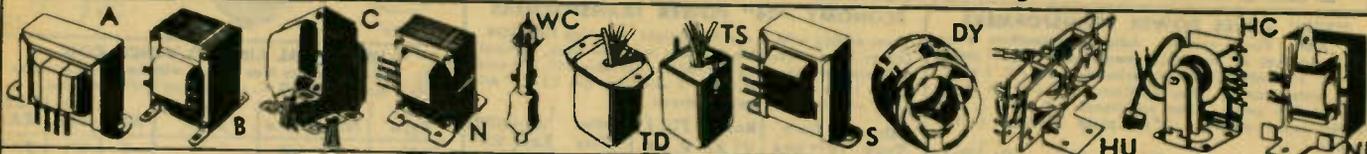
MINIATURE TRANSISTOR TRANSFORMERS

Fig A All Size 1/2 x 7/16 x 7/16 Wt. 1/10 lb.

Part No.	Turns Ratio	Impedance Wdg. No. 1	Wdg. No. 2	Power Milli-watts	Application
TR-37	1:1	500 CT	500 CT	50	B-D-J
TR-38	1.09:1	6000	5000 CT	50	B-D-J
TR-39	1.24:1	4000	2600 CT	50	D-J
TR-40	2.23:1	10000	2000 CT	50	D-J
TR-41	3.16:1	500	50	50	B-S
TR-42	3.16:1	20000	2000 CT	50	A-J
TR-43	3.53:1	125 CT	10	50	S
TR-44	4.07:1	20000	1200	50	A-J
TR-45	4.46:1	1000	50	50	D-S
TR-46	4.47:1	200 CT	10	50	S
TR-47	5.46:1	300 CT	10	50	S
TR-48	5.75:1	20000	600	50	A-J
TR-49	7.06:1	500 CT	10	50	S
TR-50	7.9:1	200 CT	3.2	50	

STANCOR

TRANSFORMERS-T.V. Replacements



DEFLECTION YOKES

All are ferrite cores, cosine wound, with leads on network. All type DY. All 3/4" diam. except DY14A is 2 1/2". Shpg. wt., 1 lb.

Stan. No.	Inductance MH	Res. Ohms	Max. Scan	Net Each
	Horiz. Vert.	Horiz. Vert.		
DY-1A	8.3 50	13.5 66	53°	5.15
DY-2A	10.3 50	14.5 66	70°	6.53
DY-8A	8.5 50	14.5 52.5	70°	6.53
DY-9A	13.5 50	17.5 53.5	70°	6.53
DY-10A	30.0 3.5	45 3.5	70°	6.53
DY-11A	20.0 50	31 50	70°	6.53
DY-12A	30.0 50	41 50	70°	6.53
DY-13A	12.5 48	15 52	90°	8.16
DY-14A	30.0 3.5	45 3.5	70°	6.69
DY-15A	25.0 50.0	35 50	70°	6.53
DY-16A	20 44.0	26 45	90°	7.18

This is only partial listing. Lafayette stocks and can supply all Stancor exact replacement transformers.

STANCOR EXACT DUPLICATE FLYBACKS

Stancor exact replacement flybacks are built from the set manufacturers' original specifications. They are exact electrical and physical duplicates of the units they are designated to replace.

STAN NO.	MFR.	MFR. NO.	NET
A-8128	Admiral	79C23-3 79C28-1	6.53
A-8134	Admiral	79C30-2/4, 79C38-1	6.86
A-8135	Admiral	79D41-1, -2	7.02
A-8255	Admiral	79C60-2, -3	5.29
A-8295	Admiral	79D65-1	5.09
A-8133	Admiral	79C30-1, -3	6.86
A-8253	Admiral	79D48-1	6.37
A-8230	Airking	10104/07/08/10/26/35	6.86
A-8128	Airline	22E42	6.53
A-8252	Andrea	ST3050	5.88
A-8265	Andrea	ST3051/6	6.20
A-8131	Capehart	79C0163A-1	4.24
A-8285	Capehart	85028, SE-1	7.06
A-8230	CBS Columbia	10104/07/08/10/26/35	6.86
A-8231	CBS Columbia	101368/37/38/59	6.86
A-8287	CBS Columbia	PC 10161	5.88
H-0258	CBS Columbia	12000751	5.15
A-8263	Crosley	158481-1, -2, -5	6.04
A-8248	Crosley	154069/-1, 154992/2/3	8.00
A-8128	Dumont	20-375, 20004261	6.53
A-8250	Dumont	20004361	5.88
A-8251	Dumont	20006731	6.37
A-8252	Dumont	20008061/8402	5.88
A-8131	Emerson	738047/48/53/60	4.24
A-8138	Emerson	738079/84	6.53
A-8232	Emerson	738067/68/69/73/74/75/82	6.86
A-8139	Emerson	738096, 738100	6.20
A-8230	Firestone	10104/07/08/10/26/35	6.86
A-8231	Firestone	101368/37/38/59	6.86
A-8130	G. E.	77J1	6.53
A-8256	G. E.	RTO 101	6.53
A-8257	G. E.	RTO 104	6.53
A-8258	G. E.	RTO 125/6/7	6.04
A-8262	G. E.	RTO 131/141/163-3	6.37
H-0252	G. E.	RTO 165	5.88
H-0253	G. E.	RTO 175	5.88
H-254	G. E.	RTO 179	5.88
A-8128	Hoffman	5123/34	6.53
A-8182	Majestic	C9, 240-1	6.53
A-8239	Motorola	24K792753 24K701009	6.53
A-8224	Motorola	24C11265/A 24C721290	8.56
A-8225	Motorola	24K721293	8.56
A-8129	Muniz	TO-20024	6.86
A-8132	Muniz	TO-0031	6.86
A-8220	Philco	32-8565	6.96
A-8221	Philco	32-8555	7.35
A-8222	Philco	32-8534	6.99
A-8223	Philco	32-8572	6.30
H-0262	Philco	32-8428/-1/-2	6.10
H-0257	Philco	32-8666-3	6.37
A-8119	R. C. A.	21175	6.53
A-8127	R. C. A.	21111/73	6.30
A-8243	R. C. A.	77833	4.12
A-8244	R. C. A.	78201, 78810	6.53
A-8233	R. C. A.	76430, 76795	6.76
A-8234	R. C. A.	76501	4.12
A-8235	R. C. A.	75519, 75585, 76381	4.47
H-0256	R. C. A.	23571	6.86
A-8245	Sentinel	22E57	6.53
A-8230	Silverstone	10104/07/08/10/26/35	6.86
A-8231	Silverstone	101368/37/38/59	6.86
A-8227	Sylvania	241-0003	4.70
A-8228	Sylvania	241-0005, 0006	5.03
A-8279	Sylvania	241-0007	5.29
H-0259	Sylvania	241-0011	4.80
A-8236	Westinghouse	V11548-1/-2/-3/-4	7.35
A-8237	Westinghouse	V9904-1, V-102213-1	6.37
A-8238	Westinghouse	V9904-2, V101204-1, V10214-1	6.37
A-8236	Westinghouse	V11548-1, -2, -3, -4	7.35
A-8267	Zenith	S15911/12-1656-6	6.11
A-8267	Zenith	S1730/40-17233	6.11
A-8267	Zenith	S17245/265/435	6.11
A-8267	Zenith	S17646/767/811	6.11
A-8267	Zenith	S17927-20908	6.11
A-8268	Zenith	S15015/202/709	6.11
A-8268	Zenith	S15710-16006	6.11
A-8268	Zenith	S16191/2004	6.11
A-8268	Zenith	S16211-16006	6.11
A-8268	Zenith	S17244/669X	6.11
A-8268	Zenith	S2-866	6.11
A-8276	Zenith	S22154	5.39
A-8277	Zenith	S21219	5.39
A-8269	Zenith	S18487/537/802	5.88

BLOCKING OSCILLATOR VERTICAL

Stan. No.	Turns Ratio	Size	Type	Shpg. Wt.	Net
A-8111	1-4.2	1 1/2x1 1/2x2 1/2	A	0.4	1.76
A-8121	1-4.2	1 1/2x1 1/2x2 1/2	TD	0.4	2.42
A-8122	1-4.2	1-9/16x1-3/16x1-3/16	TS	0.3	2.84
A-8124	Sec #2 1:1-0.48				
A-8125	Sec #2 1:1	1 1/2x1 1/2x2 1/2	A	0.7	2.71
A-8126	1-4.2	1-3/16x2-3/16x1 1/2	A	0.4	1.76
A-8128	1-1.5	1 1/2x1 1/2x2	S	0.5	1.79

WIDTH AND LINEARITY CONTROLS

All type WC. Shpg. wt., 5 oz.

Stan. No.	Use	Induct	Res.	AGC Ind.	AGC Res.	Net
WC-1	Width coil	.050-.50	0.53			.81
WC-2	Tapped Linearity coil	35-4.6	8.3			.81
WC-4	Width coil	.170-.610	1.0			.78
WC-5	Width Linearity coil	4-39 mh	32	2.7-7.6	19.5	1.37
WC-6	Tapped linearity coil	1.3-4.1	5.6			.85
WC-7	Width coil	5-3.5	2.3			.81
WC-8	Width coil	1.0-10.0	8.0			.98
WC-9	Width Coil with Keyed Winding	3.2-9 mh	28.0	16-70	1.0	1.05
WC-10	Width Coil with AGC	4.0-28 mh	32.0	2.6-7.3	12.0	1.15
WC-11	Width Coil	7-11 MH	70			1.54
WC-12	Width Coil with AGC	4-30 MH	3.2	.075-.80	27	1.79
WC-13	Width Coil with AGC	4-30 MH	3.2	185-1.82	27	1.79
WC-14	Width Coil	45-215 MH	130			1.54
WC-15	Width Coil	47-110 MH	135			1.30

FOCUS COILS

Type FC mounts with two 8-32 screws. Type FO mounts on 120° centers

Stan. No.	Dec.	Ma	Size	Type	Shpg. Wt.	Net
FC-10	247	200	3-11/32x3-11/32x 1-29/64	FC	2.0	5.59
FC-11	470	140	4 1/4x1 1/4	FC	3.2	7.11
FC-12	370	165	3-11/32x3-11/32x 1-29/64	FO	2.0	5.59

FIXED OUTPUT TRANSFORMERS

All are type A mtg. except * is C. A3337 similar to A but leads come out side.

Stan. No.	Primary	Secondary	Watts	Mtg. Centers	Shpg. Wt.	Net
A3312	1,000 CT	8	10	2 1/2x1 1/2	1 1/2	2.28
A3313	2,000 CT	8	10	2-13/16"	1	2.23
A3304*	7M CT	500/15/8/4	25	2x1-11/16"	2 1/4	6.30
A3310	10M CT	500/15/8/4	25	2 1/2x2"	3 1/2	6.94
A3311	10K CT	500/15/8/4	25	2 1/2x2"	3 1/2	6.94
A3327	4,000	3.5	3	1 1/2"	1 1/4	1.34
A3329	8,000	3.5	3	1 1/2"	1 1/4	1.34
A3330	2K	3.5	5	2"	1 1/2	1.79
A3332	2,000	3.5	5	2"	1 1/2	1.79
A3333	5K	6-8	10	2 1/2"	1 1/2	1.99
A3300*	3,000 CT	500/250/15/8/4	30	2 1/2x2"	4	6.04
A3301*	6,000 CT	500/250/15/8/4	35	2 1/2x2-3/16"	5 1/4	7.25
A3311	10M CT	500/15/8/4	25	2 1/2x2"	3 1/2	6.94
A3312	20K CT	500/15/8/4	25	2 1/2x2"	3 1/2	6.94
A3313	30M CT	4	3	1 1/2"	1 1/4	1.34
A3376	7,000	4	5	2"	1 1/2	1.79
A3377	5,000 CT	4	5	2"	1 1/2	1.79
A3378	7,000	4	5	2"	1 1/2	1.79
A3379	7,000	4	5	2"	1 1/2	1.79
A8114	10,000	3	5	2"	1 1/2	1.79

UNIVERSAL OUTPUT TRANSFORMERS

Match single or push pull plates to any voice coil except * which matches to 500/333/200/125/50 ohms and φ which matches to 500 ohms. All type A mounting.

Stan. No.	Primary	Watts	Size	Net	Net
A3250*	3K10, 20K CT (13 mm)	4	2x3 1/2x1 1/2	1 1/2	3.23
A3251	7-10K	4	1 1/2x2 1/2x1 1/2	1 1/2	1.79
A3252	4-14K CT	8	1 1/2x2 1/2x1 1/2	1 1/2	2.28
A3253	1.5-4 SK	8	2x3 1/2x1 1/2	1 1/2	2.58
A3254	3-10K CT	20	2-11/16x3-5/16x2 1/2	2	3.53
A32419	2.5, 4.5, 6.7	10	2-11/16x3-5/16x2 1/2	1 1/2	4.90
A3249	1.5-10K	10	1 1/2x2 1/2x1 1/2	1 1/2	2.21
A3250	4-14K CT	8	2x3 1/2x1 1/2	1 1/2	2.58
A3252	4-14K CT	18	2-3/8x2 1/2x2"	1 1/2	2.84
A3254	4-14K CT	18	2-3/8x2 1/2x2"	1 1/2	2.84
A3270	4-14K CT	18	2x3 1/2x1 1/2	1 1/2	2.23
A3280	4-14K CT	15	2 1/2x3 1/2x2 1/2	1 1/2	3.89

STANCOR EXACT DUPLICATE YOKES

STAN. NO.	MFR.	MFR. NO.	NET
DY-17A	G.E.	R1D 069 E7959641	8.16
DY-22A	Hoffman	5192A	6.11
DY-21A	R.C.A.	76653, 78278, 971387-3, 971744-1	6.53
DY-23A	R.C.A.	972459-2, -3	8.16
DY-18A	Sylvania	100-0003, 0005, 0006, 0007	7.18
DY-19A	Sylvania	100-0009	7.18
DY-20A	Sylvania	100-0004	7.18

FILAMENT TRANSFORMERS

All primaries are 117 volt except * which is 6.3 and † which is 117/107.

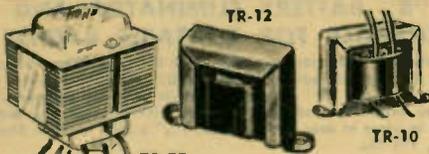
Stan. No.	Volts	Amps	Insul	Type	Shpg. Wt.	Net
P-3044	6.3 CT	6.0	2,500	8	2.4	4.09
P-6134	6.3 CT	1.2	2,500	A	0.8	1.89
P-6308†	6.3 CT	10.0	2,500	N	3.4	6.90
P-8190	6.3	1.2	5,000	A	1.0	2.48
P-8191*	6.3	1.2	5,000	A	1.0	2.68

FILTER CHOKES

All mtg. type A except * is C, † is B, ‡ is N

Stan. No.	Hys.	Ma	Ohms	Size	Lbs.	Net
C-1001	10.5	110	225	2 1/2x4x2 1/4	2.3	2.91
C-1080	3.5	50	200	1 1/2x1 1/2x2 1/2	0.7	1.40
C-1215	9.0	50	500	1 1/2x2 1/2x1 1/2	0.7	1.34
C-1325	5.0	50	250	1 1/2x2 1/2x1 1/2	0.7	1.50
C-1410*	4.0	175	100	3-3/16x2 1/2x2 1/2	2.4	4.12
C-1411*	4.5	200	80	3 3/8x3 3/8	3.5	4.66
C-1412*	4.0	250	60	3 3/8x3 3/8	3.5	6.82
C-1646*	5.0	200	90	4x3 1/2x3 1/2	4.5	6.88
C-1703‡	4.0	250	60	3 1/2x3 1/2x3 1/2	4.2	5.94
C-1706	4.5	50	300	1 1/2x2 1/2x1 3/8	0.4	1.21
C-1707	7.0	50	550	1 1/2x2 1/2x1 3/8	0.4	1.27
C-1709	9.0	85	250	2x3 1/2x2	1.4	2.22
C-1721‡	8.5	200	120	3 3/8x3 3/8x3	4.4	5.64
C-1722‡	8.0	300	80	4 3/8x3 3/8x3 1/2	7.3	9.37

TRANSFORMERS & INDUSTRIAL CAPACITORS



SPECIAL TRANSFORMER VALUES

Matches 50L6, 35L6, 25L6 etc. to 3-4 ohm voice coil. Shpg. wt., 1/2 lb.
 TR-10—Singly, each.....59 In lots of 5, each.....49

6.3 VOLT FILAMENT TRANSFORMER

Primary 115V. Secondary 6.3V of 1 amp. Shpg. wt., 3/4 lbs.
 TR-11—Singly, each.....1.10 In lots of 5, each......99

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......99 In lots of 5, each......90
 TR-13—8 watt—Singly, each.....1.15 In lots of 5, each......99

VIBRATOR TRANSFORMERS

Delivers 200VDC at 55 mils. 6 leads with topped primary and secondary. Size 2 1/4" x 1 1/2". 1 3/4" above chassis. 2 screw mount on 1 1/2" centers. Overall depth 2 1/4". Shpg. wt., 2 lbs.
 TR-77—For 6V cars } either type, in lots of 3, each.....1.49
 TR-78—For 12V cars } singly, each.....1.59

CORNELL-DUBILIER INDUSTRIAL CAPACITORS TJU DYKANOL TRANSMITTING CAPACITORS



High quality dependable capacitors with Dykanol impregnant in hermetically sealed containers. For industrial, experimental and transmitting applications. Commercial equivalent of JAN CP-70. Supplied with universal mounting bracket for quick easy mounting. Footed brackets or spade lug brackets available on special request. Avg. shpg. wt. 4 lbs.

TYPE TJU	CAP. uFD.	600 VDCV		1000 VDCV	
		SIZE	NET	SIZE	NET
6005	1	2 1/2 x 1-13/16 x 1-1/16	2.78	2 1/2 x 1-13/16 x 1-1/16	2.44
6010	1	2 1/2 x 1-13/16 x 1-1/16	3.41	2 1/2 x 1-13/16 x 1-1/16	2.91
6020	2	2 1/2 x 1-13/16 x 1-1/16	4.20	2 1/2 x 1-13/16 x 1-1/16	3.73
6030	3	3 1/2 x 1-13/16 x 1-1/16	4.83	3 1/2 x 1-13/16 x 1-1/16	4.29
6040	4	3 1/2 x 2 1/2 x 1-1/16	5.35	3 1/2 x 2 1/2 x 1-1/16	4.83
6050	5	4 1/2 x 1-13/16 x 1-1/16	6.14	4 1/2 x 1-13/16 x 1-1/16	5.67
6060	6	4 1/2 x 2 1/2 x 1-1/16	6.84	4 1/2 x 2 1/2 x 1-1/16	6.14
6080	8	4 3/4 x 1 1/2 x 1-1/16	7.94	4 3/4 x 1 1/2 x 1-1/16	7.44
6100	10	4 3/4 x 3/4 x 1 1/2	8.91	4 3/4 x 3/4 x 1 1/2	8.26
				4 3/4 x 3/4 x 1 1/2	8.91
				4 3/4 x 3/4 x 2 1/2	9.88
				4 3/4 x 3/4 x 2 1/2	10.67
				4 3/4 x 3/4 x 2 1/2	11.82

CORNELL-DUBILIER INDUSTRIAL CAPACITORS DEMICON MINIATURE METAL-CASED TUBULAR CAPACITORS

Designed to meet rigid and severe operating requirements. Hermetically sealed in metal cases with glass-to-metal seal terminals. Type TWC contains Dykanol C oil impregnant with temperature range -55° to +85° C. Type TWU contains Dykanol U oil impregnant with -55° to +125° C temperature range. In ungrounded basic style. Average shpg. wt. 3 oz.

Type	uFD	TYPE TWC		NET
		DCWV	SIZE	
1D1	.001	100	11/64x3/4	1.35
1D47	.0047	100	11/64x3/4	1.38
1S1	.01	100	11/64x3/4	1.41
1S22	.022	100	13/64x3/4	1.41
1S47	.047	100	5/16x7/8	1.47
1P1	.1	100	5/16x7/8	1.53
1P47	.47	100	9/16x1 1/8	1.76
1W1	1.0	100	9/16x1 1/8	2.00
2D1	.001	200	15/64x3/4	1.41
2D47	.0047	200	15/64x3/4	1.44
2S1	.01	200	15/64x3/4	1.47
2S22	.022	200	15/64x3/4	1.47
2S47	.047	200	5/16x7/8	1.53
2P1	.1	200	13/32x1 1/8	1.59
2P22	.22	200	13/32x1 1/8	1.70
2P47	.47	200	9/16x1 1/8	1.91
2W1	1.0	200	43/64x1 1/8	2.23
4D1	.001	400	15/64x3/4	1.47
4D47	.0047	400	15/64x3/4	1.47
4S1	.01	400	15/64x3/4	1.50
4S22	.022	400	5/16x7/8	1.56
4S47	.047	400	13/32x1 1/8	1.62
4P1	.1	400	13/32x1 1/8	1.70
4P22	.22	400	9/16x1 1/8	1.91
4P47	.47	400	43/64x1 1/8	2.20
6D1	.001	600	15/64x3/4	1.47
6D47	.0047	600	15/64x3/4	1.50
6S1	.01	600	5/16x7/8	1.56
6S22	.022	600	5/16x7/8	1.59
6S47	.047	600	13/32x1 1/8	1.65
6P1	.1	600	9/16x1 1/8	1.82
6P22	.22	600	9/16x1 1/8	2.03
6P47	.47	600	3/4x2 1/8	2.38

TYPE MP PUP METAL END-CAP CARDBOARD TUBULAR CAPACITORS

Compact metallized-paper units featuring non-inductive winding, high insulation resistance, low power factor and small capacity change with temperature and life.

Type	uFD	DCWV	SIZE	NET
MP2S1	.05	200	3/8x3/8	.38
MP2P1	.1	200	3/8x3/8	.41
MP2P25	.25	200	15/32x3/8	.53
MP2P5	.5	200	16/32x1 1/8	.61
MP2W1	1.0	200	9/16x1 1/8	.76
MP2W2	2.0	200	3/4x1 1/8	1.06
MP4S5	.05	400	15/32x3/8	.41
MP4P1	.1	400	15/32x1 1/8	.47
MP4P25	.25	400	9/16x1 1/8	.59
MP4P5	.5	400	3/4x1 1/8	.66
MP4W1	1.0	400	23/32x2 1/8	.84
MP6S1	.01	600	15/32x1 1/8	.53
MP6P1	.1	600	3/4x1 1/8	.65
MP6P25	.25	600	23/32x1 1/8	.85
MP6P5	.5	600	23/32x1 1/8	1.06
MP6W1	1.0	600	23/32x1 1/8	1.06

STANCOR POWER TRANSFORMERS



POWER TRANSFORMERS ALL PRIMARIES FOR 117 V. 60 CYCLE A.C.

GENERAL REPLACEMENT

All primaries 117 V 60 cycle. All secondaries C.T. except PS 8415 † has extra 6.3 V CT 3 AMP winding. * For use with selenium rectifier or 6AX5, 6X4 or 6X5. All type M except PC is C and PS is A.

POWER TRANSFORMERS

Stan. No.	Plate		Rect		Size	Wt. Lbs.	V	Fil	A	Net Each
	Vct	Ma	V	A						
PS-8415	125	15	*	*	2 1/2 x 1 3/8 x 2"	3/4	6.3	.6		2.06
PS-8416	250	25	*	*	2 1/2 x 2 1/8 x 1 3/4"	1	6.3	1.0		2.58
PM-8401	470	40	5	2	2 1/2 x 2 1/2 x 3/4"	2 1/4	6.3	2.0	4.41	
PC-8401	470	40	5	2	3 1/2 x 2 1/2 x 2 3/8"	2 1/2	6.3	2.0	4.41	
PM-8402	480	55	5	2	2 1/2 x 2 1/2 x 3/4"	2 1/2	6.3	2.0	4.90	
PC-8402	480	55	5	2	3 1/2 x 2 1/2 x 2 3/8"	2 1/2	6.3	2.0	4.90	
PM-8419	480	70	*	*	2 1/2 x 1 1/2 x 3/4"	2 1/4	6.3	3.0	4.90	
PC-8419	480	70	*	*	3 1/2 x 1 1/2 x 3/4"	2 1/4	6.3	3.0	4.90	
PM-8403	500	70	5	2	3 1/2 x 2 1/2 x 3/4"	3 1/4	6.3	2.5	5.49	
PC-8403	500	70	5	2	3 1/2 x 2 1/2 x 3/4"	3 1/4	6.3	2.5	5.49	
PM-8404	520	90	5	2	4 1/2 x 3 1/2 x 3/4"	4	6.3	3.0	6.17	
PC-8404	520	90	5	2	2 1/2 x 3 1/2 x 5 3/8"	4	6.3	3.0	6.17	
PM-8405	540	120	5	3	3 1/2 x 3 1/2 x 3/4"	4 1/2	6.3	3.5	6.82	
PC-8405	540	120	5	3	2 1/2 x 3 1/2 x 3/4"	4 1/2	6.3	3.5	6.82	
PM-8406	650	40	5	2	4 1/2 x 3 1/2 x 3/4"	4 1/2	6.3	2.0	4.51	
PC-8406	650	40	5	2	2 1/2 x 3 1/2 x 3/4"	4 1/2	6.3	2.0	4.51	
PM-8407	650	55	5	2	2 1/2 x 3 1/2 x 3/4"	3 1/2	6.3	2.0	4.96	
PC-8407	650	55	5	2	3 1/2 x 2 1/2 x 2 3/8"	2 1/2	6.3	2.0	4.51	
PM-8408	680	70	5	2	3 1/2 x 3 1/2 x 3/4"	4	6.3	2.5	5.62	
PC-8408	680	70	5	2	2 1/2 x 3 1/2 x 3 1/2"	4	6.3	2.5	5.62	
PM-8409	700	90	5	2	2 1/2 x 3 1/2 x 3/4"	4 1/2	6.3	3.0	6.27	
PC-8409	700	90	5	2	3 1/2 x 3 1/2 x 3/4"	4 1/2	6.3	3.0	6.27	
PM-8410	720	120	5	3	3 1/2 x 3 1/2 x 3/4"	5 1/2	6.3	3.5	6.92	
PC-8410	720	120	5	3	4 1/2 x 3 1/2 x 3/4"	5 1/2	6.3	3.5	6.92	
PM-8411	750	150	5	3	3 1/2 x 3 1/2 x 3/4"	5 1/2	6.3	4.5	8.29	
PC-8411	750	150	5	3	4 1/2 x 3 1/2 x 3/4"	5 1/2	6.3	4.5	8.29	
PM-8412	800	200	5	3	3 1/2 x 4 1/2 x 3/8"	8 1/4	6.3	5.0	9.34	
PC-8412	800	200	5	3	4 x 4 x 3/8"	8 1/4	6.3	5.0	9.34	
PC-8414†	1200	200	5	3	4 1/2 x 4 1/2 x 4"	8 1/2	6.3	3.0	11.78	

TV POWER TRANSFORMERS

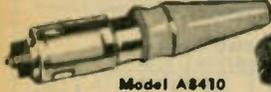
All primaries 117V 60 cycle. All plate voltages C.T. except † for use in voltage doubler circuits. All type M except * is C. † is M3. ‡ is C with 2 sockets. § Dual 6.3 windings may be used as 12.6 V.C.T.

TELEVISION POWER TRANSFORMERS

Stan. No.	Plate Vct	Vct Ma	Rec.		Volt	Amp.	Size	Wt. Lbs.	Net Each
			V	A					
P-5059*	675	200	5	CT	6.3 CT	5	4 1/2 x 4 1/2 x 4 1/2	9.6	11.69
P-115	740	275	5	CT	6.3 CT	7	4 1/2 x 3 1/2 x 4 1/2	9.3	12.74
P-8154	750	205	5	3	5.0/6.3	2.0/5.6	4 1/2 x 4 1/2 x 4 1/2	9.1	12.74
P-8155	450	90	5	2	6.3	5.15	6 1/2 x 3 1/2 x 3 1/2	4.5	7.25
P-8156	730	295	5	6	5.0/12.6 CT	2.0/5.0	3 1/2 x 3 1/2 x 4 1/2	14.5	20.18
P-8157	770	195	5/5	3/2	6.3/6.3/5.0	7.65/7.0/6.2	4 1/2 x 3 1/2 x 4 1/2	11.1	17.38
P-8158†	470	105							
P-8159	117	200	5	3	6.3/6.3/6.3	4.25/4.0/2.0	3 1/2 x 3 1/2 x 4 1/2	6.2	10.35
P-8160	720	185	5	3	5.0/6.3/6.3	2.0/8.0/0.6	5 1/2 x 3 1/2 x 4 1/2	10.0	16.20
	330	65							
P-8161	770	230	5/5	3/2	6.3	9.0	5 1/2 x 3 1/2 x 4 1/2	11.8	18.61
P-8162†	760	180	5	CT	6.3	9.0	3 1/2 x 3 1/2 x 4 1/2	9.0	13.32
P-8163	740	190	5	3	6.3/6.3	7.75/1.2	5 1/2 x 3 1/2 x 4 1/2	10.8	16.65
P-8164	600	225	5	3	6.3	9.0	4 1/2 x 3 1/2 x 4 1/2	7.5	13.12
P-8165	760	180	5	3	6.3/6.3	2.0/10.0	4 1/2 x 3 1/2 x 4 1/2	11.0	18.68
	440	70							
P-8166	680	330	5	6	6.3/6.3/6.3	2.5/5.0/5.0	6 x 3 1/2 x 4 1/2	13.0	19.30
P-8167	560	400	5	6	6.3/6.3	4.5/8.5	6 x 3 1/2 x 4 1/2	13.0	19.30
P-8168	440	330	5	3	6.3/6.3	6.3/6.5	4 1/2 x 3 1/2 x 4 1/2	10.5	18.45
	260	220							
P-8169	760	270	5	3	6.3/6.3/6.3	1.2/5.0/7.0	4 1/2 x 3 1/2 x 4 1/2	10.5	15.44
P-8170	760	270							

BATTERY CHARGERS · CONVERTERS · ELIMINATORS

SCHAUER BATTERY CHARGERS



Model A8410



Model CX-2

4 AMP CHARGERS

Here is a small, highly efficient unit that will recharge most batteries overnight. The 4 ampere charging rate tapers to approximately 2 amps as the battery becomes fully charged. Equipped with special "Charger-Guard" which provides instantaneous and full automatic protection against short circuits and overloads. No manual resetting of a circuit breaker or replacing of blown-out fuses. Selenium rectifier and quality construction. Quickly connected without disconnecting or removing the battery from your car. Operates on regular 110-115 volt 60 cycle AC house current. Steel case is 4 1/4" x 4 1/4" x 6 1/4". Complete with cables. Shpg. wt. 6V model 4 1/2 lbs., 12V model 6 lbs.

AX-2—for 6 volt batteries — Net 9.11
AX2-12—for 12 volt batteries. Net 11.73

6 AMP CHARGERS

Heavier & ampere charger that will completely charge the average run-down battery in 7 to 9 hours without disconnecting or removing it from the car. Has the same protective "Charger-Guard" feature as the AX-2. Equipped with an accurate numerical dial ammeter that shows the exact charging rate going into the battery. Steel case size 4 1/4" x 4 1/4" x 7 1/4". Complete with cords and battery clips. Operates on 110-115 volt 60 cycle AC. Shpg. wt. 6V model 8 lbs., 12V model 10 lbs.

8X-2—for 6 volt batteries — Net 13.03
8X2-12—for 12 volt batteries—Net 16.28

CHARGER PLUG

For use with all Schauer chargers. Eliminates need of attaching charger leads to battery. Charger connected simply by plugging into car's cigar lighter receptacle. Fits all cars. Shpg. wt. 1/2 lb.

A-8410 6 volt charger plug. Net 1.15
A-8412 12 volt charger plug. Net 1.15

CORNELL DUBILIER CONVERTERS



A COMPLETE LINE OF DC-AC CONVERTERS

For that convenient and appreciated shove in your car, boat, etc. Plugs into cigarette lighter outlet. Converts DC from your car battery to 110 volts AC for your electric razor, which plugs into outlet on converter. Rated 20 watts output continuous. Ruggedly constructed for long service. Model 65P2 uses vibrator No. 2530. Model 125P2 uses vibrator No. 2530, 2 1/2" x 3 7/32" x 2 1/4". Shpg. wt., 3 lbs.

Model 65P2, for 6V battery — Net 7.88
Model 125P2, for 12V battery — Net 7.88

C-D POWERCON CONVERTERS
Designed to supply 110 volt, 60 cycle, AC household power from DC lines for operation of radio and TV receivers, record players, tape recorders, small motor driven appliances, business machines, intercoms, etc. Highly dependable with built-in factory equipped noise suppression. Converters from 150 watts up are specially designed to meet the critical power conversion requirements of TV units.

110 V.D.C. to 110 V.A.C.									
Model	Vibrator No.	DC Input	Watts	Size	Shpg. Wt.	List Price	Net Each		
				W x L x H	lbs.				
110M15	2533	110	60	3" x 4-13/16" x 3 1/2"	7	28.50	16.76		
110M10	2565	110	90	3-15/16" x 5-5/16" x 4 1/2"	5	44.50	26.17		
110S10	110V86	110	150	100	6 1/2" x 8" x 5 1/2"	14	57.50	33.81	
110S15	110V88H	110	200	150	6 1/2" x 9" x 5 1/2"	16	72.00	42.33	
110H25	110V88H	110	325	250	7 1/2" x 11" x 6 1/2"	22	89.50	52.63	
110H35	110V88H	110	450	350	7 1/2" x 11" x 6 1/2"	22	135.00	79.38	
110SH40	110V88H	110	600	400	9 1/2" x 13" x 8"	37	170.00	99.94	

6 - 12 - 32 V.D.C. to 110 V.A.C.									
Model	Vibrator No.	DC Input	Watts	Size	Shpg. Wt.	List Price	Net Each		
				W x L x H	lbs.				
6L6	2563	6	90	60	6 1/2" x 8" x 5 1/2"	14	64.50	37.93	
6SM15	6VD6	6	175	150	9 1/2" x 13" x 8"	37	124.50	73.21	
12LM4	2530	12	50	60	3" x 4-13/16" x 3 1/2"	5	23.95	14.08	
12L6	2563	12	100	80	6 1/2" x 8" x 5 1/2"	13	44.95	26.43	
12M15	12VD6	12	175	150	7 1/2" x 11" x 6 1/2"	22	99.50	58.51	
32M18	32VB6	32	200	180	7 1/2" x 11" x 6 1/2"	22	118.00	69.38	

REPLACEMENT VIBRATORS					
Type	Net	Type	Net	Type	Net
2529	2.44	2563	6.09	12VD6H	13.82
2530	2.44	2563	6.09	32VB6H	7.94
2533	2.44	6VD6H	13.82	110V86H	7.94

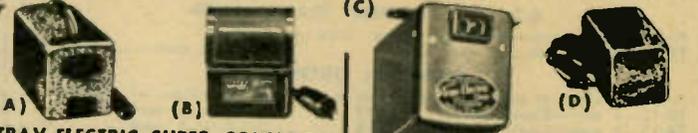
"B" BATTERY ELIMINATOR AND CHARGER FOR PORTABLE RADIOS



Replaces all snap terminal 67 1/2 V. B batteries. When indoors you can operate set on regular 110V AC without using up your expensive "B" battery. Also rejuvenates old batteries for many extra hours of use. Complete with AC cord and plug. Fits in place of your battery. Size: 1 1/4" x 2 1/2" x 1 3/8". Shpg. wt., 1 1/2 lbs.

F195 — Net 2.95

TERADO DC to AC CONVERTERS



TRAV-ELECTRIC SUPER CONVERTER (FIG. A)

Model 6-71160. New miniature converter delivers 60 watts AC—from your car cigarette lighter! Musty enough for small motors—run electric drills, vacuum cleaners, electric shavers in your car! Perfect for salesman, sportsmen and vacationers. Will operate phonographs, radios, tape recorders, dictating machines. Campers use to light 110 volt fluorescent lamps. Servicemen use to operate test equipment—antenna rotators in field tests. Converts 6 volts DC from your car battery to 110 volts AC, 60 cycles. 75 watts intermittent, 60 watts continuous. Wt. 8 lbs. Size 3 1/2" x 3 1/2" x 4 1/2".

NET 27.61
Type 12-71160. As above, but for 12 volts. List, 46.95 — NET 27.61

AUTO SHAVER CONVERTER (FIG. B)

For shaving in car, boat, etc. Plug into cigarette lighter outlet. Converts the 6 V DC from your car battery to 110 V AC. Use with any electric razor.

MODEL A-615 — 6 Volt...Net 7.61
MODEL A-1215—12 Volt...Net 7.61

NEW TERADO SPECIAL CHIEF (FIG. C)

Model 12-81160. This unit specifically designed to operate portable TV and other appliances at camp, lakeshore, anywhere within station range. Easily mounted under car dash, trunk or cabin cruiser. Ventilated metal case for constant cool operation. Plug-in receptacle has automatic switch which cuts off the unit when appliances are disconnected. Constant voltage relay assures steady output voltage despite decreasing battery voltage. Operates from 12V battery only. Output capacity 100-125 watts.

Model 12-81160 List 64.95 — Net 38.19

SENIOR CONVERTER (FIG. D)

Model 6-1160. Changes 6 volts DC to 110V AC. Capacity 40-45 watts. Will operate small radios, phonographs, small machines in car, boat, cabin or trailer. Plugs into car cigarette lighter. Fully filtered. Ready to operate. Size 2 1/2" x 2 1/2" x 4". Shpg. wt., 3 1/2 lbs.

TERADO 6-1160 List 21.95 — Net 12.91
TERADO 12-1160 As above but for 12 volts. List 21.95 — Net 12.91

NEW TERADO UNIVERSAL CONVERTERS CONVERTS BOTH 6 AND 12 V DC TO 110 V AC 60 CYCLES



"Automatic"



"Dual"

These new 6 and 12 volt dual-input converters let you use small appliances, electric shavers, dictating machines, tape recorders, and even small do-it-yourself electric tools in ANY CAR! Wonderful at camp, on pleasure or business trips... wherever you drive! The "Automatic" Model A-5585 features amazing automatic switching from 6 to 12 volts. No switches are used. Just plug into any car lighter, 6 or 12 volts. The "Dual" Model M-5585 has the same input and output capacities as the "Automatic", without the automatic switching feature. Instead, a convenient hidden switch is used to change from 6 to 12 volt operation. Both models AC. Capacity on 6 volts is 55 watts continuous; 75 watts intermittent. Convert on 12 volts is 85 watts continuous; 110 watts intermittent. Shpg. wt., 8 lbs.

Model A-5585 "Automatic" List 54.95 Net 32.33

Model M-5585 "Dual" List 51.95 Net 30.55

CORNELL-DUBILIER "SPORTSMAN SENIOR" SELF-CONTAINED AC POWER SOURCE



A completely portable and self-contained source of 110V 60 cycle AC power for operating small TV or radio receivers, record players, tape recorders and other AC equipment not requiring over 140 watts continuously or 175 watts intermittently. This compact power plant includes a highly efficient heavy-duty vibrator inverter, a built-in rapid battery charger, and a compartment for a 12 volt auto battery. Extremely simple operation with all controls, meter, fuses, and outlets on front panel. Complete recharging of the battery accomplished overnight from any regular power line. Heavy clamps and leads provided for connecting battery. In portable carrying case, 14" W x 9 1/2" D x 9 1/2" H. Shpg. wt., 25 lbs. without battery.

Model 125S14—Portable Powercon, Less Battery.....Net 77.91

C-D SINE-WAVE REGULATED AC POWERCONS



These vibrator inverters are designed for general marine service for use in radio communication, fathometers, fluorescent lights, amplifiers, etc. Makes power available up to the rated capacity of the Powercon. Provides constant output voltages even when input and load varies. Sine-wave output permits use of critical audio devices such as hi-fi systems.

NO.	TYPE	INPUT VOLTS	OUTPUT WATTS.	SIZE	WT. LBS.	NET
12SW10	Heavy	12	100	6 1/2" x 7 1/2" x 11"	20	82.01
6SW15	Super Heavy	6	150	8" x 9 1/2" x 13"	35	84.97
12SW25	Super Heavy	12	250	8" x 9 1/2" x 13"	35	90.85

NOTE: 28, 32 and 110-volt DC models also available on order.

PORCELAIN CASED TUBULAR CAPACITORS



Greatest Condenser Value Ever Offered!

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	.005	5	.005
20	.01	10	.01
20	.02	10	.02
20	.05	10	.05
10	.1	5	.1

KIT NO. KI-52	KIT NO. KI-51
List Value 32.00	List Value 16.00
4.95	2.75
SPECIAL NET	SPECIAL NET

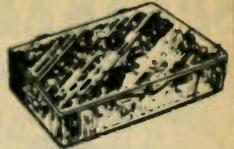
- TESTED AT 3 TIMES WORKING VOLTAGE
- EXCEPTIONALLY RESISTANT TO HIGH TEMPERATURES AND MOISTURE
- SURPASSES PERFORMANCE OF MOLDED PLASTIC TUBULARS

They're new, they're different, and they're better! Now, at a price for 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. It maintains its characteristics under extreme conditions of heat and humidity. Its mechanical construction is excellent, 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.

KI-51 ... Kit of 50 2.95
 KI-52 ... Kit of 100 5.45

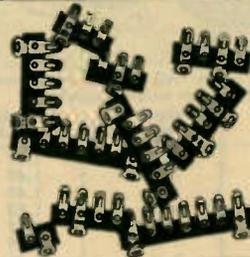
SERVICEMAN'S HARDWARE KIT

OVER 600 PIECES! **.79**



Don't confuse this kit with the typical pile of unusable junk found in most hardware kits. Over 600 pieces of selected hardware used every day including large ass't. of screws of every type. Packed in a handsome hinged plastic case 4 3/4" x 3 1/2" x 1". Shpg. wt. 1 1/2 lbs.

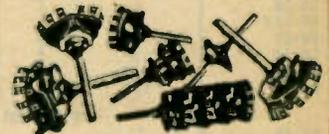
KI-40 Net 79¢



SOLDER LUG STRIPS

Handy assortment of 48 solder lug terminal strips with 8 of each type from 1 through 6 lugs.
 STOCK NO. KI-18
 Net 1.35

KIT OF 10 ROTARY SWITCHES



A fine assortment of rotary switches—for the set builders, amateurs and experimenters. Ideal for many circuit arrangements.

STOCK NO. KI-19 NET 99¢

UNIVERSAL 6 and 12 V. VIBRATORS



6 VOLT—4 PRONG

Standard 4 prong non-synchronous. Replaces Mallory 294, 859, 901M, Radiart 5300, 5301 etc. Shpg. Wt. 1/2 lb.

MS-14 In lots of 100, Each .99
 In lots of 10, Each 1.19
 Singly, Each 1.29

12 VOLT—3 PRONG

Replaces Buick, Olds, Pontiac, and G.M. part 1220155, Mallory G874, CD6390 and Vokar 3129. Shpg. Wt. 1/2 lb.

MS-127—In lots of 100, each 1.39
 In lots of 10, each 1.59
 Singly, each 1.70

12 VOLT—4 PRONG

Replaces Motorola 48B522000, Philco and Mopar 83-0025-1, Mallory G-859, Vokar 4124. Shpg. Wt. 1/2 lb.

MS-128—In lots of 100, each 1.29
 In lots of 10, each 1.42
 Singly, each 1.55

RAYTHEON HEARING AID TUBE

Quantity Limited



CK505AX

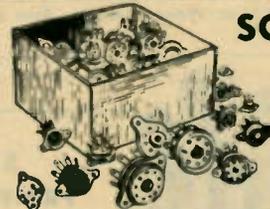
IN LOTS OF 10 **.49** EA.
 SINGLY **.59** EA.

SOCKET KIT

KIT OF 20

A highly usable kit of popular types. Selected to give you a fine value. Shpg. wt. 2 lbs.

KI-48 Net 85¢



VIBRATOR TEST ADAPTER

- USE WITH ANY TUBE TESTER
- TESTS 3 AND 4 PRONG, 6 OR 12V VIBRATORS

Quick, simple check for all standard 6 and 12 volt vibrators. Shows instantly if vibrator is working or defective. Indicates open or sticking contacts and starting voltage. Sturdy metallic body. 3 3/4" H x 1-9/16" W x 1-9/16" D. Shipping weight, 8 oz.

MS-394 Net 2.75

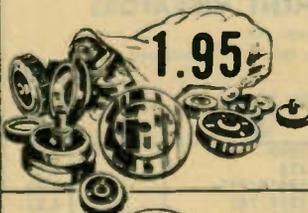


50 PIECE T.V. KNOB KIT

- A GREAT VALUE
- LESS THAN 4¢ EACH

Just a few of these knobs are worth more than the price of the entire kit! 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.

KI-45 1.95



1.95

STOCK UP ON THIS TERRIFIC CONDENSER VALUE!

Kit of 10 aluminum can, twist prong, plug-in and screw neck electrolytics — Contains single, dual and triple section units in assorted values and voltages. Regular value \$15.00. All 10 cost you less than the normal price of just two if bought regularly. Quantities are limited — suggest you stock up now, as at this remarkably low price they will go fast.

KI-15 18.00 Value for only 1.95

- Guaranteed
- Brand New



KIT OF 10 ELECTROLYTICS

MICA KIT 50 CONDENSERS

Big Savings **99¢** eo.

In lots of 3

A bit of the most popular mica capacitors for servicemen. Contains 50 popular sizes. A handy assortment for any service shop or experimenter.

Stock No. KI-10, single, each 1.19 ea.

CERAMICON KIT

25 ASSORTED

STOCK NO. KI-13



Here is a real buy! Genuine CRL and Eric assorted tubular and disc ceramic condensers. All condensers popular sizes, used in TV and FM sets. At Lafayette's low price every service shop should have at least one of these kits.

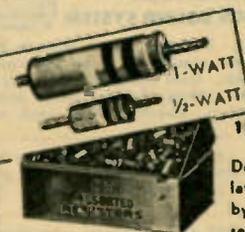
Complete kit of 25 87¢ ea.
 In lots of 6 79¢ ea.

INSULATED RESISTOR KIT

100 Pieces—RMA Color Coded Regular List Price 15.00

Do not confuse with non-insulated foreign makes, etc., offered by others. Contains a carefully selected assortment of 100 insulated resistors. Standard RMA color code. Included are 70—1/2 watt; 20—1 watt and 10—2 watt resistors.

Handsomely packed.



Stock No. KI-11 **\$159** eo.
 SPECIAL!

SPEAKERS - BAFFLES - ACCESSORIES - VIBRATORS

SPECIAL VALUES IN PM SPEAKER



Fine PM speakers at rock bottom prices. All have 3-4 ohm voice coil except † is 10 ohm and †† is 12 ohm. * indicates lighter weight magnet.

Stock No.	Size	Shpg. Wt.	Singly, Each	Lots of 3, Each
SK-61†	1½"	1 lb.	1.49	—
SK-65	2½"	1 lb.	1.49	—
SK-66†	2½"	1 lb.	1.49	—
SK-39††	2½"	1 lb.	1.98	—
SK-11*	4"	1 lb.	1.39	1.29
SK-25	4"	1 lb.	1.79	1.59
SK-12*	5"	1 lb.	1.45	1.35
SK-26	5"	1 lb.	1.89	1.69
SK-13*	6"	1½ lbs.	2.09	1.89
SK-27	6"	1½ lbs.	2.39	2.29
SK-14	8"	2½ lbs.	2.95	2.85
SK-34	10"	4½ lbs.	3.45	3.30
SK-41	12"	5 lbs.	3.95	3.75

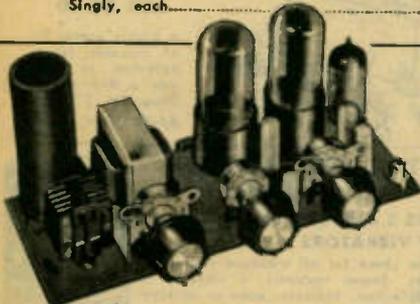
OVAL PM SPEAKERS

Stock No.	Size	Shpg. Wt.	Singly, Each	Lots of 3, Each
SK-16	4 x 6	1½ lbs.	2.09	1.99
SK-33	5 x 7	1½ lbs.	2.39	2.15
SK-90	6 x 9	2 lbs.	2.60	2.50

EXTRA HEAVY DUTY 6"x9" PM

This 6"x9" PM has a giant 2.15 oz. Alnico V magnet. Voice coil 3.2 ohm. Shpg. wt., 2½ lbs.

SK-17—In lots of 3, each.....2.99
Singly, each.....3.15



5 WATT PRINTED CIRCUIT AUDIO AMPLIFIER

- PUSH-PULL OUTPUT
- LOUDNESS - BASS - TREBLE CONTROLS

An ultra compact, 5 watt audio amplifier. Completely wired and assembled on a printed circuit chassis. Input accepts any ceramic or crystal phono cartridge. May also be used with AM and FM tuners. Separate bass, treble and loudness controls. Output impedance is 3.2 ohms. Overall size only 7¼" x 3" x 3¼" overall. May be used as the basic amplifier for small PA systems—paging systems—phonos—intercoms—etc. Complete with tubes, 2-50L6, 1-12AX7 and selenium rectifier, brushed gold and beige escutcheon for cabinet mounting, knobs, line cord and switch. Shpg. wt., 4 lbs. PK-234.....Net 10.95

HI-FI SPEAKER ACCESSORIES



ADD FLEXIBILITY TO YOUR SOUND SYSTEM

Remote Speaker Switch (A). 3 position switch connects Hi-Fi, Radio or TV set with remote speaker. Turns either speaker on or off, or places both in operation. Heavy duty, silver plated contacts. Gold embossed plate may be mounted on front panel of any existing equipment. Plate of heavy gauge brass—will not warp or tarnish. Complete with instructions, mounting plate, knob and hardware. Shpg. wt., 6 ozs. MS-408.....Net 1.15

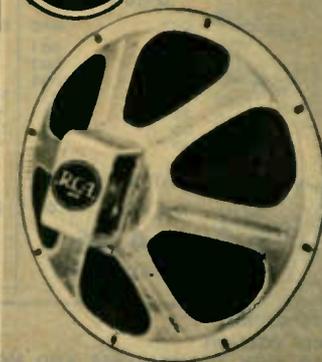
Remote Speaker Fader (B). Provides adjustable volume level for either Hi-Fi, Radio, or TV set and remote speaker. Gold embossed brass plate—heavy duty control. With instructions, mounting plate, knob and hardware. Shpg. wt., 6 ozs. MS-409.....Net 1.38

Multiple Remote Speaker Switch (C). Provides centralized control of up to six remote speakers. Constant impedance switching device—capable of 42 combinations of remote speakers. Simplifies installation of one to six speakers in Hi-Fi, PA and paging systems. Permits the addition of remote stations to simple intercom systems. May be used with any size speaker—any impedance. Gold embossed panel mounts on Hi-Fi or PA system. Complete with instructions and hardware. Shpg. wt., 10 ozs. MS-410.....Net 2.59



12" PM SPEAKERS

4.85 each
In lots of 3



- 12 WATTS OF POWER
- POWERFUL 6.8 OZ. ALNICO V MAGNET
- FOR HI-FI RADIO-PHONO INSTALLATIONS
- PERFECT FOR PA
- IMPROVE PRESENT AM/FM RADIO OR TV

RCA quality throughout. The big 6.8 oz. Alnico V magnet and the moisture-resistant voice coil suspension assures high efficiency and dependability. Power handling capacity 12 watts max. Rugged mechanical construction, welded housing assembly, dust-proof and rust resistant. Voice coil impedance 6.8 ohms. You'll never get a better buy than this. Shpg. wt., 5 lbs.

SK-40—In lots of 3, each.....4.85
Singly, each.....5.25

RCA 12"—10 WATT SPEAKER
Similar to above but with 2.15 oz. magnet. Shpg. wt., 5 lbs.

SK-41—In lots of 3, each.....3.75
Singly, each.....3.95

MODERN SPEAKER BAFFLES

- REINFORCED PLYWOOD CONSTRUCTION

Well built, plywood speaker baffles. For indoor P.A. systems, paging systems, Intercoms, extensions, etc. Frieze grille cloth. Modern walnut finish.

SB-10—6"—2.75 ea.....In lots of 6, 2.47 ea.
SB-11—8"—3.15 ea.....In lots of 6, 2.83 ea.
SB-12—10"—3.69 ea.....In lots of 6, 3.32 ea.
SB-13—12"—4.62 ea.....In lots of 6, 4.16 ea.

NEW! ACOUSTICAL SPEAKER BAFFLE

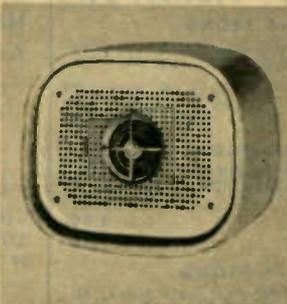
- ENTIRELY NEW BAFFLE DESIGN
- MADE OF FORMED CELOTEX

A new and unique application of universally accepted acoustical material. Attractive, new design—stronger than ordinary baffles—extremely lightweight. The front loading, perforated grill is acoustically dimensioned and located. Dispersion unit set in front panel. Perfect as combination carrying case and baffle for small, general purpose P.A. systems. Speaker size 8". Dimensions 13½" w x 10½" h. Depth shows from 5½" to 7½". Available in Charcoal and Silver or Tan and Bronze. Shpg. wt., 4 lbs.

SB-56—Charcoal & Silver.....Net 6.17

SB-57—Tan & Bronze.....Net 6.17

Net each in lots of 4.....5.55



MALLORY

REPLACEMENT VIBRATORS

Replacements for all popular sets. Consult Mallory Vibrators Guide for correct unit.

MALLORY GUIDE.....Net .15

Free with order for Mallory Vibrator.

Type No.	Volt	Net Each	Type No.	Volt	Net Each
F294	32	4.20	509P	6	2.44
F826S/F826c	32	4.53	716	6	4.53
G1803c/G567c	12	5.85	1801S/725c	6	5.03
G1801S/G725c	12	5.85	1801/742	6	4.53
G1802S/G749c	12	5.85	743	6	4.38
G1603S/G826c	12	4.53	748	6	4.53
G1601/G859	12	2.76	825S/825c	6	4.06
G1602/G883	12	2.76	1603S/826c	6	3.73
G1501/G4501	12	4.06	854	6	2.88
G1808/G4546	12	5.03	1601/859	6	2.76
G1807/G4548	12	5.03	870	6	2.88
G1801/G4549	12	5.03	903M	6	2.12
M1501/M4501	24	4.06	954	6	4.53
T4002	2	6.29	1100/1604	6	2.88
T4003	2	5.76	1701	6/12	5.64
W1802/W759	4	4.85	1751	6	5.76
W1601/W859	4	2.88	1852	6	5.70
1802/245	6	4.53	1501/4501	6	3.73
247	6	4.53	1512/4512	6	4.06
273c	6	5.38	1513/4513	6/12	4.06
294	6	2.88	1514/4514	6	4.06
298	6	3.73	1808/4546	6	4.53
1806/576	6	4.53	1807/4548	6	4.53
			1801/4549	6	4.53

AUTO SPEAKER KITS · GARAGE DOOR OPENERS

DeLUXE REAR SEAT AUTO SPEAKER KIT



DeLUXE 6" x 9" KIT WITH 2.15 OZ. ALNICO V MAGNET

A complete kit for adding another speaker in the rear of your car. You get a 6" x 9" PM speaker with a 2.15 oz. Alnico V magnet (the same heavy duty type you find in kits selling for twice this price); a three position selector switch so you can select either speaker alone or both together, dial plate with mounting bracket, knob and hardware; a chrome grille, wire and wiring instructions. Simple to install. Shpg. wt., 5 lbs.

SK-37 Net **4.65**

DE LUXE 5" x 7" KIT

Contains same accessories as above kit—except uses lighter 5" x 7" speaker and chrome grille. Shpg. wt., 3 lbs.

SK-42 Net **3.92**

FADER TYPE AUTO KITS

Rear seat auto speaker kits, identical to the above but with fader type control, which gradually increases volume on one speaker while diminishing other. Speakers can be set at equal volume or any variation desired. Shpg. wt., 5 lbs.

SK-55—5 x 7 kit Net **4.16**

SK-56—6 x 9 kit Net **4.89**

STATION WAGON REAR SEAT AUTO SPEAKER KITS

- CUSTOM DESIGNED SPEAKER HOUSING TO FIT CURVATURE OF YOUR CAR
- EASY TO INSTALL—NO HOLES TO CUT

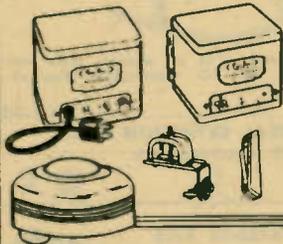
Solves problem of installing additional speaker in station wagons. **NO SPEAKER HOLES TO CUT!** All wires, brackets and screws are hidden from view after installation. Good quality 6 x 9" speaker mounted in handsome ivory and gold housing designed to fit your particular car. The 3-way switch controls choice of either speaker alone, or both together. Supplied complete with all parts, hardware and instructions. Shpg. wt., 6 lbs.



STOCK NO.	CAR	YEAR
SB-41	Ford & Merc.	52 thru 56
SB-43	Ford & Merc.	57
SB-42	Chev. & Pont.	55 thru 57
SB-42	Buick	55 thru 56
SB-42	Packard	57
SB-44	Plym. & Dodge	56
SB-46	Plym. & Dodge	57
SB-46	De Soto & Chrysler	
SB-47	Rambler	56 thru 57
SB-48	Buick & Oldsmobile	

YOUR COST
ANY
TYPE
8.08

RADIO CONTROLLED GARAGE DOOR OPENER



- Opens and closes door
- Turns light on and off.
- Locks door in down position!

Opens and closes your garage door—electronically—at a touch of your finger! Operates one piece tilt-up or sectional roll up doors up to 8x18 ft. 2 1/2 in. clearance required between ceiling and high arc of door. Simple—one man-installation! Use common hand tools—no soldering. Once installed you need only push the button on your dash—door opens—light goes on. A second push closes and locks door from inside garage. May be hand operated in event of power failure. Adaptable clutch checks door travel when obstructed. Transmitter only 6"x6"x5"—fits under hood. Antenna is concealed behind front bumper. Receiver is installed with motor—operates on 27.255 mc as authorized by F.C.C. Will actuate mechanism from 100 to 300 feet away. Complete system includes motor mechanism—transmitter—receiver—antennas—manual push button (for use in home or inside garage for operation without transmitter) all mounting hardware—wiring—tubes—and instructions. A truly professional installation. Shpg. wt., 100 lbs.

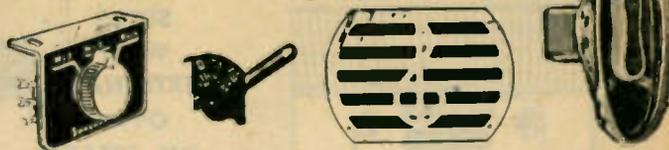
ML-84—List **219.00** **154.00**

Extra Transmitter—for two car families. Operate door from either car. Shpg. wt., 8 lbs.

ML-85—List **35.00** **24.50**

HI-FI REAR SEAT AUTO SPEAKER KITS

FEATURING 6x9 COAXIAL SPEAKER WITH TWIN TWEETERS
Add Hi-Fi Listening to Your Car



Identical to SK-37 auto speaker kit shown at left except for high fidelity 6 x 9" coaxial speaker instead of single cone unit. Excellent for the music listener who wants fine quality reproduction in his car.

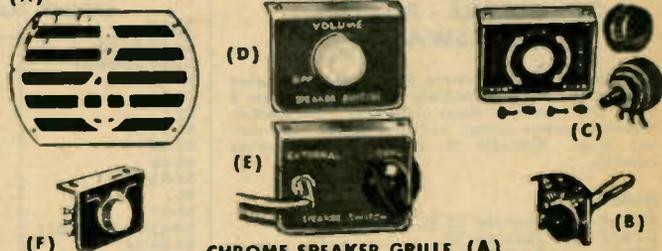
SK-77—Shpg. wt., 6 lbs. Net **8.80**

FADER TYPE AUTO KIT

Coaxial Kit identical to SK-77 but with fader control which gradually increases volume on one speaker while diminishing volume on other. Speakers can be set at equal volume or any variation desired.

SK-78—Shpg. wt., 6 lbs. Net **9.00**

(A) AUTO SPEAKER ACCESSORIES



(F) CHROME SPEAKER GRILLE (A)

Deluxe chrome speaker grille in a handsome modern motif. Perfect for rear seat installation—recreation room—intercom or P.A.—test panel and equipment. Complete with flocked screen and mounting hardware.

Stock No. ML-17, 4"x6" installation **.90**

Stock No. ML-69, -5x7 installation **.79**

Stock No. ML-16, 6"x9" installation **.99**

Stock No. ML-33, 8" installation **1.50**

AUTO RADIO

SWITCH KIT (F)

Switch Kit. For use with dual auto speakers. Consists of 3-position switch with 1/4" bushing and 7/16" knurled shaft, indicator plate and white push-on knob. Wt. 2 oz. MS-266 **.59**

(B) CRL AUTO RADIO SPEAKER SWITCH

Type 1483 SP 3-position switch for use with auxiliary rear seat auto radio speakers. Rated 1 amp at 6 volts. Has positive index. Shorting contacts. 3/8" bushing. 1 7/8" long shaft. Spring brass contacts, silver plated. Wt. 2 oz.

CRL-1483 **.54**

DUAL SPEAKER CONTROL KIT (C)

Designed to vary the volume either front or rear speaker—or both. Adds custom touch to rear seat speaker installations. Control allows residual amount of audio from one speaker while maximum audio is received from other, giving a dimensional effect. Includes wire wound control—knob—mounting plate—and simple instructions. MS-187 Net **.83**

REAR SEAT PERSONAL CONTROL (D)

Permits rear seat passenger to adjust sound level of rear speaker. Works independently of front control and does not affect front speaker.

G.C. No. 9504 Net **1.62**

EXTERNAL SPEAKER CONTROL (E)

For use with either earpiece for private listening or separate external speaker. Automatically cuts out interior auto speaker system.

G.C. No. 9500 Net **2.06**

ELECTRIC AUTOMATIC GARAGE DOOR OPENER



Compact, rugged, dependable unit for opening residential overhead garage doors automatically. Garage door opened right from car by means of a key or from indoors by means of a button. Door is always locked when closed, with no strain exerted on door or hinges. Requires only 110-volt alternating current. A key switch on outside post opens door automatically from car and button switch opens door from inside house. Electricity is used only when the unit is in operation. Simple installation requires adjustment of spring tension on door and mounting of latch mechanism which electrically releases the latch. Mechanism mounts at top of door. Package consists of latch mechanism, key switch with 2 keys, an indoor button switch and complete do-it-yourself instructions. The only extras needed are a post for mounting key switch and the exact amount of wire needed for your installation. Shpg. wt., 4 1/2 lbs.

● OPEN GARAGE DOOR FROM WITHIN THE CAR

● CURRENT USED ONLY FOR A FEW SECONDS

● SIMPLE INSTALLATION AND OPERATION

ML-101 Net **14.95**

WR-114 Sheathed #18 2-conductor wire for outdoor or in-earth use. Per ft. Net **.05**

WR-34 Rubber covered #18 2-conductor wire for indoor wiring 100 ft. coil **2.15**

AUTOMOBILE RADIOS - ANTENNAS - ACCESSORIES

MOTOROLA AUTO SETS



SPECIAL CUSTOM SERIES

- TRANSISTOR POWERED
- PUSH BUTTON TUNING
- CUSTOM FITTED TO EACH CAR

**BUICK - CHEVROLET - DODGE
OLDSMOBILE - PONTIAC -
VOLKSWAGON**

Specifically designed to custom fit your car with simplest installation. Sensitive transistor powered circuit uses 5 tubes plus rectifier. Heavy duty 6"x9" PM speaker, automatic volume control, and tone control. Low battery drain. Available for 6 or 12-volt operation (specify).

Model		
CTA6X — For Chevrolet 55-56) NET EACH	59.95
CTA7X — For Chevrolet 57		
BKA6X — For Buick 56		
BKA7X — For Buick 57		
DG7A — For Dodge 57		
OEATX — For Oldsmobile 57		
PCA7X — For Pontiac 57		
VWA7 — For Volkswagen 53 thru 57		

**UNIVERSAL
CUSTOM
SERIES
WITH
EXTERNAL
OVAL**



PM SPEAKER

A truly flexible car radio that can be installed in a wide variety of makes and years, including some foreign sports cars. Equipped with tone control, noise eliminator circuit and automatic volume control. Powerful 6x9" speaker* gives exceptional music and voice reproduction. Iron core IF and diode coils for maximum efficiency.

- 7M - 6 — For 6-volt Battery.....Net 41.25
- 7M - 12 — For 12-volt Battery.....Net 43.75
- 7MX — For 12-volt Transistor Powered.....Net 43.75

TRIM PLATES FOR ABOVE—

YEAR	MAKE	NET
54-55-56-57	Buick, 12V.	4.35
53-54-55-56-57	Chevrolet	4.35
57	Chrysler	6.75
55-56	De Soto	4.35
57	De Soto	6.50
55-56-57	Dodge	4.75
53-54	Dodge	4.35
49-50	Ford	4.35
52-53-54	Ford	4.35
55	Ford	6.95
56-57	Ford	4.35
52-53-54-55-56-57	Mercury	4.35
54-55-56	Oldsmobile	4.35
55-56	Packard	4.35
53-54-55-56-57	Plymouth	4.35
55-56-57	Pontiac	4.35
53-54-55-56-57	Studebaker	4.35
53-54-55-56-57	Volkswagon	4.35

*1957 Chrysler, Dodge and Plymouth have 5x7" speaker



COILTENNA

Boasts performance of present antenna up to 400%. Quickly and easily installed. Fits all cars. Shpg. wt., 1 lb.
AA-32.....Net 2.75

ELECTENNA

Replacement antenna and coil—installs quickly—uses present mount and wiring. Increases gain over standard 54" antenna by as much as 100%. Only 17" long—avoids future damage from low hanging branches etc. Takes only minutes to install. Shpg. wt., 1 1/2 lbs.
AA-31.....Net 4.13

TRENDTENNA

Top cowl mount. Combines powerful COILTENNA with chrome plated, telescopic antenna for the ultimate in sensitivity. More than doubles the pickup of a standard antenna fully extended. Extends from 12 1/2" to 29". Shpg. wt., 3 lbs.
AA-36.....Net 5.37

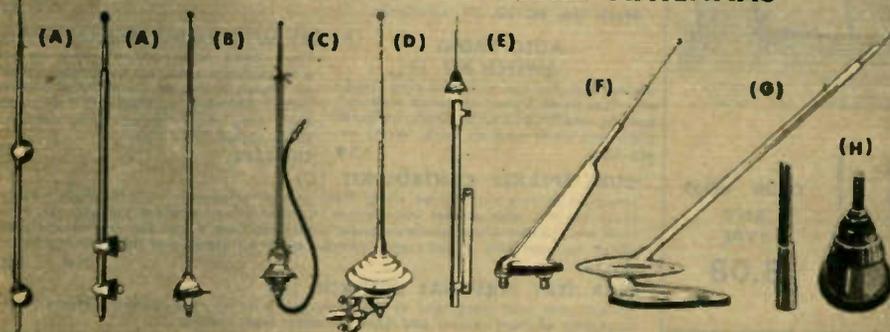


LEAD-IN ADAPTERS



- MS-411—(A) Converts Motorola to Delco-Fitting.....Net .09
- MS-412—(B) Motorola Jack.....Net .13
- MS-413—(C) Motorola Plug.....Net .08

NEW LOW COST AUTOMOBILE ANTENNAS



STANDARD SIDE COWL (A)

3 sections, extends to 61" from 25" collapsed. Tenite static ball, 2 black stand-off insulators—39" lead. Shpg. wt., 1 1/4 lbs.

AA-12.....Net 1.79

DELUXE SIDE COWL (A)

For long distance and greater sensitivity. 4 sections extends to 97" from 31" collapsed. Chrome static ball and 2 chrome capped bakelite insulators. 39" lead. Shpg. wt., 1 1/2 lbs.

AA-15.....Net 3.29

TOP COWL MOUNT (B)

3 sections, extends to 55 1/2" from 23" collapsed. Chrome static ball, chrome trimmed bakelite insulator. Single hate mount, final tighten on car exterior. 39" lead. Shpg. wt., 1 1/4 lbs.

AA-21.....Net 4.98

UNIVERSAL MOUNT AERIAL (C)

3 sections; extends to 60" but for top cowl, rear deck mounting or almost anywhere on car. Adjusts to any angle. 48" lead. Shpg. wt., 1 1/4 lbs.

AA-22.....Net 2.25

HOT-ROD AERIAL (D)

4 section, extends to 108" from 35" collapsed. Has shock absorbing solid rubber mount, red tenite static ball, red ceramic insulators. For rear mount on fender or under trunk door. With 15 foot polyethylene cable. Shpg. wt., 3 lbs. AA-23.....Net 2.39

DISAPPEARING AUTO ANTENNA (E)

For concealed installation on fender or top cowl. 3 sections, collapses to 3" and extends to 54". Chrome static ball. Self-aligning adjustment. 48" lead. Shpg. wt., 2 lbs.

AA-24.....Net 2.79

REPLACEMENT ANTENNA STAFF (H)

3 section, 57" replacement staff. Telescoping staff replaces antenna lost through accident or vandalism. Mounts on stub of broken antenna. Simple hex set screw mount. Quick-neat-easy replacement. Shpg. wt., 1 lb.

AA-30.....Net 1.26

FIN TYPE—REAR DECK OR FENDER (F)

3 section rear fender or deck mount. Extends 9" to 27". Special mounting adapters for any surface. 15 ft. lead with built in condenser. All chrome plated. Shpg. wt., 3 lbs.

AA-33.....Net 5.45

Dual Fin Set. Dual set of above—except one is not active. Shpg. wt., 5 lbs.

AA-34.....Net 8.75

UNIVERSAL SWIVEL ANTENNA (G)

New bullet type—mounts anywhere. Most section swivels for mounting on top or side cowl—top or side fender—rear deck—flat or curved surfaces. Extends 10" to 27". 48" cable. Shpg. wt., 3 lbs.

AA-35.....Net 3.90



ANTENNA CONNECTOR

Spring loaded connector. Use between lead-in and auto radio.

MS-414.....Net .10



JUMBO FUSE RETAINERS

For use with various auto radios.

MS-415—1/2" x 2 1/8"—9 amp.....Net .21

MS-416—1/2" x 2 3/8"—14 amp.....Net .21

MS-417—1/2" x 2 3/8"—30 amp.....Net .21

UNIVERSAL REPLACEMENT LEAD



54" replacement lead. Fits all popular make auto antennas. Low loss, high "Q" coax cable. Shpg. wt., 1 lb.

AA-37.....Net 1.35

UNIVERSAL EXTENSION LEAD

Add needed length to existing leads.

AA-38 24" Net .65

AA-39 36" Net .75

NOISE SUPPRESSOR KITS

For all 6 cylinder cars. Includes spark plug suppressors—distributor suppressor—generator and light or ammeter condensers. With instructions. Shpg. wt., 6 oz.

MS-418.....Net 2.16

MS-419 for 8 cylinder cars.....Net 2.59

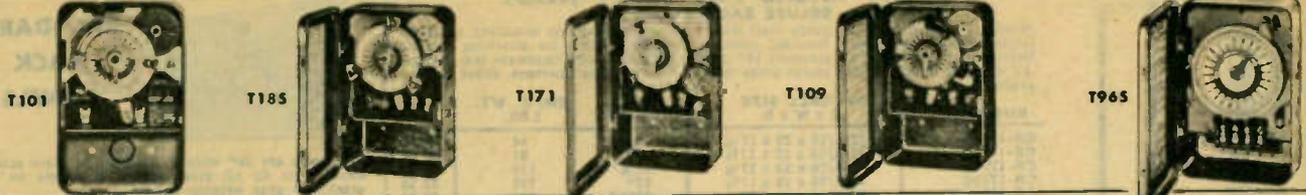


CHROME PLATED BRASS KNOB

Set screw type. Fits most auto radios. For 1/4" shaft.

KN-27.....Net .21

TIMERS for HOME OFFICE & INDUSTRY



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. Has convenient mounting holes and knockouts. Large numbers — easy to read — easy to set. Gray steel case with knockouts — hinged door — can be locked or sealed. UL approved. Operates on 110 volt 60 cycle AC only. Size 7 1/4" L x 5" W x 3" D. Shpg. wt., 4 lbs. **MS-82 T101** Net **7.12**

MS-360 P101. Similar to T101 except case is equipped with receptacle and 6 ft. cord set for plug-in. Capacity 1250 watts. **8.42**

TYPE T185 5-to-60 MINUTE TIME SWITCH

- UP TO 14 COMPLETE "ON-OFF" CYCLES.
- EACH CYCLE INDIVIDUALLY ADJUSTABLE FOR 5 TO 60 MINUTE OPERATION.
- 4000 WATT CAPACITY.

Here is an unusually versatile timer that has distinguished itself in the home, on the farm and in industry, in 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" and the same dial at the same time. Minimum interval off cycle will operate. Up to 14 trippers can be placed between start of each cycle, 1 1/2 hrs. Large, silver, snap-action contacts rated 35 amps, 125 volts, AC. 4000 watt capacity. High-torque slow-speed dependable synchronous timing motor. Gray steel case, 7 1/4" x 5" x 3". Supplied with 3 trippers (for 3 "on-off" cycles). For 110-125 volts, 60 cycles, AC. Shpg. wt., 4 lbs.

MS-143 T185 Net **11.02**
Extra Trippers for above. One tripper for each additional "on-off" cycle. Wt., 4 oz. Net **.49**
MS-144

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. Snap action contacts rated at 35 amps at 125 volts. Min. on or off time 1 hour, maximum 23 hours. Size 7 1/4" x 5" x 3". Shpg. wt., 4 lbs. For 110-120V, 60 cycle AC operation. **MS-130 Type T171 — S.P.S.T. — Skips "ON" Operation.** Net **11.02**

MS-146 Type T175 — Single Pole Double Throw. Opens one circuit and closes another. Skips either "ON" or "OFF" operation. Net **12.32**

MS-361 Type P171 — Portable Plug-In version of Type T171. Switch SPST. Capacity 1250 watts (contacts 10 amps) Net **12.32**

TYPE T109 POULTRY TIME SWITCH

- MORE LIGHT, MORE EGGS, MORE PROFIT, HEALTHY HENSI

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 roost roof 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 1/4" x 5" x 3". For 110 to 125 volts, 60 cycle, AC. Shpg. wt., 4 lbs. **MS-145 T109** Net **7.77**

SWITCH ACCESSORIES

EXTRA TRIPPERS — Set of ON and OFF Trippers (one each) — to add additional operations to Types T101, T171 P101 and P171 time switches.

MS-83 per set Net **.26**

SKIPPING SCREWS — For "Skipper" types only. Net **.03**

MS-133 CUT-OUT TRIPPER — For "Skipper" types only. Net **.20**

MS-134 Net **.20**

TYPE T965 TIME SWITCH

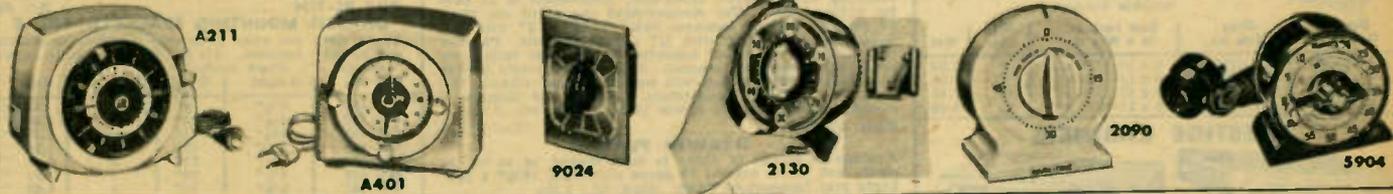
- FOR 1 TO 96 ON-OFF OPERATIONS EVERY 24 HOURS.

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 durations 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, all 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. 7 1/4" x 5" x 3". Shpg. wt., 4 lbs.

MS-362 Type T965 — For 105-125V; 60 cycle AC. Net **24.38**

MS-363 Type P961 — Portable Plug-in version of Type T965. Contacts rated 10 amps at 125 volts—60 cycle AC. Net **25.68**

MS-364 Net **25.68**



INTERMATIC TIMERS MODEL A211 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 toaster, electric blanket, air conditioner, 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. 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. 5" x 4" x 2 1/2". Shpg. wt., 2 lbs.

MS-81 A211 TIME-ALL Net **9.97**

MODEL A221 TIME-ALL Similar to A211 except has capacity of 875 watts.

MS-359 A221 **6.64**

MODEL A401 CLOCK TIMER

Not only tells time, but turns appliances both on and off automatically for periods of 15 minutes to 3 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. Plastic case 4 1/2" W x 4 1/2" H x 2 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** Net **9.67**

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. **MS-135 MODEL 9024 — time range up to 1 hour** Net **4.46**

MS-136 MODEL 9015 — time range up to 12 hours Net **5.21**

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 balling 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. 4" x 2 1/2". Shpg. wt., 2 lbs. **MS-294 MODEL 2130** Net **4.68**

MODEL 2090 UTILITY HOUSEHOLD TIMER

- DEPENDABLE 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" x 1 1/2". Shpg. wt., 1 1/4 lbs. **MS-295 MODEL 2090** Net **2.95**

MODEL 5904 PORTABLE PHOTOGRAPHIC TIME SWITCH

- UP TO 60 SECOND AUTOMATIC CONTROL.

Provides accurate time control for photographic developers, enlargers or photo copy equipment, which are plugged into its combination cordset — receptacle. Times any interval up to 60 seconds and shuts current off — sounds clear resonant bell signal at the same time. May also be operated as a manual on-off switch when timing is unnecessary. Supplied with wall bracket for quick, easy, one-hand operation in the dark. Black and chrome finish; 105-125V AC/DC 10 amps. 2 1/2" x 2 1/2" x 2 1/2" approx. Shpg. wt., 2 lbs. **MS-364 Model 5904** Net **5.97**

BUD RELAY RACKS AND CABINETS

RELAY RACKS FOR EVERY NEED!

DELUXE RACKS—FIG. A

Sturdily constructed of 16 gauge steel with 7/8" recessed panel mounting supports. Louvered sides and door. Rounded corners. Bottom supports for attaching casters. Drilled and tapped for all standard 19" panels. Complete with hardware less casters. All are grey wrinkle finish except units marked * are grey hammettone. Other finishes available.

BUD NO.	OVERALL SIZE H x W x D	PANEL SPACE	SHPG. WT. LBS.	NET
CR-1774G	42-1/16 x 22 x 17 1/2	36 3/4"	84	39.44
CR-1771G	47-5/16 x 22 x 17 1/2	42"	91	44.59
CR-1772G	69-9/16 x 22 x 17 1/2	61 3/4"	116	55.84
CR-1773G	82-5/16 x 22 x 17 1/2	77"	137	36.93
CR-2072HG*	66-9/16 x 22 x 22	61 3/4"	150	78.01
CR-2073HG*	82-5/16 x 22 x 22	77"	175	92.69

SUPER DELUXE 2 DOOR RACKS WITH ADJUSTABLE PANEL SUPPORTS
These heavy 16 gauge racks are similar to above but are fitted with both front and rear doors, and the panel mounting supports are adjustable so the panel can be set back to up to 6" in 1" steps. This enables use of space in front or behind panel as needed. Attractive gray wrinkle finish. Black wrinkle or light gray hammettone finish available on special order.

BUD NO.	OVERALL SIZE H x W x D	PANEL SPACE	SHPG. WT. LBS.	NET
CR-2174G	42-1/16 x 22 x 17 1/2	36 3/4"	102	56.64
CR-2171G	47-5/16 x 22 x 17 1/2	42"	117	63.45
CR-2172G	66-9/16 x 22 x 17 1/2	61 3/4"	151	81.92
CR-2173G	82-5/16 x 22 x 17 1/2	77"	183	98.34

TELEPHONE TYPE RELAY RACKS—FIG. B

Open type racks with chassis type base except * which is of extra heavy construction for broadcast station use with singles and brackets for bolting to floor. Black wrinkle finish.

BUD NO.	OVERALL SIZE H x W x D	PANEL SPACE	SHPG. WT. LBS.	NET
RR-1263B	35-39/64 x 20 x 22	31 3/4"	34	19.01
RR-1264B	70-39/64 x 20 x 22	66 3/4"	44	21.86
RR-1265B	72 3/4 x 20 3/4 x 13	66 3/4"	94	47.86

DESK TYPE RACKS—FIG. C

BUD NO.	OVERALL SIZE H x W x D	PANEL SPACE	SHPG. WT. LBS.	NET
RR-1246B	24 x 20 1/2 x 12	21"	17	8.08
RR-1249B	31 x 20 1/2 x 12	25"	19	10.00

ADD-A-RACK SERIES
A unique method of adding more space to the Deluxe Racks (Fig. A). They are the same size and construction as the deluxe racks. Consist of 4 parts, a top, bottom, door and coupling panel. By replacing either side panel of the deluxe rack with the coupling unit and using the removed panel as the new outside panel a double sized rack is formed. Additional units can be added later. Finishes are same as Deluxe Racks. Other finishes available.

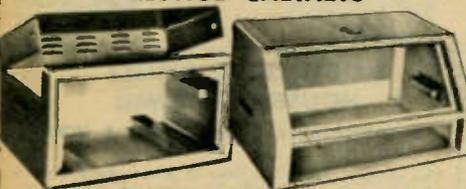
BUD AR-1776G	—For CR-1774G	—Shpg. wt., 75 lbs.	Net 38.71
BUD AR-1775G	—For CR-1771G	—Shpg. wt., 81 lbs.	Net 42.81
BUD AR-1776G	—For CR-1772G	—Shpg. wt., 100 lbs.	Net 53.24
BUD AR-1777G	—For CR-1773G	—Shpg. wt., 118 lbs.	Net 63.22
BUD AR-2276HG	—For CR-2072HG	—Shpg. wt., 130 lbs.	Net 74.40
BUD AR-2277HG	—For CR-2073HG	—Shpg. wt., 150 lbs.	Net 90.65

STREAMLINED AMPLIFIER FOUNDATIONS

Consists of a standard 3" high chassis on which is mounted a removable top cover with chrome trim. Sturdy easy grip handles attached to chassis. Choice of 2 wrinkle finishes.

Black Bud No.	Gray Bud No.	Size Inches H x W x D	Wt. Lbs.	Net
CA-1750B	CA-1750G	9 x 10-1/16 x 5	6	5.96
CA-1751B	CA-1751G	9 x 12-1/16 x 7	7	7.03
CA-1752B	CA-1752G	9 x 17-1/16 x 7	10	7.43
CA-1753B	CA-1753G	9 x 17-1/16 x 10	12	8.08

PRESTIGE CABINETS



The ultimate in fine cabinets. Features include hinged covers that swing back completely; protruded finger holes and recessed handle slots for ease in lifting cover and carrying cabinet; ventilated back and louvers' rear of cover; 2 rails can be moved laterally to accommodate chassis of different widths. Takes standard rack panels. Built of 16 gauge steel with embossed feet. Overall width 21-9/16"; overall depth 14 1/2"; clear inside depth 13 1/2"; rear opening 18" x 3"; cover opening 21-9/16" x 12 1/2". Gray hammettone finish. CR-1743B* has perforated covers, others solid. Sloping panel types of basically sturdier construction, have ventilated tops, shielded handles in sides. Panel trim bar removable for installation of panels with chassis attached. Cover can be screw fastened. Overall width 22", rear opening 18" x 2 1/2". Panel recess 1 1/4", top depth 9"

Bud No.	Height	Panel Space	Wt. Lbs.	Net
C-1440	9 3/4"	7"	21	24.65
C-1441	11 3/4"	8 3/4"	23	26.21
C-1442	13"	10 3/4"	25	28.66
C-1550*	9 3/4"	7"	20	26.66
C-1551*	11 3/4"	8 3/4"	22	28.62
C-1552*	13"	10 3/4"	24	31.07

SLOPING PANEL TYPE

Bud No.	Overall Height	Depth	Panel Space	Slope	Wt. Lbs.	Net
C-1555	11 3/4"	14 3/4"	3 3/4"	7"	22	35.28
C-1556	13 3/4"	15 3/4"	3 3/4"	8 3/4"	25	37.86
C-1557	14 3/4"	18 3/4"	3 3/4"	10 3/4"	28	41.11



RELAY RACK SLIDE DRAWER

A sliding drawer assembly that is ideal for drawer space, or mounting record player, typewriter, instruments or as base for writing table. The electroplated chassis of one piece 14 gauge aluminum measures 16 3/4" x 14" x 3" with 1/2" flanges top and bottom, with 1/2" support brackets. Punched to match standard panel mounting holes. Slide rails move easily on ball bearing channel. Stop screw prevents drawer from falling out. Chassis will support 50 lbs. Chassis finished in light gray hammettone, brackets and channel in etched aluminum. Less drawer plate. Shpg. wt., 5 lbs.

BUD SD-1717.....Net 11.20

DRAWER PLATE

Attaches to bottom of above to form drawer, or to top as shelf, desk top or support 14 gauge aluminum, 16 3/4" x 14". Light gray hammettone finish. Shpg. wt., 2 lbs.

BUD TP-1718.....Net 2.04

DELUXE CABINET RACKS

16 gauge steel with welded joints, and rounded corners. Recessed hinged door in top. Units marked * also have hinged rear door. Louvered sides and 2 1/2" rear opening provide ventilation. Tapped for 10/32" screws. All are 22" wide, 14 1/2" deep.

Black Bud No.	Gray Bud No.	Overall Height	Panel Space	Wt. Lbs.	Net Each
CR-1726B	CR-1726G	8-25/32"	7"	25	13.40
CR-1741B	CR-1741G	10-9/16"	8 3/4"	28	14.60
CR-1740B	CR-1740G	12-5/16"	10 3/4"	30	16.66
CR-1742B	CR-1742G	14-1/16"	12 3/4"	32	17.61
CR-1739B	CR-1739G	15-13/16"	14"	34	19.19
CR-1743B*	CR-1743G*	19-3/16"	17 3/4"	38	22.86
CR-1727B*	CR-1727G*	22-1/16"	21"	47	26.29
CR-1744B*	CR-1744G*	25-1/8"	25 1/4"	52	29.93
CR-1728B*	CR-1728G*	33-5/16"	31 3/4"	52	27.93
CR-1745B*	CR-1745G*	36-13/16"	35 3/4"	60	29.40



MINIATURE AMPLIFIER FOUNDATION

Designed especially for builders using miniature tubes and parts, this sturdy compact unit is only 6" high. Chassis is 7" W x 5" D x 2" H. Removable perforated cover has convenient carrying handle. Cover attaches by 4 self-tapping screws. Made of steel with black wrinkle finish. Shpg. wt., 2 lbs.

BUD CA-1754.....Net 3.92

STANDARD RACK PANELS

All panels are 19" wide, 3/8" thick: All have standard notching to fit all relay racks. Available in black wrinkle or gray wrinkle finishes.

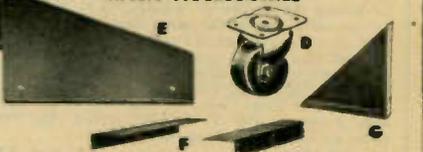
STEEL PANELS		Height	Wt. Lbs.	Net
Black Bud No.	Gray Bud No.			
PS-1250B	PS-1250G	1 3/4"	2	.74
PS-1251B	PS-1251G	3 3/4"	3	.84
PS-1252B	PS-1252G	5 3/4"	4	1.11
PS-1253B	PS-1253G	7"	6	1.25
PS-1254B	PS-1254G	8 3/4"	7	1.34
PS-1255B	PS-1255G	10 3/4"	8	1.80
PS-1256B	PS-1256G	12 3/4"	9	2.09
PS-1257B	PS-1257G	14"	10	2.45
PS-1258B	PS-1258G	15 3/4"	12	2.68
PS-1259B	PS-1259G	17 3/4"	13	3.04
PS-1260B	PS-1260G	19 3/4"	14	3.39
PS-1261B	PS-1261G	21"	15	3.73

ALUMINUM PANELS

Identical in size, thickness, and construction to steel panels but made of aluminum. Easy to cut.

ALUMINUM PANELS		Height	Wt. Lbs.	Net
Black Bud No.	Gray Bud No.			
PA-1101B	PA-1101G	1 3/4"	1	.97
PA-1102B	PA-1102G	3 3/4"	2	1.27
PA-1103B	PA-1103G	5 3/4"	3	2.12
PA-1104B	PA-1104G	7"	3	2.53
PA-1105B	PA-1105G	8 3/4"	3	3.14
PA-1106B	PA-1106G	10 3/4"	3	3.14
PA-1107B	PA-1107G	12 3/4"	4	3.67
PA-1108B	PA-1108G	14"	4	4.24
PA-1109B	PA-1109G	15 3/4"	5	4.73
PA-1110B	PA-1110G	17 3/4"	5	5.22
PA-1111B	PA-1111G	19 3/4"	6	5.71
PA-1112B	PA-1112G	21"	7	6.20

RACK ACCESSORIES



SWIVEL TRUCK CASTERS—FIG. D

Hard rubber, ball bearing mounted, heavy duty type for relay racks. Shpg. wt., 10 oz.

BUD RC-7756.....Net .88

CHASSIS MOUNTING BRACKETS—FIG. E

Heavy steel, cut away to provide clearance so chassis can be flush mounted. All for 3" high chassis except * are for 4". Black enamel.

Bud No.	Height	Depth	Shpg. Wt.	Net
MB-458	6 3/4"	8"	2	.95 Pr.
MB-448	6 3/4"	10"	3	1.16 "
MB-459	8 3/4"	11"	3	1.30 "
MB-449	6 3/4"	12"	3	1.34 "
MB-460	6 3/4"	13"	3	1.47 "
MB-450	8 3/4"	10"	3	1.71 "
MB-451	8 3/4"	13"	4	1.83 "

CHASSIS SUPPORTING ANGLES—FIG. F

To provide extra support and distribution of weight to sides of rack. For heavy chassis or shelves 1 1/2" L x 3" W. Black enamel. With mtg. hardware. Shpg. wt., 5 lbs.

BUD NO. SA-1349.....Net per Pair 4.96 PR.

TRIANGULAR PANEL BRACKETS—FIG. G

Heavy steel, panel mounted chassis supports with 3/4" flange. Black enamel finish. Sold in pairs only.

Bud No.	Height	Depth	Wt. Lbs.	Net Pair
MB-1266	5"	5"	1 1/2	.90
MB-1267	7"	7"	2	1.05
MB-1268	9"	9"	2 1/2	1.24

STEEL RACK SHELVES

Heavy gauge, black enamel, 19" W x 1" H. Requires supporting angles listed above.

BUD CB-1978—15" deep. Shpg. wt., 7 lbs.....Net 3.84
BUD CB-1977—12" deep. Shpg. wt., 6 lbs.....Net 3.30



PANEL CHASSIS

Front flange notched for mounting on standard 19" rack. 1" flange on ends, other edges have 3/4" flange. Made of .062 aluminum. All are 19" wide (17" less flanges) by 5-9/32" deep.

Bud No.	Height	Wt. Lbs.	Net
CB-1370	1 3/4"	1 1/2	1.99
CB-1371	3 3/4"	1 1/2	2.30
CB-1372	5 3/4"	2	2.57
CB-1373	7"	2 1/2	2.94
CB-1374	8 3/4"	2 1/2	3.34
CB-1375	10 3/4"	3	3.76
CB-1376	12 3/4"	3 1/2	4.12
CB-1377	14"	3 1/2	4.44

BUD METAL CHASSIS AND CABINETS

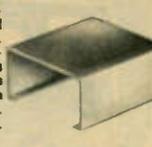
STEEL AND ALUMINUM CHASSIS BASES

Made from one piece of steel or aluminum. All corners reinforced and spot welded. Four sides are folded at bottom for additional strength and for attaching bottom plates (not supplied). Steel chassis available either zinc plated or in black wrinkle finish. Steel chassis are 20 gauge, except 7 are 22 and 8 are 18. Aluminum are 16 alum. gauge except 1 are 14 and 7 are 18. * indicates punched for chassis mounting brackets.

Size Inches D W H	Zinc Plated		Wt. Lbs.	Black Wrinkle		Aluminum		
	BUD No.	Net		BUD No.	Net	BUD No.	Wt.	Net
4x6x3						AC-4305	1/2	1.13
4x6x2						AC-4315	3/4	1.08
5x7x2	CB-6291	1.15	1 1/4	CB-6281	.93	AC-4025	3/4	1.08
5x7x3						AC-429	1	1.23
5x9 1/2 x2						AC-4035	3/4	1.13
5x9 1/2 x2 1/2	CB-6451	1.45	1 1/2	CB-6441	1.20			
5x9 1/2 x1 1/2	CB-7761	1.47	1 1/2	CB-7781	1.05			
5x10x3	CB-6051	1.61	1 1/2	CB-6041	1.12	AC-4215	1	1.44
5x13x3						AC-4045	1	1.60
6x14x3	CB-756	1.80	2	CB-755	1.54	AC-4225	1	1.62
6x17x3						AC-433	1 1/2	2.51
7x7x2	CB-1191	1.31	1 1/4	CB-789	1.05	AC-4315	3/4	1.23
7x7x2 1/2	CB-1192	1.39	1 1/2	CB-790	1.22	AC-4065	3/4	1.43
7x11x2	CB-1193	1.47	1 3/4	CB-791	1.27	AC-407	1	1.55
7x12x3	CB-793	1.40	2	CB-792	1.37	AC-408	1 1/4	1.71
7x13x2	CB-1194	1.71	2 1/4	CB-646	1.33	AC-409	1	1.64
7x13 1/2 x2 1/2	CB-1198	1.86	2	CB-647	1.55			
7x15x3	CB-1189	2.11	2 1/2	CB-649	1.75	AC-411	1 1/2	2.29
8 1/2 x15x3	CB-866	2.37	2 3/4	CB-665	1.96	AC-432	1 1/2	2.28
8x17x3	CB-1066	1.88	2 1/2	CB-1068	1.57			
7x17x2 1/2	CB-1199	2.08	2 3/4	CB-648	1.73	AC-423	1 1/2	2.69
7x17x3	CB-758	2.25	2 1/2	CB-757	1.88			
8x10x2 1/2	CB-702	1.76	2 1/4	CB-701	1.51			
8x12x2 1/2	CB-704	1.96	2 1/2	CB-703	1.54			
8x12x3	CB-760	2.04	2	CB-759	1.62	AC-424	1 1/2	2.05
8x17x2	CB-774	2.04	2 1/2	CB-650	1.49	AC-425	1 1/2	2.29
8x17x3	CB-775	2.29	3 1/4	CB-651*	1.81	AC-412	1 1/2	2.31
10x12x3	CB-1195	1.96	3 1/4	CB-652	1.66	AC-413	1 1/2	2.78
10x14x3	CB-1196	2.13	3 1/4	CB-653	1.77	AC-414	2	2.78
10x17x2	CB-769	2.10	3 1/4	CB-654*	1.74	AC-415*	1 1/2	2.63
10x17x3	CB-637	2.29	4 1/4	CB-636*	1.78	AC-416*	2 1/4	2.94
10x17x3	CB-1196*	2.67	5 1/4	CB-655*	2.21			
10x23x3	CB-1197*	3.00	6	CB-656*	2.50			
11x17x2	CB-770*	2.45	4 1/4	CB-657*	2.06	AC-426*	2 1/2	3.29
11x17x3	CB-771*	3.06	5 1/4	CB-658*	2.41	AC-417*	3	3.84
12x17x2	CB-661*	2.55	4 1/4	CB-663*	2.12			
12x17x3	CB-662*	2.10	3 3/4	CB-664*	2.53	AC-418*	3	4.00
13x17x2	CB-772*	3.25	5 1/4	CB-659*	2.53	AC-419*	3 1/2	3.28
13x17x3	CB-773*	3.56	6	CB-660*	2.98	AC-420*	3	4.07
10x17x4	CB-641*	3.02	7	CB-640*	2.51	AC-421*	3 1/2	4.25
13x17x4	CB-643*	4.12	8	CB-642*	3.43	AC-422*	4	4.50
13x17x5	CB-626*	5.19	8 1/2	CB-625*	4.31			
10x17x5	CB-624*	4.71	8	CB-623*	3.92			

MINIATURE OPEN-END ALUMINUM CHASSIS

Ideal for small amplifiers, oscillators and miniature assemblies. Made of hard aluminum with 1/4" flanges on bottom for chassis to be fastened down or for bottom plate. Average shipping wt. 8 oz.



OPEN-END CHASSIS

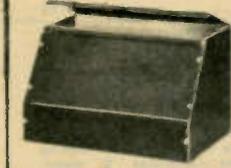


Electro-zinc plated chassis of U shaped construction with ends folded over 1/2" for additional strength. Specially adaptable to various styles and sizes of Bud cabinets listed below.

BUD NO.	SIZE INCHES			NET	Bud No.	Size Inches			Wt. Lbs.	Net
	D	W	H			D	W	H		
CB-1623	2 1/2	2 1/2	1 1/4	.34	CB-38	7x6x2	1 1/4	.90		
CB-1624	1 1/2	3 1/4	1	.37	CB-30	5x2 1/2 x 1 1/2	1 1/4	.85		
CB-1625	3 1/4	4 1/2	2	.44	CB-41	7x7 1/2 x 1 1/2	1 1/4	1.08		
CB-1626	2 1/2	4 1/4	1	.40	CB-39	7x8x2	1 1/4	1.02		
CB-1627	3 1/4	4 1/4	1 1/2	.40	CB-996	5 1/2 x 9 1/2 x 1 1/2	1 1/4	.98		
CB-1628	3	6 1/4	1 1/4	.49	CB-976	7 1/2 x 9 1/2 x 1 1/2	1 1/4	1.22		
CB-1629	5 1/4	4 1/4	1 1/2	.53	CB-40	7x10x2	1 1/4	1.22		
CB-1617	4	3 1/4	1	.40	CB-997	7 1/2 x 1 1/2	1 1/4	1.15		
CB-1618	4	1 1/4	1	.49	CB-998	7x13 1/2	2	1.39		
CB-1619	4	3 1/4	1	.49						
CB-1620	4	6 1/4	1	.53						

SLOPING PANEL CABINETS

These handy cabinets have a removable front panel plus a hinged top for easy accessibility to tubes and parts mounted on the chassis without removing front panel. Take open end chassis listed above. Black wrinkle enamel finish.



Bud No.	Size Inches H W D	Fits Chassis	Wt. Lbs.	Net
C-1584B	6 1/2 x 11-1/16 x 7-5/16	7x6x2	3 1/4	3.23
C-1585B	6 1/2 x 9-1/16 x 7-5/16	7x8x2	3 3/4	3.68
C-1586B	6 1/2 x 11-1/16 x 7-5/16	7x10x2	3 3/4	4.07
C-1587B	8x8-1/16 x 8	7x7x2	3 1/4	3.91
C-1588B	8x10-1/16 x 8	7x9x2	3 1/4	4.32
C-1892B	8x13-1/16 x 8 1/2	7x12x2 1/2	3 1/4	4.89
C-1893B	10x18-1/16 x 10 1/2	10x17x3	6 1/4	6.85
C-1894B	8x11-1/16 x 8	7x13x2	3	4.70
C-1896B	9x18-1/16 x 8 1/2	7x17x3	9 1/4	6.70

STREAMLINED CABINETS

Feature rounded front corners, recessed hinge tops, 3 1/2" opening in rear. This design makes all parts easily accessible. Sturdily constructed. Standard type are black wrinkle. Deluxe are gray wrinkle enamel with chrome strips on front panel.



STANDARD BUD NO.	NET	DELUXE BUD NO.	NET	SIZE INCHES		PANEL SIZE	WT. LBS.
				W	D		
C-1789	3.84	C-1791	5.73	10 1/2	8 1/2	8x8	6 3/4
C-1746	4.73	C-1781	3.80	12 1/2	8 1/2	8x11 10	7
C-1747	5.14	C-1782	6.12	14 1/2	8 1/2	8x12	7 1/4
C-1748	5.39	C-1783	6.54	16 1/2	8 1/2	8x14	8
C-1790	5.92	C-1792	7.18	18 1/2	8 1/2	8x16	8 3/4
C-1730	10.73	C-1731	13.06	20 1/2	12 1/2	12x18	17

HEAVY DUTY CHASSIS With Bottom Plates

Made of 16 gauge steel for use where extra strength is required. Furnished complete with bottom plates. Available zinc plated or black wrinkle finish.

Size Inches D W H	Zinc Plated		Black Wrinkle	
	Bud No.	Net	Bud No.	Net
8x12x3	CB-1765	4.51	CB-1758	3.92
12x17x3	CB-1767	5.07	CB-1760	3.96
13x17x2	CB-1768	5.39	CB-1761	4.24
13x17x3	CB-1769	5.71	CB-1762	4.65
13x17x4	CB-1770	6.32	CB-1763	4.98

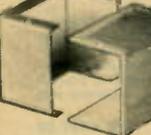
BOTTOM PLATES

For use with above chassis bases. Four bosses prevent edges from scratching. Shipping wt. average 2 lbs. Made of steel. Zinc plated or black wrinkle finish.

Fits Chassis	Zinc-Plate		Black Wrinkle		Fits Chassis	Zinc-Plate		Black Wrinkle	
	Bud No.	Net	Bud No.	Net		Bud No.	Net	Bud No.	Net
5x7	BP-706	.68	BP-705	.49	8x10	BP-708	1.03	BP-707	.90
5x9 1/2	BP-667	.68	BP-680	.55	8x12	BP-710	1.31	BP-709	1.04
5x10	BP-538	.61	BP-536	.52	8x14	BP-674	.34	BP-687	.93
7x7	BP-668	.78	BP-681	.90	10x12	BP-675	1.37	BP-668	.93
7x8	BP-669	.78	BP-682	.81	10x14	BP-514	1.30	BP-517	1.22
7x11	BP-670	1.05	BP-683	.85	10x17	BP-676	1.41	BP-689	1.18
7x12	BP-539	.93	BP-537	.78	11x17	BP-677	1.41	BP-690	1.18
7x13	BP-671	1.18	BP-684	.90	12x17	BP-678	1.64	BP-691	1.24
5x13 1/2	BP-672	.98	BP-685	.74	13x17	BP-679	1.96	BP-692	1.44
4x17	BP-1067	1.05	BP-1069	.82					
7x17	BP-673	1.20	BP-686	.88					

MINIBOXES

There are thousands of uses for these high quality aluminum boxes. Two piece construction with each half forming 3 sides. Flanges assure adequate shielding. In natural aluminum or grey hammer-tone finish.



Size Inches L x H x W	Wt. Lbs.	Natural Aluminum		Gray Hammer-tone	
		Bud No.	Net	Bud No.	Net
2 1/2 x 2 1/2 x 1 1/2	3/4	CU-3000	.59	CU-2100	.80
3 1/2 x 2 1/2 x 1 1/2	3/4	CU-3001	.59	CU-2101	.85
4 1/2 x 2 1/2 x 1 1/2	3/4	CU-3002	.62	CU-2102	.88
4 1/2 x 2 1/2 x 2 1/2	3/4	CU-3003	.80	CU-2103	.96
5 1/2 x 2 1/2 x 2 1/2	3/4	CU-3004	.86	CU-2104	1.16
5 1/2 x 3 1/2 x 2 1/2	3/4	CU-3005	.95	CU-2105	1.24
6 1/2 x 3 1/2 x 2 1/2	3/4	CU-3006	.93	CU-2106	1.10
7x3 1/2	1 1/4	CU-3007	1.18	CU-2107	1.78
8x3 1/2	1 1/4	CU-3008	1.29	CU-2108	1.81
8x6 1/2	1 1/4	CU-3009	1.94	CU-2109	2.19
10x6 1/2	1 1/4	CU-3010	2.13	CU-2110	2.69
12x7 1/2	2 1/4	CU-3011	2.71	CU-2111	3.17
17x13 1/2	3 1/2	CU-3012	5.15	CU-2112	5.72
10x2 1/2 x 1 1/2	1 1/4	CU-3013	1.22	CU-2113	1.35
12 1/2 x 2 1/2 x 1 1/2	3/4	CU-3014	1.20	CU-2114	1.56
4 1/2 x 2 1/2 x 1 1/2	3/4	CU-3015	.80	CU-2115	1.11
4 1/2 x 2 1/2 x 1 1/2	3/4	CU-3016	.83	CU-2116	1.15
3 1/2 x 2 1/2 x 1 1/2	3/4	CU-3017	.64	CU-2117	1.00

MINIATURE SPEAKER CASES

A handy, convenient housing for midrange speakers. Finished in black wrinkle. Ideal for miniature extension speakers. Shpg. wt. 1 1/4 lbs
BUD CS-1685
For 2" speakers.....Net 1.55
BUD CS-1686
For 3" speakers.....Net 1.55



METAL UTILITY CABINETS

These cabinets have two removable sides for easy accessibility. Sides are attached to flange of cabinet with self-tapping screws. Available in cold rolled steel with black wrinkle enamel finish, or in natural finish aluminum.

Size H W D	Steel Black Wrinkle			Natural Aluminum		
	Bud No.	Wt.	Net	Bud No.	Wt.	Net
4x2x2	CU-883B	1 1/4	1.02	AU-1083	1/4	1.26
4x3x3	CU-728B	1 1/2	1.12	AU-1028	3/4	1.34
6x3x4	CU-729B	2 1/4	1.35	CU-1099	4	2.04
6x6x6	CU-880B	3	1.83	CU-879B	5	2.94
9x6x3	CU-1098B	4	2.04	CU-880B	8	3.53
10x8x7	CU-1099B	5	2.94	CU-1124B	5	2.88
10x10x8	CU-880B	8	3.53	CU-881B	9	4.05
12x7x6	CU-1124B	5	2.88	CU-882B	9	4.22
12x11x8	CU-881B	9	4.05			
13x9x7	CU-882B	9	4.22			

MINIATURE UTILITY CABINETS WITH ATTACHED CHASSIS

Small cabinets with chassis attached to front panel. Front and rear panels are removable and fastened with self-tapping screws. Black wrinkle finish.

Bud No.	Size Inches H x W x D		Chassis Size	Wt. Lbs.	Net
	H	W			
C-1793	4x4x2	1x3 1/2 x 1 1/2	1 1/4	1.31	
C-1794	4x5x2	1 1/4 x			

COMMUNICATION RECEIVERS-RADIO TELEPHONE



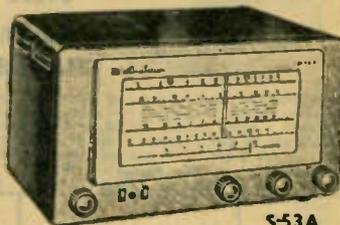
HQ-100



HQ-110



S-38D



S-53A

HAMMARLUND RECEIVERS

HAMMARLUND RECEIVER HQ-100

Sensitivity and selectivity place this receiver in the really "hot" class. Continuously tunable from 540kc to 30mc in four bands. Electrical bandspread tuning with dial markings every 10kcs on 80, 40 and 20 meter bands; every 20kcs on 15 meter band, and every 50kcs on 10 meter band. Q-multiplier permits continuously variable selectivity. Sensitivity of 1.75 microvolt produces 10-1 signal-to-noise ratio. Voltage regulated and temperature compensated. AVC on RF and IF stages. 10 tube circuit with automatic noise limiter. Antenna compensation for variable loading effects. For 105-125 volts, 50-60 cps. With "S" meter. Combination clock and automatic timer optional. 16 1/2" L x 9-7/16" H x 9 1/4" D. Shpg. wt., 33 lbs.

HQ-100 Receiver less clock-timer	Net	169.00
HQ-100C Receiver with clock-timer	Net	179.00
PL-38888 G Matching speaker in cabinet	Net	14.95
PL-38886 Conversion Kit, Clock	Net	9.95

HAMMARLUND RECEIVER HQ-110

• A TRULY HOT RECEIVER FOR THE AMATEUR!

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. Dial markings every 5kcs on 20, 40, 80 and 160 meter bands, every 10kcs on 15 meter band; every 20kcs on 10 meter band; every 50 kcs on 6 meter band. AVC operates on RF and IF. Q multiplier continuously variable from 100 cps to 3kcs. Separate stabilized BFO and linear detector for SSB and CW reception. Antenna compensator for loading effects of various antennas or balanced transmission line. Collimated "S" meter. New series type noise limiter. Built-in 100 kc crystal calibrator. For 105-125 volts, 50-60 cps. 16 1/2" L x 9-7/16" H x 9 1/4" D. Shpg. wt., 33 lbs.

HQ-110 Receiver—less clock-timer	Net	229.00
HQ-110C Receiver—with clock-timer	Net	239.00
PL-38888 G Matching speaker in cabinet	Net	14.95

ADDITIONAL HAMMARLUND EQUIPMENT

HC-10, Converter for SSB/CW and AM/MCW. 9 1/2" L x 9 1/2" H x 7 1/4" D. Shpg. wt., 17 lbs.	Net	149.00
HQ-140-XA Receiver in cabinet, 13-15/32" x 20-5/32" x 11-1/32". Shpg. wt., 75 lbs.	Net	249.50
26017-G3, Matching speaker in cabinet. Shpg. wt., 12 lbs.	Net	14.50
HQ-150, Receiver in cabinet, 13-15/32" x 20-5/32" x 11-1/32". Shpg. wt., 78 lbs.	Net	294.00
PL-26017-G4, Matching speaker in cabinet. Shpg. wt., 12 lbs.	Net	14.50

NATIONAL RECEIVERS



NATIONAL SW-54

This powerful receiver pulls in stations from around the globe. It has continuous band-switching coverage of AM broadcast, amateur and world-wide shortwave on the following bands: A—54-1.6 mc. B—1.6-4.7 mc. C—4.6-14.5 mc. D—12-30 mc. Voice or code may be received on this receiver. The easy reading indirectly lighted scale has clear markings for police, ship, amateur and foreign stations. A logging scale is also provided. A large bandspread vernier knob is used for high tuning accuracy. Jacks are provided for an external speaker and earphones. Controls on front panels include: Main Tuning; Bandspread; AC Off; Volume Control; Band Selector Switch; Speaker-Phones Switch; AM-CW Switch; Standby-Receive Switch. Tube Complement: 12BE6 conv.; 12BA6 CW ON-IF amp.; 12AV6 2nd Det.; AVC-1st Audio; 50C5 Audio Output; 35Z5 Rectifier. Antenna Input 50-300 ohms balanced or unbalanced. Gray hommerone finish cabinet. Size: 11" wide x 7" high x 7" deep. Shpg. wt., 13 lbs.

Model SW-54 Net 59.95



NATIONAL NC-188

A fine quality 9 tube receiver that covers 540kc to 40mc in four bands. Calibrated bandspread for 10, 11, 15, 20, 40 and 80 meter bands. Large easy-to-read 12 inch slide-rule dial with combination edge and backlighting. Gong-tuned RF amplifier stage for increased sensitivity and image rejection. Separate, temperature compensated high frequency oscillator. Receives AM, CW, and SSB signals. BFO for CW and SSB. Has RF and AF gain control, automatic noise limiter, and "S" meter. Balanced or unbalanced antenna input at 50 to 300 ohms. Sensitivity under 2.5 microvolts (10 db signal/noise ratio). Two-tone grey cabinet 16-13/16" W x 10" H x 10 1/4" D. Shpg. wt., 35 lbs.

NC-188 Receiver, less speaker. Net 159.95

NTS-1 Matching Speaker. Net 17.50

NATIONAL NC-66

Ham, 3-way portable, marine and short wave receiver. 5 bands cover 150 to 400kc and 500kc to 23mc. 5" speaker; headphone jack. AC/DC and battery operation. Whip antenna for shortwave; loopstick for broadcast. 12-5/16" W x 9-11/16" H x 10" D. Shpg. wt., 16 lbs.

NC-66—Receiver, less battery. Net 129.95

Battery—BURGESS F6A6DP, 6 1/2 lbs. Net 4.80

RDF-66—DIRECTION FINDER ACCESSORY. Used with NC-66 as direction finder for pleasure craft. 7" x 8" x 10". Shpg. wt., 8 lbs. Net 39.95

OTHER NATIONAL EQUIPMENT

NC-109—Receiver — 540kc to 40mc in 4 bands. 16-13/16" W x 10" H x 10 1/4" D. Shpg. wt., 35 lbs. Net 199.95

NC-300—Receiver—7 bands 10 meters thru 160 meters. 11 1/2" x 19 1/2" x 15". Shpg. wt., 60 lbs. Net 399.00

NC-300TS—Matching Speaker, Shpg. wt., 12 lbs. Net 17.00

HALLCRAFTERS RECEIVERS

NEW POPULAR S-38D

New and latest version of the world famous S-38 SWL receiver. The low cost radio that amazes the experts in smart new styling and performance. Offers world-wide reception for the shortwave listener and the new radio amateur. Also tunes the regular standard broadcast band. Has regular communication-type controls for greater flexibility of operation. 4 BAND COVERAGE. Three shortwave bands 1650 KC-32 MC; Broadcast Band 540-1650 KC. Separate bandspread dial simplifies tuning the crowded shortwave bands. Up-to-the minute AC-DC SUPERHET CIRCUIT provides maximum sensitivity and selectivity, employing 4 tubes plus rectifier. 5" PM Speaker gives excellent tone quality; 2 watts audio output. Tip jacks for use when headphone reception is desired. Oscillator for reception of code signals or AM phone transmission. Standby-receive switch. The cabinet is tops in styling; Gray steel, silver frame trim. Size 12 1/2" wide, 7" high, 7 1/4" deep. For 105-125 volts, 50-60 cycles AC or DC. Shpg. Wt. 13 lbs.

HALLCRAFTERS S-38D Gray Net 49.95

HALLCRAFTERS S-38DM Mahogany Net 54.95

HALLCRAFTERS S-38DB Blonde Net 54.95

220 Volt Adapter Cord for above Net 2.00

S-53A LOW COST RECEIVER

The world's finest communication receiver with truly professional performance at a low cost. Contains the latest sensitive powerful circuit that provides thrilling world-wide reception. Full coverage of all frequencies; 6 Amateur Bands; Police, Aircraft, Marine, Foreign and domestic shortwave broadcasts and other services, as well as the standard broadcast band. Excellent signal to noise ratio. Tunes To 54.5 MC; Range 540-1630 KC; 2.5 to 6.3 MC; 6.3 to 16 MC; 14 to 31 MC; 48 to 54.5 MC; Excellent amateur 6 meter reception. Edge illuminated slide-rule dial. All controls clearly identified: Main Tuning; Bandspread; Bandswitch; Volume-On-Off; Sensitivity—Phono; Stand-by; Tone; Automatic Noise Limiter; Phono-Code Switch; 5 Speaker-Headphone Switch. 5" PM Speaker. Tubes Used: 1-6C4 osc. (temperature compensated for minimum drift); 1-6BA6 mixer; 2-6BA6 IF's; 1-6H6 detector-AVC noise limiter; 1-6SC7 BFO-1st AF; 1-6K6GT output (2.5 watts); 1-5Y3GT rectifier. Satin Black Steel Cabinet with brushed chrome trim. Size 12 1/2" x 7" x 7 1/4" deep. Piano hinge top. For 105-125 volts, 50-60 Cycles AC. Shpg. Wt. 20 lbs.

HALLCRAFTERS S-53A Net 89.95

ADDITIONAL HALLCRAFTERS EQUIPMENT

Model S-85 540kc-34mc Receiver, AC only. Shpg. wt., 36 lbs.	Net	119.95
Model S-86 540kc-34mc Receiver, AC-DC. Shpg. wt., 36 lbs.	Net	119.95
Model S-94 30-30mc FM Receiver. Shpg. wt., 12 1/2 lbs.	Net	59.95
Model S-95 152-173mc FM Receiver. Shpg. wt., 12 1/2 lbs.	Net	59.95
Model SX-99 540kc-34mc Receiver, less speaker. Shpg. wt., 36 lbs.	Net	149.95
Model SX-101 Seven ham band Receiver. Shpg. wt., 74 lbs.	Net	395.00
Model SX-104 Civil-Patrol 25-30mc Receiver. Shpg. wt., 18 1/2 lbs.	Net	89.95
Model SX-105 Civil-Patrol 152-173mc Receiver. Shpg. wt., 18 1/2 lbs.	Net	89.95
Model SX-62A 550 Kc—32 mc, FM27-109 mc Receiver, AC only. Shpg. wt., 66 lbs.	Net	349.95
Model SX-100 538 Kc—34mc Receiver AC only Shpg. wt., 43 lbs.	Net	295.00
Model R-46-B Matching 3.2ohm 10" PM speaker. Shpg. wt., 15 lbs.	Net	17.95

SONAR 35 WATT PORTABLE MARINE RADIO-TELEPHONE

- 5 CHANNELS PLUS BROADCAST BAND
- RANGE TO 150 MILES
- NO INSTALLATION NECESSARY

Model M35W

Compact portable marine radio-telephone with 6 volt rechargeable battery. Does not require an installation and can be licensed for use on any craft. Features dual crystal control for receiver and transmitter, built-in noise limiter, harmonic attenuation in excess of 60 db (surpasses FCC requirements), and speech clipping for better audio. Mahogany case 12" H, 7 1/4" W, 12 1/2" D. Complete with 2 pairs of crystals (one pair for ship-to-ship; one pair for emergency), battery, tubes, antenna and microphone. Shpg. wt., 39 lbs.

Model M35W Net 339.50

Model M35WS—For fixed installation—Can be detached without requiring retuning. For 6 or 12 volts. 12 1/2" L x 7 1/2" W x 8 1/2" H. Shpg. wt., 15 lbs. Net 325.00

Accessories: Crystals (for other frequencies) Pair Net 10.00

Zipper Bag. Net 4.95; Phone Handset Net 18.00

SONAR DIRECTION FINDER

- FOR SAFE NAVIGATING AT ALL TIMES
- IN ALL WEATHER

Battery operated unit tunes beacon, broadcast, and marine frequencies. Crystal-controlled reception on 2182kc emergency channel, or any other frequency from 2 to 3 mc. Bearing can be taken in less than 10 seconds, and read plus or minus 1 degree. 4" water-proof speaker. Size, 10 1/2" x 11" x 7". Less Batteries. Shpg. wt., 18 lbs.

Model DF4X Direction Finder Net 179.95

Batteries Required; Burgess 2 ea. B-30, 1 ea. BF... Net 7.05

Crystals, extra—for operation on 2 to 3mc. Net 5.00

Nationally Famous "HAM" Equipment

**JOHNSON
HAM GEAR**

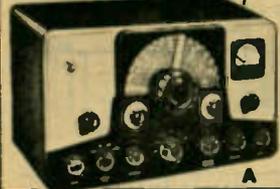


Fig. A. "RANGER" PHONE-CW TRANSMITTER KIT

75 watts CW input; 65 watts phone input. May be used as an exciter without modification. Bandwidthing on 160, 80, 40, 20, 15, 11 and 10 meters. Built-in stable VFO with large 7 inch dial. Also crystal control with choice of 2 crystals. Excellent grid block break-in keying. 100% AM modulated. PI-network output feeds 50 to 500 ohm lines. Meter switching. Completely TVI suppressed. Tubes: 6AU6 VFO, 6CL6 crystal osc., 6CL6 buffer/doubler, 12AU7 keyer, OA2 VB, 6146 final amp., 6AQ5 clamping, 2-1614 PP mod., 6AL5 bias rect., 6AX5 and 5B4GY rect. With assembly photos, diagrams, wiring directions and operating instructions. Size: 15" x 11 5/16" x 9". For 105-125 v. 50-60 cycle AC. Shpg. wt., 34 lbs. Model 240-161 Ranger Kit.....Net 229.50 Model 240-161-2 Ranger Wired.....Net 329.50



Fig. E. 240-141 MOBILE TRANSMITTER KIT

Compact, under-dash mounting unit covers 75, 40, 20, 15 and 11-10 meter bands. Maximum input: 60 watts. 32-ohm output. RF field bias supply reduces battery drain. Band-switching and gang tuning of oscillator, buffer and PA capacitors simplify tuning up. 4 position crystal selector has a position for external VFO as well. Push-to-talk operation provision. "Tune-Transmit-Receive" switch controls all stages—mutes receiver. Meter reads current in oscillator, buffer, PA, and modulator cathode circuits; also PA grid. Tubes: 6BE6 osc., 6AQ5 buffer/doubler, 8P7 RF amp., 6BH6 speech, 6BH6 driver, 8P7 607's mod., 12AU7 bias osc. Requires 300-600 v. DC at 200 ma. Illus. instructions supplied. Less tubes, mike, crystals and pwr. supply. Size: 8 7/16" x 7 1/8" x 10 5/16". Shpg. wt., 16 lbs. Model 240-141 Mobile Kit.....Net 107.00



Fig. G. "VALIANT" TRANSMITTER KIT

Full 275 watts input on CW and SSB (with auxiliary SSB exciter) and 200 watts on AM. Stable, temp. compensated VFO operates from 1.75-2 mc. and 7.0-7.45 mc. PI-network output uses 3-6146's as final amps.; matches antenna loads 30-600 ohms. Time sequence keying. High gain push-to-talk audio. Features low level audio clipping; built-in low pass audio filter; complete TVI suppression. Self-contained regulated power supply delivers 600 v. DC @ 500 ma., 300 v. DC @ 90 ma., and 6.3 v. AC @ 6 amps. A power receptacle for external use is provided. Unit uses 21 tubes. Supplied complete with tubes, less crystals, key and mike. Size: 11 1/2" x 21 1/4" x 17 3/4". Shpg. wt., 83 lbs. Model 240-104 Valiant Kit.....Net 349.50 Model 240-104-2 Valiant Wired.....Net 439.50

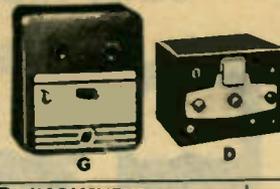


Fig. D. "ADVENTURER" TRANSMITTER KIT

50 watts input into 807 tube. Bandwidthing on 80, 40, 20, 15 and 11-10 meters. Meter switching permits monitoring of final 807 grid or plate currents. Clean, crisp keying! Crystal or external VFO control. PI-network output handles a wide variety of antennas; matches 50-600 ohm antenna impedances. Completely shielded and filtered for TVI suppression. Tubes: 6AG7 osc., 807 power amp., 5U4G rectifier. Built-in power supply (450 v. DC @ 150 ma., and 6.3 v. AC @ 2 amps.) has receptacle for use with auxiliary equipment. All parts, tubes and connectors are furnished. Less crystals and key. Complete assembly and operating directions included. Size: 7 1/2" x 19 1/2" x 8 1/2". Shpg. wt., 19 lbs. Model 240-181 Adventurer Kit.....Net 54.95



Fig. H. 240-122 VIKING VFO KIT

Stable VFO, accurately calibrated for 160, 80, 40, 20, 15 and 11-10 meters. For use with Viking II or similar transmitters. Uses 6AU6 osc., OA2 VR. Output ranges: 1.75-2 mc. for 160-40 meters; 7-7.425 mc. for 40-10 meters; 6.7-7 mc. for 11 meters. Features excellent keying for "break-in" operation. Requires 250 v. DC at 15 ma. power supply for 3.5 to 8 volt output. Size: 7" x 6 7/16" x 6 9/16". Shpg. wt., 8 lbs. Model 240-122 VFO Kit.....Net 45.50 Model 240-122-2 VFO Wired.....Net 66.75

Fig. B. "PACEMAKER" SSB-CW-AM TRANSMITTER

90 watts input for single sideband or CW. 35 watts AM input. Bandwidthing on 80, 40, 20, 15 and 10 meters. Built-in 3-4 mc. VFO is highly stable, easily tuned and covers entire band. Has VOX and anti-trip circuits. Meter reads final amplifier grid and plate current; takes readings for balancing and monitoring modulation level. Separate crystal control for each of the 3 bands. Output feeds 50 to 600 ohm resistive antenna loads. Power output: 60 watts peak. TVI suppressed. Built-in VR power supply for high, low and bias voltages. 19 tubes including 6146 final amplifier. Less crystals, key and mike. Size: 11 1/2" x 21 1/4" x 17 3/4". Shpg. wt., 74 lbs. Model 240-301-2 Pacemaker, Wired, Net 495.00

Fig. C. "VALIANT" TRANSMITTER KIT

Full 275 watts input on CW and SSB (with auxiliary SSB exciter) and 200 watts on AM. Stable, temp. compensated VFO operates from 1.75-2 mc. and 7.0-7.45 mc. PI-network output uses 3-6146's as final amps.; matches antenna loads 30-600 ohms. Time sequence keying. High gain push-to-talk audio. Features low level audio clipping; built-in low pass audio filter; complete TVI suppression. Self-contained regulated power supply delivers 600 v. DC @ 500 ma., 300 v. DC @ 90 ma., and 6.3 v. AC @ 6 amps. A power receptacle for external use is provided. Unit uses 21 tubes. Supplied complete with tubes, less crystals, key and mike. Size: 11 1/2" x 21 1/4" x 17 3/4". Shpg. wt., 83 lbs. Model 240-104 Valiant Kit.....Net 349.50 Model 240-104-2 Valiant Wired.....Net 439.50

Fig. F. "6N2" VHF TRANSMITTER

RF actuated monitor for CW or phone. Operates to 50 mc. without tuning. Monitors, acts as an "on the air" indicator and meter receiver for "break-in" operation. Can be used as code practice oscillator. With 12AX7 and 12AU7. Requires: 250 v. DC at 5 ma. Cables and connectors included. Less power supply. Size 3 1/2" x 3 1/2" x 3 1/2". Shpg. wt., 3 lbs. Model 250-25 Wired, with tubes.....Net 22.00

Fig. F. "6N2" VHF TRANSMITTER

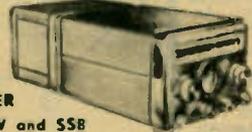
An outstanding excellently designed transmitter for both 6 and 2 meter operation. Completely shielded and TVI suppressed. For use with power supply-modulator combinations. Requires minimum of 6.3 VAC at 3.5 amps. 300 VDC at 70 ma., 300 to 750 VDC at 200 ma. and 30 or more watts of audio. Input rated 150 watts CW and 100 watts AM phone. Cathode keying gives excellent waveform. Can be used with 8-9 mc. crystal or external VFO. With detailed instructions, photographs and diagrams. Dimensions: 13 1/2" x 8 1/2" x 8 1/2". Shpg. wt., 14 lbs. Model 240-201-1—"6N2" Kit.....Net 129.50 Model 240-201-2—"6N2" Wired.....Net 169.50

OTHER JOHNSON EQUIPMENT

- 240-126-1 "Navigator" Exciter/Transmitter, Kit, Shpg. wt., 27 lbs.....Net 100.00
- 240-126-2 "Navigator" Exciter/Transmitter, Wired, Shpg. wt., 27 lbs.....Net 150.00
- 240-352-1 "Viking Courier"—500 watt linear amplifier, Kit, Shpg. wt., 68 lbs.....Net 235.00
- 240-352-2 "Viking Courier"—500 watt linear amplifier, Wired, Shpg. wt., 68 lbs.....Net 295.00
- 240-353-1 "Viking Thunderbolt"—2000 watts P.E.P.—Kit, Shpg. wt., 140 lbs.....Net 450.00
- 240-353-2 "Viking Thunderbolt"—2000 watts P.E.P.—Wired, Shpg. wt., 140 lbs.....Net 525.00
- 250-23 "Matchbox"—250 watts, 52 ohm line to load. Shpg. wt., 11 lbs.....Net 54.95
- 250-24 Standing Wave Ratio Bridge—for 52 ohm lines, Shpg. wt., 1 lb.....Net 11.50
- 250-28 Crystal Calibrator, Wired, Shpg. wt., 1 lb.....Net 17.95
- 250-39 T-R Switch—antenna transfer switch—Shpg. wt., 3 lbs.....Net 25.00

GONSET COMMUNICATIONS EQUIPMENT

**G66B
MOBILE
RECEIVER**



Tunes: 540-2000 kc; 3500-4000 kc; 7000-7300 kc; 14,000-14,350 kc; 21,000-21,450 kc; 28,000-29,700 kc. Crystal controlled 2nd conversion osc.; stabilized HF and BF oscs. "Volume" control provides full RF gain control on "CW". Selectivity assured by 26 1/2 kc 2nd IF with 8 "Q" tuned circuits. 3.3 kc I.F. bandwidth at 6 db down. High image rejection. Double conversion on all bands; double input tuning on high bands. AVC and noise limiter. Built-in "8" meter. 3-watts audio. Phone jack; ext. spkr. and receiver muting provisions. Separated power supply permits operation on 6 and 12 v. DC and 115 v. AC. Speaker in power supply case. Receiver 4 1/2" x 8 1/2" x 8". Power supply 4 1/2" x 6 1/2" x 4 5/8". Shpg. wts: Rec. 6 lbs.; Pwr. Supply 6 lbs. Model 3046 G66B Receiver.....Net 209.50 Model 3069 Power sply., spkr.....Net 44.50

HIGH QUALITY FM TUNERS

- Model 3009. 30-40 mc. FM.....Net 69.50
- Model 3010. 40-50 mc. FM.....Net 69.50
- Model 3011. 88-108 mc. FM.....Net 69.50
- Model 3012. 152-182 mc. FM.....Net 69.50
- Model 3013. 162-174 mc. FM.....Net 69.50

**MATCHING AUDIO AMPLIFIER,
POWER SUPPLY AND SPEAKER UNIT**

- Model 3034. 6 v. DC Input.....Net 47.50
- Model 3035. 12 v. DC Input.....Net 47.50
- Model 3036. 115 v. AC Input.....Net 47.50
- Model 3006. STEERING POST MOUNTING BRACKET FOR TUNERS AND CONV. Net 4.50

**MOBILE
CONVERTERS**



**FIG. C. 3030
"SUPER SIX"**

Mobile converter covers 10-11-15-20-40 and 75 meter phone bands. Also has 19 and 49 meter BC band. High sensitivity, low drift, noise factor and image response. Hi-10 impedance antenna switch. RF gain control and osc. compensation on rear panel. 1430 kc. output. Requires 80-135 v. DC @ 10 ma., 6 v. @ 9 amp. Size: 5 1/4" x 3 1/2" x 5 1/2". Aluminum case, cables included. Shpg. wt., 5 lbs. Model 3030 Super Six Converter.....Net 57.50

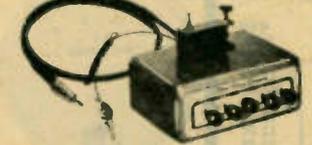
Fig. C. 3002 3-30 MC CONVERTER

Continuous coverage mobile converter covers 3 to 30 mc. Has high sensitivity on short whip. 1500 kc. output. Four working tubes. Requires: 135 v. DC @ 10 ma., and 6 v. DC @ .75 amp. Size: 5 1/4" x 3 1/2" x 5 1/2". Aluminum case, with cables and instructions. Shpg. wt., 3 lbs. Model 3002 Mobile converter.....Net 49.50

Fig. A & B. 3041 MOBILE SUPER-CEIVER

Crystal controlled IF-audio unit for use with amateur converters such as "Super 8" 8 tuned circuits (262 kc) provide high selectivity. Integral vibrator power supply furnishes voltage regulated power to converter and BFO. RF-AM gain controls; adjustable squelch; noise clipper. Built-in speaker. 1430 kc. input. Wired for 8 volt DC operation. Easily converted for 12 v. use. Size: 6 1/2" x 6 1/2" x 4 1/2" high control head. With cables and crystal. Shpg. wt., 8 lbs. Model 3041 Super-ceiver.....Net 119.50

**NEW
GONSET PUSH-BUTTON
CONVERTER**



● SIMPLE INSTALLATION GIVES SHORTWAVE OR BROADCAST WITH THE PUSH OF A BUTTON.

New push-button Short Wave converter patches quickly and simply to any 12 volt manually-tuned auto radio without internal connections or alterations to the radio. Push buttons select 49, 21, 19 or 13 meter international SW bands or return auto set to Broadcast. Tuning is done with auto set dial. Size 2 1/4" high, 5 1/4" wide, 4 1/4" deep. Complete with mounting bracket and necessary plugs and cables. Model 3128.....Net 39.95

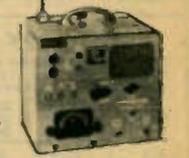
**VOCALINE TRANSCIEVER
FOR CITIZENS BAND**



Model JRC-400—Net per Pair 136.71

Model JRC-425—Same as JRC-400 except has stainless steel mike with push-button control, and earphone jack. Net per Pair 195.50

**GONSET
2 AND 6
METER
DE LUXE
COMMUNICATORS**



2 METER DE LUXE COMMUNICATOR
Tunable superhet receiver, crystal controlled transmitter, (AM). Covers 144-148.3 mcs. 2E26 final delivers 6-7 watts output. Has adjustable squelch, (silent standby), noise clipper, phone jack and speaker muting, dial light switch.

6 METER DE LUXE COMMUNICATOR
Cascade front end, double conversion for increased selectivity usable on 6 meters. Transmitter delivers 6 to 8 watts output with either 6, (or 12) volts DC, or 115 Volt AC.
Model 3048—6 Meter 115V AC/6VDC.....239.50
Model 3058—6 Meter 115V AC/12VDC.....239.50
Model 3025—2 Meter 115V AC/6VDC.....239.50
Model 3057—2 Meter 115V AC/12VDC.....239.50
3025—Zipper Carrying Bag for Above 14.95

Now! Private short distance radio at a price you can afford. Practical 3-way communication for boat, apartment, surveying, etc. Simple operation. Lightweight units (4 lbs.) work from 115 v. AC or your car battery. Talk into the hand-sized mike. Your message is received clearly over the loudspeaker of other Vocaline units. That's all. No tuning. No adjustments. Built-in whip antenna. Auxiliary ground plane antenna available for use when transmitter is used in cars or other shielded locations. Operates on a fixed 465 mc frequency (Citizens Band). No examination is required for a license. Complete with tubes and microphone. Size: 9" x 6" x 5". Shpg. wt. 8 lbs. For 115 v. AC and battery operation. Specify choice of 6 or 12 v. DC battery operation when ordering.
Model 3048.....Net per Unit 68.35

Model JRC-400—Net per Pair 136.71 Net per Unit 68.35

Model JRC-425—Same as JRC-400 except has stainless steel mike with push-button control, and earphone jack. Net per Pair 195.50 Net per Unit 97.75

GROUND PLANE ANTENNAS

- GP4-10 With 10 ft. cable.....Net 7.79
- GP4-20 With 20 ft. cable.....Net 9.26

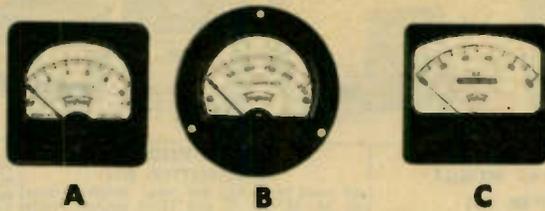
TRIPLETT PANEL METERS

METER SPECIFICATIONS

GLASS-FRONT PANEL METERS

METER DIMENSIONS ROUND FLUSH MOUNTING

The panel meter with the quality of distinction. Accurate to within 2% of full scale. DC meters employ D'Araonval 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. wgt. 1 1/2 lbs. LAFAYETTE CAN SUPPLY THE COMPLETE LINE OF TRIPLETT METERS. *Overall depth including terminals.



Mod.	Flange	Body Dia.	*Depth	Scale
221-T	2-11/16"	2-7/32"	1-5/8"	1.76"
231-S	2-11/16"	2-7/32"	1-13/16"	1.58"
321-T	3-1/2"	2-3/4"	1-5/8"	2.49"
331-S	3-1/2"	2-3/4"	1-13/16"	2.22"

RECTANGULAR FLUSH MOUNTING

Mod.	Flange	Body Dia.	*Depth	Scale
227-T	2-3/8x2-3/8"	2-5/32"	1-11/16"	1.76"
237-S	2-3/8x2-3/8"	2-5/32"	1-7/8"	1.58"
327-T	3x3"	2-3/4"	1-11/16"	2.49"
337-S	3x3"	2-3/4"	1-7/8"	2.22"
420	4-5/8x4-3/16"	2-3/4"	1-5/8"	4.14"
430	4-5/8x4-3/16"	2-3/4"	1-5/8"	3.6"

D.C. MICROAMMETERS

RANGE	221-T 2 1/2" Round	227-T 2 1/2" Rect.	321-T 3 1/2" Round	327-T 3" Rect.	420 4 1/2" Rect.
0-20	17.25	17.25	17.84	17.84	18.91
0-50	14.60	14.60	15.09	15.09	16.17
0-100	12.74	12.74	13.23	13.23	14.31
0-200	10.88	10.88	11.47	11.47	12.54
0-500	10.39	10.39	10.88	10.88	11.96
50-500	12.74	12.74	13.23	13.23	14.31
100-0-100	10.88	10.88	11.47	11.47	12.54
500-0-500	9.70	9.70	10.29	10.29	11.37

D.C. VOLTMETERS

1000 Ohms per Volt — With Carbon, Film-Type Resistors. + Have external resistors. *With wirewound resistors.

RANGE	221-T 2 1/2" Round	227-T 2 1/2" Rect.	321-T 3 1/2" Round	327-T 3" Rect.	420 4 1/2" Rect.
0-1	10.49	10.49	10.98	10.98	12.05
0-3	10.49	10.49	10.98	10.98	12.05
0-5	10.49	10.49	10.98	10.98	12.05
0-10	10.49	10.49	10.98	10.98	12.05
0-15	10.49	10.49	10.98	10.98	12.05
0-25	10.49	10.49	10.98	10.98	12.05
0-50	10.49	10.49	10.98	10.98	12.05
0-100	10.49	10.49	10.98	10.98	12.05
0-150	10.49	10.49	10.98	10.98	12.05
0-200	10.49	10.49	10.98	10.98	12.05
0-250	10.49	10.49	10.98	10.98	12.05
0-300	10.49	10.49	10.98	10.98	12.05
0-500	10.98	10.98	11.56	11.56	12.64
0-750	10.98	10.98	11.56	11.56	12.64
0-1000†	13.03	13.03	13.62	13.62	14.70
0-2000†	13.03	13.03	13.62	13.62	14.70
0-3000†	13.03	13.03	13.62	13.62	14.70
0-4000†	13.03	13.03	13.62	13.62	14.70
0-5000†	13.03	13.03	13.62	13.62	14.70

A.C. MILLIAMMETERS

Range	231-S 2 1/2" Round	237-S 2 1/2" Rect.	331-S 3 1/2" Round	337-S 3" Rect.	430 4 1/2" Rect.
0-10 thru 0-500	9.70	9.70	10.29	10.29	11.37

A.C. AMMETERS

Range	231-S 2 1/2" Round	237-S 2 1/2" Rect.	331-S 3 1/2" Round	337-S 3" Rect.	430 4 1/2" Rect.
0-1	9.70	9.70	10.29	10.29	11.37
0-2	9.70	9.70	10.29	10.29	11.37
0-3	9.70	9.70	10.29	10.29	11.37
0-5	9.70	9.70	10.29	10.29	11.37
0-10	9.70	9.70	10.29	10.29	11.37
0-15	9.70	9.70	10.29	10.29	11.37
0-25	9.70	9.70	10.29	10.29	11.37
0-50	9.70	9.70	10.29	10.29	11.37
0-75	9.70	9.70	11.86	11.86	12.94

A.C. VOLTMETERS

RANGE	231-S 2 1/2" Round	237-S 2 1/2" Rect.	331-S 3 1/2" Round	337-S 3" Rect.	430 4 1/2" Rect.
0-1.5	9.70	9.70	10.29	10.29	11.37
0-3	9.70	9.70	10.29	10.29	11.37
0-5	9.70	9.70	10.29	10.29	11.37
0-10	9.70	9.70	10.29	10.29	11.37
0-15	9.70	9.70	10.29	10.29	11.37
0-25	9.70	9.70	10.29	10.29	11.37
0-50	9.70	9.70	10.29	10.29	11.37
0-100	11.17	11.17	11.76	11.76	12.84
0-150	11.17	11.17	12.25	12.25	13.33
0-300	11.17	11.17	12.25	12.25	13.33
0-500	15.39	15.39	15.97	15.97	17.05

D.C. MILLIAMMETERS

Range	221-T 2 1/2" Round	227-T 2 1/2" Rect.	321-T 3 1/2" Round	327-T 3" Rect.	420 4 1/2" Rect.
0-1	9.70	9.70	10.29	10.29	11.37
0-1.5	9.70	9.70	10.29	10.29	11.37
0-3	9.70	9.70	10.29	10.29	11.37
0-5	9.70	9.70	10.29	10.29	11.37
0-10	9.70	9.70	10.29	10.29	11.37
0-15	9.70	9.70	10.29	10.29	11.37
0-25	10.09	10.09	10.68	10.68	11.76
0-50	10.09	10.09	10.68	10.68	11.76
0-75	10.09	10.09	10.68	10.68	11.76
0-100	10.09	10.09	10.68	10.68	11.76
0-150	10.09	10.09	10.68	10.68	11.76
0-200	10.09	10.09	10.68	10.68	11.76
0-250	10.09	10.09	10.68	10.68	11.76
0-300	10.09	10.09	10.68	10.68	11.76
0-400	10.09	10.09	10.68	10.68	11.76
0-500	10.09	10.09	10.68	10.68	11.76
0-750	10.09	10.09	10.68	10.68	11.76
0-1000	10.09	10.09	10.68	10.68	11.76
500-0-500 (Galv.)	9.70	9.70	10.29	10.29	11.37

D.C. MILLIVOLTMETERS

Range	221-T 2 1/2" Round	227-T 2 1/2" Rect.	321-T 3 1/2" Round	327-T 3" Rect.	420 4 1/2" Rect.
0-50	9.70	9.70	10.29	10.29	11.37
0-100	9.70	9.70	10.29	10.29	11.37
0-150	9.70	9.70	10.29	10.29	11.37

D.C. AMMETERS

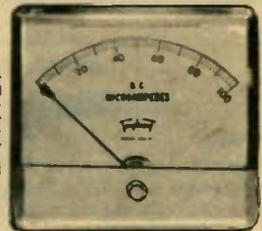
Self-contained up to and including 50 amperes. Meters for 75 amperes (150 millivolts) and higher have switchboard or curve-type shunts.

Range	221-T 2 1/2" Round	227-T 2 1/2" Rect.	321-T 3 1/2" Round	327-T 3" Rect.	420 4 1/2" Rect.
0-1	9.70	9.70	10.29	10.29	11.37
0-3	9.70	9.70	10.29	10.29	11.37
0-5	10.49	10.49	10.98	10.98	12.05
0-10	10.49	10.49	10.98	10.98	12.05
0-15	10.49	10.49	10.98	10.98	12.05
0-25	10.49	10.49	10.98	10.98	12.05
0-30	10.49	10.49	10.98	10.98	12.05
0-50	10.49	10.49	10.98	10.98	12.05

TYPE PL PLASTIC-FRONT METERS



New, 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'Araonval movements; AC types use double-iron repulsion movements. Can withstand severe vibration. Av. wgt. 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.

PL METER DIMENSIONS

Mod.	Flange	Body Dia.	Depth	Scale
221-PL*	2-11/16"	2-13/64"	1"	2.107"
227-PL*	2-19/32x2 3/8"	2-6/32"	1-3/32"	2.107"
231-PL*	2-11/16"	2-13/64"	1"	1.92"
237-PL*	2-19/32x2 3/8"	2-5/32"	1-3/32"	1.92"
321-PL*	3 1/2"	2 3/4"	1"	3.11"
327-PL*	3 1/2x3-1/16"	2 3/4"	1-5/32"	3.11"
331-PL*	3 1/2"	2 3/4"	1"	2.65"
337-PL*	3 1/2x3-1/16"	2 3/4"	1-5/32"	2.65"
420-PL*	4 1/2x4-3/16"	2 3/4"	1-1/16"	4.14"

*Round +Rect.

VOLUME UNIT METERS

Internal impedance 3900 ohms. 1 mv. ref. level. For 600 ohm line. Type "A" Scale: 0-100%; -20 +3 VU on top arc. Type "B" Scale: 0-100%; -20 +3 VU on bottom arc. *Illuminated; + "A" Scale only.

327-T 3" Rect.	420 4 1/2" Rect.	321-PL 3 1/2" Round	420-PL 4 1/2" Rect.
18.72	23.52	19.31†	23.52†
20.48*	26.75*		

DECIBEL METERS

UP6 down 10 D.B. For 500 ohm line. 6 mw ref. level. Zero D.B. = 1.73V. Internal resistance 6000 ohms. *Illuminated.

321-T 3 1/2" Round	327-T 3" Rect.	420 4 1/2" Rect.	321-PL 3 1/2" Round	420-PL 4 1/2" Rect.
14.99	14.99	16.76	15.68	16.76
16.95*	16.95*	18.03*		

D.C. MICROAMMETERS

RANGE	221-PL 2 1/2" Round	227-PL 2 1/2" Rect.	321-PL 3 1/2" Round	327-PL 3" Rect.	420-PL 4 1/2" Rect.
0-50	15.09	15.09	15.58	15.58	16.17
0-100	13.23	13.23	13.72	13.72	14.31
0-200	11.37	11.37	11.96	11.96	12.54

D.C. MILLIAMMETERS

Range	221-PL 2 1/2" Round	227-PL 2 1/2" Rect.	321-PL 3 1/2" Round	327-PL 3" Rect.	420-PL 4 1/2" Rect.
0-1	10.19	10.19	10.78	10.78	11.37
0-25	10.58	10.58	11.17	11.17	11.76
0-50	10.58	10.58	11.17	11.17	11.76
0-100	10.58	10.58	11.17	11.17	11.76
0-150	10.58	10.58	11.17	11.17	11.76
0-200	10.58	10.58	11.17	11.17	11.76
0-300	10.58	10.58	11.17	11.17	11.76
0-500	10.58	10.58	11.17	11.17	11.76

D.C. AMMETERS

Range	221-PL 2 1/2" Round	227-PL 2 1/2" Rect.	321-PL 3 1/2" Round	327-PL 3" Rect.	420-PL 4 1/2" Rect.
0-5	10.98	10.98	11.47	11.47	12.05
0-10	10.98	10.98	11.47	11.47	12.05
0-25	10.98	10.98	11.47	11.47	12.05
0-50	10.98	10.98	11.47	11.47	12.05

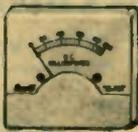
D.C. VOLTMETERS

Range

PANEL METERS and TESTERS

SHURITE METERS

CLEAR PLASTIC
GLASS-FRONT



Model 550

Model 950

GLASS

FRONT

Economy model panel meters with fast response, excellent torque-to-weight ratio, long scales, and accuracy well within standard 5%. AC are double-vane repulsion type with jeweled bearing. DC are polarized-vane solenoid type or moving magnet construction. Require a 2-5/32" hole. "H" indicates high resistance. Average Shpg. wt., 2 lbs. CLEAR PLASTIC: Attractive plastic meters with 2-17/32" W x 2-5/16" H crystal polystyrene front for exceptional visibility and protection. Frosted finish interior. GLASS-FRONT: Sturdy metal case, glass-front meters. Round metal is clamp-mounted; square metal is range-mounted. PLASTIC

RANGE	ROUND STOCK NO.	SQUARE STOCK NO.	NET	STOCK NO.	NET
DC VOLTMETERS					
0-1	5101	9101	1.81	—	—
0-3	5102	9102	1.81	—	—
0-8	5106	9106	1.81	—	—
0-10	5107	9107	1.81	8107	2.01
0-15	5108	9108	1.81	8108	2.01
0-25	5109	9109	2.11	8109	2.30
0-50	5122	9122	2.25	8122	2.45
0-100	5113	9113	2.25	—	—
0-150	5115	9115	2.30	8115	2.50
0-300H	5117	9117	3.14	—	—
0-500H	5118	9118	3.38	—	—
AC VOLTMETERS					
0-15	5404	9404	2.94	—	—
0-50	5405	9405	3.53	8405	3.73
0-150	5406	9406	3.53	8406	3.73
0-300	5407	9407	4.17	8407	4.36
DC MILLIAMMETERS					
0-1	5300Z	9300Z	3.43	8300Z*	3.63
0-3	5301	9301	2.55	—	—
0-5	5302	9302	2.30	8302	2.50
0-10	5303	9303	2.16	8303	2.35
0-15	5304	9304	1.86	8304	2.06
0-25	5305	9305	1.81	8305	2.01
0-50	5306	9306	1.81	8306	2.01
0-100	5307	9307	1.81	8307	2.01
0-150	5308	9308	1.81	8308	2.01
0-200	5309	9309	1.81	8309	2.01
0-300	5310	9310	1.81	8310	2.01
0-400	5311	9311	1.81	8311	2.01
0-500	5312	9312	1.81	8312	2.01
AC MILLIAMMETERS					
0-10	5607	9607	3.23	—	—
0-50	5602	9602	2.94	—	—
0-100	5603	9603	2.94	8603	3.14
0-250	5604	9604	2.94	8604	3.14
DC AMMETERS					
0-1	5201	9201	1.81	—	—
0-3	5202	9202	1.81	—	—
0-5	5203	9203	1.81	8203	2.01
0-10	5205	9205	1.81	8205	2.01
0-25	5207	9207	2.25	8207	2.45
0-50	5208	9208	2.45	—	—
10-0-10	5213	9213	2.25	—	—
20-0-20	5214	9214	2.30	8214	2.50
50-0-50	5216	9216	2.55	—	—
AC AMMETERS					
0-1	5501	9501	2.89	—	—
0-3	5502	9502	2.89	—	—
0-5	5503	9503	2.89	8503	3.09
0-10	5504	9504	2.89	8504	3.09
0-15	5508	9508	2.89	8508	3.09
0-30	5505	9505	3.14	—	—
0-50	5506	9506	3.33	—	—
RESISTANCE					
10,000 OHMS	5701	9701	2.40	8701	2.60

FLANGE ADAPTER RING FOR ROUND METERS MODEL 5A—2 1/4" Black Finish 18 4.5V
*With zero Adjuster. For zero adjuster add 35¢ to price and Z to stock No. desired.

SHURITE BATTERY TESTERS



Packet 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 oz.

D. C. VOLTMETERS

Type No.	Ranges	Net
4104	0-5	2.25
4151	0-7	2.25
4122	0-50	2.69
4128	0-2-50	2.89
4127	0-5-50	2.89
4130	0-7.5-90	3.04
4131	0-2-6	3.68
4150	0-2-150	3.77

D. C. AMMETERS

Type No.	Ranges	Net
4202	0-3	2.25
4206	0-15	2.30
4226	0-40	2.89

HEARING AID BATTERY TESTER

Ideal for checking 1.5, 15, 22.5, 30, 33 and 45 volt batteries.
SHURITE 4123 Net 3.53

PLUG-IN LINE VOLTAGE TESTER



• JUST PLUG IN AND READ!
• 90° SWIVEL

Accurate Voltage Tester gives instantaneous readings right at the receptacle—no wires, no assembly. Just plugs into AC receptacle. Reads 0-150V AC. 90° swivel at the prongs for easy reading from any position. Accuracy 5%. Steel case. Damped movement. Shpg. wt. 1/2 lb.

EMICO PLV METER 2.94

TV & RADIO TUBE CHECKER



Gives foolproof open or burned-out filament check on all octal, loctal, miniature and picture tubes, as well as a new series filament tubes. Also tests voltages (100-600V.) and continuity of fuses, line cards, appliances, motors, etc. Has neon indicator. In metal case, 3 1/4" x 4 1/4". Complete with test leads. Operates on 110-120 V., AC or DC. Shpg. wt., 1 lb.

SENCO FC-4 Net 2.89

TS-105—Power interlock card for above Net .29

NEW PRECISE ALL-PLASTIC PDC "METER OF MANY FACES"

- CONVERT ONE PANEL METER TO UP TO 26 DIFFERENT RANGES!
- ENGINEERED FOR MAXIMUM PRECISION AND ECONOMY.



Ingenuous new precision panel meter enables you to obtain up to 26 different ranges. Simply remove the old scale, designator and multiplier resistor or shunt, and slip in the new. A new meter in a matter of seconds at a small fraction of the cost of an additional unit! Your meter cannot become obsolete. All are D'Arsonval meter movements with accuracy of 2% in millivolts and current. Alnico V permanent magnets and jeweled bearings for exceptional service. Mirrored scales for better clarity and appearance. Cross-arm type balance. Clear plastic front and body. Front—4 3/8" x 4 3/16"; Body—2 11/16" diam. Requires 2 3/4" panel hole. Mounts by 4 threaded studs on 4" x 3 9/16" mtg. ctrs. Average shpg. wt., 1 1/2 lbs. Order by type and range: i.e., Type MIK 10 Volts DC; TYPE MIVA 100MA AC; etc.

Range Volts	DC VOLTS			AC VOLTS			CURRENT			
	Type MIK 1000	Type M500 2000	Type M50 20,000	Type MIVA 1000	Type MIVA 1000	Type MIVA 1000	Range Current	AC Type MIVA	DC Type	Net
.05	12.95	13.60	—	—	—	—	50UA	—	M50	16.95
.1	—	—	16.90	—	—	—	100UA	—	M50	16.95
.25	—	13.60	—	—	—	—	250UA	—	M50	16.95
.5	12.95	13.60	16.90	—	—	—	400UA	—	M50	16.95
.75	—	13.60	—	—	—	—	500UA	—	M500	12.85
1.0	12.95	—	16.90	17.95	—	—	1 MA	17.95	M1K	12.45
1.25	—	13.60	—	—	—	—	3 MA	17.95	M1K	12.85
1.5	12.95	13.60	16.90	17.95	—	—	10 MA	17.95	M1K	12.85
2.5	12.95	13.60	16.90	17.95	—	—	25 MA	17.95	M1K	12.85
3.0	12.95	—	16.90	17.95	—	—	50 MA	17.95	M10K	11.60
5.0	12.95	13.60	16.90	17.95	—	—	100 MA	17.95	M10K	11.60
7.5	—	13.60	—	—	—	—	250 MA	17.95	M10K	11.60
10.0	12.95	—	16.90	17.95	—	—	300 MA	17.95	M10K	11.60
12.5	—	13.60	—	—	—	—	500 MA	17.95	M10K	11.60
15.0	12.95	13.60	16.90	17.95	—	—	1 A	17.95	M10K	11.60
25.0	12.95	13.60	16.90	17.95	—	—	SCALE ILLUMINATION KIT 1.00			
30.0	12.95	—	16.90	17.95	—	—	CONVERSION COMPONENTS			
50.0	12.95	13.60	16.90	17.95	—	—	Any of the above meters of a given type can be converted to any available range and function, as listed, in a meter of identical type by the addition of the proper scale, designator and resistor or shunt. Specify the meter type you have and the exact range required in AC or DC.			
75.0	—	13.60	—	—	—	—	CONVERSION KIT FOR			
100.0	12.95	—	16.90	17.95	—	—	VOLTMETERS			
125.0	—	13.60	—	—	—	—	CONVERSION KIT FOR CURRENT			
150.0	12.95	13.60	16.90	17.95	—	—	METER			
250.0	12.95	13.60	16.90	17.95	—	—	1.40			
300.0	12.95	—	16.90	17.95	—	—	1.65			
500.0	13.45	13.60	16.90	18.45	—	—				
750.0	—	13.60	—	—	—	—				
1000.0	13.60	—	16.90	18.45	—	—				

PRECISE SPECIAL PDC METER KIT

- CLOSE TO 100 CUSTOM METERS FROM 6 BASIC UNITS!



Here is a sensational meter package of six attractive, precision meters plus related quality resistors, shunts and mirrored scale faces that provides close to 100 custom meters ready for immediate use. Illumination kit included. Ideal for labs, hobbyists, experimenters, field measurements, etc. Covers all the PDC meter ranges listed on this page. In a matter of seconds you convert to an active quality instrument. No more obsolete meters on your shelves! Packed into attractive-type lightweight portable case. 17" x 15 1/2" x 4". Shpg. wt., 15 lbs.

PRECISE PDC METER KIT Net 129.95

0-3 DC MILLIAMMETER

Attractive 0-3 DC Ma. panel meter with colored GOOD-FAIR-POOR Scale. Green "GOOD" extends from 0 to .5 Ma. Yellow "FAIR" from .5 to 1.5 Ma. Red "POOR" from 1.5 to 3 Ma. approx. 4800 ohms internal resistance. Polarized vane solenoid type. Metal case with telephone-black front. Requires 2-5/32" hole. Ideal for transistor checker, remote control, grid dip meters, battery checker, AM-FM receiver tuning, hobbyists, etc. Has two 1/8" holes for panel mounting. 2 3/8" x 2 9/16" x 1 1/2", overall. Shpg. wt., 1 lb.



MS-312 Net 2.50

EBY SUBMINIATURE POCKET TESTER

- NEW
- AMAZING
- FOOLPROOF

Measures only 3" x 4" x 1 1/4", yet this amazing unit is 8 instruments in 1. Measures AC-DC volts from 0-1000 on low range, and 50KV on high. It's a signal tracer, condenser tester, audio oscillator. AGC substitution voltage supply, visual output meter and continuity tester. An outstanding value. Shpg. Wt. 3 lbs.
EBY A1000 Net 5.95



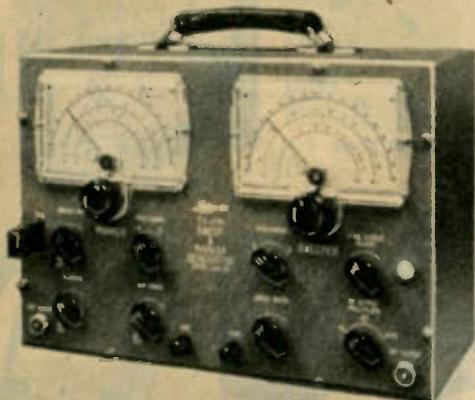
Lafayette
Presents

3 NEW PRECISION INSTRUMENTS FOR THE LABORATORY AND SERVICEMAN

TV-FM SWEEP-MARKER-ALIGNMENT GENERATOR

Compare it with instruments at twice the price!

- SWEEP RANGE 3MC-260MC • MARKER RANGE 3MC-225MC
- COMBINATION CRYSTAL AND VARIABLE MARKER—1% ACCURATE
- SUPPLIED WITH 4.5MC CRYSTAL 0.002% ACCURATE
- SWEEP WIDTH 0-12 MC CONTINUOUSLY VARIABLE • TWO 5" DIALS
- CRYSTAL CALIBRATION OF BOTH SWEEP AND MARKER
- RF OUTPUT 100,000 μ v WITH BOTH STEP AND CONTINUOUS ATTENUATION



79.50 Completely
Factory Wired and Tested

The Lafayette LSG-50 is a factory wired and calibrated precision instrument that incorporates in a single unit both TV-FM sweep and crystal marker generators with all the features and ranges required for fast accurate alignment of IF and RF stages of TV and FM receivers. It may, of course, be used also as a continuous RF generator. The accurate, linear electromagnetic sweep system covers 3MC-260MC in 2 bands of 3MC-120MC and 140MC-260MC. Sweep width is continuously variable from 0-12MC or more. 3 volts RMS, 60 cycle sine wave horizontal sweep voltage (for oscilloscope) available from front panel. The marker covers 3MC-225MC in 4 overlapping ranges, providing continuous coverage and marking for all FM and TV IF frequencies. The combination of crystal and variable marking permits producing several marker indications simultaneously along the IF curve. Marker calibration is accurate to better than 1%. The 4.5MC crystal supplied mounts on a front panel socket and is accurate to 0.002%. The output of the crystal may be used to calibrate both the sweep and marker generators over their entire ranges, as well as to calibrate other generators. An extra input is provided so an additional external marker can be used. The built-in marker may be operated independently of the sweep. RF output is over 100,000 microvolts and is controlled by the 3 step (X1, X10, X100) attenuation and the continuously variable fine adjustment control. Output impedance is 75 ohms, unbalanced.

Controls are sweep width, horizontal phase, electronic retrace blanking with off position, marker amplifier, RF output 3 step multiplier, RF output fine adjustment, sweep range selector switch and marker range selector switch. Crystal socket, pilot light and external marker input are also on front panel. Tubes are 6J6, 2-12BH7, 6AV6 and 6X4. Other features include filter to prevent leakage to line through power supply, efficient completely shielded oscillator and attenuator insuring exceptionally low leakage of unwanted signal, two 5" easy-to-read dials protected by clear, plastic covers and vernier driven dial pointers. Sturdy gray wrinkle metal cabinet. Convenient handle. Complete with tubes, 75 ohm output and external marker input cables, and 4.5MC crystal. Size 9" x 13 1/2" x 6". Shpg. wt., 20 lbs.

MODEL LSG-50.....Net 79.50

FM-TV MARKER GENERATOR WITH VERTICAL-HORIZONTAL BAR GENERATOR

- FREQUENCY RANGE 3.5MC-250MC IN 6 BANDS
- COMBINATION CRYSTAL AND VARIABLE MARKER—1% ACCURATE
- GENERATES VARIABLE VERTICAL AND HORIZONTAL BARS
- SUPPLIED WITH 4.5MC CRYSTAL—0.002% ACCURATE
- RF OUTPUT 100,000 μ v WITH CONTINUOUSLY VARIABLE ATTENUATOR
- SELF CONTAINED AUDIO MODULATION

The LSG-30 TV-FM Marker Generator is a factory wired, precision instrument that is both a marker and bar generator. It provides marker signals over the entire range of 3.5MC-250MC in 6 bands. The combination of crystal and variable marking permits producing 2 marker indications simultaneously on the response curve thus speeding up alignment. Marker calibration is better than 1% accurate. The 4.5 MC crystal supplied mounts in front panel socket and is accurate to 0.002%. The output of the crystal may be used to calibrate the marker or other instruments.

In addition it provides both vertical and horizontal bars for fast visual adjustment of linearity of TV pictures. The bar generator frequencies are easily adjustable by front panel variable controls.

The horizontal bar modulation frequency is in the audio range (approx. 720 cps.) and is variable, thus serving as a self-contained method of modulating the marker. This is especially valuable in stage-by-stage alignment eliminating the use of an additional instrument.

The RF output of 100,000 μ v is controlled by a continuously variable attenuator. Output impedance is 75 ohms unbalanced. Controls all on front panel, are frequency range selector; 4 position signal selector switch (CW, Vert. bar, Horiz. bar, xtal); RF output attenuator, horizontal bar control; vertical bar control and power on-off. Also on front panel are crystal socket, output connector, pilot light, ground post and vernier driven dial pointer.

Other features include filter to prevent leakage to line through power supply, easily readable 5 1/2" dial scale protected by clear plastic cover and vernier driven dial pointer, and sturdy gray wrinkle metal cabinet with handle. Tubes are 6C4, 12BH7, 6J6 and 6X4. Complete with tubes, 75 ohms coax cable and crystal. Size 8" x 12" x 5". Shpg. wt., 9 lbs.

MODEL LSG-30.....Net 49.95



49.95
Completely Factory Wired

TV-FM SWEEP GENERATOR

- RANGE 2MC-260MC • ACCURATE LINEAR SWEEP SYSTEM
- SWEEP WIDTH 0-12MC, CONTINUOUSLY VARIABLE
- RF OUTPUT 100,000 μ v WITH BOTH STEP ATTENUATOR AND CONTINUOUS ADJUSTMENT

The LSW-40 is a factory wired precision built TV-FM sweep generator that furnishes swept signals for visual alignment over the range of 2MC-260MC in 2 bands of 2MC-120MC and 140MC-260MC. The sweep width is continuously variable from 0-12MC over the entire range. The RF output of 100,000 microvolts is controlled by an accurate 3 step (X, X10, X100) attenuator and a continuously variable fine adjustment control. Output impedance is 75 ohms unbalanced. 3 volt RMS, 60 cycle sine wave horizontal sweep voltage for oscilloscope is available from front panel.

Controls, all on front panel, are frequency range selector, adjustable horizontal phasing control with AC on-off switch, continuously variable blanking control with off position, sweep width, RF output step attenuator, and RF output fine adjust control. Also on front panel are pilot light, RF output connection, 60 cycle output, and vernier drive dial knob.

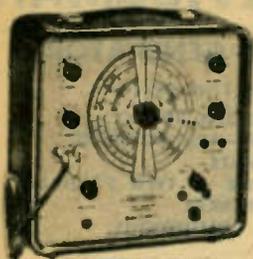
Additional features include completely shielded, accurate, linear electro-magnetic sweep system, filtered power-line for minimum leakage, and 5 1/2" easily read dial. Tubes are 6J6, 12BH7, 6AV6 and 6X4. Sturdy gray wrinkle metal cabinet has carrying handle. Complete with tubes and 75 ohm and 300 ohm coaxial cables. Size 8" x 12" x 5". Shpg. wt., 18 lbs.

MODEL LSW-40.....Net 59.50

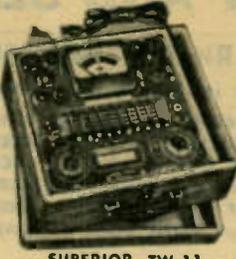


59.50 Completely Wired

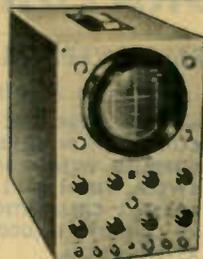
TEST EQUIPMENT



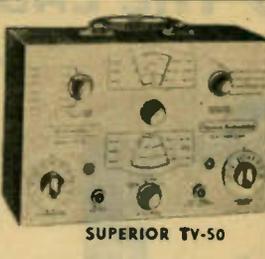
PRECISION E-200C



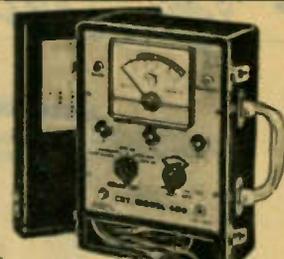
SUPERIOR TW-11



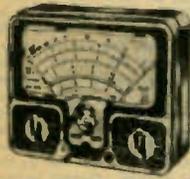
RCA WO91A



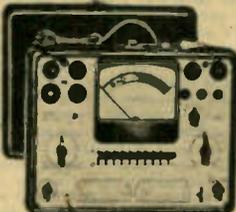
SUPERIOR TV-50



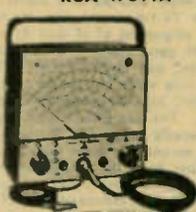
B & K 400



PHAOSTROTRON 555A



TRIPLETT 3413B



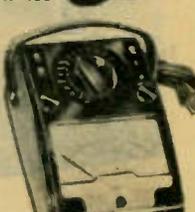
RCA WV98A



SIMPSON 260



TRIPLETT 630



HICKOK 455

PRECISION E-200-C SIGNAL-MARKER GENERATOR

● PROFESSIONAL PERFORMANCE

The outstanding generator in its class. 88 KC to 240 MC. 6 1/2" Dial direct reading in 9 bands to 240 MC. 1% accuracy on all bands. 0-1000 Vernier Scale; 400 cycle sine wave audio oscillator—over 50 volts output; dual RF Attenuators; vital components shielded—AC line is RF filtered; 4 signals: "Unmod. RF," "400 cycle Mod. RF," "Externally Mod. RF," "400 cycle Audio Output"; 0-100% modulation control; built-in AVC-AGC substitution for overcorrecting alignment troubles. Excellent for alignment and "Servicing by Signal Substitution." Black ripple finished cabinet with anodized alum. panel. 10 1/2"x12"x6". For 110-120 volts, 50/60 cycles. Complete with tubes, cable and "Servicing by Signal Substitution" manual. Shpg. wt., 17 lbs.

E-200-CNet 88.20
E-200-C Deluxe—satin brushed, anodized aluminum panels, custom molded knobs, color-etched characters, blue-gray ripple cabinet. Shpg. wt., 17 lbs.Net 93.10

SUPERIOR TW-11 TUBE TESTER

Tests all tubes including 4, 5, 6, 7, octal, lock-in, peanut, bantam, hearing aid, Thyatron, miniature, sub-miniature, novol, sub-minor, proximity fuse type, etc. Will test for "shorts" and "leakages" up to 5 megohms. Uses the new self-cleaning lever action switches for individual element testing. The user can instantly identify which element is under test. Truly tests tubes with tapped filaments as any of the pins may be placed in the neutral position when necessary. Individual sockets for each type of tube. No combination sockets used. Built-in roll chart provides complete data. Line voltage control compensates for variations between 105 and 130 volts. Jack on front panel for plugging in phones or amplifier to detect noise. The TW-11 may also be used as an extremely sensitive condenser leakage checker. Will detect leakage even when the frequency is one per minute. Operates on 105-150 volts, 60 cycles AC. Housed in an oak cabinet complete with cover. 11 1/4"x13"x6". Shpg. wt., 15 lbs.

SUPERIOR TW-11Net 46.55

RCA WO-91A OSCILLOSCOPE

All new scope. Frequency response on wide band position within — 1 db from 10 cps to 4.5 mc, on narrow band within — 6 db from 10 cps to 1.5 mc. Sensitivity .025 volt peak-to-peak per inch in narrow band position, .075 volt peak-to-peak in wide.

Other features: voltage calibrated, frequency compensated, 3 to 1 step attenuator for "V" amp; built-in calibration for peak-to-peak voltage measurements; removable multi-scale graph screen measures peak-to-peak voltages as easily as a VTM; vertical polarity reversal switch for "upright" or "inverted" trace display; one-piece low capacitance direct probe; pre-set "V" and "H" sweep positions; "plus-or-minus" internal sync-selector; positive-lock internal sync. Complete with dual purpose probe shielded input cable and instructions. Shpg. wt., 40 lbs.

RCA WO-91ANet 229.50

SUPERIOR TV-50 GENOMETER

● NEW! 7 SIGNAL GENERATORS IN 1

R.F., A.F., Bar, Cross-Hatch, Color Dot and Marker Generator combination. A versatile all-inclusive Generator which provides all the outputs for servicing A.M./F.M. Radio, Amplifiers, Black and White TV and Color TV. 10"x16"x14 1/4". Shpg. wt., 13 lbs.

MODEL TV-50 GenometerNet 46.55

B & K 400 PICTURE TUBE REJUVENATOR TESTER

● NOT ONLY TESTS BUT REPAIRS TOO!

Now it's easy to save thousands of weak and inoperative TV picture tubes. Designed expressly for the service man's use—either in the shop or the customer's home. Quickly and accurately checks any make or model of TV picture tube, and instantly determines if tube is good or bad. All this can be accomplished without removing the tube from the set. It tests for emission, inter-element shorts, leakage, open circuits, grid cut-off, gas content and probable useful life. The model 400 will repair up to 80% of the troubles which arise. It restores emission and brightness, removes shorts, repairs open circuits, etc. No need to remove picture tube from set when making repairs. Maroon leatherette-covered plywood carrying case. Size: 5" x 7 1/4" x 1 1/2" 3/4". Plastic meter For 110-120 volt 50 cycles. Shpg. wt., 5 lbs.

B&K 400Net 58.75
B & K C40 — Adapts Model 400 for testing and rejuvenating Color TV and 110" picture tubes. Net9.75

PHAOSTROTRON 555A VOM

● 43 UNDUPLICATED RANGES ● PROTECTED UP TO 1,000 TIMES OVERLOAD

This expertly designed multimeter has double magnetic shielding for extreme accuracy. Features 4 large easy-to-read color scales on a 4 1/4" scale; meter movement protection up to 1000 times overload; separate Range and Function switches; only 2 test lead jacks for simplicity; 3% DC, 4% AC permanent accuracy. Sensitivity: 20,000 ohms per volt DC; 2000 ohms per volt AC. AC current ranges: 0-1.5-5-15-50-150-500-1500 ma. and 0-15 amps. DC current ranges: 0-30-150-500 microamps, 0-1.5-5-15-50-150-500-1500 ma. and 0-15 amps. Resistance: 0-1000-100,000 ohms; 0-1-10 megohms. AC and DC Volts: 0-1.5-5-50-500-1500. 6 db ranges. "Transit" switch position for meter movement protection during transportation. Metal case with die cast bezel. 6 1/4"x4 1/2"x2 1/4". Shpg. wt., 5 lbs.

MODEL 555ANET 44.05
Genuine Leather Carrying Case for 555A.....NET 7.79
PHAOSTROTRON MODEL 666—Deluxe VOM features overload fusing and signal light, and handsome leather carrying case. 3 1/2"x6 1/2"x7 1/4". With probe, power cord and batteries. Shpg. wt., 5 lbs.NET 63.21
PHAOSTROTRON MODEL 777—NEW V.T.V.M.—Complete with leather case. Shpg. wt., 8 lbs.NET 73.45

TRIPLETT 3413-B TUBE TESTER

Latest model tube tester provides conclusive tests of all receiving tubes, gaseous rectifiers, and new series filament tubes (with adapter) for quality, inter-element shorts or leakage. Neon short test shows slightest inter-element short or leakage while cathodes are hot. New 3-position lever switches for complete control of each tube element. Provides short and continuity test for resistors, ballast tubes, pilot lamps, appliances, etc. Full range of filament voltages from .83 to 110 volts in 19 steps. Big 6" Red Dot lifetime guarantee meter. Speed-Roll tube chart. Complete in counter-portable metal case with removable hinged cover; baked-on black enamel finish. 115 Volts, 50-60 cycle, A.C., 15-11/32" x 11-1/32" x 8 1/4". Shpg. wt., 22 lbs.

MODEL 3413-BNET 77.91

BV ADAPTER—FOR TV PICTURE TUBE AND CRT TESTS TV PICTURE TUBE ADAPTER

Check picture tubes right in set or carton. Can be used with Triplet Models 3413-B, 3423, 2413, 3212, 3413 and 3413-A. Shpg. wt., 2 lbs.

TRIPLETT T-2247-BVNET 5.29

RCA WV-98A NEW SR. VOLTOHMYST

The new Senior VoltOhmyst features a large, 6 1/4" easy-to-read, wide-vision meter; expanded meter scale with separate peak-to-peak scales; 3% accuracy full-scale on both AC and DC; sturdy, single unit streamlined probe with built-in DC/AC Ohms switch; ruggedized die-cast aluminum case. DC VOLTS—7 ranges: 0, 1.5, 5, 15, 50, 150, 500, 1500, 11 megohms input resistance; AC VOLTS—14 ranges: Peak-to-peak 0, 1, 14, 42, 140, 420, 1400, 4200 Volts. RMS (for sine waves) 0, 1.5, 5, 15, 50, 150, 500, 1500 Volts; Ohms—7 ranges: 0-1000 megohm. Frequency response with WG-299A probe set to AC—OHMS: 1.5, 5, 15, 50, 150, 500 volt ranges flat from 30 cps to 3 Mc for voltage source having 100 ohm impedance, or lower. 1500 volts maximum—DC and AC input voltage. For 105-125 volts, 50/60 cps. Blue-gray hammeroid case with satin-aluminum panel. 6 1/2" x 7" x 3 1/2". Complete with battery, tubes, new DC/AC—Ohms switch probe WG-299A, shielded cable and instruction booklet. Shpg. wt., 7 lbs.

MODEL WV-98ANet 79.50

SIMPSON 260 VOM

This VOM features extreme versatility, accuracy and ruggedness. Current consumption is practically negligible. Molded bakelite subpanel assembly has separate pockets for multipliers, providing maximum strength and added insulation. DC sensitivity of 20,000 ohms/volt. Reads as low as 2 microamps and 1/2 ohm, and as high as 10 amps and 20 megs. 4 1/2" meter. AC sensitivity, 1000 ohms/volt. Ranges: AC, DC and output volts, 0-2.5-10-50-250-1000; to 5000 volts on AC and DC only. DC current, 0-100 microamps, 0-10-100-500 ma and 0-10 amps; resistance, 0-2000-200,000 ohms and 0-20 megs. Db, —12 to +35 in 5 ranges. Molded bakelite case, 5 1/2"x7 1/2"x3 1/4". With batteries and leads. Shpg. wt. 5 lbs.NET 43.07

Na. 1818 Cowhide Case. Carrying case for above. 1 lb. Model 260RT—As above but with "roll top" case. NET 48.95
No. 0007HV Probe. Extends DC range to 25,000 volts. Wt., 8 oz.NET 9.75

TRIPLETT 630 MULTITESTER

Dual, high sensitivity multitester: 20,000 ohms/volt DC, 5000 ohms/volt AC. DC and AC volt ranges: 0-3/12/60/300/1200/6000. DC current: 0-60 microamps; 0-1.2/12/120 ma.; 0-12 amps. Resistance: 0-1000/10,000 ohms; 0-1 meg/100 meg with center scales of 4.4/44/440,000/440,000 ohms. Six direct reading db ranges from —30 to +70. Capacitor in series with AC volt ranges. Single rotary switch. Black molded plastic case. 3-7/32" x 5 1/4" x 7 1/4". Complete with batteries and test leads.

Triplet Model 630—Shpg. wt., 6 lbs.43.61

TRIPLETT MODEL 630-A—Same as Model 630 except has long, mirrored scales that eliminate parallax in readings, and special 3 1/2% resistors for greater accuracy.

MODEL 630-ANET 53.41
MODEL 639—Leather carrying case for 630, 630A, 630NA, ESOT, 631NET 9.21

HICKOK MODEL 455 VOM

● 20,000 OHMS PER VOLT DC AND AC

● YOU CAN'T BURN IT OUT

New streamlined design with wide vision non-breakable lucite face. Single Function-and-Range selector switch. Ranges: Volts—3, 12, 30, 120, 600, 1200 volts AC and DC; 0 to 100 megohms in 4 ranges; Current: 30 Ua; 1, 10, 100, 1000 Ma, 10 Amp. 8 1/2" L, 5 1/2" W, Height tapers from 3" to 1 1/2". Shpg. wt., 5 lbs.

MODEL 455Net 65.17

precise Easy-to-Build TEST EQUIPMENT KITS



PRECISE POWER-LAB

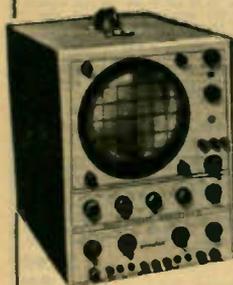
- ONE INSTRUMENT TAKES THE PLACE OF MORE THAN 11 POWER SUPPLIES!

A Battery Eliminator and charger, AC Line Voltage Meter, High Current Line Voltage Variac, AC Line Ammeter, AC Line Watt-meter, AC Line Isolation Transformer, Low Voltage-High Current-AC Supply, AC Bias Box, DC Line Voltage Variable Supply, and DC High Current Ammeter. Constant power source for servicing auto radios and transistor sets. Can vary voltage output to check TV sets for imminent breakdown — thus avoiding call-backs. AC-DC converter, High AC (With isolation): 90-140V, 1 amp, 100 watts continuous; 90-140V, 3 amps, 300 watts continuous. HIGH DC: 110-180V, .075 amp continuous, 1 amp max. 12" x 8 1/2" x 5 1/4". For 110-120V; 60 cycle AC.

MODEL 711K (100 watts of isolation) Kit — Shpg. Wt., 15 lbs.	Net 49.95
MODEL 711W Same as above, but factory-wired	Net 64.95
MODEL 713K (300 watts of isolation) Kit — Shpg. Wt., 22 lbs.	Net 62.95

PRECISE MODEL 300 BK 7" SCOPE KIT

- FOR COLOR AND BLACK AND WHITE
- SUPER-VALUE — LABORATORY PRECISION!



An expertly engineered 7" scope kit. Vertical-flat ± 3 db through 5 megacycles with sensitivity of 10 millivolts. Bridge type positioning on vertical and horizontal does not vary tube characteristics. Frequency compensated vertical and horizontal stepping attenuators. Push-pull DC amplifiers; push-pull horizontal out. Five way binding posts for easy hookup. Internal and external Blanking through Blanking amplifier circuit. Linear sweep from 1 cycle to 80 kc. Electronic magnifier circuit allows any part of a signal to be magnified up to ten times (equal to 70 inches of horizontal deflection). Internal square wave calibrator and potentiometer for using scope as a VTVM on Peak to Peak measurements. Edge-illuminated filtered calibration screen — can be turned on or off. Astigmatic focus and intensity control. Has 5 outputs on front panel — Plus Gate, Sawtooth, 60 cycle phasing, 60 cycle unphased, Calibration. High quality, low loss components throughout. Deeply etched aluminum panel; steel cabinet 11" x 14" x 17". Complete with all parts and instruction book. For 110-120 volts, 60 cycle AC. Shpg. wt., 35 lbs.

MODEL 300BK — KIT, complete	Net 99.95
MODEL 300BW — Factory wired	Net 199.50

PRECISE MODEL 116K TUBE AND TRANSISTOR TESTER KIT

- ULTRAFAST, FOOLPROOF TRANSDUCANCE AND EMISSION TESTER



Model 116 makes tube testing foolproof by checking mutual conductance, emission, gas and element shorting with incomparable speed and accuracy. Actually checks 5 similar tubes in 20 seconds — 4 seconds per tube! Function switch facilitates checking individual sections of multisection tubes. By testing a power tube for emission and an IF tube for mutual conductance, etc., you get a true indication of how good the tube will be in the job it will normally have to perform. Only 3 basic knobs. Cover chart lists all tubes including new 600 ma. series-string types. Checks P-N-P & N-P-N transistors. Attractive, rugged moleskin covered wood carrying case, etched panel with easy, step-by-step instructions. 7 1/2" x 16 1/2" x 14 1/2". For 110-120 volts, 60 cycles AC. Shpg. Wt., 20 lbs.

Model 116K — Kit, complete	Net 69.95
Model 116W — Factory wired	Net 119.95

PRECISE 8 1/2" OSCILLOSCOPE KIT MODEL 308K

- THE PROFESSIONAL'S WIDE-BAND SCOPE
- EASY TO OBSERVE EVEN THE SHARPEST PULSE!



A super scope kit for the laboratory and shop designed with the largest cathode ray tube available in the commercial field. Magnifier positioner permits extremely accurate waveform analysis. Vertical section has features found only in the most expensive and custom made scopes; Push-Pull inputs for internally mixing two signals or observing push-pull waveforms; Frequency-compensated Stepping Attenuator; Bandwidth from DC through 5 mc within $\pm 1 1/2$ db. Sensitivity 10 mv/inch; Bridge-type positioning; Return trace eliminator; External, internal positive or negative sync; Linear sweep from 1 cycle to 80 kc; Square-wave calibrator and pot. for using scope as Peak to Peak VTVM; Edge-illuminated scale and green filtered screen. Special low loss components. Steel cabinet with deeply etched aluminum panel and reinforced chassis construction. Complete with instruction book and all components. 11" x 14" x 19". Shpg. wt., 36 lbs.

MODEL 308K — KIT, complete	Net 129.50
MODEL 308W — Factory wired	Net 229.50

PRECISE PROBES

MODEL 999 HIGH VOLTAGE PROBE: Changeable tips, shockproof, multi-insulation, swivel mount. Wired only	6.98
MODEL 912 R.F. PROBE: RMS readings thru 250 mc; For VTVM's, VOM's and Scopes. Wired only	4.25
MODEL 960 — 10 to 1 CAPACITY ATTENUATOR PROBE: Thru 100 mc; Less than 7 mmfd input. Wired only	5.95



PRECISE MODEL 111K TUBE TESTER KIT

- THE ONLY TUBE TESTER BELOW \$950.00 THAT CHECKS TUBES THE WAY THEY'RE TESTED AT THE FACTORY!
- CHECKS FOR BOTH EMISSION AND MUTUAL CONDUCTANCE — TWO TESTERS IN ONE!

A truly outstanding engineering achievement in a tube tester kit! The specialized tube gets tested for its specialty as well as generally. Latest type ontl-backlash roll chart indicates the most important single test for normal applications. Tests all receiving and cathode ray tubes for both emission and mutual conductance. Filament current and tube bias of conventional and series filament tubes are measured directly on the meter. Features rotary type switches to cover all tube elements, gas check, and ultra-convenient single switch short check. Has space switch for future tube types. Rugged steel cabinet with deeply etched aluminum panel. 3-color, step-by-step instruction manual. For 110-120V, 60 cycle AC. 14" x 16" x 6". Shpg. wt., 25 lbs.

MODEL 111K — KIT, complete with cover	Net 79.95
MODEL 111W — Factory wired	Net 139.95
CRT ADAPTOR — PTA-K — Kit	Net 2.95
PTA-W — Factory Wired	Net 4.25

PRECISE MODEL 909 VACUUM TUBE VOLTMETER

- BURN-OUT PROOF CIRCUIT
- SPECIAL TRUE ZERO ALIGNMENT SCALE FOR FM & TV DISCRIMINATORS

A true Precise achievement with every part, no matter how small, the right part for the job. Features 1% or better ceramic precision resistors; special, separate 5 Volt AC scale for accuracy on low voltages; 25 megohm input impedance on DC. Ranges: +DC 0-5-25-250-500-1000 Volts; -DC 0-5-25-250-500-1000 Volts; Ohms R₁-R₁₀-R₁₀₀-R₁₀₀₀-R₁₀₀₀₀-R₁₀₀₀₀₀ Ohms; from .2 Ohms to 1 Billion Ohms; from -20 to +55 DB. Uses 6SN7, 6AL5, 6X5. Extra large 4 1/2" meter. Up to 250 megacycle range with Model 912 Probe; up to 30,000 Volts with Model 999 High Voltage Probe. Attractive steel cabinet with deeply etched panel. Complete with test leads, internal battery, and specially prepared 3 color SPEED instruction books that explain each step. For 105-120 Volt; 50-60 cycles, AC. 9 1/2" x 6" x 5"; Shpg. wt., 10 lbs.

MODEL 909K — KIT, complete	Net 25.98
MODEL 909W — Factory wired	Net 37.50

PRECISE MODEL 630-KA RF-AF-TV MARKER GENERATOR KIT

- 110 Mc on FUNDAMENTALS, 330 Mc on HARMONICS!
- PRECISION ENGINEERED FOR TV, AM and FM ALIGNMENT
- WITH FACTORY PREASSEMBLED AND CALIBRATED RF HEAD



Features Wien Bridge AF oscillator; Colpitts RF oscillator; audio of 20-20,000 cycles; cathode follower output; stepping attenuator; external modulation; speech amplifier; crystal marker; pre-tuned RF head; crystal amplitude control; RF and AF stand-by; separate RF section; constant output impedance. Other features include vernier tuning an RF and AF, individually tuned coils, and complete shielding. Deeply etched alum. panel; wrinkle steel cabinet with genuine leather handle. For 110-120 volts, 60 cycle AC. 8" x 11" x 5". Shpg. wt., 11 lbs.

MODEL 630KA — KIT, complete	Net 38.95
MODEL 630W — Factory wired	Net 53.95

MODEL 630K — Kit, complete. Same as Model 630KA except RF head not preassembled nor calibrated. Net 33.95

MODEL 713W. Same as above, but factory-wired. Net 79.95

YOUR EICO KIT ...LIFETIME SERVICE..LAB PRECISION..LOWEST COST

NEW DC WIDE BAND EICO MODEL 460K 5" OSCILLOSCOPE

COLOR AND MONOCHROME LABORATORY AND TV SERVICE SCOPE LIFETIME GUARANTEE! • 3 MC BANDWIDTH AND DC AMPLIFIERS!
Flat from DC to 4.5 mc for reproduction of 3.58 mc sync burst and oscillator signals in color TV sets. Vertical amplifier direct-coupled and push-pull throughout. Cathode follower between stages. High vertical sensitivity - 25 millivolts per inch. Balanced or unbalanced inputs. Four step frequency-compensated attenuator in both AC and DC positions. Accurate direct peak-to-peak voltage measurement. Automatic sync limiter and amplifier-wave forms automatically synchronized. Pre-set TV V and H sweep positions (330 cps and 7875 cps). Edge-lit lucite graph 5 in. screen with dimmer control. Controls on clearly visible deep etched anti-finish front panel. Can be built at home without special equipment or special knowledge. Truly an unmatched engineering achievement for your test bench! Size: 13" W x 8 1/2" H x 16" D. Shpg. wt., 30 lbs.
MODEL 460K - Oscilloscope Kit Net **79.95**
MODEL 460K - As above, but factory wired. Net **129.50**

MODEL 425K 5" OSCILLOSCOPE

New, improved laboratory precision oscilloscope kit, engineered to give you extra sensitivity and range features needed for fast, precise servicing of TV, FM and AM receivers. Has push-pull deflection and .05 to .1 Rms volt/inch sensitivity. Wide range, flat from 5 cps to 500 kc with full gain settings, useful to 2.5 mc. Wide range multiplier sweep circuit from 15 to 75,000 cps. Direct connection to plates of cathode-ray tube available at rear of cabinet. Z axis intensity modulation. Tubes: 3-6SN7, 2-6J5, 2-6X3, 5BP1 CRT. For 110-120V., 60 cycles AC. Supplied complete with tubes, control steel cabinet, etched panel, parts, wire, schematic and pictorial diagrams. Size 8 1/2"x17 1/2" high. Shpg. wt. 29 lbs. Nothing else to buy!
Eico Model 425K Oscilloscope Kit. 44.95
Model 425K - As above, but factory wired. 79.95

MODEL 232K PEAK-TO-PEAK VACUUM TUBE VOLTMETER

- THE NEW LEADER IN PROFESSIONAL PEAK-TO-PEAK VTVMs
- WITH THE SENSATIONAL AC/DC UNI-PROBE!

Measures directly peak-to-peak voltage of complex and sine wave: 0.4, 14, 42, 140, 420, 1400, DC/RMS sine volts; 0.1-5, 1, 10, 50, 150, 500, 1500 (up to 30,000 volts with HVP probe, & 250 mV with PRP probe). Ohms: 2 to 1000 mega. 7 non-skip ranges on every function. Calibration with 4 1/2" meter, can burn-out circuit. Zero center. 4 multipliers. With sensational new AC/DC Uni-Probe that performs all functions. Exceptional stability and accuracy. Size: 8 1/2"x8"x5". Shpg. wt., 7 lbs.

Model 232K - Kit, complete Net **29.95**
Model 232 - As above, but factory wired Net **49.95**

MODEL 360K TV-FM SWEEP SIGNAL GENERATOR

Covers all TV and FM alignment frequencies between 500 kc and 228 mc when used with any standard scope. Sweep width variable from 0-30 mc. Crystal marker oscillator with variable amplitude. Provision for external marker. Phasing control included. Variable dial calibrated in frequencies. Tubes: 1-6X5GT, 1-12AU7, 2-6C4. For 110-120V., 60 cycles AC. Size: 10x8 1/2"x4". Complete with tubes, steel case, etched panel, parts, schematic and pictorial diagrams. 12 in. crystal. Shpg. wt. 12 lbs.

Eico Model 360K Sweep Signal Generator Kit. 34.95
Model 360 - As above, but factory wired. 49.95

MODEL 320K SIGNAL GENERATOR

For FM, AM alignment and to provide TV marker frequencies. Highly stable Hartley oscillator has range of 150 kc to 102 mc with fundamentals to 36 mc. Choice of unmodulated or 400-cycle AM modulated output. 7 bands. Variable tuning condenser. Supplied complete with tubes, portable steel case, panel, parts, schematic and pictorial diagrams. Size: 10x8 1/2"x4". For 110-120V., 60 cycles AC. Shpg. wt. 10 lbs.

Eico Model 320K Signal Generator Kit. 19.95

Model 320 - As above, but factory wired. 29.95

Model 322K - Similar Kit to Model 320K except with individual calibration of each of its 5 bands. 22.95

Model 322 - Same as Model 322K except factory wired. 34.95

MODEL 315K DELUXE SIGNAL GENERATOR

Range 75 kc to 150 mc on 7 calibrated bands. Accuracy better than 1%, stabilized by VR power supply circuit. Supplies RF modulated 100 RF AF. 4-step RF output multiplier, constant output impedance. 400-cycle sine wave modulation. Bandspread, vernier tuning; illuminated dial. Tubes: 6C4, 7BT, 6X5, 6R-150. For 105-130V., 60 cycles AC. Size: 12x13 1/2". Supplied with tubes, steel case, parts, schematic and pictorial diagrams. Shpg. wt. 20 lbs.

Eico Model 315K Signal Generator Kit. 39.95

Model 315 - As above, but factory wired. 59.95

EICO MODEL 324K RF SIGNAL GENERATOR

• New one generator covers whole range of 150 kilocycles to 435 megacycles!

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. 400 Mc. range audio testing. Range: 150 kc-145 mc. 145 mc. fundamental; 111-435 mc. on calibrated harmonics. ± 1.5% frequency accuracy. Variable depth of internal modulation 0.50% by 400 cps. Colpitts oscillator. Variable gain external modulation amplifier; approx. 3 volts for 30% modulation. Turret-mounted, slug-tuned coils. RF output 100,000 microratons, AF output up to 10 volts. Size: 8 1/2"x10 1/2"x4 1/2". Shpg. wt. 10 lbs. For 105-125 V. AC 50/60 cps.

Model 324K - Kit, complete Net **26.95**

Model 324 - Factory wired and tested Net **39.95**

MODEL 147K DeLUXE MULTI-SIGNAL TRACER

Unsurpassed facilities for RF/IF/audio signal tracing and trouble shooting: AM/FM/TV sets. Simultaneously observe 2 patterns on 1 scope; compare voltage and current amplitudes, waveforms, frequencies and phase relationships; set up voltage reference level, etc. Separate high gain RF and low gain audio input channels. Magic eye monitors both channels in addition to speaker for signal strength and gain per stage. Continuously variable switching rates from 10 to 2000 cps. With shielded RF demodulator and audio probes. For 105-125 V. AC. 50/60 cps. 25 watts. Size 6"x8"x6". Shpg. wt., 7 lbs.

Eico Model 147K Deluxe Multi-Signal Tracer Kit Net **34.95**

Model 147 De-Luxe - Above, but factory wired. Net **39.95**

MODEL 221 VACUUM TUBE VOLTMETER

Versatile top-quality laboratory-precision VTVM for trigger-fast operation and lifetime dependable service. 15 different ranges. Large rugged 4 1/2" meter, can't burn-out circuit. New zero center for TV & FM discriminator alignment. Electronic AC & DC ranges: 0-5, 10, 100, 500, 1000 V., (30,000 volts and 200 MC with HVP-1 and P-75 probes). Ohmmeter ranges 2 ohms to 1000 mega. DB scale. New stable double triode balanced bridge circuit - extreme accuracy. 26 meg. DC input impedance. Attractive 3-color etched rubberproof panel; rugged steel case. 115 v., 60 cycle AC. 9-1/16" x 6" x 5". Shipping Weight, 10 lbs. Includes all parts and tubes.

Eico Model 221-K - Kit complete. Net **25.95**

Eico Model 221 - Factory wired. Net **39.95**

Carrying Case for Model 221 VTVM - Black leatherette case for portability and protection. Zipper top and inside pocket for leads. Shpg. wt., 3 lbs. Net **3.95**

EICO MODEL 377K SINE & SQUARE WAVE AUDIO GENERATOR

- AN EXCELLENTLY DESIGNED GENERATOR THAT REPLACES TWO SEPARATE INSTRUMENTS FOR LESS THAN THE PRICE OF ONE!

Wien Bridge tuning circuit: 1% resistors and 4-gang condenser. Frequency range: Sine wave, 20-200,000 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: 0.4%. Duty cycle: 50% across 1000 ohm rated load (100 mw). Size: 7 1/2"x11 1/2"x7 1/2". Shpg. wt., 14 lbs.

Model 377K - Kit, complete Net **31.95**

Model 377 - As above, but factory wired and tested. Net **49.95**

EICO FLYBACK TRANSFORMER & Yoke TESTER

Positive check of all types flyback 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 all core and iron core flybacks for accurate testing of all types. Checks any inductance whose impedance is no less than 100 ohms. Must need 4 1/2" meter. 3 separate colored scales. True continuity of yokes, rolls, speakers, switches, etc. New compact size for extra easy portability (7" x 5" x 4"). Smart professional styling - New satin finish etched panel with contrasting knobs and meter and grey wrinkle steel case. Kit comes complete with easy-to-follow instructions.

EICO Model 844-K - Kit Complete Net **23.95**

EICO Model 844 - As above, but factory wired. Net **34.95**

MODEL 625K TUBE TESTER

Features lever-action switches for testing each tube element. Tests all standard AM, FM and TV tubes including 9-pin miniature, VR, magic eye and pilot bulbs. Large, 4 1/2" meter has colored markings to indicate condition of tube. Illuminated roll chart shows tube test settings at a glance. Has two leads with grid-clip connectors. Also tests for shorts and open elements. Protective overvoltage pilot bulb. Built-in power supply. For 115V. 60 cycles AC. Supplied with portable steel case, etched panel, parts, etc. Size: 12 1/2"x10 1/2"x4 1/2". Shpg. wt. 13 lbs.

Eico Model 625K Tube Tester Kit 34.95

Model 625 - As above, but factory wired. 49.95

PICTURE TUBE ADAPTER

Model 878A. Adapts 625 and 666 Tube Testers for checking all sizes of TV picture tubes. Measures cathode emission; tests for filament continuity and screen elements. Complete with standard 12-pin socket, metal plug-in connector and 4-ft. cable to permit testing tube without removal from set. Shpg. wt. 2 lbs.

MODEL 878A ADAPTER Net **4.50**

MODEL 950 BK R.C. BRIDGE & R-C-L COMPARATOR

- EXCELLENT VALUE, HIGHLY DEPENDABLE!

Latest bridge-type instrument directly reads 0.5 ohms - 500 mega resistance (4 ranges), 10 mfd - 5000 mfd capacitance (4 ranges), and power factor. Kit includes precision calibrating resistor. Unique comparator range for R-C & L comparison measurement against external standard. Leakage testing of all capacitors at rated dc voltage with internal 0.5-500 ohm range. Electron-ray tube as both bridge balance and capacitor indicator. Attractive, durable case, neat easy-to-read characters. Size: 8" x 10" x 4 1/2". Shpg. wt., 8 lbs.

Model 950BK - Kit complete Net **19.95**

Model 950B - As above, but factory wired Net **29.95**

EICO MODEL 1050 BATTERY ELIMINATOR AND CHARGER

Battery eliminator for bench testing and servicing 6V or 12V car radios. Charger for 6V or 12V batteries. DC output: 0.8V or 0.16V; 6V 12V logic switch. Current rating at 0.8V: 10A continuous; 20A intermittent. Current rating at 0.16V: 6A continuous; 12A intermittent. Continuous voltage adjustment with Varic-type transformer. Separable and ammeter. Automatic primary, automatic reset overload relay for secondary. Input: 105-125 V AC; 50-60 cps. Power: 150 watts. Rugged blue-gray hammer-tone steel cabinet; may be wall mounted. Overall dimensions: 10 1/2" x 7 1/2" x 9 1/2". Wt. 15 lbs.

MODEL 1050 KIT Net **29.95**

Model 1050 - As above, but factory wired and tested. Net **39.95**

MODEL 1055K BATTERY ELIMINATOR ACCESSORY FILTER

Supplies additional filtering for output of Eico 1050 6V and 12V Battery Eliminator, or similar unit, required for powering 6 or 12 Volt transistor, tube and "hybrid" (tube plus transistor) automobile radios. 3" W x 5" H x 5 1/2" D. Shpg. Wt., 8 lbs.

Model 1055 Kit Net **11.95**

Model 1055 Factory Wired Net **15.95**

MODEL 1060K BATTERY ELIMINATOR & CHARGER

Extra filtered 6V and 12V battery eliminator and charger for transistor, tube or "hybrid" automobile radios. Also charges 6 or 12 volt storage batteries, etc. 8 3/4" H x 10 1/2" W x 7 3/8" D. Shpg. Wt., 21 lbs.

Model 1060 Kit NOT ILLUSTRATED Net **38.95**

Model 1060 Factory Wired Net **47.95**



PROBES	DESCRIPTION	RM	Net	Wired	Net
	Scope Demodulator Probe	PSDK	3.75	PSD	5.75
	Scope Direct Probe	PDK	3.75	PD	3.95
	Scope Low Capacity Probe	PLCK	3.75	PLC	5.75
	Peak-to-peak Probe for 3 Scope Probes		9.95		14.95
	11 megohm VTVM	FTPIIK	4.95	FTP-11	6.95
	Peak-to-peak probe for 25 megohm VTVM	PTP25K	4.95	PTP-25	6.95
	R.F. Probe for 11 megohm VTVM	PRF11K	3.75	PRF-11	4.95
	R.F. Probe for 25 megohm VTVM	PRF25K	3.75	PRF-25	4.95
	30 KV H.V. Probe (Wired only)	HVP-10	6.95		6.95
	[30 KV H.V. Probe (Wired only)]	HVP-21	4.95		4.95

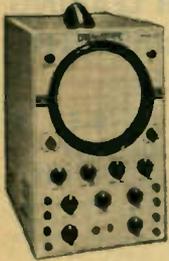
UNI-PROBE

New Uni-Probe, a half-turn of probe-tip selects VTVM DC or AC-OHMS.
Eico Model 232K Kit Net **4.95**
Uni-Probe - Factory wired Net **6.95**

*Specify make and model of instrument.
†For all VTVM or 20,000 ohm/volt V.O.M.

EICO TEST EQUIPMENT Build Your Own Test Equipment & Save

7" PUSH-PULL OSCILLOSCOPE MODEL 470



DeLuxe TV servicing scope that sets a new high for sensitivity at wide bandwidth! Vertical: flat ± 2 db 10 cps—1 mc, .01 rms v/in. Horizontal: flat 10 cps—200 kc, —4 db at 500 kc; 3 rms v/in. Sweep: 15 cps—100 kc, 3 db at 500 kc; 3 rms v/in. Return trace blanking and step freq.-compensated attenuator. K-follower inputs and push-pull outputs in both amplifiers. Internal voltage, variable phasing of 60 cps sine sweep, internal voltage calibrator, direct connection to CRT plates; int. mod. age calibrator, from sweep oscillator and 60 cps outputs. input, sawtooth from sweep oscillator and 60 cps outputs. Satin finish deep-etched aluminum panel. Size: 16" H, 10" W, 15" D. Shpg. wt.: 32 lbs.

MODEL 470 K — Kit Net 79.95
MODEL 470 — Factory Wired Net 129.50

MODEL 495 OSCILLOSCOPE VOLTAGE CALIBRATOR

- FOR COLOR AND MONOCHROME TV SERVICING



Makes your scope an accurate, wide-range, peak-to-peak AC electronic voltmeter! Enables p-p voltage measurement of complex TV sweep waveforms displayed on scope, calibration of vert. and attenuated by a calibrated smooth attenuator and a 4-step decade attenuator composed of 1% resistors. Output variable from zero on every range with full-scale readings of 0.1, 1, 10, and 100 volts p-p. Accuracy $\pm 5\%$ of full scale on each range VR tube regulated power supply makes accuracy independent of line voltage variation. Lifetime deep-etched aluminum panel. Size: 5" H, 7 1/2" W, 4" D. Shpg. Wt., 4 lbs.

MODEL 495K — Kit Net 12.95
MODEL 495 — Factory Wired Net 17.95

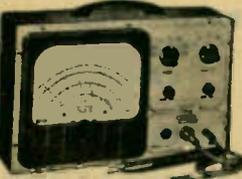
BAR GENERATOR MODEL 352



Reliable, accurate, portable, easy-to-use—a wonderful time-saver! Operates on channels 2-6, 16-23 vertical bars (int. adj.) to check HOR. linearity, vertical bars (panel adj.) to check VERT. linearity. Shows picture size and V & H sync circuit linearity. Output: 400,000 v. Connects to antenna terminals of any set with special antenna clip. Entirely independent of station-transmitted signals. Very useful for TV service work when all stations are off the air. Satin-finish deep-etched aluminum panel. Size: 7 1/2" W, 5" H, 4 1/2" D. Shpg. wt., 8 lbs.

MODEL 352K — Kit Net 14.95
MODEL 352 — Factory Wired Net 19.95

DeLUXE PEAK-TO-PEAK VTVM MODEL 249



- 7 1/2" METER AND DUAL PURPOSE AC/DC UNI-PROBE
- FOR COLOR AND MONOCHROME TV SERVICING

All the outstanding and exclusive features of Model 232 — plus the extra convenience and readability of its big 7 1/2" meter instrument. An ideal bench instrument. Smart professional styling — satin finish etched aluminum panel, grey wrinkle steel case. Requires 105-125 volts AC, 50/60 cps, 5 watts. Dimensions: 8 1/2" H, 13" W, 5" D. Shpg. wt., 9 lbs.

MODEL 249K — Kit Net 39.95
MODEL 249 — Factory Wired Net 59.95

RESISTANCE DECADE BOX MODEL 1171

Exceptionally accurate wide-range versatile instrument. 0-99,999 ohms in 1-ohm steps with 5 decades 1/2% accuracy at any setting. Comparator position permits instant substitution of actual equivalent component of the resistance value indicated on the box. Smart professional styling — satin finish deep-etched aluminum panel, grey wrinkle steel case. Size: 12" L, 3 1/2" W, 3" D. Shpg. wt., 3 lbs.

MODEL 1171K — Kit Net 19.95
MODEL 1171 — Factory Wired Net 24.95



RETMA RESISTANCE SUBSTITUTION BOX MODEL 1100

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 convenient 5-way jack-top binding posts. Hand-some satin aluminum front panel. Size: 3 3/4" H, 6 1/2" W, 3 1/2" D. Shpg. wt., 2 lbs.

MODEL 1100K — Kit Net 5.95
MODEL 1100 — Factory Wired Net 9.95

CAPACITANCE DECADE BOX MODEL 1180

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 0.11 MF in steps of 100 MMF. Positive detent ceramic wafer switches, silver plated contacts. Satin-finish deep-etched aluminum panel, grey wrinkle steel case. Size: 9" L, 3 1/2" W, 3 1/2" D. Shpg. wt., 3 lbs.

MODEL 1180K — Kit Net 14.95
MODEL 1180 — Factory Wired Net 19.95

BATTERY TESTER MODEL 584

Accurately tests all A and B portable radio batteries in or out of receiver. Tests internal batteries and others. Provides true dynamic tests by checking battery terminal voltages simulating conditions of actual operation. Test Positions (Volts): 1.5, 4.5, 6.0, 7.5, 9.0, 22.5, 45, 67.5, 75, 90, plus Spare Position. Size: 6 1/4" H, 3 3/4" W, 2" D. Shpg. wt., 2 lbs.

MODEL 584K — Kit Net 9.95
MODEL 584 — Factory Wired Net 12.95



5 MC CRYSTAL 4.5 MC CRYSTAL

#C-5 #C-4.5

Designed for all generators and oscillators, these highest quality crystals accommodate all standard sockets and circuits and give excellent performance with EICO Model 360 TV-FM Sweep Generator.

No. C-5 Net 3.95
No. C-4.5 Net 3.95

RETMA CAPACITANCE SUBSTITUTION BOX MODEL 1120

Enables rapid substitution of a 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 capacitors rated approx. 600 volts.

Satin-finish aluminum panel. Size: 3 3/4" H, 6 1/2" W, 3 1/2" D. Shpg. wt., 2 lbs.

MODEL 1120K — Kit Net 5.95
MODEL 1120 — Factory Wired Net 9.95

EICO MODEL 488 ELECTRONIC SWITCH

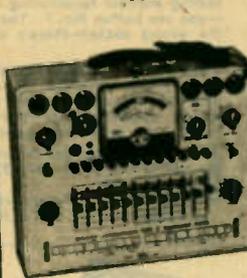
- MAKES ONE SCOPE MORE USEFUL THAN 2 IN MANY CASES!



Permits simultaneous observation of 2 patterns on the screen of a single oscilloscope. Amplitudes of the 2 patterns are separately adjustable by individual gain controls in each input channel. Patterns may be superimposed or separated by desired amount with positioning control. For direct comparison of voltage and current amplitudes, waveforms, frequency and phase relationships; establishing an always visible voltage reference level (when used with voltage calibrator); setting a zero base line; checking amplifier distortion and cross-over networks; for study of polyphase power systems and equipment. Excellent as square wave generator with a continuously variable frequency range from less than 10 cps to over 2000 cps. Satin-finish deep-etched aluminum panel.

MODEL 488K — Kit Net 23.95
MODEL 488 — Factory Wired Net 39.95

NEW! DYNAMIC CONDUCTANCE TUBE AND TRANSISTOR TESTER MODEL 666



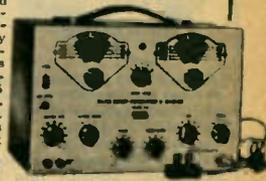
An ideal tube tester for color and monochrome TV servicing. Tests all receiving tubes under simulated operating conditions, including 4, 5, 6, 7-pin, octal, octal, miniature 7 and 9-pin, subminiature 5, 6, 7-pin (in-line base) and 8-pin (circular base) receiving tubes, transmitting and special-purpose tubes, VR, cold-cathode rectifiers, magic eye and ballast tubes. Tests color and black-and-white TV picture tubes with accessory adaptor. Tests p-n-p and n-p-n transistors with recognized dependable procedure. Individual test of multi-section tubes. Up-to-date gear-driven roll chart includes settings for all new series string type tubes. Deep-etched heavy gauge, brushed satin aluminum panel; 4 1/2" x 200mA D'Arsonval meter movement, in clear lucite case; rugged grey wrinkle steel carrying handle for easy matching steel cover and carrying handle for easy portability. For 105-130 volts, AC 50/60 cps. Fused for safety. Size: 12" x 15" x 4 1/2". Shpg. wt., 18 lbs.

MODEL 666K — Kit Net 69.95
MODEL 666 — Factory Wired Net 109.95

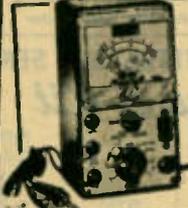
NEW! TV-FM SWEEP GENERATOR AND MARKER MODEL 368

A must for accurate alignment of FM, TV Monochrome and Color sets; all RF, IF and oscillator stages; including alignment of boosters, tuners and other RF circuits. Entirely electronic sweep, 5 ranges, from 3mc to 215mc. Output impedance: 50 ohms. Variable Frequency Marker: 2 ranges 5-75mc in Fundamentals; one range 54 to 225mc in Harmonics. Fixed Frequency Marker: Crystal oscillator using 4.5 mc crystal included with kit. Double pi line isolation filter. Edge-lit hairlines give exceptional tuning accuracy. Operates from 105-125 volts AC, 50/60 cps; 60 watts. Size: 8 3/4" x 13 1/2" x 7 1/4". Shpg. wt., 16 lbs.

MODEL 368K — Kit Net 69.95
MODEL 368 — Factory Wired Net 119.95



NEW! UTILITY TESTER MODEL 540



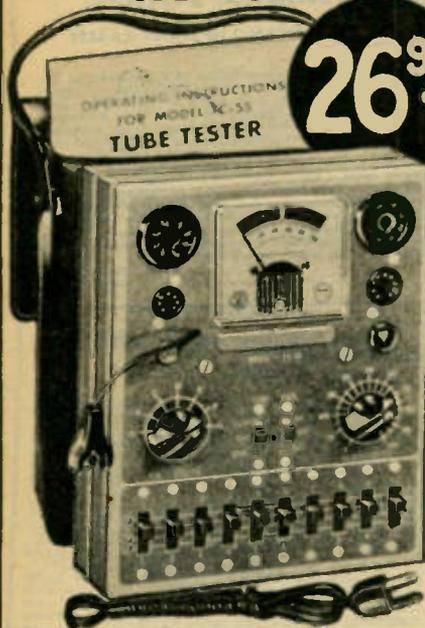
An all-in-one Multi-Range ac/dc voltmeter, ammeter, ohmmeter, wattmeter and leakage checker. Indispensable in home repairs of electrical appliances, and in automotive trouble-shooting of batteries, generators, distributors, etc. 4 ranges from 0-300 volts ac/dc; current range 0-15 amps ac/dc, 3 1/2" meter in clear lucite case. Size: 3 3/4" x 6 1/2" x 3 1/2". Rugged black bakelite case. Shpg. wt., 3 lbs.

MODEL 540K — Kit Net 12.95
MODEL 540 — Factory Wired Net 15.95

TEST EQUIPMENT KITS

A LAFAYETTE SPECIAL TUBE TESTER!

26.⁹⁵



COMPLETELY WIRED NOT-A-KIT

A new streamlined tube tester with a realistic approach to the problem of quickly testing the ever increasing number of tube types. It incorporates new and advanced engineering features and all at a price of about half of even the most ordinary tube tester. Read these Specifications.

"FREE POINT" ELEMENT SELECTOR SWITCHING: Newly designed, it reduces possibility of obscurity to a minimum because any pin may be used as a filament pin and voltage applied between it and any other pin, or even the "top cap". Tubes with tapped filaments or with filaments terminating in more than 1 pin are truly tested.

MULTIPURPOSE TUBES: Special isolating circuit allow each section of multi-purpose tubes to be tested individually as if it were in a separate envelope.

SHORTS AND LEAKAGES: Supersensitive method checks shorts and leakages up to 5 megohm between any and ALL elements; continuity between various sections individually indicated.

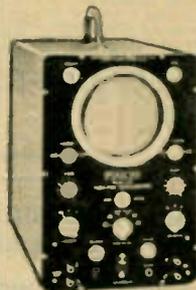
SIMPLICITY: Fast simple operation. The 4 position fast action snap switches are all numbered in exact accord with RMA standards. Thus when testing element terminating in pin No. 7 of a tube—you use button No. 7. You can't insert a tube in the wrong socket—there's one for each type of tube base.

TUBE TYPES: Tests all octal, loctal, 7 pin miniatures, 9 pin miniatures as well as the new noval and Sub-Minar types. Old type sockets used for testing obsolete types—that you rarely see anymore—have been eliminated.

SIZE: A practical size to carry with you as well as for use in the shop—only 8 1/2 x 6 3/4 x 2 1/4" deep. Shpg. Wt. 5 lbs.

MODEL TC-55—complete with carrying case and instructions. 26.95

NEW — PACO TEST EQUIPMENT KITS ENGINEERED THROUGH LEADING ELECTRONIC TEST EQUIPMENT MANUFACTURER



PACO MODEL S-50 5" CATHODE RAY OSCILLOSCOPE KIT

Push-Pull vertical and horizontal amplifiers. High-sensitivity, 1 MC vertical amplifier, ultra-modern printed-circuit amplifier design. Built-in 1 volt peak-to-peak self-calibrator. Efficient, two-color, easy-reading panel. Rugged, louvred steel cabinet, 13 3/4 x 8 3/4 x 17 1/4". Complete with CRT, all parts and instructions. Shpg. wt.; 24 lbs.

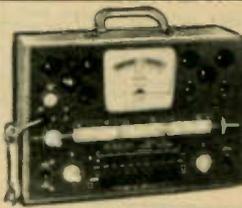
PACO Model S-50 Oscilloscope Kit Net 47.50



PACO MODEL V-70 VACUUM TUBE VOLTMETER 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 7 1/2 x 5 3/4 x 4 1/4". Complete with all parts and instructions. Shpg. wt., 6 lbs.

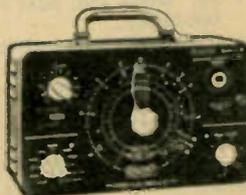
PACO Model V-70 VTVM Kit Net 31.50



PACO MODEL T-60 TUBE TESTER KIT

Tests all AM-FM-TV Tubes including new series, string type Free-point lever element selector system. Extra-large 5" acrylic cased meter by PACE. Illuminated, high speed, brass-gearred, 3 column roll chart. In rugged attractively finished cabinet. Two color panel with contrasting knobs. Size 10 1/2 x 15 1/4 x 4 3/4". Complete with all parts, and step-by-step instructions. Shpg. wt., 10 lbs.

PACO Model T-60 Tube Tester Kit Net 36.70



PACO MODEL C-20 RESISTANCE- CAPACITY- RATIO BRIDGE KIT

Capacity Ranges from 10 mmfd to 2000 mfd. Resistance Ranges from .5 ohms to 200 megohms. Ratio test ranges from .05 to 20. Tests leakage of mica, paper, and electrolytic capacitors. In attractive, ripple finished steel cabinet and easy-reading 2 color panel. Dimensions: 7 x 11 1/2 x 5". Complete with all parts and step-by-step instructions. Shpg. wt., 9 lbs.

PACO Model C-20 R-C Bridge Kit Net 20.95



PACO MODEL B-10 BATTERY ELIMINATOR KIT

Special Low-Ripple output designed to power modern transistor circuits and automobile "hybrid" receivers (tube and transistor). Both 6 and 12 volt outputs. Automatic overload protection. Continuously variable voltage output. Doubles as ideal battery charger. In heavy-duty louvred steel cabinet and two color panel. Dimensions: 7 x 11 1/2 x 6 3/4". Complete with easy step-by-step instructions. Shpg. wt., 21 lbs.

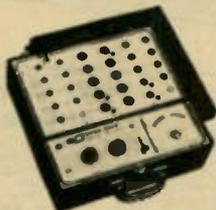
PACO Model B-10 Battery Eliminator Kit Net 41.95

NEW! RCA AUTOMATIC TUBE TESTER MODEL WT-110A

Modern automatic high-speed electron tube tester with gold-plated control-center "brain". Activated by inserting a punched card and by slipping the power lever

into operating position. Quickly gives true indication of tubes serviceability by checking iron-conductance, gas, shorts between elements, balance between sections of twin type tubes. Tests each section of multi-section type tubes with no paralleling of sections. New punched cards available as new tubes come out. Sturdy portable case 7 1/4 x 14 1/2 x 17 1/2". Shpg. wt., 28 lbs.

RCA Model WT-100A Tube Tester Net 199.50



B & K DYNA-QUIK MODEL 500 TUBE TESTER

Fast accurate tube checker tests over 95% of all popular TV tubes, including the new 600 mll series type, for dynamic mutual conductance, shorts, grid emission, gas content, leakage and life expectancy. One switch tests everything! Shows tube condition on "Good-Bad" scale and in Micromhos on large 4 1/2" plastic meter. Tests tubes under dynamic conditions for foolproof detection. Tubes listed on inside of cover — no roll charts, no switching. Information on new tubes supplied regularly. Handsome portable case — 15 1/4 x 14 1/2 x 5 1/4". For 105-125 VAC 60 cycle. Shpg. wt., 15 lbs.

B & K Model 500 Tube Tester Net 107.75

20,000 OHM PER VOLT MULTITESTER SEMI KIT

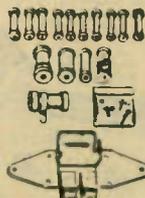
A New Kind of Kit



THE
DIFFICULT
WORK IS
ALREADY
DONE



YOU
WIRE
IN
ONLY
A FEW
PARTS



- 20,000 OHMS PER VOLT DC—5,000 OHMS PER VOLT AC
- 40 MICROAMPERE 3" D'ARSONVAL METER MOVEMENT
- HIGH INPUT RESISTANCE ON ALL DC AND AC RANGES

The semi-kit is a new concept in test equipment kits. The meter, rotary selector switch, ohms adjust control, terminal strips and studs all are already mounted on the front panel, with most of the wire leads from the switch in place with one end free. All that remains to be done is to mount the battery holder and wire in the multipliers and resistors, 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. Ranges: DC VOLTS 0-10, 50, 250 and 1000; AC VOLTS 0-2.5, 10, 250 and 1000; DC CURRENT: 0-100 UA and 250 MA; DC RES: 0-5000—500,000—5 Megohm with center scales of 50, 5000 and 50,000 ohms; DECIBEL: —20 to +10 db and —8 to +22.

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. Black bakelite molded case size 3 3/4" x 4 3/4" x 1 1/4". Complete with test leads, all parts and complete instructions. Shpg. wt. 3 lbs.

TK-20—KIT 11.95
RW-20—WIRED. Same as above, completely factory wired. 17.50

ASTATIC *Electro-Voice* SHURE MICROPHONES



ASTATIC MICROPHONES

METRO 788 DYNAMIC MIKE
Converts from hand to stand to lavaller. Ideal for TV, recording, PA and communications. Omni-directional. DuPont "Mylar" diaphragm. Response: 50-13,000 cps. Hi and low (150 ohms) impedances. Output level: -55 db. On-off switch with "lock-on" position. With 3/8"-27 thread swivel type adaptor for desk or floor stands, and lavaller assembly. 20 ft. cable included. 8 1/4" lang; 1 1/4" d.a. Shpg. wt., 12 ozs.
ASTATIC MODEL 788 Net 46.75

TEMPO 888 DYNAMIC MIKE
Hi-Fi, omni-directional mike for studio and deluxe use. Response: 50-15,000 cps. Quick change from 50 to 200 ohms (balanced) to hi-impedance. Output level: -56 db. Converts from hand to stand to lavaller. With 3/8"-27 thread swivel adaptor, lavaller assembly and 20 ft. cable. 9 1/4" lang; 1-9/32" dia. Shpg. wt., 1 1/2 lbs.
ASTATIC MODEL 888 Net 64.68

VOGUE 988 DYNAMIC MIKE
Beautifully styled, professional, omni-directional mike. Exceptionally flat response from 40-20,000 cps. For broadcast and professional recording. 50-150-250 ohm impedance easily selected. Output level: -58 db. For hand, lavaller or stand use. With swivel adaptor, lavaller assembly and 20 ft. cable. 9-11/32" lang; 1-9/32" dia. Shpg. wt., 1 1/2 lbs.
ASTATIC MODEL 988 Net 88.20

FUTURA A-8 MIKE DESK STAND
Satin black die cast base for 788, 888 and 988 mikes.
ASTATIC MODEL A-8—Stand Net 4.85

JT-30 CRYSTAL MIKE
Specially designed high impedance mike for PA, recording and amateur applications. Complete with a matching desk stand. Has standard 3/8"-27 thread for desk and floor stands. Frequency response: 30-10,000 cps. Output level of -50 db is adequate for use with low gain amplifiers. Opalescent gray finish with chrome grille. 10 ft. cable and connector. Size: 8" high; 2-5/16" grille dia.; 5/8" base dia. Shpg. wt., 3 lbs.
ASTATIC MODEL JT-30 Net 9.97

S4-M3 CRYSTAL MIKE
Versatile high-output (-51 db) mike is nondirectional in vertical position. Ideal for conference, PA and home recording applications. Frequency response 30-10,000 cps. High impedance. Supplied complete with interlocking base. Handle has standard 3/8"-27 thread. Brawn enamel finish, gold plated grille; with 5 ft. cable. Shpg. wt., 2 1/2 lbs.
ASTATIC MODEL S4-M3 Net 8.79

M-332 SLIM HI-FI CRYSTAL
Remarkably low-cost wide range mike—30 to 15,000 cps. Omni-directional. Ideal for improved tape recordings and PA. For hand, stand, lavaller use. Output -57 db, high impedance. Supplied with 3/8"-27 threaded desk and floor stand adaptor, 8 ft. extra-flexible cable and lavaller card. Satin chrome finish, satin black grille. 4 1/2" overall height; 1 1/4" dia. Shpg. wt., 1 lb.
ASTATIC MODEL M-332 Net 10.52

ASTATIC MODEL M-332-5—As above, with On-Off Switch Net 11.70

Electro-Voice MICROPHONES

630 HIGH-OUTPUT DYNAMIC
Omni-directional type designed for PA, recording and amateur use. Head tilts through a 90° arc; has 3/8"-27 thread coupler. Acoustalloy diaphragm withstands high humidity, salt air, temperature extremes, and severe shocks. Response: 60-11,000 cps. High impedance. Output level: -55 db. Satin Chrome finish. Built-in MC-3 cable connector; On-Off switch. Supplied with 18 ft. cable. Size: 2" x 6 1/4". Shpg. wt., 3 lbs.
ELECTRO-VOICE MODEL 630 Net 30.87

636 "SLIMAIR" DYNAMIC
Slim style omni-directional mike for PA and recording. Acoustalloy diaphragm. Moving coil element. Output level -55 db. Swivels 90° on stud with 3/8"-27 thread. Blast-filter. On-Off switch. Response: 60-13,000 cps. Selection of HI-Z or 150-ohm impedance made at plug. Satin chrome finish. With 18 ft. cable and MC4M connector. Size: 1 1/8" dia., 10 1/4" lang. Shpg. wt., 2 1/2 lbs.
ELECTRO-VOICE MODEL 636 Net 42.63

951 CRYSTAL CARDIOID
Rugged high impedance microphone using famous "Variable D" principle employed in E-V broadcast mikes. Perfect for all-purpose PA and platform use where severe noise, reverberation and acoustic feedback conditions exist. Sealed, high capacity Bi-morph crystal. Response: 50-11,000 cps. Output -55 db. Satin chrome finish. On-Off switch. MC-1 connector, 5 1/4" lang; 1 1/2" dia. With 18' cable, 3/8"-27 threaded stand coupler Shpg. wt., 3 lbs.
ELECTRO-VOICE MODEL 951 Net 29.10

611 DYNAMIC MIKE
High impedance mike designed for PA, home recording and amateur use. Rugged Acoustalloy diaphragm resists humidity, temperature extremes and rough use. Frequency response: 50-9,000 cps; non-directional. Output level: -55 db. On-Off switch. Standard 3/8"-27 adaptor thread. Satin chrome finish. Tilted head. Supplied with 18 ft. cable and connector. Size: 2 1/4" x 3 3/8" x 6 1/4". Shpg. wt., 3 lbs.
ELECTRO-VOICE MODEL 611 Net 26.46

911 CRYSTAL MIKE
Crystal version of Model 611 mike. Frequency response: 50-8,000 cps. High impedance. Output level: -50 db. Supplied complete with 18 ft. cable and MC-1 connector. Shpg. wt., 3 lbs.
ELECTRO-VOICE MODEL 911 Net 19.11

664 DYNAMIC CARDIOID
Designed specifically for PA work. True cardioid pattern at all frequencies results in less feedback. Blast filter permits close talking without booming or bass accentuation. Acoustalloy diaphragm shielded against dust and magnetic particles. Response: 40-15,000 cps. Dual impedance. Either 150 ohms or high impedance selected at connector terminal. On-Off switch. Output: -55 db. Satin chrome finish. 7-3/16" lang. 1 7/8" dia. Supplied with 18 ft. cable and MC-4 connector. Shpg. wt., 3 lbs.
ELECTRO-VOICE MODEL 664 Net 49.98

SHURE MICROPHONES



510C CONTROLLED RELUCTANCE MIKE
General purpose magnetic hand mike. Withstands heat and humidity. Response: 100-7,000 cps. HI-Z. Output level: -52.5 db. Self-standing; with adaptor to fit std. mike stands. Green finish. 2-2/3" x 3 1/4" x 1 1/4". With 7 ft. shielded cable. Shpg. wt., 1 1/2 lbs.
SHURE MODEL 510C Net 10.00
MODEL 510S—With switch Net 11.17

710A CRYSTAL MIKE
Designed for home recording, amateur, and PA use. Response: 60-9,000 cps. HI-Z. Output level: -50 db. Self-standing base; with adaptor to fit std. mike stands. Red metallic finish. 2-2/3" x 3 1/4" x 1 1/4". With 5 ft. shielded cable. Shpg. wt., 1 1/2 lbs.
SHURE MODEL 710A Net 7.06
MODEL 710S—With switch Net 8.23

MC-20 RECTANGULAR 1" RELUCTANCE MIKE
Experimenter's delight 1" rectangular controlled-reluctance microphone. Ideal for transistor hearing aids, amplifiers, etc. 1100 ohms impedance; output level -75 db. Resistant to heat, humidity; shock proof.
SHURE MC-20 Net 7.35

777 "SLIM-X" CRYSTAL MIKE
Slim, omni-directional mike for audience participation shows, lecturers, etc. Response: 60-10,000 cps. HI-Z. Output level: -61 db. With mated slip-over adaptor for stand mounting, lavaller card, and 7 ft. cable with connector. Chrome finish. 4 1/4" lang, 1" dia. Net wt. 6 oz. Shpg. wt., 1 1/4 lbs.
SHURE MODEL 777 Net 14.70
MODEL 77S—With switch Net 15.88
MODEL 538—Stand Net 2.06
MODEL A25—Swivel adaptor Net 3.23

503T "RANGER" RELUCTANCE TRANSISTOR MIKE
Controlled reluctance magnetic hand mike intended as direct replacement for carbon mikes in mobile communications. Plugs directly into same sockets and uses same power supply. Withstands high temperature and humidity. Response 200-4000 cps. Built in transistor amplifier; voltage output with 500 ohm load -4db. With heavy duty push-to-talk switch, 5' 4-conductor coiled cord, 2N132 transistor. Shpg. wt., 1 1/2 lbs.
SHURE MODEL 503T Net 28.52

MC-11 1 INCH RELUCTANCE MIKE
Specially designed for miniature "build it yourself" equipment, transistor-type devices, hearing aids, etc. Controlled reluctance type. Output level: -71 db. Impedance: 1000 ohms. Heat, humidity and shock proof. Metal case. 1" diameter.
SHURE MODEL MC-11 Net 7.35

768 CRYSTAL LAPEL MIKE
Lightweight. Alligator clip fastens to clothing. Moisture-sealed crystal. Response 40-6,000 cps with accentuated hi-frequency response; offsets loss of high due to indirect pickup. Output level: -57 db. 1 1/4" diameter. 1 1/2 ounces net wt. With 20' shielded cable. Gray finish. Shpg. wt., 1 lb.
SHURE MODEL 768 Net 17.05

555 CARDIOID DYNAMIC
Small size uni-directional mike. Ideal for PA, theatre sound, recording, etc. Response: 40-15,000 cps at front; dead at rear. Impedance switch; 35-50 ohms, 150-250 ohms and HI-Z. Output: -60.5 db at HI-Z. With 20 ft. 2-conductor shielded cable and connector. 3-3/16" x 2-3/16" x 3-1/16". Shpg. wt., 4 lbs.
SHURE MODEL 555 Net 48.80

MICROPHONES

*Fine Quality
At History Making Prices!*

A Buy of a Lifetime

**HIGH QUALITY TOP NOTCH
CRYSTAL
MICROPHONE**

**COMPARE IT
WITH ANY
MIKE AT 2 TO
3 TIMES THE
PRICE**

**3.95 each singly, ea.
in lots of 3 4.25**



Lafayette makes history with a high quality **CRYSTAL MICROPHONE** at a price that is 40% less than any comparable Crystal Microphone on the market today. 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 1/2"-27 thread. Grill diameter 2 1/4", depth 4/4", height 4 1/2". Shpg. Wt. 3 1/2 lbs.

PA-24—In lots of 3, each 4.25
Singly, each 3.95



**STUDIO
CRYSTAL
MICROPHONE**

- DUAL CRYSTAL CARTRIDGES
- ALL DIRECTIONAL
- FINE QUALITY
- HIGH OUTPUT

**6.95 ea.
in lots of 3
single, each
7.25**

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 7" H x 3" W complete with 4 ft. cable. Shpg. wt. 4 lbs.

PA-17—In lots of 3, each 6.95
Singly, each 7.25



**NEW!
TOP
QUALITY
CRYSTAL
MIKE**

**A LAFAYETTE
SCOOP!**

2.95

A new, attractively styled crystal microphone for all general applications such as public address and home recording—at a history making low price level—52 db. Tilted head, attractive plastic case. Frequency response 30-10,000 cycles. Output level—52 db. Tilted head, attractive plastic case. Can be used on any stand with 1/2"-27 thread. Completely equipped with 5 ft. plastic covered shielded cable. Grill diam. 2 1/4", depth 3 1/2", height 4". Shpg. wt., 2 lbs. One of the best buys in the country!

PA-42 Net 2.95

LAFAYETTE'S OWN LAPEL MICROPHONE

Reg. 16.00 Value

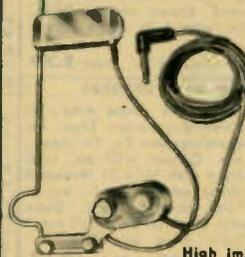
- FULL —55 db. OUTPUT LEVEL! • IDEAL GENERAL PURPOSE MIKE!
- Most compact—specially engineered crystal microphone. Attaches to the lapel. Only 1 1/2" in diameter. Fantastically light weight—weighs only 1/2 ozs. Including 5 foot cord! Exceptional frequency responses provides high level speech intelligibility. Output level—55db. "Sealed-in" moisture proof crystal—pressure actuated. Handsome, heavily chrome plated case and clip for attaching to lapel. Ideal for inexpensive P.A. systems—hams—home recording—general purpose. High impedance. Includes 5 ft. of extra light weight shielded single conductor cable. Shpg. Wt. 1 lb.

PA-18 Net 2.95



GUITAR MICROPHONE MAGNETIC TYPE ALNICO V MAGNET

**Complete with Individual
Tone and 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 phone plug for connection to amplifier. Shpg. wt., 2 1/2 lbs.

PA-38 GUITAR MICROPHONE Net 9.95

9.95

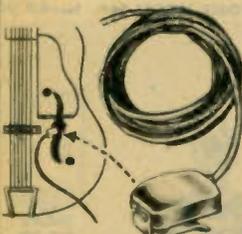
**FOR GUITAR
WITH F HOLES**

NEW 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 40-9000 cps. High impedance. Size: 1 1/2" L, 15/16" W, 5/16" D. Shpg. wt., 12 oz.

PA-41 Net 3.95



CRYSTAL MICROPHONE CARTRIDGE

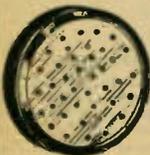
- REPLACEMENT FOR ASTATIC SHURE, AND MANY OTHER POPULAR MICROPHONES

**PA-27—In lots of 3
each 1.75**

Singly, each

1.95

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 JT 30 etc. Overall diameter 2 1/2", depth 1/2". Output—52 db. Excellent frequency response. Shpg. wt. 8 oz.



MINIATURE CRYSTAL MICROPHONE

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. Brand new. Size only 1 1/4" Diam. x 5/16" deep. Imported to save you money.

MS-100 Net 1.95

1.95

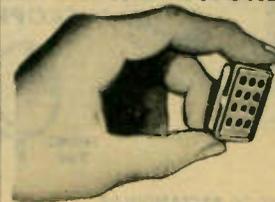


SUBMINIATURE CRYSTAL MICROPHONE

Only 1 3/8 x 1 x 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. Imported by Lafayette to save you money. Shpg. wt. 4 oz.

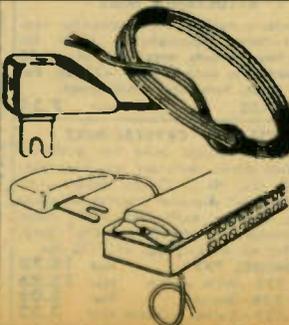
PA-40 Net 1.75



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 3/4" L x 1/4" W x 3/8" D. Complete with 7 ft. shielded cable.

PA-35 Net 2.95



Lafayette LOW COST MICROPHONES



3 WAY SLIM CRYSTAL MICROPHONE

- May be hand-held, stand mounted or suspended by lavalier cord!
- Frequency 60-10,000 CPS
- On-Off Switch

A tremendous value! Unique design, only 4 1/2" L x 1 1/4" 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.

PA-31
Each in lots of 3 5.65
Singly, Each 5.95

DESK STAND FOR ABOVE

Attractive swivel-back design. Finished in gleaming gray enamel. Felt bumper-feet protect against scratches. Has standard 3/8"-27 thread. Shpg. wt., 9 oz.

PA-32 Net 1.49

NEW DYNAMIC MICROPHONE

For Desk-Top or Hand-Held

Reg. Value 29.50
NOW! 9.95

- HIGH IMPEDANCE—50,000 OHMS
- RESPONSE: 40-9,500 CPS

Beautifully designed and finished high impedance dynamic mike with ingenious swivel mounting that permits horizontal and vertical rotation for most convenient angle. Mike easily removed from base for holding in hand. Baked enamel case with chrome finish base, grille and fittings. Ruggedly constructed to withstand plenty of handling. 4" long x 1-3/16" diameter housing. With 5 ft. shielded cable.

PA-39—Shpg. wt., 2 lbs. Net 9.95

SLIM DYNAMIC MICROPHONE

- DUAL IMPEDANCE 50,000 AND 250 OHMS
- HIGH OUTPUT
- 50-11,000 CYCLES
- USE ON STAND OR AS HAND MIKE

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). Omni-directional 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.

PA-29 In lots of 3, Each 9.25
Singly, Each 9.95

Lafayette CRYSTAL DESK MIKE

- -52 db output level
- Range 30 - 10,000 cps
- Handle and Interlocking base
- 10 ft. cable and connector

A really fine microphone by a manufacturer known the world over. Use for amateur broadcasting, public address and home recording. Can be used with floor stand. Shpg. wt. 2 1/2 lbs.

PA-21 6.75

NEW "DYNA-SLIM" MICROPHONE

- HIGH IMPEDANCE — 50,000 OHMS
- ON-OFF SWITCH
- "QUICK-SLIP" ADAPTER

6.95

New dynamic, high output microphone with all the features of "mikes" costing 3 times Lafayette's price! 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.

PA-43 Net 6.95

AMPHENOL MICROPHONE CONNECTORS

SERIES 75. PRESSURE TYPE—SINGLE CONTACT
Polished chrome plated brass fittings with 3/8"-27 threads

Type	Fig.	Description	Each
75-MC1F	A	Female with coupling ring	.31
75-MC1M	B	Male. Fits above connector	.21
75-PC1M	C	Male. Non-shorting, chassis mount. Fits MC1F	.23
75-CL-PC1M	D	As above, except closed circuit	.33
75-MC1F-A	E	Angle type, female connector coupling ring. Use with PC1M, etc.	.63
75-MC1P	F	Adapter. Connects MC1F to standard phone plug	.30

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.

Type	Fig.	Description	Each
*91-MC3F	J	Female cable jack	.64
*91-PC3F	K	Female chassis receptacle	.51
*91-MC3M	L	Male cable plug	.64
†91-MC4F	J	Female cable jack	.67
†91-PC4F	K	Female chassis receptacle	.52
†91-MC4M	L	Male cable plug	.66

MICROPHONE VOLUME CONTROL ADAPTER

4.09

Designed to reduce or increase relative volume at the microphone. Used in high impedance circuits using shielded single conductor cable only. Reduces volume to workable level—reduces feedback noises. Employs standard microphone connectors—one off-center for easy mounting on mikes used with stands. Shpg. Wt. 8 ozs.

SWITCHCRAFT—329 Net 4.09

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 ozs.

Type	Fig.	Description	Each
*80 F	G	Female cable jack	.37
*80 C	H	Female chassis receptacle	.34
*80 M	I	Male cable plug	.42
†80-MC2F	G	Female cable jack	.39
†80-PC2F	H	Female chassis receptacle	.36
†80-MC2M	I	Male cable plug	.44

"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 ozs.

Type	Fig.	Description	Each
*91-853	M	Male cable plug	.91
*91-854	N	Female cable plug	1.12
*91-855	O	Male Chassis receptacle	.68
*91-856	P	Female chassis receptacle	1.35
*91-857	M	Male cable plug	.91
*91-858	N	Female cable plug	1.23
*91-859	O	Male chassis receptacle	.68
*91-860	P	Female chassis receptacle	1.50

MICROPHONE SWITCH

Attaches between male and female of 75 series connectors. Push-to-talk or slide switch for permanent connection.

Amphenol 75-MC1S 1.09

MIKE FLANGES, EXTENSION RODS
For neat, inconspicuous permanent mounting on desk top, pulpit and amateur rig. Fits all standard 3/8"-27 mikes. Base diameter 1 1/4". 3 mounting holes with 3/8" mounting centers. Extension rods mate on both ends.

ATLAS AD-12—Male Flange 35c ATLAS AD-11—Female Flange 36c
ATLAS AD-8—6" Ext. Rod 41c

MIKE ADAPTERS
Adapt special fittings to standard mike stands.

ATLAS AD-1—3/8"-27 female to 1/2" male thread (RCA)	50c
ATLAS AD-2—1/2" female pipe to 3/8"-27 male	35c
ATLAS AD-4—1/2" long, 3/8"-27 male running thread	18c
ATLAS AD-5—3/8"-27 female to 3/8"-27 female coupling	35c

"Y" CONNECTOR

Has 2 male and 1 female. For use when using more than 1 mike or speaker from single circuit.

MS-84 Net . 85

FLEXIBLE GOOSENECK

Attaches to any mike stand. Can be used where moderate adjustment is required. 3/8"-27 thread; male and female ends. Chrome finish.

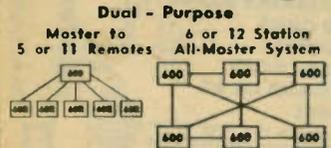
ATLAS GN-13—13" long 1.62

SNAP-ON MIKE ATTACHMENT

Attaches any mike to any floor stand. 2-section ball bearing spring sleeve permits quick removal or attachment. No threading necessary. One section permanently fastened to stand, other to mike. Chrome plated brass. Atlas 50-1 1.62

INTERCOMMUNICATION SYSTEMS

Challenger INTERCOM SYSTEMS



The Bogen "Challenger" provides deluxe interoffice communication for most office, farm, industrial and home applications. These are dual purpose units for either of 2 basic kinds of intercom systems.

MASTER-TO-REMOTE SYSTEM: Model 600 Master can converse with any one or all of up to 5 Remotes; Model 1200 can talk with any one of up to 11 Remotes. Remotes have "Talk" bar to originate calls to Masters; once contact has been established they no longer need use the Talk bar and these Remotes may be mounted on shelves out of the way of prying fingers if call-origination from Remotes is not required. Remotes cannot talk with each other only with the Master.

ALL-MASTER-SYSTEM: Up to 6 stations in a Model 600 All-Master System; up to 12 stations in a Model 1200 All-Master System. Both models may be used in a single system if desired. Model 600 has an "All" position and may talk to all stations at once; Model 1200 has no "All" position; a system of Model 600 Masters may have conferences; any All-Master System may have any number of separate conversations going on simultaneously, without interference, up to the limit of the number of stations. Any station can call any other station, even if the called station's power is off. Power must be turned on to reply.

All units are housed in sturdy, good-looking polystyrene cabinets; size 6" x 6 1/2" x 7" d. Masters have "Mute" (standby) position to eliminate noise from Remote stations while remaining ready to receive calls from Remotes; they also have 5-position (or 11-position) station selector switches, plus "Mute" position, plus "All" position on Model 600 only; also provided are spring-return press-to-talk switch and volume control with on-off switch. Model 60R Remotes have press-to-talk switch, 117 volts AC or DC, U/L approved. Shpg. wt. of Masters is 6 lbs.; Remote, 3 lbs.

BOGEN 600 MASTER	Net 23.43
BOGEN 1200 MASTER	Net 29.43
BOGEN 60R REMOTE	Net 7.76

WIRE REQUIREMENTS

FOR ANY MASTER-TO-REMOTE SYSTEMS
—Use a separate length of 3-wire cable from the Master to each Remote. For FANON FC w/o switch use 2-wire cable. For ALL-MASTER SYSTEMS—Run multi-wire cable from first station and end with farthestmost station. For Bogen 600 or 1200, use 1 wire more than total number of stations. For FANON FIM-12 All-Master, use some number of wires as there are stations. For FANON INTERMIX SYSTEMS—Run Master-to-Master cable separately, using same number of wires as there are Masters. Use Alpha Type 1243 3-wire cable from each FC Remote to its Master; use a separate length of Alpha Type 1243 from each FC-6 Remote to each of its Masters.

All stranded-wire cables listed below have vinyl plastic jacket overall. Prices quoted are per 100', but odd lengths will be furnished. Where necessary, 2 cables listed may be combined to furnish the needed number of wires.

ALPHA 1172—2-wire, per 100'	Net 2.41
WR-115—3-wire, per 100'	Net 2.45
ALPHA 1243—3-wire, 1 wire shielded, per 100'	Net 4.93
WR-116—5-wire, per 100'	Net 3.65
WR-117—7-wire, per 100'	Net 5.96
WR-118—9-wire, per 100'	Net 6.94

Bogen INTERCOMS

Bogen TWIN 2-STATION WIRELESS



- NO WIRES—USES POWER LINE TO CARRY THE VOICE
- AUTOMATICALLY SUPPRESSES UNWANTED NOISE
- ELECTRONIC SILENT WATCHMAN AND BABY NURSE
- SENSITIVE AND POWERFUL
- USE IT BETWEEN ROOMS—BETWEEN NEIGHBORS—BETWEEN FARM BUILDINGS

This deluxe 2-station wireless system uses the power line to carry a radio signal on which is superimposed the voice or other desired sound; each unit is actually a radio transmitter and receiver and provides reliable and quiet wireless operation. Operating frequency is 175 kilocycles. All you do is plug in, turn on the switch, press down and talk, release to listen. Both stations automatically suppress line noise until the desired signal comes in. The noise suppressor can be screwdriver adjusted for optimum performance at the time of installation. The "Silent Watchman—Baby Nurse" feature consists of a convenient locking lever which locks a station in "Transmit" (Talk) position when it is desired to use the station as a silent pickup device to check for noises or other sounds. Supplied with plug-in ground connectors and readily portable from room to room. Underwriters' Laboratories Approved. Tubes: 2- 50B5, 1- 12AX7, selenium rectifier. Power consumption 25 watts, 117 volts AC or DC. Dimensions 6" h x 6 1/2" w x 7 1/2" d. Shpg. wt., 10 lbs. Power output 1 1/2 watts. An almost unlimited number of additional stations may be used in a system.

BOGEN TWIN—2-Station System	Net 63.00
BOGEN CW-1—Additional Single Stations, each	Net 33.00

Bogen TELEPHONE-TYPE INTERCOMS



- REACH ANYONE IN YOUR OFFICE INSTANTLY
- RELIEVE REGULAR TELEPHONE LINES
- 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 of 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-circuiting to prevent snarfing. A single 110v AC input power supply serves each entire system. 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. Cable required between two stations—3 conductors more than number of stations. Shpg. wt., 5 lbs. per unit.

TP-1—1-Button, 2-Station Handset (per Pair)	Net 37.45
TP-6—6-Button, 7-Station Handset (up to 7 may be used in a system)	Net each unit 20.95
TP-12—12-Button, 13-Station Handset (up to 13 in a system)	Net each unit 22.45
PRS-1—Power Supply for TP-1, TP-6 and TP-12	Net 16.85

FOR WIRE, SEE "WIRE REQUIREMENTS"

Masco "SMALL TALK" 2-STATION SYSTEM



High power, sensitive intercom. For 117 volts, AC or DC. U/L Approved. Masters: volume control with on-off switch, talk switch, pilot light. Remote has talk switch; switch may be left "open" for answering from a distance or for baby-sitting, or closed for privacy but still receive calls. Metal cabinets, brown hammer-tone. 6 1/2" x 4 3/8" x 4 3/8" h. Shpg. wt. of system 6 1/2 lbs.

SMALL TALK—System complete
Net 14.65

MASCO MM-5—5-Station Multiplier base. Small Talk Master mounts permanently on MM-5 and converts to a 5-Station Master. With 6' cable. 6 1/2" x 5 3/8" x 2" h. Shpg. wt., 2 lbs.Net 4.70

ST REMOTE STATION—For Small Talk or MM-5 system. Shpg. wt., 1 lb.Net 5.39

Masco E-Z TALK 2-STATION SYSTEM



Only 11.71

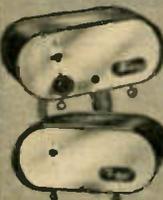
- Priced For Everybody's Purse!
- Home Intercom—Baby-Sitter

A complete 2 station intercom system easy to install and simple to operate. Master station has volume control with on-off switch. Remote can answer calls from a distance; has no switch to operate. Remote is always "open", making its use as a "baby-sitter" ideal. Extremely low hum and noise. Metal cabinets—size: 6 1/2" x 3 3/4" x 4 1/2" h. System includes 2 stations, 50 ft. cable and instructions. 117 v. AC-DC. Shpg. wt., 6 1/2 lbs.

E-Z TALK SYSTEM COMPLETE..Net 11.71

FANON Intermix INTERCOMS

FANON 2-STATION WIRELESS INTERCOM



TWIN 2-STATION INTERCOM

- SMART NEW STYLING
- ECONOMICALLY PRICED
- OUTSTANDING PERFORMANCE

A low cost intercom combining maximum convenience, smart styling and quality performance. Simple and safe to use. Extremely sensitive . . . ideal as a "baby-sitter". Provides modern communications 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. Complete with 50 ft. of cable. More can be added. Cabinets of gray steel with perforated white front panel. Size of each station, 8" x 4" x 4". Shpg. wt. 6 lbs.

Fanon FX-2	Net 18.37
Fanon FS (extra Remote)	Net 7.35

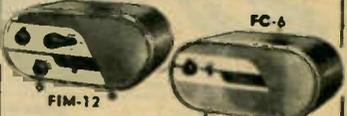


NO WIRES NO INSTALLATION JUST PLUG IN AND TALK

Makes use of existing power lines for transmission of voice. Each unit is a miniature radio transmitter and receiver. Simply plug into electrical outlets, AC or DC, in the same or adjacent buildings on the same power circuits, and talk! Economical to use, powerful and sensitive. Underwriters' Laboratories approval means safety to use. Each unit has volume control with on-off switch, 2- or 3-wire line selector switch for different types of building wiring, and adjustment for Noise Silencer which keeps out power line noises until desired voice signal comes through. More stations may be added to any system. Operating frequency 200 kc. Output power 2 1/2 watts. Power Consumption 30 watts. Tubes: 12AX7, 2- 50C5; 35W4 rectifier, 1N51 diode, NE-2 neon pilot light. For 105-125 volts AC or DC. Size 8" x 4" x 4". Ebony Block metal cabinets, antique gold panels. Shpg. wt., 10 lbs.

FANON FW-20—2-Station Wireless	Net 46.75
FANON FW—Extra Station For FW-20	Net 23.37
FANON FW-20D—Same as FW-20 but deluxe brass finish	Net 49.69
FANON FWD—Extra Station for FW-20D	Net 24.85

FANON MULTI-STATION "INTERMIX" INTERCOM



Designed for offices, factories and split-level homes where up to 12 stations may be required. Masters can call any other station, Master or Remote, while Remotes can only talk with Masters. Systems may consist of all Masters, 1 Master with multiple Remotes, or any combination of Masters and Remotes. The Model FC Remote has a Talk switch and can originate calls to 1 Master only; when installed for "private" operation the FC must always use its Talk switch to converse and cannot be "listened-in" on by the Masters when installed for "non-private" operation, the FC can reply to calls from the Master without using the switch; the FC may also be installed for "non-private" operation by passing the switch. 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 "Standby" position, and a spring-return Talk-Listen switch with "Dictate" position for extended talking. Master power output is 2 1/2 watts. Tubes are 12AU6, 50C5, 35W4 rectifier, NE-2 Pilot Light. Hum and noise are extremely low. For 117 volts AC or DC.

All units are constructed of unbreakable sheet metal. Dimensions, Masters and Remotes, 8" x 4" x 4". Shpg. wt., Masters 4 lbs.; Remote 2 1/2 lbs.

FANON FIM-12 MASTER	Net 26.43
FANON FC REMOTE	Net 7.81
FANON FC-6 REMOTE	Net 11.73

FOR WIRE, SEE "WIRE REQUIREMENTS"

Challenger PUBLIC ADDRESS AMPLIFIERS & SYSTEMS by Bogen



CHA10 10-WATT AMPLIFIER AND SYSTEMS

FEATURES: SELECTONE switch • Plug-in speaker connection • Microphone jack on front panel • Decorator styling • Ideal for carnivals, store demonstrations, restaurants, small clubs, schoolrooms.

SPECIFICATIONS — RESPONSE: 30-15,000 cps ± 2 db. **INPUTS:** 1—mike, 1—phono. **GAIN:** Mike—115 db; phono—76 db. **HUM:** (Phono)—70 db; (Mike)—55 db. **OUTPUT TAPS:** 4, 8 and 16 ohms. **CONTROLS:** Mike, phono, SELECTONE, an-off. **TUBES:** 6L6GB, 6AU6, 6AV6, 6BW4 (Rectifier).

POWER: 70 w., 117 v., 60 cps AC. **DIM:** 11" w x 7 1/2" d x 6 1/2" h (with case). **SHIP. WT.:** 12 1/2 lbs. (with cage).

CHALLENGER CHA10 — 10-watt amplifier less cage **Net 34.50**
CAG10 — Case for CHA10 Amplifier **Net 3.90**
CHALLENGER CHA10S — Complete 1—speaker Portable System. Includes 1—CHA10 complete; 1—8" PM speaker mounted in portable carrying case; 1—Bogen-EV 927 crystal microphone with stand, 10' mike cable and MCIF connector. **Net 60.90**
CHALLENGER CHA10P — Complete 2—speaker Portable System. Includes 1—CHA10 complete; 2—10" PM speakers, each with 25' cable and plug, mounted in split portable carrying case; 1—Bogen-EV 927 crystal microphone with stand, 10' mike cable and MCIF connector. **Net 82.65**

CHA20 20-WATT AMPLIFIER AND SYSTEMS

FEATURES: Separate boost/cut bass and treble tone controls • 70-volt top • Available with 3-speed phonograph top with Ranette turnover cartridge • Recommended for schools, churches, small warehouses, garages.

SPECIFICATIONS — RESPONSE: 30-15,000 cps ± 2 db. **INPUTS:** 1—mike, 1—phono. **GAIN:** Mike—120 db, phono—76 db. **OUTPUT TAPS:** 4, 8, 16, 245 ohms and 70 volts. **CONTROLS:** Mike, phono, bass, treble, on-off. **TUBES:** 2—6V6GT, 2—12AX7, 6AX5GT (Rectifier). **POWER:** 80 w., 117 v., 60 cps AC. **DIM:** CHA20—14 1/2" w x 8 1/2" d x 6 1/2" h; CHA20Y—14 1/2" w x 8 1/2" d x 10 1/2" h. **SHIP. WT.:** CHA20—20 lbs.; CHA20Y—23 lbs.

CHALLENGER CHA20 — 20-watt amplifier complete **Net 50.10**
CHALLENGER CHA20Y — 20-watt amplifier with 3-speed phono top, Ranette turn-over cartridge, tubes and cage **Net 68.10**
CHALLENGER CHA20P — Complete Portable System. Includes 1—CHA20 complete; 2—12" Alnico 5 PM speakers, each with 25' cable and plug, mounted in split portable case; 1—Bogen-EV 927 crystal microphone with stand, 10' cable and MCIF Connector. **Net 100.80**
CHALLENGER CHA20YP — Complete Portable System with phonograph top. Same as CHA20P (larger carrying case) with 3-speed phono top with Ranette turn-over cartridge. **Net 118.80**
CHALLENGER CHA20B — Complete Indoor System. Includes 1—CHA20 complete; 2—12" Alnico 5 PM speakers, each with 25' cable and plug, mounted in hand-finished walnut wall baffles; 1—Bogen-EV 927 crystal microphone with stand, 10' cable and MCIF connector. **Net 92.10**
CHALLENGER CHA20YB — Complete Indoor System with Phonograph Top. Same as CHA20B with 3-speed phono top with Ranette turn-over cartridge. **Net 110.10**

CHA33 33-WATT AMPLIFIER AND SYSTEMS

FEATURES: Bass and treble tone controls • 70 volt output tap • Available with 3-speed phono top with Ranette cartridge • Suggested for larger auditoriums, factory, airports, larger warehouses, night clubs.

SPECIFICATIONS — RESPONSE: 30-15,000 cps ± 2 db. **INPUTS:** 2—mike, 1—phono. **GAIN:** Mike—120 db, phono—82 db. **CONTROLS:** 2—mike, phono, bass, treble. **OUTPUT TAPS:** 4, 8, 16 and 148 ohms and 70 volt. **TUBES:** 2—6L6GB, 2—12AX7, 6AV6, 2—5Y3GT (Rectifiers). **POWER:** 135 w., 117 v., 60 cps AC. **DIMENSIONS:** CHA33—14 1/2" w x 8 1/2" d x 6 1/2" h; CHA33Y—14 1/2" w x 8 1/2" d x 10 1/2" h. **SHIP. WT.:** CHA33—22 lbs.; CHA33Y—25 lbs.

CHALLENGER CHA33 — 33-watt amplifier complete **Net 61.50**
CHALLENGER CHA33Y — 33-watt amplifier with built-in phono top, Ranette turn-over cartridge **Net 79.50**
CHALLENGER CHA33P — Complete Portable System. Includes 1—CHA33 complete; 2—12" Alnico 5 PM speakers, each with 25' cable and plug, mounted in split portable baffle; 1—Bogen-EV 927 crystal microphone with stand, 10' cable and MCIF connector. **Net 111.63**
CHALLENGER CHA33YP — Complete Portable System with phono top. Same as CHA33P (larger carrying case) with 3-speed phono top with Ranette turn-over cartridge. **Net 129.63**
CHALLENGER CHA33B — Complete Indoor System. Includes 1—CHA33 complete; 2—12" Alnico 5 PM speakers, each with 25' cable and plug, mounted in 12" hand-finished walnut wall baffles; 1—Bogen-EV 927 crystal microphone with stand, 10' cable and MCIF connector. **Net 103.05**
CHALLENGER CHA33YB — Complete Indoor System with phono top. Same as CHA33B with 3-speed phono top with Ranette turn-over cartridge. **Net 121.05**
CHALLENGER CHA33T — Complete Outdoor System. Includes 1—CHA33 complete; 1—University PH trumpet with MA25 driver unit; 1—Bogen-EV 927 crystal microphone with stand, 10' cable and MCIF connector. **Net 106.77**
CHALLENGER CHA33YT — Complete Outdoor System with phono top. Same as CHA33T with 3-speed phono top with Ranette turn-over cartridge. **Net 124.77**

CHA620 20-WATT UNIVERSAL MOBILE AMPLIFIER AND SYSTEMS

FEATURES: For 6 volts DC, 12 volts DC, or 117 volts AC • Battery-to-AC inverter built-in for 117 volts 60 cps AC to built-in or external phonograph • Separate boost/cut bass and treble tone controls • Plug-in speaker connection • Only 15 ampere battery drain at 6 volts, 7 1/2 ampere at 12 volts • 70 volt output tap • Available with 3-speed phono top with Ranette turn-over cartridge • For sound trucks, political meetings, revival meetings, auditoriums, churches.

SPECIFICATIONS — RESPONSE: 30-15,000 cps ± 2 db. **INPUTS:** 1—mike, 1—phono. **GAIN:** Mike—120 db; phono—76 db. **HUM:** (phono)—75 db; (Mike)—55 db below rated output. **OUTPUT TAPS:** 4, 8, 16, 245 ohms and 70 volt. **CONTROLS:** Mike, phono, bass, treble, master power switch, phono motor on-off. **TUBES:** 2—6V6GT, 2—12AX7, 6AX5GT (Rectifier). **POWER CONSUMPTION:** 80 watts, 117 volts, 60 cps AC; 88 watts, 6 volts DC or 12 volts DC, with phono. **DIM.:** CHA620—15 1/4" w x 10" d x 8 1/4" h; CHA620Y—15 1/4" w x 10" d x 10 1/4" h. **SHIP. WT.:** CHA620—25 lbs.; CHA620Y 30 lbs.

CHALLENGER CHA620 — 20-watt universal mobile amplifier with tubes, cage and AC and battery cables. **Net 94.80**
CHALLENGER CHA620Y — 20-watt universal mobile amplifier with tubes, cage and AC and battery cables and built-in 3-speed phono top with Ranette turn-over cartridge. **Net 108.15**
CHALLENGER CHA620T — Complete Universal Mobile Outdoor System. Includes 1—CHA620 amplifier complete as above; 1—University PH trumpet with MA25 driver unit; 1—Bogen-EV 927 crystal microphone with stand, 10' cable and MCIF connector. **Net 140.13**
CHALLENGER CHA620YT — Complete Universal Mobile System with phonograph top. Same as CHA620T with 3-speed phono top with Ranette turn-over cartridge. **Net 153.48**

CHA75 75-WATT AMPLIFIER AND SYSTEMS

FEATURES: Wide tonal range • 2 microphone inputs, 1 phonograph input, each individually controlled • Features the EXCLUSIVE Bogen Controlled Positive Feedback Circuit which assures perfect output regulation with varying load and improved distortion figures, transient response and low frequency power handling characteristics • Fixed bias on power stage control grids for maximum safety • 70 volt and balanced 25 volt output taps • Separate boost/cut bass and treble tone controls • Plug-in speaker connection • Decorator styling • Recommended for large stadia, meeting halls, factories, warehouses, airports, railroad stations, church carillon and steeple music systems, theaters.

SPECIFICATIONS — RESPONSE: 20-20,000 cps ± 2 db. **INPUTS:** 2 microphone, 1 phonograph. **GAIN:** microphone 120 db, phonograph 85 db. **HUM and NOISE:** microphone—55 db, phonograph—70 db below rated output. **TONE CONTROL ACTION:** treble (10kc) + 5 db to - 17 db; bass (60 cps) + 12 db to - 12 db. **OUTPUT TAPS:** 4, 8, 16, 65 ohms, 70-volt and balanced 25-volt line. **CONTROLS:** 2 microphone volume, 1 phonograph volume, bass, treble. **TUBES:** 4—6AV5A, 12AX7, 6U6, 6CM7, 6U8, 3—5Y3GT (Rectifiers). **POWER:** 370 watts at full signal; 117 volts, 60 cps AC. **DIM.:** 17 1/4" w x 12" d x 6 1/2" h. **SHIP. WT.:** 34 lbs.

CHALLENGER CHA75 — 75 watt amplifier complete **Net 101.70**
CHALLENGER CHA75B — Complete Indoor System. Includes 1—CHA75 complete; 4—12" Alnico 5 PM speakers, each with 25' cable and plug, mounted in 12" hand-finished walnut wall baffles; 1—Bogen-EV 927 crystal microphone with stand, 10' cable and MCIF connector. **Net 171.30**
CHALLENGER CHA75T — Complete Outdoor System. Includes 1—CHA75 amplifier complete; 3—University PH trumpets with MA25 driver units; 1—Bogen-EV 927 crystal microphone with stand, 10' cable and MCIF connector. **Net 217.20**

BOGEN P.A. ACCESSORIES

RACK PANEL MOUNTING KITS
 For CHA75 Amplifier — 19" x 8 3/4" for standard 19" rack, complete with all necessary mounting hardware. Gray metallulustre finish **Net 8.91**
 For CHA33, CHA20 and CHA10 Amplifiers — 19" x 7" for standard 19" rack, complete with all necessary mounting hardware. Gray metallulustre finish **Net 8.91**
MODEL SV-3 SHOCK-MOUNTING BASE — For Mobile Amplifiers Models CHA620 and CHA620Y **Net 6.75**

MX6 MIXER PREAMPLIFIER

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/phone input of any amplifier or tape recorder • 6 volts output • Low hum level.

SPECIFICATIONS — OUTPUT VOLTAGE: 6 volts. **FREQUENCY RESPONSE:** 50-15,000 cps ± 2 db. **GAIN:** Mike—59 db, Phono—30 db. **HUM:** 70 db below 6 volts. **OUTPUT IMPEDANCE:** Less than 1000 ohms. **CONTROLS:** 2—mike volume, 2—mike or phono volume, on-off. **TUBES:** 2—12AX7, 12AT7. **DIMENSIONS:** 8" x 4 1/4" x 6 1/2". **POWER CONSUMPTION:** 10 watts, 117 volts, 60 cps AC. **SHIPPING WEIGHT:** 6 lbs.

BOGEN MX6 **Net 36.00**

NEW! Lafayette PUBLIC ADDRESS AMPLIFIERS

ALL LAFAYETTE AMPLIFIERS ARE GUARANTEED FOR ONE FULL YEAR



PA-60 24.95

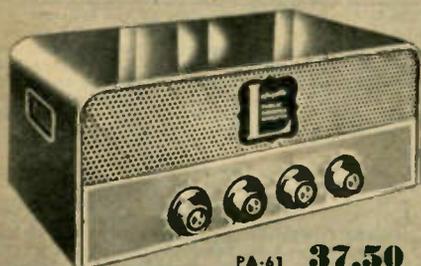
LAFAYETTE MODEL PA-60 • 10-WATT P.A. AMPLIFIER

FEATURES: Provides extensive coverage—up to 20,000 square feet when used with trumpet speakers. 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. Cabinet is finished in baked hammerloid enamel.

SPECIFICATIONS: TUBES: 12AX7, 6L6GB, 6X5GT (Rectifier). **INPUT GAIN:** Microphone 105 db 2.2 Meg., Phono 65 db 1/2 Meg.

FREQUENCY RESPONSE: 70 to 10,000 cps \pm 2 db. **tone control attenuation:** Treble \pm 15 db at 10,000 cps. **CONTROLS:** 3; Microphone, Phono or Radio, Tone. **INPUTS:** 2; 1-Microphone and 1-Phono. **OUTPUT IMPEDANCES:** 4, 8, 16 ohms and 70 volts (500 ohms). **HUM AND NOISE:** 60 db below maximum output. **POWER CONSUMPTION:** 70 Watts, 110/120 V.A.C. 60 cps. **SIZE:** 10 1/2" w x 5 1/2" d x 6" h. **SHIPPING WEIGHT:** 12 1/2 lbs.

LAFAYETTE MODEL PA-60—Complete with Tubes.....Net 24.95



PA-61 37.50

LAFAYETTE MODEL PA-61 • 18-WATT P.A. AMPLIFIER

FEATURES: New improved circuit features ensure top performance. Uses new 6973 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 well ventilated case of all steel construction. Large instrument type control knobs. Cabinet is finished in baked hammerloid enamel.

SPECIFICATIONS: TUBES: 2-12AX7, 2-6973, 6BW4 (Rectifier). **INPUT GAIN:** Microphone 115 db 3.3 Meg., Phono 70 db 1/2 Meg. **FREQUENCY RESPONSE:** \pm 2 db from 30-15,000 cps. **tone controls:** Bass \pm 15 db at 50 cps; Treble \pm 15 db at 10,000 cps. **POWER OUTPUT:** 18 Watts. **INPUTS:** 2; 1-Micro-

phone and 1-Phono. **OUTPUT IMPEDANCES:** 4, 8, 16 and 70 volts (333 ohms). **HUM LEVEL:** —70 db below rated output. **CONTROLS:** 4; Microphone, Phono, Bass and Treble. **POWER CONSUMPTION:** 75 Watts, 110/120 V.A.C., 60 cycles. **SIZE:** 14" w x 8" d x 6" h. **SHIPPING WEIGHT:** 19 lbs.

LAFAYETTE MODEL PA-61—Complete with Tubes.....Net 37.50

4-SPEED PHONO TOP

For above amplifier. Fits in place of cover. Plays all speeds—78, 45, 33 1/3 and 16 2/3 RPM. Has constant 4-speed motor, with turnover cartridge, complete with two precious metal needles. Has arm-rest and plug connection; for 117 volts, 60 cycle. Shpg. wt., 10 lbs.

PA-65—4-Speed Phono Top.....Net 16.95



PA-62 49.50

LAFAYETTE MODEL PA-62 • 32-WATT P.A. AMPLIFIER

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; optional 4-speed phono top. 70 volt constant voltage output top. 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 sturdy steel, well-ventilated cabinet. Modern streamlined styling. Finished in baked hammerloid enamel. Removable escutcheon plate for rack and panel mounting.

SPECIFICATIONS: TUBES: 3-12AX7, 2-6L6GB, 5U4GB (Rectifier). **POWER OUTPUT:** 32 Watts. **INPUT GAIN:** Microphone 120 db 3.3 Meg., Phono 82 db 1/2 Meg. **FREQUENCY RESPONSE:** 30 to 15,000 cps, \pm 1 db. **tone controls:** Bass \pm 15 db at 50

cps; Treble \pm 15 db at 10,000 cps. **HUM LEVEL:** 75 db below rated output. **INPUTS:** 3; 2-Microphone and 1-Phono. **CONTROLS:** 5; Microphone-1; Microphone-2; Phono, Bass and Treble. **OUTPUT IMPEDANCES:** 8, 16, and 250 ohms; 70 volts (167 ohms). **POWER CONSUMPTION:** 135 Watts, 110/120 V.A.C. 50-60 cycles. **SIZE:** 14" w x 8" d x 6" h. **SHIPPING WEIGHT:** 25 lbs.

LAFAYETTE MODEL PA-62—Complete with Tubes.....Net 49.50

4-SPEED PHONO TOP

For above amplifier. Fits in place of cover. Plays all speeds—16 2/3, 33 1/3, 45 and 78 rpm. Has constant 4-speed motor, with turnover cartridge, complete with two precious metal needles. Has arm-rest and plug connection; for 110 Volt 60 cycle. Shpg. wt., 10 lbs.

PA-65—4-Speed Phono Top.....Net 16.95



PA-63 82.95

LAFAYETTE MODEL PA-63 • 60-WATT P.A. AMPLIFIER

FEATURES: Conservatively rated for long life in continuous operation. Uses popular high fidelity high power output tubes type 6550, and has extremely wide range response. 1-phono and 2-mike inputs. Separate bass and treble tone controls. Modern streamlined styling. Input for magnetic phono cartridge. For large industrial paging and music systems, stadiums, amusement parks, airports, railroad yards, church orillon systems. For groups of up to 10,000 persons or areas up to 200,000 square feet.

SPECIFICATIONS: TUBES: 3-12AX7, 2-6550, 2-5U4GB (Rectifiers). **POWER OUTPUT:** 60 Watts. **INPUT GAIN AND IMPEDANCES:** Microphone 130 db 4.7 Meg., Phono 80 db 1/2 Meg. **FREQUENCY RESPONSE:** 30-15,000 cps \pm 1 db. **tone controls:** Bass \pm 15 db at 50 cps; Treble \pm 15 db at 10,000 cps. **HUM LEVEL:** 70 db below rated output. **INPUTS:** 2-Microphone, 1-Phonograph. **CONTROLS:**

2-Mike Volume, 1-Phono Volume, Bass, Treble, Switch for Magnetic or Ceramic/Crystal phono, On-Off Power Switch. **OUTPUT IMPEDANCES:** 8, 16, and 250 ohms; 70 volts constant voltage (84 ohms). **POWER CONSUMPTION:** 250 watts; 110/120 volts, 60 cps AC. **SIZE:** 16" w x 10" d x 6 1/2" h. **SHIPPING WEIGHT:** 43 lbs.

LAFAYETTE MODEL PA-63—Complete with Tubes.....Net 82.95

4-SPEED PHONO TOP

For PA-63 amplifier. Fits in place of cover. Plays all 4 standard speeds—16 2/3, 33 1/3, 45 and 78 rpm. Constant speed motor, turnover cartridge with dual precious-metal styli. With arm rest, AC cord and plug, output cable and plug. For 110/120 volts, 60 cps AC. Shpg. wt., 10 lbs.

PA-66—4-Speed Phono Top.....Net 18.95

MODEL PA-64 • 30-WATT MOBILE P.A. AMPLIFIER

6V OR 12V BATTERY AND 110V AC OPERATION SEPARATE BASS AND TREBLE CONTROLS

FEATURES: A high-power combination 6 or 12 volt DC battery and 117v. AC amplifier for sound trucks, circuses, ball parks, large picnics, political rallies, beaches, parks, boats, planes, or any large indoor or outdoor gatherings. DC to AC operation is accomplished by changing "plug-in" power cables. 6 or 12 volt DC operation is selected by a switch on top of chassis. Separate bass and treble controls, each having boost or attenuation, for proper acoustic correction. Phono motor operates an all power sources. Standby switch for battery economy. Available with optional 4-speed phono top. Battery and AC cables supplied.

SPECIFICATIONS: TUBES: 3-12AX7, 2-6L6GB and 2-6X5GT (Rectifiers). **HEAVY DUTY VIBRATOR.** **POWER OUTPUT:** 30 watts. **INPUTS:** 4; 2-Microphone and 2-Phono. **INPUT GAIN:** Microphone 125 db 4.7 Meg; Phono 80 db 5 Meg. **FREQUENCY RESPONSE:** \pm 1 db, 20-20,000 cps. **BASS:** \pm 15 db at 50 cps. **TREBLE:** \pm 15 db at 10,000 cps. **HUM LEVEL:** 65 db below rated output. **CONTROLS:** 8;

Microphone-1; Microphone-2; Phono; Bass, Treble; Power off-on for DC; Combination off-on for AC and standby economizer switch for DC; 6-12 volt function switch. **OUTPUT IMPEDANCES:** 4, 8, 16, 500 ohms and 70 volt line. **POWER CONSUMPTION:** 130 watts, 117 v. 50/60 cycle AC; 6 v. battery 24A; 12 v. battery 12A; fused separately. **POWER CABLES:** 1-AC cable and 1-DC cable. **SIZE:** 16" w, 10" h, 10" d. **SHIPPING WEIGHT:** 25 lbs.

LAFAYETTE MODEL PA-64—Amplifier complete with Tubes.....Net 91.50

4-SPEED PHONO TOP

For the PA-64 amplifier. Fits in place of cover. Plays all 4 standard speeds—16 2/3, 33 1/3, 45 and 78 rpm. Constant speed motor, turnover ceramic cartridge with dual precious-metal styli. With arm-rest, AC cord and plug, output cable and plug. Shpg. wt., 10 lbs.

PA-67—4-Speed Phono Top.....Net 18.95



PA-64 91.50 LESS PHONO TOP

SHIPPING WEIGHTS IN THIS CATALOG ARE APPROXIMATE

Lafayette PUBLIC ADDRESS SYSTEMS

DUAL SPEAKER 18-WATT PORTABLE SYSTEM

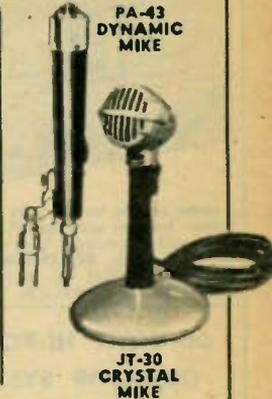
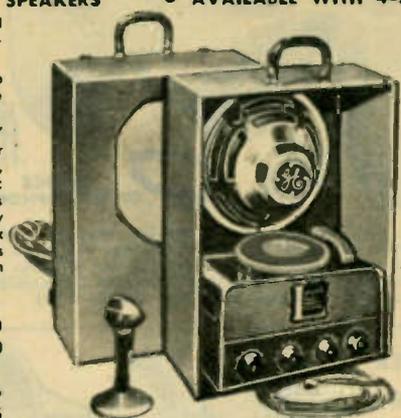
- CHOICE OF CRYSTAL OR DYNAMIC MIKE
- GE 25-WATT SPEAKERS
- AVAILABLE WITH 4-SPEED PHONO TOP

A complete 18-watt Dual Speaker (2-GE 25-watt 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.

AND DON'T FORGET LAFAYETTE'S MONEY-BACK GUARANTEE: If you don't agree that Lafayette's Sound System meets every claim we make for it—send it back—anytime within 15 days—and Lafayette will refund every penny—less only transportation charges!

COMPLETE PORTABLE SYSTEM, READY TO OPERATE, INCLUDES: 2 GE 25-watt 12" PM Speakers; the feature-packed 18-watt Model PA-61 amplifier; your choice of the popular Astatic Model JT-30 crystal mike complete with desk stand and 10' cable with connector, detachable from stand for use as a hand mike, or the Model PA-43 high impedance dynamic microphone with 7' cable and connector and with removable swivel-type stand adapter; plus 2-35' speaker cables and plugs. Portable carrying case mounts the entire system conveniently for carrying and for use, covered with high quality dark blue leatherette; size 22½" h x 16½" w x 15" d. For 110-130 volts, 60 cps AC operation. Shpg. wt., 50 lbs. (All systems available with any other microphone at additional cost. For other mikes, see mike pages in index).

- LAFAYETTE PA-80—18-watt Portable System, Less Phono Tap, complete as described with JT-30 microphone.....Net **79.50**
- LAFAYETTE PA-81—Same as above, with Lafayette PA-43 dynamic mike.....Net **79.50**
- LAFAYETTE PA-82—Same as above, with 4-speed phono top and Astatic JT-30 mike.....Net **96.25**
- LAFAYETTE PA-83—Same, with 4-speed phono top and Lafayette PA-43 mike.....Net **96.25**



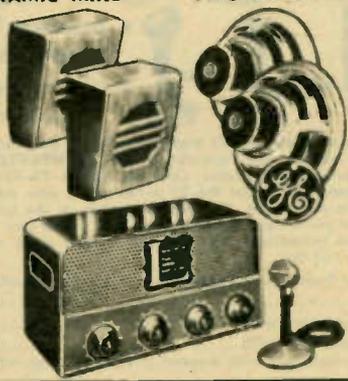
DUAL SPEAKER 18-WATT PERMANENT SYSTEM

- TWO GE 25-WATT SPEAKERS
- CHOICE OF CRYSTAL OR DYNAMIC MIKE
- TWO POLISHED WALNUT WALL BAFFLES

Excellent for a great many public address, paging and sound reinforcement applications, the Lafayette 18-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 AMPLIFIER IS UNCONDITIONALLY GUARANTEED FOR ONE FULL YEAR.**

THE COMPLETE PERMANENT SYSTEM INCLUDES: One 18-watt Model PA-61 amplifier, complete with tubes; 2-GE 25-watt 12" PM speakers; 2-35' speaker cables and plugs; 2 polished walnut wooden wall baffles; your choice of either the Astatic JT-30 crystal microphone complete with detachable desk stand for desk, table top or hand use, or the Lafayette Model PA-43 high impedance dynamic hand microphone, proof against temperature and humidity conditions and complete with 7' cable and connector and with removable swivel-type stand adapter. For 110-130 volts, 60 cps AC use. Shpg. wt., 45 lbs.

- LAFAYETTE PA-84—18-watt Permanent System, Less Phono Tap, complete as described with JT-30 microphone.....Net **73.50**
- LAFAYETTE PA-85—Same as above, with Lafayette PA-43 dynamic microphone.....Net **73.50**
- LAFAYETTE PA-86—Same, with built-in 4-speed phono tap and with Astatic JT-30 mike.....Net **89.50**
- LAFAYETTE PA-87—Same, with 4-speed phono top and Lafayette PA-43 mike.....Net **89.50**



Recommended for lectures, schools, churches, night clubs. Just the right size for small manufacturing plants, offices, garages, bingo, missions.

DUAL SPEAKER 32-WATT PORTABLE SYSTEM

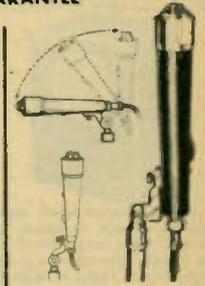
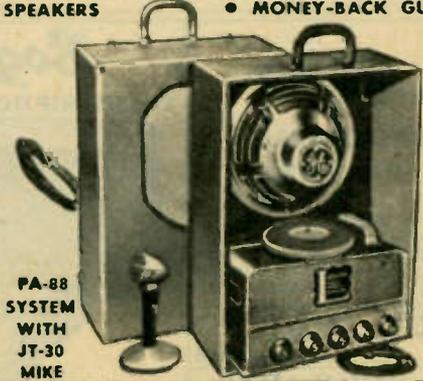
- CHOICE OF CRYSTAL OR DYNAMIC MIKE
- TWO GE 25-WATT SPEAKERS
- MONEY-BACK GUARANTEE

The 32-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 32-WATT PORTABLE SYSTEM INCLUDES: The outstanding feature-filled Lafayette Model PA-62 32-watt amplifier; 2-GE 25-watt PM speakers; 2-35' speaker cables and plugs; your choice of the popular Astatic Model JT-30 crystal mike with detachable desk-stand for desk-top or hand use or the excellent new Lafayette Model PA-43 dynamic mike with removable swivel-type adapter for desk or floor stands; and the handsomely designed split-type portable carrying case covered in high quality dark blue leatherette. Size of case 22½" h x 16½" w x 15" d—provides a secure place for all the system components. For 110-130 volts, 60 cps AC operation. Shpg. wt., 55 lbs.

- LAFAYETTE PA-88—32-watt Portable System, Less Phono Tap, complete as described with Astatic JT-30 crystal microphone.....Net **89.50**
- LAFAYETTE PA-89—Same as above, with Lafayette PA-43 microphone.....Net **89.50**
- LAFAYETTE PA-90—Same, with 4-speed phono tap and JT-30 mike.....Net **113.00**
- LAFAYETTE PA-91—Same, with 4-speed phono top and Lafayette PA-43 microphone.....Net **113.00**



PA-88 SYSTEM WITH JT-30 MIKE

PA-43 DYNAMIC MIKE WITH SWIVEL ADAPTER

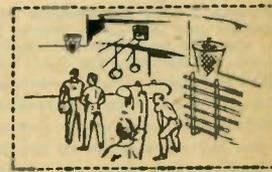
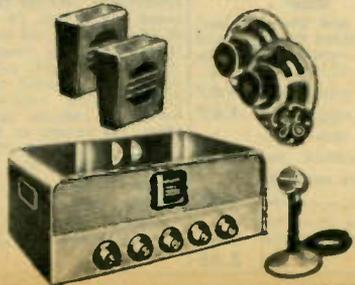
DUAL SPEAKER 32-WATT PERMANENT SYSTEM

- CHOICE OF CRYSTAL OR DYNAMIC MIKE
- 2 GE 25-WATT SPEAKERS & WALL BAFFLES
- 70 FT. OF SPEAKER CABLE

This permanent sound system is especially designed for large halls, airports, medium-sized industrial paging systems, loading platforms, department store music and paging systems, restaurant music, and railroad stations. The heavy duty Model PA-62 32-watt amplifier will give you exceptional results and assures top quality performance under all operating conditions. **OUR LOW PRICE AND OUR ONE YEAR GUARANTEE** make this system a "best buy" in P.A.

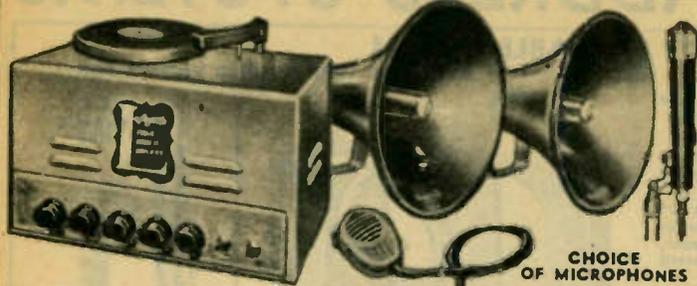
COMPLETE SYSTEM CONSISTS OF: The PA-62 32-watt amplifier complete, available with or without 4-speed phono tap; 2-GE 25-watt 12" PM speakers; 2-35' speaker cables and plugs; your choice of the Astatic JT-30 crystal microphone or the Lafayette PA-43 dynamic microphone; 2 wood wall baffles handsomely finished in walnut. For 110-130 volts, 60 cps AC. Shpg. wt., 50 lbs.

- LAFAYETTE PA-92—32-watt Permanent System, Less Phono Tap, complete as described with Astatic JT-30 crystal microphone.....Net **84.95**
- LAFAYETTE PA-93—Same as above, with PA-43 dynamic microphone.....Net **84.95**
- LAFAYETTE PA-94—Same, with 4-speed phono tap and JT-30 mike.....Net **99.95**
- LAFAYETTE PA-95—Same, with 4-speed phono top and PA-43 mike.....Net **99.95**



The most popular system for schools, RR waiting rooms, gyms, churches, noisy factories. Ideal for rentals.

Lafayette Economy PUBLIC ADDRESS SYSTEMS



30-WATT MOBILE OUTDOOR SYSTEM

- FOR 6V-12V BATTERY, 117V AC
- WITH OR WITHOUT 4-SPEED PHONO TOP
- CHOICE OF EITHER OF 2 DYNAMIC MIKES

COMPLETE MOBILE SYSTEM INCLUDES:—The Lafayette Model PA-64 30-watt mobile amplifier complete; a set of AC and battery cables; 2 University MA-25 driver units and PH reflex trumpets; your choice of the famous Shure "Ranger" series Model 505C high impedance dynamic mike with push-to-talk switch and 3' cable, or the new Lafayette Model PA-43 slim high impedance dynamic with removable swivel adapter for floor or desk stand, talk switch and 7' cable; PLUS 2-35' speaker cables and plugs. Shpg. wt. 75 lbs.

2 sound systems for the price of 1, with plenty of power for any job, whether mobile or indoor. Provides coverage for areas up to 100,000 square feet. Operates from any 6 volt or 12 volt automobile, truck or bus storage battery or from 110-130 volts 60 cycles AC; 30 watts output. REMEMBER: THE AMPLIFIER IS UNCONDITIONALLY GUARANTEED AGAINST DEFECTS IN MATERIAL AND WORKMANSHIP FOR 1 FULL YEAR AND COMPARE OUR PRICE!

LAFAYETTE PA-120—Complete Mobile System, Less Phono Tap, as described with Shure 505C microphone.....	Net 174.50
LAFAYETTE PA-121—Same, with Lafayette PA-43 microphone.....	Net 162.00
LAFAYETTE PA-122—Same, with 4-speed phonograph top and 505C mike	Net 192.50
LAFAYETTE PA-123—Same, with 4-speed phono tap and PA-43 Mike	Net 179.50

60-WATT HI-POWER OUTDOOR SYSTEM



- DESIGNED FOR HEAVY CONTINUOUS DUTY
- CHOICE OF 1 OF 3 MICROPHONES

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 60-WATT OUTDOOR SYSTEMS INCLUDES:** The conservatively-rated Lafayette Model PA-63 60-watt amplifier complete; 4 University Model PH trumpets with Model MA-25 driver units; your choice of the Astatic JT-30 crystal microphone with detachable desk stand, 10' cable and plug, or the Lafayette PA-43 high impedance dynamic mike with removable swivel-type stand adapter, talk switch and 7' cable and plug, or the high quality Astatic GT-3 crystal microphone with grip-to-talk desk stand and with 6' cable. For 110-120 volts, 60 cps AC. Shpg. wt., 115 lbs.

LAFAYETTE PA-126—60-watt Outdoor System, Less Phono Tap, complete as described with Astatic JT-30 microphone.....	Net 217.75
LAFAYETTE PA-127—Same, less phono tap, with PA-43 dynamic mike.....	Net 217.75
LAFAYETTE PA-128—Same, with Astatic GT-3 mike.....	Net 229.50
LAFAYETTE PA-129—60-watt system, complete with 4-speed phonograph top, with JT-30 mike.....	Net 235.00
LAFAYETTE PA-130—Same, with phono tap, with PA-43 dynamic mike.....	Net 235.00
LAFAYETTE PA-131—Same, with GT-3 mike.....	Net 247.00

10-WATT FIXED P.A. SYSTEM



- 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 SYSTEM INCLUDES:**—The new Lafayette Model PA-60 10-watt amplifier complete; your choice of either the Astatic JT-30 crystal microphone complete with detachable desk stand, 10' cable and connector, or the new Lafayette Model PA-43 weatherproof, blast-proof slim dynamic mike complete with talk switch, detachable swivel-type stand adapter and 7' cable and connector; 8" heavy duty PM speaker; 35' speaker cable and plug; and attractive polished walnut 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).

LAFAYETTE PA-124—Complete 10-watt Permanent System, as described with Astatic JT-30 Crystal Microphone.....	Net 38.50
LAFAYETTE PA-125—Same as above, with Lafayette PA-43 dynamic microphone.....	Net 38.50



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 Z hooks in each half for carrying speaker cables and provision for mike and mike base. 4 snap locks. Inside dimensions 20 1/2" h, 15-9/16" x 14 3/4" d. Covered in dark blue washable leatherette. Shpg. wt., 20 lbs.

PA-S1 CASE.....	Net 14.25
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SWITCHCRAFT "MINI-MIX"

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 2-1/6" x 1-13/16" x 1-1/16"	
320—Microphone connector inputs and output.....	Net 4.67
310—Phone jack inputs and phone plug output.....	Net 4.67
8266—Cable assembly with plug and jack to use No. 310 where equipment jack is recessed.....	Net 2.20
315—Phone jack inputs and microphone connector output.....	Net 4.67
325—For recorders or amps using Jones connectors including recessed type in Webster Tape Recorders	Net 5.85

Bogen TRANSCRIPTION PLAYERS



MODEL VP17X HI-FI—Perfect for dance or language instruction, square dancing, callisthenics; features continuously variable speed control from 29 to 86 rpm, notched at 16-2/3, 33 1/3, 45 and 78 rpm. Includes 10 watt amplifier (response 40-12,000 cps ± 1 1/2 db), 12" speaker, 25' speaker cable, GE magnetic cartridge with dual sapphire styl, built-in preamplifier—all housed in carrying case with removable cover. For records up to 16". Mike input. For 117 volts, 60 cps AC. Size 17" x 14 1/4" x 12 3/8". Shpg. wt., 40 lbs.	Net 136.43
Bogen VP17X.....	Net 136.43
MODEL VP17—Same as VP17X but less preamp; with wide-range piezo-electric cartridge with dual sapphire styl	Net 126.08

University POWRPAGE

PORTABLE SOUNDCASTING SYSTEMS

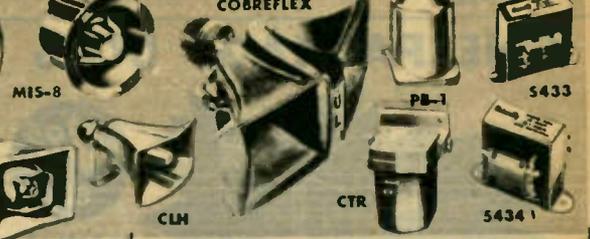
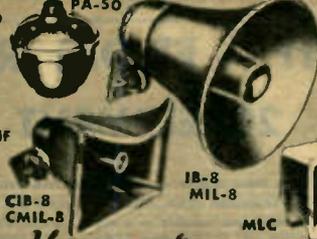


MODEL PP-1 PORTABLE POWRPAGE
A highly compact and efficient portable sound reinforcement system. Ideal for police and fire departments, civil defense, railroads, sporting events. High efficiency, high output reflex speaker projects sound in any desired direction. Hand microphone with 11' cable for freedom of movement. "Powrcover" press-to-talk switch controls entire system for instantaneous operation without warmup or power waste. Equipped with comfortable carrying handle and convenient microphone clip. Battery housing serves as base for the entire assembly. Uses standard 6 volt lantern batteries (Burgess F4H, RCA VS040C, or equivalent). Shpg. wt., 8 lbs. (less batteries).
UNIVERSITY PP-1—Less batteries..... Net 68.35

MODEL PP-2 PISTOLGRIP POWRPAGE
Aim, press, talk—projects clear, powerful sound in any direction. Only 4 1/2 lbs. including batteries. Pistolgrip, with microphone built into horn base, allows ready, one-hand use. Ideal for marine, construction, auctions, carnivals. Slim handle holds pencil batteries. Has "Powrcover" press-to-talk switch and requires no warm-up time; ultra-conservative in its use of power. Weatherproof, high efficiency and high output reflex horn. Built-in socket for connection to 6 or 12 volt battery of boat or auto. Shpg. wt., 5 lbs. (less batteries).
UNIVERSITY PP-2—Less batteries..... Net 63.70

University TRUMPETS • DRIVERS • SPEAKERS

GH-LH-PH-SMH
REFLEX
TRUMPETS



University REFLEX TRUMPETS

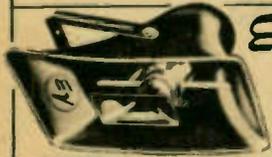
High efficiency directional projector horns made of heavy gauge spun aluminum. Weather proof, gray finish. With universal "U" type mounting bracket, less driver unit.

Mdl.	Diom.	Lng.	Cutoff	Air Col.	Shpg. Wt.	Net
GH	30 3/4"	27 3/4"	85 cps	6 1/2"	22 lbs.	38.22
LH	25 1/2"	19"	120 cps	4 1/2"	16 1/2 lbs.	26.17
PH	20 1/4"	15 1/4"	150 cps	3 1/2"	11 1/4 lbs.	18.23
SMH	16 1/4"	12"	200 cps	2 1/2"	8 lbs.	15.29

University WIDE-ANGLE TRUMPETS

Reflex type with long air column. Wide angle projectors for exceptionally good speech articulation. Cobreflex has dual exponential flare design with 2 identical 1-piece aluminum castings. CLH has long air column, wide angle bell for low frequency response, and omnidirectional mounting bracket for both vertical and horizontal rotation. Both units use any University driver.

Model	LO Cutoff	Air Col.	Depth	Shpg. Wt.	NET
COBREFLEX	200 cps	2 1/2"	12 1/4"	10 1/2 lbs.	22.55
GLH	120 cps	4 1/2"	20"	15 lbs.	26.17



Electro-Voice

COMPOUND DIFFRACTION PROJECTORS
• BLASTPROOF
• WEATHERPROOF
• INDESTRUCTIBLE

Coaxial horns achieve full range peak-free sound with voice and music. A single diaphragm drives both horns. High efficiency, wide angle. Bell: molded fibreglass.

Model 848 25-Watt CDP — Response 200-10,000 cps. 120° dispersion. 16 ohms. With bracket, 10 1/2"W x 20 1/2"H x 20"D. Shpg. wt. 17 lbs.

E-V 848 Net 44.10

Model 847 12-Watt CDP — Similar to 848. Response ± 5 db 300-10,000 cps. Dispersion angle 135°. Voice coil 16 ohms. 11 3/4"W x 7 3/4"H x 10"D. Shpg. wt., 7 lbs.

E-V 847 Net 27.24

ELECTRO-VOICE ACCESSORIES

870 12-Watt Line Matching Transformer — Mounts on 847. Primary taps 45/500/2500/5000 ohms; 70 volt line taps 12/8/4/2/1 watts, 2 1/2" x 2 1/2" x 3". Shpg. wt., 2 lbs. Net 7.06

876 25-Watt Line Matching Transformer — In weatherproof case; mounts on 848. Primary taps 45/200/500/1000/2000 ohms; 70 volt line taps 25/10/5/2.5 watts. 3 1/2" h x 5 1/2" dia. Shpg. wt., 3 lbs. Net 9.70

877 Line Matching Transformer — Same as 876, has thermal bimetallic switch protection against overload. Net 10.29

879 Joining Kit — For fastening projectors in a multiple array. Use 1-Model 879 Kit for each junction. Shpg. wt., 1 lb. Net 1.62



LOWELL 360° CEILING BAFFLES

Surface-mounting ceiling baffles of spun aluminum. Diffuser cone with "floating conical action" gives full 360° sound coverage. Ideal for restaurants, department stores, cocktail lounges, etc. Internally lined with 3/4" munt to prevent metallic resonance. Lacquer-coated. Joins on any normal height ceiling with 4 toggle bolts.

LOWELL MODEL BL6-A—For 6" speakers. 12 1/4" diam. x 7 1/4". Shpg. wt., 7 1/2 lbs. Net 7.64

LOWELL MODEL BL8-A—For 8" speakers. 14 1/4" diam. x 8 1/2". Shpg. wt., 9 1/2 lbs. Net 12.94

LOWELL MODEL BL12-A—For 12" speakers. 18 1/4" diam. x 9 1/4". Shpg. wt., 11 1/2 lbs. Net 15.88

University DRIVER UNITS

For all University trumpets. Hermetically sealed, tropicalized and weatherproof. MA-25 for general PA work; SA-HF for wider-range tonal response, superior noise penetration and greater efficiency; SA-30 similar to SA-HF but has built-in line matching transformer; PA-HF has highest efficiency and power rating; PA-50 similar to PA-HF, with built-in line matching transformer. PA-50 transformer taps: 2000/1000/500/250/165/100 ohms; 2.5/5/10/20/30/50 watts. SA-30 transformer taps: 2000/1000/500/250/165/45 ohms; 2.5/5/10/20/30 watts

Model	Response (CPS)	Watts	Lbs.	Shpg. Wt.	Net
MA-25	85-6500	25	3 3/4"	16.17	
SA-HF	80-10,000	30	4 1/2"	21.17	
SA-30	80-10,000	30	5 1/4"	27.93	
PA-HF	70-10,000	50	5 3/4"	27.93	
PA-50	70-10,000	50	6 1/4"	33.81	

MODEL MLC COAXIAL SPEAKER SYSTEM — For music and paging. Exceptionally natural sound. 15 watts; 150. 15,000 cps; 120° dispersion; 8 ohms; 12 1/4"W x 9 1/8"H x 10 1/2"D. Shpg. wt., 10 lbs. Net 32.05

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 2-15/16" x 1-15/16". 2 1/2" centers. Fits into CTR housing. Shpg. wt., 1 lb. Net 4.12

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 3/4" x 1-15/16" x 1 3/4"; 2" centers. Fits CTR and PB-1 housings. Shpg. wt., 3/4 lb. Net 3.53

MODEL CTR TRANSFORMER HOUSING AND JUNCTION BOX — Die-cast aluminum; weatherproof. Mounts on wall or trumpet "U" bracket or will hold any University paging speaker. Shpg. wt., 2 lbs. Net 4.70

MODEL PB-1 TRANSFORMER HOUSING — Waterproof, weatherproof. For MIL, CML, IB and CIB paging speakers. Shpg. wt., 1 lb. Net 2.20

MIKE STAND

Economical desk stand. Chrome plated; heavy cast base finished in gray wrinkle. 4 1/2" diam., 7" h. Felt pad; 3/8" — 27 thread; adjustable collar. Shpg. wt., 2 lbs. Net 1.29



PAGING & TALK-BACK SPEAKERS

Small, highly-efficient horns and drivers for maximum penetration in noisy and large areas. Weatherproof. MODEL IB-8 — Response 300-13,000 cps; power capacity 15 watts; 8 ohm voice coil; 90° dispersion angle; Sensitivity as talkback — 26dbm re 10 dynes/cm². 8 1/2" diam., 9" deep. Shpg. wt., 4 lbs. Net 20.29

Model IB-45 — Same as above, 45 ohm voice coil. Net 21.17

MODEL MIL-8—Similar to IB-8. Rated at 5 watts. 120° dispersion, — 23 dbm sensitivity, 6 3/4" diam., 7" deep, 8 ohm voice coil. Shpg. wt., 3 1/4 lbs. Net 15.17

University MIL-8 Net 15.17

Model MIL-45 — Same, 45 ohm Net 16.02

MODEL MIS-8 — Compact reflex speaker similar to MIL-8 but designed for flange or flush mounting. Cork-neoprene gasket supplied. 8 ohms. 5 1/2" o.d., 4-7/16" deep. Net 14.11

University MIS-8 Net 14.11

Model MIS-45—Same, 45 ohm Net 14.85

WIDE ANGLE SPEAKERS

MODEL CIB-8—Swivel mtg. bracket. Similar to IB-8 but for wide-angle distribution. Dispersion 120° x 60°. 7 3/4" H x 14" W x 12" D. Shpg. wt. 5 1/2 lbs. 8 ohm voice coil. Net 24.70

University CIB-8 Net 24.70

Model CIB-45—Same, 45 ohm Net 25.58

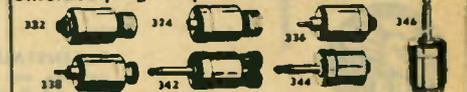
MODEL CML-8 — Similar to MIL-8 but for wide angle sound. Dispersion 120° x 60°. Swivel mtg. 6 1/4" H x 9 1/2" W x 8 1/2" D. 8 ohm voice coil. Shpg. wt., 4 lbs. Net 17.49

University CML-8 Net 17.49

Model CML-45 — Same, 45 ohm Net 18.23

SWITCHCRAFT ADAPTERS

Shielded plug adapters for mikes a hi-fi cables



332 — Phone jack input, female mike connector output. Net 1.05

334—RCA phono jack input, female mike connector output. Net .87

336—Phone jack input, RCA phono plug output. Net .87

338—Male mike connector input, RCA phono plug output. Net .87

342—Dual-purpose binding post/banano jack input, phone plug output. Net 1.56

344—RCA phono jack input, phone plug output. Net .87

346—Tip jack input, phone plug output. Net 1.29

ATLAS MICROPHONE STANDS

"FULL GRIP" MIKE STANDS

The "full-grip" clutch mechanism and smooth-acting telescoping tube, permit fast, quiet adjustments at all times without wear or slipping. Height adjustment from 35" to 64". Gray swivel base gives maximum stability and includes self-leveling, shock-absorbing base pads plus three additional "anti-tip" points located between the base pods. Full chrome plated tube assemblies for lifetime wear. Base diameter 10". All models terminate in a 3/8" — 27 thread. Shpg. wt., 9 lbs.

Atlas Model MS-10C Net 5.73

Same as above except heavier and with tube extension to 65". Shpg. wt., 12 lbs.

Atlas Model MS-12C Net 6.17

Same as above except full chrome finish on base and tube.

Atlas Model MS-11C Net 7.64

MODEL TS-6 ADJUSTABLE — A decorative and fine appearing stand suitable for use on a banquet table. Uses "full grip, velvet action" control adjustable from 18" to 32". Full chrome finish base and tube assembly. Base diameter 8". Supplied with base pads.

Atlas TS-6 — Shpg. wt., 5 lbs. Net 5.29

"VELVET ACTION" DESK STANDS

MODEL DS-5 FIXED — Same finish and workmanship as floor models. 6" fixed height. Base diameter 6". Felt base pads.

Atlas DS-5—Shpg. wt., 2 lbs. Net 1.76

MODEL DS-7 ADJUSTABLE — From 8" to 13". Uses heavy duty 3/8" and 7/8" tubing. Atlas DS-7—Shpg. wt., 3 lbs. Net 2.94

DEMOUNTABLE FLOOR STANDS

Stable, tripod leg design. May be disassembled easily without tools and stored in portable amplifier system or portable speaker case or carried with tape recorder, etc. Spring-lock mechanism. With "Full-Grip" and "Velvet Action" features. Self-leveling legs, chrome plated, skid-proof shock-absorbent bumpers.

Atlas Model CS-32 — 2-piece demountable stand. Height adjustable 36-64 in. Shpg. wt., 5 lbs. Net 6.38

Atlas Model CS-33 — 3-piece demountable stand. Adjustable 26-64 in; can be collapsed to 22 1/2". Shpg. wt., 4 lbs. Net 6.91



"COME-APART" FLOOR STANDS CS-32 CS-33

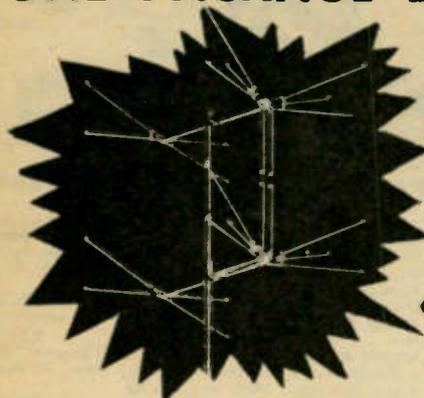
"VELVET-ACTION" DESK STANDS TS-6 DS-5 DS-7

"FULL-GRIP" FLOOR STANDS MS-10C MS-11C MS-12C

Lafayette ANTENNAS and "U-INSTALL-IT" KITS!

ONE PACKAGE DOES IT — FROM ROOF TO RECEIVER

20 ELEMENT STACKED CONICAL



\$4.95
ea.

In Lots of 3
singly.
\$5.25



The most dealer approved antenna ever designed. Hundreds of thousands in use — in every type of reception area. Made expressly for Lafayette Radio to resell at the lowest possible price. Unquestioned quality — a real "profit maker" for the active service dealer. 20 aircraft aluminum elements — including hi-frequency stubs plus matching Q bars. Easy to assemble. Covers all VHF channels. You can insure reception with a 2 bay installation for the price of a single bay antenna. A full sized conical at 1/2 sized prices. Shpg. wt., 8 lbs.

AN-10 Singly ea. **5.25**
Lots of 3, ea. **4.95**

"U-INSTALL-IT" KIT — Includes full 20 element stacked conical and installation kit as shown with 2 5-ft. masts. Shpg. wt., 18 lbs.

AN-31 Net **7.47**

SNAP OPEN 20 ELEMENT CONICAL

- ALL ALUMINUM
- NO LOOSE PARTS
- FASTEST INSTALLATIONS

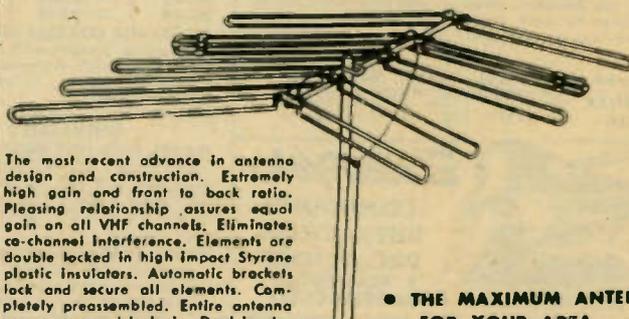
Best antenna deal yet for servicemen-dealers-and installation specialists. All the most wanted features. Quickest-easiest installation possible. No loose hardware. All elements snap open and lock in without tools. Most efficient conical design for all reception areas. Two complete bays with Q bars, less mast. Shpg. wt., 8 lbs.

AN-28 Singly ea., **6.20**
Lots of 3, ea., **5.55**

"U-INSTALL-IT" KIT. Includes AN-28 antenna and Installation Kit as shown with 2-5 ft. masts. Shpg. wt., 18 lbs.

AN-32 Net **8.64**

NEW! SUPER FRINGE AREA ANTENNA



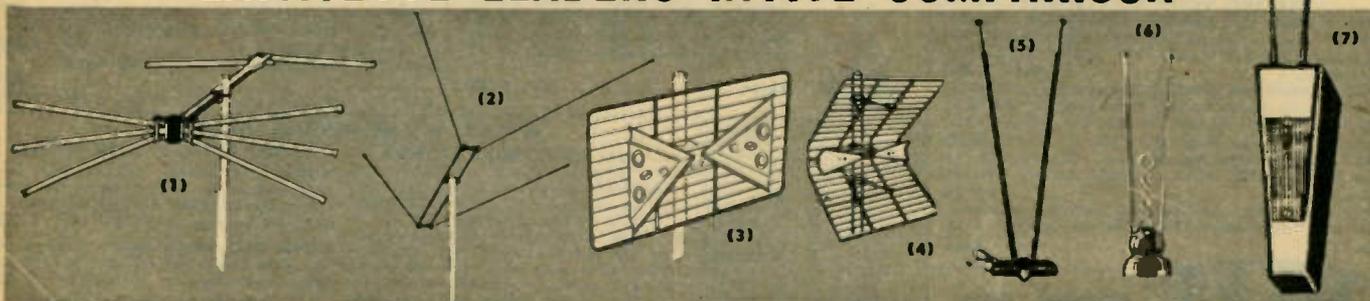
The most recent advance in antenna design and construction. Extremely high gain and front to back ratio. Pleasing relationship assures equal gain on all VHF channels. Eliminates co-channel interference. Elements are double locked in high impact Styrene plastic insulators. Automatic brackets lock and secure all elements. Completely preassembled. Entire antenna snaps open and locks in. Dual insulators prevent waver, slip and twist of elements. All aluminum construction. Single bay. Less mast. Shpg. wt., 12 lbs.

- THE MAXIMUM ANTENNA FOR YOUR AREA.

- MAXIMUM CONSTRUCTION.
- PERFECT 300Ω MATCH ON EACH CHANNEL.

AN-37 Net **14.55**
AN-38 2 Bays stacked Net **29.58**

LAFAYETTE LEADERS INVITE COMPARISON



8 Element Conical (1): All-aluminum 8 element conical. Full sized. Rugged insulator block. Designed for rapid assembly. Fan front of 6 full length elements. Real value. Shpg. wt., 4 lbs.

AN-11 Singly, ea. **2.60**
Lots of 3, ea. **2.40**

"U-Install-It" Kit: Includes AN-11 and installation kit as shown with one 5 ft. mast. Shpg. wt., 11 lbs.

AN-33 Net **4.82**

Vee Beam (2): Popular primary area antenna. Rugged aluminum construction. Light weight—easiest to install. Sharply directional. Shpg. wt., 4 lbs.

AN-21 Net **2.49**

AN-20 2 Bays stacked Net **4.95**

UHF Bow Tie (3): Preassembled-time saving design. Just unfold—tighten—and erect. Embossed aluminum elements. Single U-Bolt installation. Free spare terminals. Shpg. wt., 3 lbs.

AN-26 Net **1.85**

UHF Corner Reflector (4): Efficient corner reflector design. Factory preassembled. Fast, easy dual U-Bolt installation. All welded reflector screen. Embossed aluminum elements. Shpg. wt., 3 1/2 lbs.

AN-27 Net **2.89**

3 Section Indoor Antenna (5): Adjustable indoor antenna. 3 section aluminum shafts. Heavy, crackle finish base. Complete with 300Ω twin lead. Shpg. wt., 2 1/2 lbs.

Singly, ea. **1.15**

AN-12 In lots of 3, ea. **.99**

Switch Type Indoor Antenna (6): Most popular indoor—6 position switch and crisscross phasing elements. For VHF-UHF-FM. Three section brass elements. Extra heavy base. Bakelite ball housing. With 300Ω lead in wire. Shpg. wt., 3 lbs.

AN-39 Net **1.99**

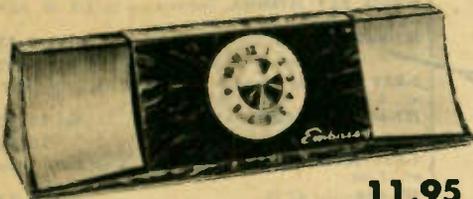
PORTA-TENNA (7): A universal antenna with disappearing dipoles. For portable and stationary TV sets. When not in use dipoles disappear behind TV set. Can be turned in full 360° circle for orientation. Antenna can be placed anywhere on back of any TV set. 3 section, plated, telescoping dipoles. Complete with instructions, mounting hardware and lead in. Shpg. wt., 2 lbs.

AN-35 Net **1.59**

• ALL CHANNEL ANTENNAS •

Embassy

INDOOR TV ANTENNA



11.95

No other indoor TV antenna can match its beauty or equal its incomparable performance. A welcome addition to any home because no protruding gadgets mar its functional design.

UNCONDITIONAL MONEY BACK GUARANTEE

OUTSTANDING FEATURES

- EXCLUSIVE 12-POSITION DUAL CONTROL SWITCH
- 4-SECTION EXTRA LONG TELESCOPING ARMS
- REDUCES GHOSTS AND INTERFERENCE
- LOW-LOSS 6 FT. TRANSMISSION LINE GIVES MAXIMUM SIGNAL TRANSFER
- MORE POWERFUL THAN OTHER INDOOR ANTENNAS
- TRANSLUCENT PLASTIC HOUSING RESISTS DIRT, DUST AND SMUDGES
- POLISHED AND LACQUERED ARM—NO TARNISHING AND DISCOLORATION

Available in Mahogany, Ebony or Ivory, (Specify color.) Shpg. wt., 4 lbs.

Embassy Antenna—(List 19.95) Net 11.95

Embassy Antenna-Clock—List 24.95 Net 19.95

Every all-channel antenna must perform to your satisfaction, or return the antenna within 30 days for a full refund of the purchase price... with no questions asked.

TV ANTENNA CLOCK



19.95

Combines the superlative performance and beauty of an indoor TV antenna, plus the convenience of an interference-free electric clock.

TV ANTENNA-CLOCK OPERATES ON 110V., 60 CYCLES AC, WITH 12 FT. CORD. COMPLETELY INSULATED TO PREVENT INTERFERENCE

11.95



SUPER-POWERED MODEL

NEW... IMPROVED

1957 MODEL

UP TO 100% MORE POWERFUL with 12-Position Dual Control Switch

The only indoor TV antenna with telescoping arms that extend to 104", 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. Brass arms and radar loops are lacquered to prevent tarnishing and discoloration. Translucent plastic base resists dirt, dust and smudges. Available in Mahogany and Ivory (specify). Shpg. wt. 4 lb.

Rembrandt Antenna—List 16.95 Net 9.95

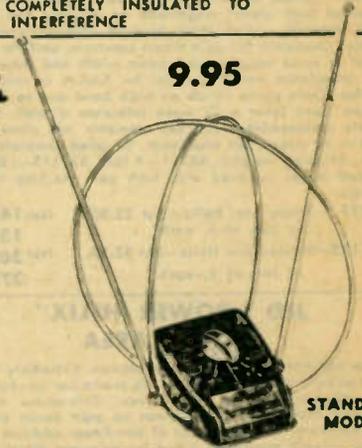
Deluxe, Super-Powered Model

With new exclusive dual power boosters. Increases signal strength and extends performance range beyond distance of any other indoor TV antenna.

Rembrandt Super-Powered Model—List 18.95 Net 11.95



9.95



STANDARD MODEL

ALL CHANNEL'S "RIVIERA" WORLD'S MOST POWERFUL ULTRA-FRIDGE VHF — UHF — FM ANTENNA

**GUARANTEED 200 MILE
VHF RECEPTION
OR YOUR MONEY BACK**

- Receives channel 2-83 from all directions without a rotor
- Broadband UHF-VHF and FM, motorless all direction reception
- 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 2-4 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 7/8" angle type mast insulators for Polymicalene line listed below. Shpg. Wt. 10 lbs.

ALL CHANNEL RIVIERA
LESS MA Net 22.05
In lots of 6 each 19.84

THE RIVIERA MUST BE USED WITH THE LOW LOSS LEAD IN WIRE LISTED BELOW

ALL CHANNEL'S MODEL AD2-8 FRINGE AREA ANTENNA

- Receives channel 2-83 from all directions without a rotor

The performance of the AD2-8 is exceeded only by its big brother the Riviera. Following the same basic principles as the Riviera it is designed for the same fine rotorless reception in fringe and near fringe areas. Uses 45" long 3/8" elements. The 9 position switch located at this set gives you a choice of nine antennas, 2 or more types for each direction. Comes complete with two stacked 8 element antenna array, 9 position switch, completely wired stacking harness and automatic impedance matching coupler. Requires all channel lead in wire listed below. Less mast. Shpg. wt. 7 lbs.

MODEL AD2-8—List 36.50 Net 14.95

ALL CHANNEL LEAD-IN WIRE FOR USE WITH RIVIERA AND AD2-8



Special All-Channel 4-Conductor Matched Impedance Transmission Line. Low-loss mica filled POLYMICALENE insulation and COPPERWELD conductors. WR-18, per foot 10c per 100 ft. 8.90



ALL CHANNEL COMPONENT PARTS

TS-229 9 Position Switch Net 5.93 Ea.
TS-230 Switch to Set Coupler Net .62 Ea.
TS-231 Stacking Harness Net 2.67 Ea.



COLOR Tennes-N.C.B. non color blind

JFD "FIREBALL" VHF-UHF INLINE

An economically priced broad band array with a sensational 11.5 db gain in a compact assembly that features high directivity, front-to-back and front-to-side rejection of unwanted signals for diis interference — free reception in both color and black and white on all channels. Wide spaced booster and parasitic elements assure maximum pick-up. All aluminum. Fast installation — flip-lock elements. Stacked array has special open-end booster transformer permitting close stacking for maximum high band response and electrical wide stacking for optimum low band. Shpg. Wt. single 5 lbs., stacked 10 lbs.

FB500 —Single—List 17.35	Net 10.20
In Lots of 6, each	9.18
FB500S —Stacked—List 36.65	Net 21.55
In Lots of 6, each	Net 19.39

JFD "STAR HELIX" NEAR FRINGE AREA

A VHF antenna for both black and white and color. New Hi-Plex folded dipole design transforms low band collector into 3 half wave length antennas that develop highest in-phase current on high band. This results in sustained high signal magnitude on all low and high band channels — plus sharp forward unidirectional response. Consistent flat gain across spectrum, uniform high signal to noise ratio, narrow beam width and close 300 ohm impedance match essential for fidelity in color reception. Gain up to 18 db on high band and to 11 db on low band (over a 1/2 wave reference dipole). Completely preassembled. Just flip elements into place. No tools — no screws. All aluminum. Supplied complete less mast. Shipping weights: SX711—9 lbs., SX711S—18 lbs. Stacked model supplied with high gain stacking transformers.

SX711 —Single Star Helix—List 22.50	Net 14.99
In Lots of 6, each	13.49
SX711S —Stacked Star Helix—List 52.50	Net 30.87
In Lots of 6, each	27.78

JFD "POWER HELIX" FRINGE AREA

A new concept in driven element design. Extremely high front-to-back ratios — up to 27 db minimizer co-channel and adjacent channel interference. Poly-phase triple resonator flat dipole system steps up gain across entire VHF spectrum. Helical section of non-linear additive collectors — each separately tuned for gain and directivity. Uniformly high signal-to-noise ratio—narrow beam width —uniform 300 ohm impedance match. All Aluminum completely pre-assembled. Hi-tension elements flip into place. Shpg. wt., 6 lbs.

PX-911 —List 35.00	Net 20.58
In Lots of 6, Each.	Net 18.52
PX-911S —Stacked Power Helix	
List 72.50	Net 42.63
In Lots of 6, Each.	Net 38.37

JFD "DO-DO" BROAD BAND VHF-UHF

The "DO-DO" is a remote fringe VHF stacked array of 6 dipoles and 10 reflector elements with 1/2 wave jumper harness. Very sharply directive and high gain over entire VHF band. All aluminum, rust proof construction. Partially pre-assembled for speedy installation. Shpg. wt. 14 lbs. Less mast.

JFD C3025 DO-DO , List 38.70	Net 22.75
In Lots of 6, each	20.58

SUPER "DO-DO"

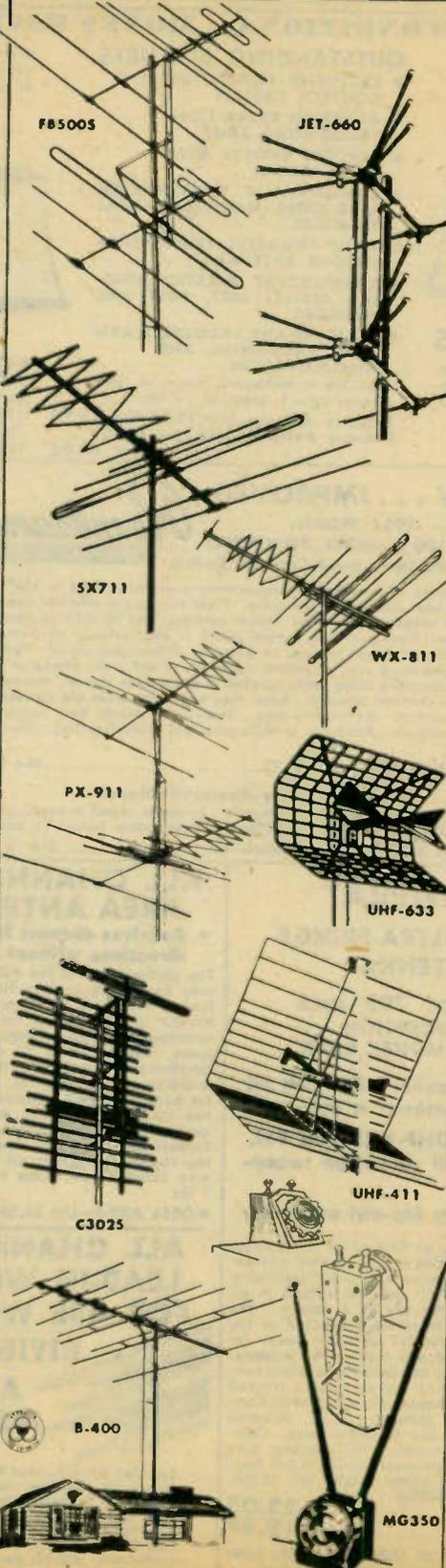
Similar to above but with 15 reflector elements and 1/2 wave jumper harness for real deep fringe areas, 17 lbs.

JFD 5C3025 —Super DO-DO, List 49.50	Net 29.11
In Lots of 6, each	26.20

JFD "BANSHEE" VHF-UHF INLINE

Exceptionally flat response — highly suitable for color or black and white. Above average side and back rejection. High gain twin driven 8-element Yagi configuration. Additional low band directors for extra channel 2 to 6 gain. 13 operative elements produce true Yagi performance on channels 7 to 13. Exclusive new Hi-Tension action "pops" all elements into place. No tools — no screws — just flip element into brackets. Less mast. Shpg. wt., 9 lbs.

JFD-B-400 —List 23.70	Net 13.94
JFD-B-400S —Stacked, List 47.45	Net 27.90



JFD CONICAL JETENNA

The all-aluminum Jetenna is completely pre-assembled to the smallest nut. Remarkable Jet action shoots forward six elements in special channels, locking them instantly in position. Aircraft aluminum elements are reinforced with solid aluminum dowels that will not swell or rot out. Cross arm of 1" square seamless aluminum. Aluminum brackets for year after year service without rusting.

SINGLE BAY JETENNA. Delivers up to 8.8 db gain. Shpg. wt., 4 lbs.

JET-660 —List 9.30	Net 5.47
In Lots of 6, each	4.92

2-BAY JETENNA. Delivers up to 12.5 db gain. Shpg. wt., 8 lbs.

JET-661 —List 19.25	Net 11.32
In Lots of 6, each	10.18

4-BAY JETENNA. Delivers up to 15.5 db gain. Shpg. wt., 7 lbs.

JET-664 —List 42.20	Net 24.71
In Lots of 6, each	22.32

JFD "WONDER HELIX" DEEP FRINGE AREA

Gain exceeds that of a double driven 5 element broad band yagi. Front to back ratio 10 to 1 on low band, 14 to 1 on high band. Specifically designed for color and black and white performance in deep fringe areas. Extremely narrow, unidirectional polar pattern. Helical section composed of separately tuned, individual, high gain, high band collectors. Phasing harness effects maximum power transfer. Preassembled, all-aluminum construction. Boom-braced with 1" tubing. Crossarm of 1" square tubing. Less Mast.

WX-811 —List 39.50	Net 23.23
WX-811S —Stacked List 82.50	Net 48.51

JFD UHF "MINI-COR"

This budget-priced corner reflector features a trigrid reflector that concentrates amazing signal power on the bowtie dipole from top, bottom and rear, giving an average gain across the UHF spectrum of 7.5 db. Stack two "Mini-Cors" with the aid of Free Balanced Line Matching Jumpers included with each bay and your average is 9 db, your top gain being 11 db. 20-to-1 front-to-back ratio produces strong forward response. Completely pre-assembled. Cadmium plated against rust. Shpg. wt., 3 lbs.

UHF-633 —List 5.80	Net 3.41
In Lots of 6, each	3.07

JFD UHF "ULTRA-BRIDGE"

For 40-mile reception of channels 14 thru 83. Gain (over 1/2 wavelength folded reference dipole) averages 8-12 db, across the UHF spectrum. Delivers the power needed for brilliant reception in reflector-riddled fringe areas. Notice its anti-vibration braced reflector design which offers a 7.5 db front-to-back ratio. Neatly and compactly pre-assembled. Flips open like a book for instant installations. Cadmium plated against corrosion. Shpg. wt., 2 lbs.

UHF-411 —List 7.90	Net 4.65
In Lots of 6, each	4.18

JFD "MAGIC GENIE" INDOOR ANTENNA

Here is the beautiful new look in indoor antennas. Enjoy the finest Indoor TV reception without sacrificing room decor. A 12-position golden electronic selector tunes in sharp, crisp pictures on all channels, tunes out ghosts and interference. Tune your favorite station with the selector and see how the exclusive patented circuit "clarifier" intensifies picture contrast and sharpens picture detail. Designed for both color and black and white TV broadcasts. It has two, four-section ball-socket telescoping dipoles that give unlimited dipole angle and position combinations — higher gain in less space. Attaches easily and permanently to back of any TV set — portable, table model or console. Hank of transmission line from element box is equipped with spade lugs for convenient connection to receiver antenna terminals. Shpg. wt., 3 1/2 lbs. List \$17.95. Unconditionally guaranteed.

MG350 —JFD "Magic Genie" Antenna (Mahogany)	Net 11.95
MG150 —JFD "Magic Genie" Antenna (Money Blende)	Net 11.95

Lafayette Radio

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Use our convenient order blank (additional blanks sent on request). Please write in ink, legibly, and not more than ONE item to a line. Make sure you write our exact stock or the manufacturer's number and that the price is the one quoted for the item you want. Specify how we shall make shipment by checking the preferred square "Parcel Post", "Express" etc. We shall follow your instructions, but will change them wherever required because of carriers' regulations, or if such change is in your better interest.

Please write all correspondence or remarks not related to your order on a separate sheet of paper. Make sure you include sufficient money for postage/shipping charges. All overpayments promptly refunded. Parcels not insured by the carrier are covered by private insurance.

NOTE: In many instances, especially in tabulated lists of merchandise, it is impossible to show shipping weights. Make your best estimate.

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We buy for cash and sell for cash; this explains our low price policy. We do not carry credit accounts, and we pass on to our customers all savings effected by the elimination of costly bookkeeping. Will ship C.O.D. if desired, providing a deposit of at least 25% accompanies your order. C.O.D. parcels may be shipped ONLY to places in the 48 states of the U. S. and to U. S. territories. Remittance in full saves you extra collection costs.

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All orders from outside of the continental United States should be marked to the attention of our Export Department. All prices on such orders are net, F.O.B. our New York City warehouse, subject to change without notice. The order should be paid by either confirmed, irrevocable letter of credit, or by a remittance in United States dollars on a New York bank, and should include enough to cover shipping, insurance, and consular expenses. All orders should have a minimum merchandise value of \$40.00. Goods are packed in cardboard cartons; for wooden export packing there is a slight additional charge. Please send all correspondence by air for faster service.

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Prices shown in our catalogs are net, and except where marked POSTPAID, do not include shipping costs. All discounts have been deducted, including 2% discount for cash. PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE; we give customers the benefit of all reductions taking place after the catalog is published. Orders are filled at prices in effect at time of shipment.

POSTPAID ITEMS

Please note that Postpaid items refer only to shipments made within the 48 states of the U. S. (U. S. possessions not included).

SENDING MONEY

The safest and best way to send money is by American Express, Postal or Telegraph Money Order, bank drafts or firm checks. Do not send cash. If absolutely necessary to remit cash, send by registered mail only.

RETURNING MERCHANDISE

This order blank will be returned to you upon shipment of your order. If you find it necessary to return any merchandise for adjustment, return the order form and any attached papers, stating the following: reason for return, when and where purchased, number and date of sales slip if purchased at salesroom.

If a new order is sent with returned merchandise please use a separate sheet of paper for any remarks not related directly to the new order. If remittance accompanies order PLEASE DO NOT SEND CASH; use checks or money orders.

If your shipment is received damaged, obtain a report from the postmaster or express agent and mail it to us along with the damaged merchandise.

When returning merchandise, pack carefully, insure, and write your name and address on all packages and letters before returning to us.

On Parcel Post shipments your letter must be posted on outside of package with a 3c stamp attached. Papers with explanatory letters may be enclosed in Railway Express packages. All returns must be shipped prepaid.

NOTE: All orders for special merchandise must be accompanied by a deposit of 50%.

Catalogue Shipping Weights are Approximate

PARCEL POST RATES FOR ALL ZONES SUBJECT TO POST OFFICE RATE CHANGES

Parcels up to 8 ounces may be shipped anywhere in the United States for 8c. Parcel Post shipments over 8 ounces, mailed at a first class post office, addressed for delivery at another first class post office, shall be limited in size and weight as follows: 72 inches in length and girth combined; 40

lbs. to 1st and 2nd zones (150 miles) and 20 lbs. in the 3rd to 8th zones. Example: a package 35 in. long, 10 in. wide and 5 in. high measures 65 in. in length and girth combined (length 35 in., plus twice 10 in. width, plus twice 5 in. height, equals 65 in.)

WEIGHT IN LBS.	LOCAL	ZONES							
		1-2 UP TO 150 MILES	3 150 TO 300 MILES	4 300 TO 600 MILES	5 600 TO 1,000 MILES	6 1,000 TO 1,400 MILES	7 1,400 TO 1,800 MILES	8 OVER 1,800 MILES	
1	\$0.18	\$0.23	\$0.23	\$0.24	\$0.26	\$0.28	\$0.30	\$0.32	
2	.20	.27	.29	.31	.36	.40	.44	.51	
3	.21	.31	.34	.38	.43	.52	.61	.69	
4	.23	.35	.39	.45	.54	.64	.76	.87	
5	.24	.39	.44	.52	.63	.76	.91	1.05	
6	.26	.43	.49	.59	.73	.88	1.06	1.23	
7	.27	.47	.54	.66	.82	1.00	1.22	1.41	
8	.29	.51	.60	.73	.91	1.12	1.37	1.59	
9	.30	.55	.65	.80	1.00	1.24	1.52	1.77	
10	.32	.59	.70	.87	1.10	1.36	1.67	1.95	
11	.33	.63	.75	.93	1.19	1.48	1.82	2.13	
12	.34	.67	.80	1.00	1.28	1.60	1.98	2.31	
13	.36	.71	.85	1.07	1.37	1.72	2.13	2.49	
14	.37	.75	.90	1.14	1.47	1.84	2.28	2.67	
15	.39	.79	.96	1.21	1.56	1.96	2.43	2.85	
16	.40	.83	1.01	1.28	1.65	2.08	2.58	3.03	
17	.42	.87	1.06	1.35	1.74	2.20	2.74	3.21	
18	.43	.91	1.11	1.42	1.84	2.32	2.89	3.39	
19	.45	.95	1.16	1.49	1.93	2.44	3.04	3.57	
20	.46	.99	1.21	1.56	2.02	2.56	3.19	3.75	
FOR EACH ADDED 1r									
ADD 2r		4c	5c	7c	9c	12c	15c	18c	

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	750 MILES	1000 MILES	2000 MILES	2500 MILES	3000 MILES
20 lbs.	2.23	2.33	2.61	2.92	3.24	3.63	4.87	5.34	5.50
30 "	2.52	2.66	3.09	3.56	4.05	4.61	6.47	7.18	7.43
40 "	2.80	3.00	3.57	4.19	4.84	5.60	8.08	9.02	9.34
50 "	3.08	3.33	4.05	4.84	5.64	6.58	9.68	10.86	11.26
60 "	3.37	3.66	4.54	5.47	6.45	7.58	11.28	12.71	13.19
70 "	3.66	3.99	5.02	6.10	7.25	8.56	12.90	14.54	15.11
80 "	3.95	4.33	5.50	6.74	8.04	9.55	14.50	16.39	17.04
90 "	4.23	4.67	5.98	7.38	8.84	10.54	16.11	18.23	18.96
100 "	4.51	5.01	6.46	8.02	9.64	11.51	17.71	20.07	20.87

INSURANCE

Parcel Post Insurance Rates

5c for parcels valued up to	\$5.00
10c " " " " " "	\$5.01 to \$10.00
15c " " " " " "	\$10.01 to \$25.00
20c " " " " " "	\$25.01 to \$50.00
30c " " " " " "	\$50.01 to \$100.00
35c " " " " " "	\$100.01 to \$200.00

Express Insurance Rates

For shipments under \$50.00, no extra insurance charge.
For shipments valued from \$50.00 to \$150.00, 20 cents.
For each additional \$100.00 value or part thereof beyond \$150.00, add 20 cents.

EXPRESS & FREIGHT SHIPMENTS

Express and freight shipments are sent transportation charges collect. If your station has no agent, please send sufficient money to cover transportation. Charges are the same either way. All over-payments are promptly refunded.

C.O.D. SHIPMENTS

Transportation charges on C.O.D. parcels are slightly higher than those sent prepaid. C.O.D. charges in addition to the regular postage costs outlined above are as follows (including insurance):

When the value of the parcel is from

\$0.01 to \$5.00	the extra charge is	30c
5.01 to 10.00	" " " "	40c
10.01 to 25.00	" " " "	60c
25.01 to 50.00	" " " "	70c
50.01 to 100.00	" " " "	80c
100.01 to 150.00	" " " "	90c
150.01 to 200.00	" " " "	\$1.00

The Post Office also charges an extra small money order fee on each C.O.D. parcel. Save these fees by remitting in full.

Orders from within the five boroughs of New York City are subject to N. Y. City sales tax unless accompanied by evidence of exemption.

A	CAPACITOR KITS 90, 129	Diodes 64-67	KITS	Photo Cells 84	Rule 169	Thermistors 66
ACCESSORIES	CARTRIDGES	Direction Finders 116	Amplifier 68-71, 74, 179	Photo Cell Relay Kit 71	Viewers 173, 174	Thermometers 171
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Deep Fringe VHF-UHF-FM Antennas

MODEL B-8 TWIN-DRIVEN

The first broad-band antenna ever to obtain 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. Multiple reflectors and directors, including combination and collinear elements, also, increase the sharp directivity. Oversize, extra-heavy gauge square aluminum tube boom. Shipping Weight: 9 1/2 lbs.

MODEL NO. "C" : STACKING KIT favors low band. Shipping Weight: 1/2 lb. List Price: 2.00 Net 1.18
 MODEL No. "A" : STACKING KIT favors high band. Shipping Weight: 1/2 lb. List Price: 3.00 Net 1.76

MODEL B-5 MAXIMUM FRINGE AREA

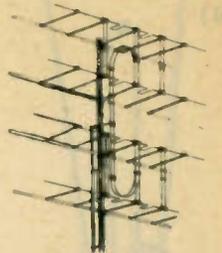
The absolute ultimate in broad-band, high-gain VHF Antenna design — Oversize extra heavy gauge square aluminum tube boom. All element brackets are of "Box Girder" aluminum construction. Exclusive "FIDELITY PHASING" combines the proved superiority of driven folded dipole impedance matching on low band 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, combine with "FIDELITY PHASING" TO PRODUCE FOR THE FIRST TIME ACROSS THE FULL VHF BAND (ch. 2-13), the 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 to obtain in maximum fringe areas up to 200 miles or more. Shipping Weight: 9 1/2 lbs.

MODEL NO. "B" : STACKING KIT TO STACK TWO OF MODEL B-5 Shipping Weight: 1/2 lb. List Price: \$2.00 Net \$1.47

MODEL B-6

A close spaced, reversed phase, twin driven antenna to produce high gain with very high front-to-back ratio. Incorporates four coaxial capacitors in one folded dipole, causing the dipole to operate as if it is one length on low-band and an entirely different length on high-band, thus enabling peak performance to be obtained on BOTH BANDS. Low-band reflector, high-band collinear reflector and combination director further increase gain and sharpness of directivity. The Model B-6 is the only close coupled, twin driven unit available having all elements, including driven folded dipoles and twin drive line. It is completely preassembled — heavy gauge aluminum boom — "box girder" self-lacking, self-aligning brackets — and exclusive "lock-tite-no-tilt" saddle bracket. The greatest value in db.-per-dollar gain and front-to-back ratio. Shpg. wt., 6 lbs.

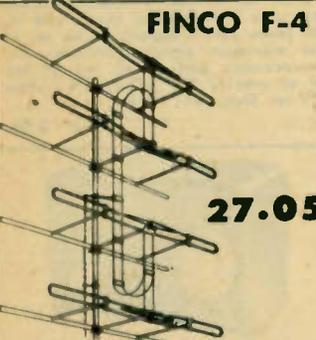
List 18.90 Net 11.11
 Stacking Kit to favor Low Band Net 1.18
 Stacking Kit to favor High Band Net 1.76
 MODEL "A"



MODEL 400-A

The patented Finco Co-Lateral Antenna is performance engineered for extreme fringe areas. Laboratory and field results prove Model 400 outperforms a two-bay Yagi on low band and a four-bay Yagi on high channels. This gain is maintained over both complete bands, giving the advantage of "one antenna — one transmission line", plus no worry over possible channel changes or future new low or high band stations — and it's completely preassembled. Less mast. Shpg. wt. 14 lbs.

FINCO F-400-A List 42.00 Net 24.70
 FINCO 400-SA Same as 400-A but with full "FRO-BACK" screen. Shpg. wt., 17 lbs.
 FINCO 400-SA List 54.50 Net 32.05



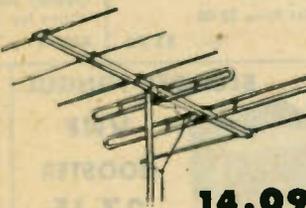
FINCO F-4

27.05

Latest VHF design — with exclusive "Fidelity Phasing". Top performance on both low and high bands — channel 2 thru 13. Extremely high directivity — sensitivity — and color acceptance. Unbelievable reception at distances up to 200 miles from TV station. Employs four driven, low band, in-phase folded dipoles and twelve driven, high band, in-phase folded elements. Eliminates complicated delicate harnesses — produces in-phase collinear currents. Extremely flat response-engineered for color! Completely preassembled — all aluminum — light weight — rugged construction. Shpg. wt., 13 lbs.

FINCO F-4 — List 46.00 Net 27.05
 FINCO F-2D — Smaller version of F-4 — 2 folded dipole system. Shpg. wt., 7 lbs.
 FINCO F-2D — List 23.00 Net 13.52

FINCO FM SUPER DELUXE ANTENNA



14.09

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., 6 1/2 lbs.

FINCO FM-4 Net 14.09

FINCO FM DIPOLE & REFLECTOR ANTENNA KIT



8.20

Folded dipole and reflector FM antenna has gain up to 3.5 db. All aluminum construction, completely pre-assembled with snap-out, self aligning aluminum brackets. Kit contains antenna; 5 ft. mast; mast base; 50 ft. of 300 ohm twin line; two mat stand-off insulators, three screw eye stand-off insulators and installation instructions. Shpg. wt., 6 1/2 lbs.

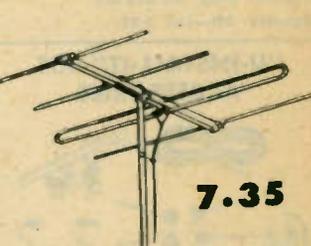
FINCO FM-2 Net 8.20

FINCO FM TURNSTILE, ANTENNA KIT

All direction radiation pick-up pattern. Same accessories as above kit. Shpg. wt., 6 lbs.

FINCO FMT-1 Net 8.20

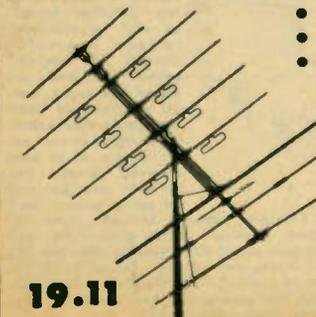
FINCO 4 ELEMENT BROAD BAND FM YAGI



7.35

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.

FINCO FM-3 Net 7.35



19.11

- UNIQUE NEW DESIGN
- IDEAL FOR COLOR TV
- 5 DRIVEN ELEMENTS

Advanced electrical and mechanical features. Six element, double driven inline collinear configuration. Gives up to 1 1/2 db more gain than similar types on low band. Phase reversing 1/2 wave stubs produce broader band width and more high band gain. Extremely unidirectional single forward lobe — ideal for color TV — shuts out ghosts and noise. Sturdy inline construction — stands up under ice loading and hurricane winds. Less mast. Shpg. wt., 12 lbs.

JFD 3C 73D List 32.50 Net 19.11
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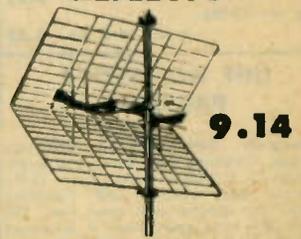
4 BAY UHF ANTENNA 5.70



New fringe area UHF antenna. Features custom-channel callibrator for peak response an individual channels. Full wave stacked 4 bay bowties — factory tuned phasing network. Rigid one piece reflector. Heavy zinc plated steel construction. Factory preassembled. Unpack and mount. Less Mast. Shpg. wt., 7 lbs.

JFD UHF-202 — List 9.70 Net 5.70

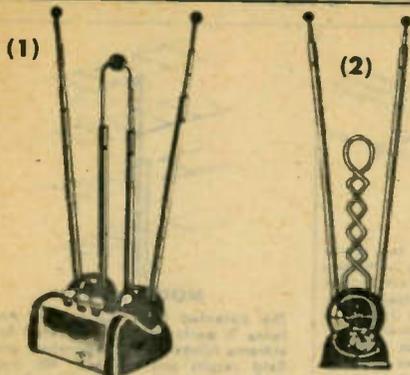
TWIN CORNER REFLECTOR 9.14



Designed for deep fringe performance. Features twin bowties for 12 to 17db gain. Sharp directivity. High front to back and front to side ratio. Completely preassembled. Snaps open like a book. All welded construction. Triple reinforced. Less Mast. Shpg. wt., 6 lbs.

JFD UHF-2411 — List 15.55 Net 9.14

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SNYDER 5-D(1)

Latest development in all channel coverage, this antenna features on 8 position push-button beam selector, tri-section dipoles and dual phasing element. These combine to give a variety of circuit arrangements enabling selection of best reception for the channel being tuned. Attractive gold tone elements and switch housing. Shpg. wt. 5 lbs.

Snyder 5D—List 12.95.....Net 5.50
Lots of 3, each 4.98

SNYDER 3-D(2)

Newest indoor antenna features the famous Snyder Directronic 6-position Beam Selector Switch! Gives the clearest picture on every channel—instantly—no waiting! Covers all channels from 2 to 83! New criss-cross phasing element gives high variety of circuit arrangements. Aids in impedance matching, ghost elimination and orientation. Two 3-section gold tone brass shafts. Brass plated phasing bar. Shpg. wt. 2½ lbs.

Snyder 3D—List 7.95.....Net 2.98

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All the necessary items necessary to do a quick, easy installation from roof to receiver! You get an all angle base mount—lightning arrester—75 feet of 300 ohm twin lead—6 insulated screw eyes—2 insulated mast standoffs and a 5 ft., 1¼" OD steel mast. Shpg. wt. 7 lbs.

KT-12.....Singly ea. 2.95
In lots of 3, ea. 2.85
KT-101 with 2—5 ft. masts
Singly ea. 3.55
Shpg. wt. 10 lbs.
In lots of 3, ea. 3.35

UHF ACCESSORY PACKAGE

Complete UHF antenna accessory package. Contains everything you need. Includes 5 ft. steel mast, 1¼" O.D.; all-angle base mount; UHF lightning arrester for tubular and open line; 100 ft. of 300 ohm open line; 6 insulated 7½" screw eyes; 2 insulated mast standoffs. Complete—nothing else to buy. Shpg. wt. 7 lbs.

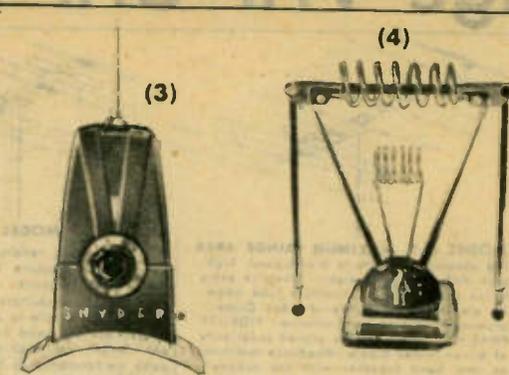
KT-21.....Special 4.25
Same as above—but with 100 ft. tubular twin lead.
KT-22.....Special 4.95



UHF VHF TV SIGNAL BOOSTER

Increases video and sound output over 20%. Consists of complete IF stage which easily plugs into any receiver inside the cabinet, thus eliminating external switches and connections. Has advantages of broad band boosters but without separate tuning for each channel. Ideal for poor signal areas.

TS-264.....3.95 less tube



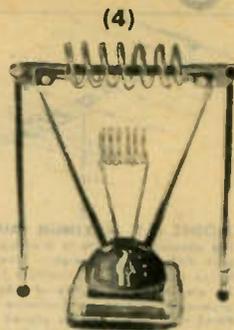
SNYDER IMPERIAL 10-D(3)

- 12 POSITION BEAM SELECTOR SWITCH
- SINGLE, 4 SECTION, 48" STAFF
- ROTO-TILT ACTION

Guaranteed by Lloyd's of London

You must get a better picture under similar conditions or your money back. Exclusive new single staff eliminates spreading dipoles, turning for orientation, and topping antennas. New, dramatic design features a 12-position beam selector switch which electronically chooses the clearest picture. The single, 4-section gold-toned staff extends 48", telescopes down to 7½". Roto-tilt action permits full 360° swivel adjustment. Heavy, cast, top-protected arc base with gold-tone finish. Handsome plastic cabinet available in traditional walnut tone, contemporary blonde and smart ebony (specify color when ordering). Shpg. wt., 5 lbs.

Snyder Directronic 10-D—List Price 20.00



K-G DELTA BEAM (4)

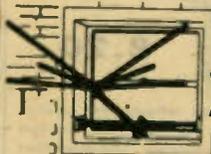
Combines principles of Helix coil, folded dipole, straight dipole and Delta match transformer. 6-position switch matches line impedance and resonates antenna to match receiver input circuit. Covers all channels 2-83. Half ball swivel on clear plastic base to beam antenna in best direction. Mounted on rubber. Shpg. wt. 4 lbs. List 9.95.

DELTA BEAM Antenna.....Net 4.90

FUTURAMA CONCEALED ANTENNA (5)

New universal disappearing indoor antenna attaches easily to all TV sets. Four-section, chrome plated dipoles extend to 37". Telescope remains out of sight when not in use. Concealed, copper phasing element aids in tuning out ghosts and interference. Ball joints permit dipoles to be set at any angle for maximum signal. Eliminates unsightly and unnecessary gadgets on top of set. Overall height of case is 9½". Only 2¼" show above top of TV set. Shpg. wt., 3½ lbs.

AN-36.....Net 4.95



CONICAL WINDOW ANTENNA

Ideal for locations where roof antennas are prohibited. 4 full-sized conical elements, plus 2 high frequency dipoles, deliver powerful all-channel performance. Installs simply and swiftly by placing ends of base against window frame and tightening wing nuts. Easily adjustable base spans up to 44 inches to fit most wood or casement window frames. Durably constructed of lightweight, weather-resistant seamless aluminum elements. Direct match to 72, 150 or 300 ohm lead-in. Adjustable in all directions for maximum signal pickup. Shpg. wt. 3 lbs. List \$12.35.

AN-22.....Net 4.50

AN-23—Ext. Bar for 5' wind.. 1.18

AN-24—Ext. Bar for 6' wind.. 1.47

BLONDER-TONGUE



VHF BOOSTER 27.15

Blonder-Tongue Model HA-3 is a fully automatic booster. Powerful, broad-band, 3-tube, 3-stage cascade push-pull circuit. Provides signal gain of 16 db on all 12 TV VHF channels. Goes on and off automatically with the TV receiver by means of an automatic thermal relay. Employs three 616 low-noise dual-triode tubes. Excellent signal-to-noise ratio. For 300 ohm line. In attractive mahogany finish hammer-tone metal cabinet, 5" x 5¾" x 4". Complete with instructions. For operation from 105-120 volts, 50-60 cycles AC. Shpg. wt. 4 lbs.

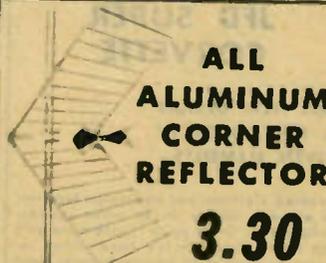
MODEL HA-3 BOOSTER.
List 44.50.....Net 27.15



BLONDER-TONGUE UHF CONVERTER

The only converter for "Class A" signal areas with these exclusive features. Tuned input tracks with oscillator, rejects spurious signals, suppresses oscillator radiation. Precise impedance match gives maximum signal conversion—no line ghosts—no picture smear. Drift-free performance is achieved by use of a thermally compensated oscillator circuit. One knob tuning; no VHF channel switching; output on channel 4, 5, or 6. Complete with tubes and instructions. Shpg. Wt. 4 lbs.

Model 88—List 22.95.....Net 15.63

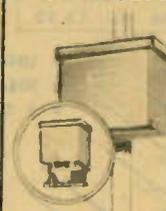


ALL ALUMINUM CORNER REFLECTOR 3.30

Solid aluminum construction throughout—permanent rust and corrosion resistance. Flip open design for rapid, easy installation. High front-to-back ratio—maximum UHF gain. Extremely rigid design for vibration proof operation. Properly engineered to create necessary dipole—reflector wave length relationship. Shpg. wt., 5 lbs.

AN-30.....Net 3.30

B-T ANTENNA BOOSTER



Broad band, all-VHF-channel amplifier designed for most mounting. Features manual as well as automatic remote operation through TV "on/off" switch. Completely enclosed in a heavy, metal, weatherproof housing. Easily mast mounted. Compact power supply locates at or near receiver. Single line between amplifier and set carrier power "up" and TV signal "down".

Exclusive, patented, 4 tube, push-pull circuit gives more than 25db gain on all VHF channels. Matched 300 ohm inputs and outputs. Power inputs for both 24 and 110 volts AC. Built-in filter networks. Exclusive swing down chassis for easy service. Shpg. wt., 10 lbs.
Model A8 Booster List 99.50.....Net 60.76

Rotators - Towers - Masts - Lead in

ALLIANCE TENNA ROTORS

Faster—Smoother—Better than ever! Redesigned and re-styled to provide the most in efficiency, durability and decorator styling. Rotation speed has been boosted to a full 2 r.p.m. Fastest change from station to station. New MAGNETIC BRAKE affords instantaneous stop. No drifting! New guy wire attachment has been provided on the clamp plate. Full 360° rotation. Factory lubricated for life.

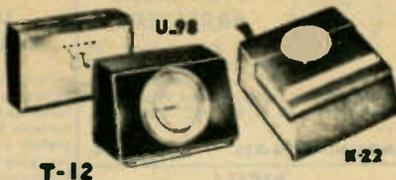
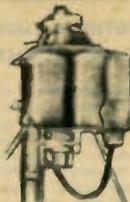
MODEL U-98 Fully automatic! Just set control knob—antenna rotates to desired position and stops automatically. Indicator shows position of antenna. Shpg. wt. 12 lbs.
U-98 List 44.25 Net **26.55**

MODEL T-12 Manually operated with direction indicator. Needle indicates position of antenna on control panel.
T-12 List 34.25 Net **22.84**

MODEL K-22 Economy model—1 r.p.m. motor. Full 360° rotation, gear brake, stop-reverse switch. With remote control, less direction indicator.
K-22 List 24.50 Net **18.38**

THRUST BEARING BRACKET. Increases capacity of Tenna Rotors up to 300 lbs. Shpg. wt. 3 lbs.
TBB List 4.95 Net **2.91**

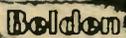
4 CONDUCTOR FLAT CABLE for above. WR-24 Per Foot **.03**



T-12

K-22

BELDEN TWIN LEAD 8225



For TV and FM antennas. Low-loss polyethylene insulation. One lead (tinned) one bare. Stranded #20 (7x 28).

8225-50	50 ft. Coll.	Net 1.13
8225-75	75 ft. Coll.	Net 1.58
8225-100	100 ft. Coll.	Net 1.97
8225	Over 100 ft.	per 100 Ft. 1.97

BELDEN 8230

"Weldohm" copper coated steel wire. Polyethylene insulation. Almost twice as strong as plain copper. Perfect for long runs. Stranded No. 20 (7x 28)

8230-50	50 ft. Coll.	Net 1.13
8230-75	75 ft. Coll.	Net 1.58
8230-100	100 ft. Coll.	Net 1.97
8230	Over 100 ft.	per 100 Ft. 1.97

Type 8230. Low loss 300-ohm line for UHF or VHF TV antennas. Resists oxidation and sun; made with 100% virgin polyethylene wire. 20 gauge (7x28) stranded Weldohm wire, copper with steel core for maximum strength. Shpg. wt. 100 ft. 5 lbs.

8230	100 ft. Coll.	Net 4.12
8235	Over 100 ft.	per 100 Ft. 4.12



FEDERAL "SILVERLINE" TV1182

Heavy duty 300 ohm lead-in. Insulated with "silver" polyethylene. This new Federal development provides unchanging electrical and physical characteristics and remarkable durability. Blends with home color schemes and assures long, trouble-free service.
WR-22. 3c per ft. 100 ft. 2.50

NEW UHF/VHF 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 copper-weld wire — pure polyethylene separators spaced at 4 1/4". Spaced only 1/4" between conductors — may be used with standard stand-off insulators.
WR-22. 100 ft. 1.95
PER 250 FT. COIL 4.50
WR-22-550. 500 ft. Spool. Net 8.65

4 CONDUCTOR ROTOR CABLE



4 Conductor Rotator Cable—Four flexible stranded copper conductors—tough plastic insulation. Shpg. wt., 3 lbs. per 100 ft.
WR-2403 per ft.....per 100 ft. 2.75

SPECIAL UHF-VHF TUBULAR TWIN LEAD 300 OHM AIRSPACED

2.95 Tubular lead with copper-welded conductors.
per 100 ft. WR-46. per 100 ft. 2.95

300 OHM TWIN-LEAD



- COPPER CONDUCTORS
- POLYETHYLENE INSULATION

High quality, low-loss lead-in for all TV and FM installations. Polyethylene dielectric—standard copper leads.

Stock No. WR-25—100 ft.	1.49
500 ft.	5.75
1,000 ft.	10.95

DOUBLE BARREL 300 OHM LINE



New "Moisture Barrier" transmission line. Engineered for fringe area. Maximum efficiency under all weather conditions. Built-in wall prevents shorting — maintains low attenuation — adds mechanical strength. High tensile stranded Atlantic wire and pure polyethylene insulation make this transmission line ideal.
WR-21. .04 per ft. 100 ft. 3.20

HEAVY DUTY 300-OHM LINE



Extra high quality. Heavier gauge wire and thicker insulation.
WR-24 Per Ft. 3 1/2c
Per 100 Ft. 2.95

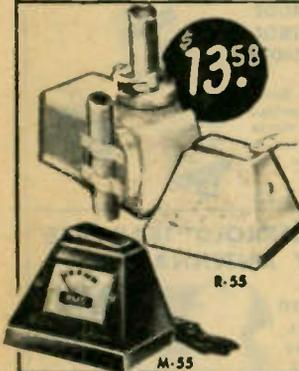
RMS ROTOR QUEEN

Here is a rotator that is engineered with outstanding quality features, but without any fancy doodad to add to cost. Weather sealed all aluminum housing with maximum mast support—antenna sets 3" into drive unit. Full 370° rotation in each direction with instant braking for pinpoint accuracy. Direct gear drive for high torque—no worm gears. Lifetime oilite bronze side thrust bearing, rustproof parts. Guy wire supports and flapole type base for easy installation. Control unit of mahogany polystyrene only 3 3/4" x 3 3/4" x 3 3/4". Fingertip control. Shpg. Wt. 7 lbs.

RMS R-55 Rotator. Net 13.58
3-wire cable for above per hundred ft. 1.50
WR-49 per ft. .02

ACCESSORIES

Thrust bearing for R-55 and M-55
RMS TB-2 Net 2.91
Directional Indicator Model. Same high quality. Low cost features as above—Plus a Directional Meter Indicator to pinpoint direction antenna is facing. Shpg. Wt. 7 lbs.
RMS M-55 Net 19.15
1 Cond. cable for above WR-24 per ft. .03



\$13.58

R-55

M-55

DUPLEX TV RECEPTACLE AND WALL PLATE

Complete, convenient package. Use for 2 TV sets or TV and FM. Neat, professional installation appearance. Fits standard outlet box. Ivory only. Shpg. wt. 1/2 lb.
TS-249 Net 1.02
TS-247—2 Contact Plug for 300 Ohm Lead Net .18

4-POSITION SWITCH AND PLATE



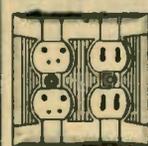
Use as TV line distributor or as distributor for TV, FM and PA systems. Will switch amplifiers to remote speakers. 2 pole, 4 position, silver contact switch and wall plate. Ivory only. Shpg. wt., 1/2 lb.
TS-248 Net 1.93

#700 LIGHT AND TELEVISION CLOCK



Placed on top of TV cabinet the #700 Lite Clock provides proper amount of background light for televiewing. Accurate, rotating numeral type clock. Walnut finish plastic case. For 110V 60 cycle AC only. Size, 5 x 6-7/16 x 3-7/16". Shpg. wt., 2 1/2 lbs.
Stock No. ML-11, incl. excise tax. 8.14

AC-TV WALL PLATE & RECEPTACLE



The complete socket and plate combination. Dress up installations — puts both outlets in one location. Use with standard wall box. Ivory only. Shpg. wt., 1/2 lb.
TS-246 Net 1.58
TS-247—2 Contact Plug for 300 Ohm Lead Net .18

NEW "SKY-LOK" MAST

- Interlock Sections—won't pull out!
- Hot Dip Zinc Galvanized—inside and out!
- Husky thumb bolts lock sections automatically at any angle!
- Ball shaped bottoms and curled top interlock snugly.
- Completely preassembled—simply add matted guy rings.
- Complete with all guy rings, clamps and hardware necessary for installation.

Heavy Duty 16 Gauge .067 Wall	
TS 12-20 (20 Ft.)	Base Sec. 10 ft. 1 1/4" O.D. 5.64 Top Sec. 10 ft. 1 1/4" O.D.
TS 12-30 (30 Ft.)	Base Sec. 10 ft. 1 1/4" O.D. 9.08 Cent. Sec. 10 ft. 1 1/4" O.D. Top Sec. 10 ft. 1 1/4" O.D.
TS 12-40 (40 Ft.)	Base Sec. 10 ft. 2" O.D. 12.76 Cent. Sec. 10 ft. 1 1/4" O.D. Top Sec. 10 ft. 1 1/4" O.D.
TS 12-50 (50 Ft.)	Base Sec. 10 ft. 2 1/4" O.D. 17.49 Cent. Sec. 10 ft. 1 1/4" O.D. Top Sec. 10 ft. 1 1/4" O.D.

ALL ANGLE BASE and ROOF MOUNT

ZUB2 1/2. All Angle Base and Roof Mount. Most popular aerial 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.
TS-37. List 3.05 NET 1.79

ALPRODCO ALUMINUM TOWERS



This tower will carry a vertically static load of 300 lbs. at 120 ft. in a 100 m.p.h. wind. Spring tempered aircraft aluminum for the greatest strength and least weight. Actually weighs only 1 lb. per foot! Constructed with aluminum aircraft rivets. Built-in steps for climbing. 6-foot sections for ease of assembly. Permits installation of antennas to 120 feet. Requires guying every 30 feet.
NO. T-4W 6-Foot Standard Tower Section. Shipped 2/3 assembled. With special impact rivets to complete assembly. NET 10.50

T-4W. NO. MK-1W. Mast Kit. Consists of 3 top trim angles and 2 sets of most clamps for attaching mast to tower. NET 1.85

NO. B-1W. Hinged Base. Metal base for use on vertical, horizontal or sloping surface. NET 2.00

B-1W. NO. OB-1. Guy Bracket. For attaching guy wires to tower. 3 needed per guy station. NET 1.40

OB-1. NO. RK-1W. Rotator Adapter Kit. Permits rotor to be mounted down inside tower, placing wind thrust on tower instead of rotator. Consists of: MK-1W Mast Kit, 10 ft. Mast Pole, P-1W Rotator Adapter Mounting Plate and 24" Mast Pole Bearing. NET 7.10

RK-1W

AMPHENOL UHF-VHF TWIN LINE



(A) 214-056 300 ohm flat twin lead. Low loss 56 mil virgin polyethylene dielectric. #20 stranded (7x28) copper conductors. Withstands weather. Shpg. wt., 2 lbs. per 100 ft.

214-056-50	— 50 ft. Coll.	Net 1.29
214-056-75	— 75 ft. Coll.	Net 1.77
214-056-100	— 100 ft. Coll.	Net 2.16
214-056	— Over 100 ft.	per 100 ft. 2.16

(B) 214-271 300 ohm air spaced tubular. Low loss on long leads—ideal for UHF. Shpg. wt., 3 lbs. per 100 ft.
214-271—Minimum 100 ft. Net 3.48



AMPHENOL LOW-LOSS HF COAXIAL CABLE

Solid, flexible low-loss polyethylene, dielectric copper, woven shield braid over the polyethylene and a heavy vinyl outer covering.

Amphenol No.	Type	Ohms Imped.	Cop./MmF	Per Ft.	Wire Size	Per Ft.	Per 100 Ft.
21-004	RG/8U	52	29	7x21	.14		11.89
21-007	RG/11U	75	20	7x26	.12		10.68
21-038	RG/22U	95	16	No. 20	.17		14.65
21-024	RG/58U	53.5	28	No. 20	.05		4.61
21-025	RG/59U	73	22	No. 22	.06		5.03

POPULAR PRICED TV ACCESSORIES



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 — Lots of 10 Each .29
Singly .35



4-WIRE ARRESTER

Model RW204. Chisel point contact eliminates stripping; lightning wing nut completes installation. Low-loss polystyrene case. Also usable with standard TV-FM ribbon. Shpg. wt., 1 lb.

TS-59, Singly Each .88
Lots of 6 Each .79



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 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.

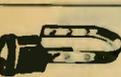
Stock No. TS-27, List \$2.25, Net 1.32



JFD 3-IN-1 LIGHTNING ARRESTER UHF/VHF

3 ways better! Special compensating coils for maximum signal transmission — exclusive strain-relief lips — mounts on most, wall or window sill. Discharges antenna and lead-in static. Nickel-plated brass hardware never corrodes. AT110S has stainless steel strap.

TS-16—AT110—for wall or window sill. Net .88
TS-17—AT110S—for pipe mounting. Net 1.03



RCA ARRESTERS 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 most or pipe from 1/2" to 2" diameter. Shpg. wt., 5 ounces.

TYPE 214X1 .49
TYPE 234A1—For UHF .79



RCA OUTDOOR LIGHTNING ARRESTER

Approved by Underwriters Laboratories for outdoor as well as indoor installations. No special tools are needed for direct mounting on wood. Weather-proof and non-corrosive. Will not affect line impedance. Easily installed on cement or stone surfaces.

TYPE 216X1 .57
TYPE 235A1—for UHF .73

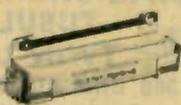


AMPHENOL UNIVERSAL ARRESTERS

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.

AMPHENOL 114-328 Net .88

NEW WUERTH SURGISTOR



Combines Functions of Resistor and Relay

Designed to prolong tube life in TV receivers. Connect directly into the power line circuit of electronic devices. Protects tube filaments, electrolytics, rectifiers, etc. from destructive surge voltages and currents. Starting resistance, 100 ohms. Normal resistance, 0.2 ohms. Circuit power range 100-300 watts. Time delay approximately 10 seconds. Shpg. wt., 6 oz.

TS-263 Each, Net 1.09
Quantity of 24 or more Each, Net .98

TV-FM INTERFERENCE FILTER



Hi-pass filter passes all frequencies above 40mc. Rejects all frequencies below 40mc. 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.

TS-265 Net 2.97

TS-266 Net 2.97



TRI-SET COUPLER

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-266 Net 2.97

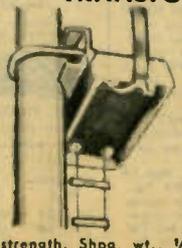


LO-PASS LINE FILTER

Exceptionally efficient line noise eliminator. Utilizing dual ferrite core coils, heavily wound. Removes from line noises caused by motors, industrial RF, neons, appliances, etc. Particularly useful on TV and FM sets, radios, tuners, record player. Automatic attenuations of unwanted disturbances. Shpg. wt., 1 1/2 lbs.

TS-267 Net 3.75

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. Sealed in col-plast for climate proof permanency. Transfers maximum signal strength. Shpg. wt., 1/2 lbs.

TS-236 AC-50 List 3.50 Net Ea. 2.06

New! WUERTH TUBE-SAVER

LENGTHENS TUBE LIFE INCLUDING PICTURE TUBE



New device prolongs life of all electronic tubes including cathode-ray tubes! Protects components and tubes from destructive initial surge currents by "Thermal Cushion Action." Completely automatic. No installation necessary—just plug in to protect TV, Hi-Fi and industrial electronic equipment. Rated 100-300 watts, 110-120V. AC/DC. UL approved. Attractive case, 5 1/2 x 2 1/2 x 3 1/2". Shpg. wt., 1 1/2 lbs.

TS-262—List Price 6.95 Net 4.66

Net ... 4.66

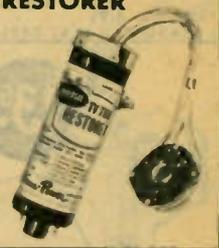
NEW Perma-Power TV TUBE RESTORER

LOCATES AND CORRECTS FOR

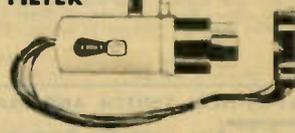
- OPEN CATHODE
- HEATER TO CATHODE SHORT
- OPEN CONTROL GRID
- CONTROL GRID TO CATHODE SHORT
- LOW EMISSIION
- COMBINATIONS OF ABOVE

Perma-Power's unique design for its Universal Tube Restorer is used in the Restorer so that one simple unit provides the cure to any defective picture tube in any TV set. Works on electrostatic or electromagnentic focus picture tubes in series or parallel-wired filament TV sets. Corrects for dozens of picture tube faults. Shipping weight, 1 lb.

TS-268 Net 3.23



JERROLD "LINE OUT" CO-CHANNEL FILTER



QUICKLY AND EASILY INSTALLED NO SOLDERING OR WIRE CUTTING

New high "Q" filter designed to eliminate "Venetian blinds" (horizontal lines) caused by co-channel TV interference. A 20 db filter removes co-channel beat frequency caused by an offset carrier of another TV station on the same channel. Can be installed in a few minutes. No wires to cut... no soldering necessary. Merely remove plug on TV picture tube, insert filter and replace plug. Adjust tuner on "line-out" to eliminate horizontal lines — no other adjustments necessary. Does not affect reception of any stations when co-channel interference is not present. Shpg. wt., 1 lb.

TS-259—Model V10. For 10 KC offset carriers Net 9.57
TS-260—Model V20. For 20 KC offset carriers Net 9.57

NEW! JERROLD "TRAP-EASE" TV ANTENNA FILTER

EASY TO INSTALL ON ANY TV SET



New, tunable "deep notch" antenna trap (greater than 50 db) removes "beat" or "herringbone" patterns caused by strong adjacent channel sound or video carriers. Permits clear reception of even weak stations that TV receiver can bring in. Does not affect reception of regularly viewed channels. Easy to install on back of receiver by using brackets supplied, or can be placed on top of receiver cabinet. Works with any TV receiver and any 300 ohm transmission line. Has channel selector knob and fine tuning control. Shpg. wt., 1 lb.

TS-257—Model HQ-91. Covers Channels 2-6 Net 11.97
TS-258—Model HQ-92. Covers Channels 7-13 Net 11.97

ANTENNA MATCHING "BALUN" COILS



Automatically match antenna to input circuit impedance. Impedance ratio 4:1 — replacement for RCA, Philco, 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

TV ATTENUATOR H-PADS



Permits attenuation of TV signal in antenna installations to secure optimum performance. Matches the signal strength to the requirements of the receiver. H-pad a combination of 5 resistors on steatite ceramic plate, has 4 terminals and is installed in series with the 300 ohm twin lead. Shpg wt., 3 oz.

Type	Attenuation	Type	Attenuation
PCH-10	10 db	PCH-30	30 db
PCH-20	20 db	PCH-40	40 db

NET EACH 47¢

PCH-100 Set of 4 H-pads consisting of one of each of the above in a clear plastic bag. Net 1.76

PCH-4 TV antenna attenuator switch. Unit contains H-pads above and has 6 switching positions. Complete with knobs and leads. Screened markings on face of unit. Size 2 1/2" deep x 2 1/2" square. Shpg. wt., 1 lb. Net 4.41

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 butyrate housing.

Shpg. wt., 1/2 lb

TS-232 AC-40	List Net
2 set 300 ohm	3.50 2.06
TS-233 AC-60	
1 set 300 ohm	4.00 2.35
TS-234 AC-70	
4 set 300 ohm	4.50 2.65

TV SPECIALS

BI-FI 2-SET COUPLER

PRINTED
CIRCUIT
BIFILAR
COILS



Finest reception on all VHF and UHF channels. Highest audio and video signal transfer. Improves watching—reduces ghosts. Effectively isolates each set. Reduces inter-set interference. Polystyrene case eliminates losses from impedance changes that occasionally occur when metal cases are used. Simple to install. Operates 2 TV or FM sets. Shpg. wt. 4 oz.

TS-215 Net 2.06

TV 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—Net each in lots of 3 1.75
Singly, each 1.94

IRC TV SIGNAL ATTENUATOR

Controls inter-signal buzz, loss of definition and "sound bars" caused by excessive signal. 300 ohm load minimizes ghosts caused by mismatch. Can be used by servicemen to simulate fringe area conditions in high signal strength areas. Mounts on cabinet or chassis. Screwdriver adjustment shaft. Supplied with mounting bracket and instructions.

IRC 0-3 NET 2.15

MEISSNER TV-FM WAVE TRAPS

Removes unwanted signals encountered in FM and TV reception. Can be used with sets having balanced or unbalanced antenna input impedances of 400, 300, 72 or 50 ohms. Easily installed across antenna terminals.

Model 15-7510. 6-13 mc.
Model 15-7511. 13-27 mc.
Model 15-7512. 27-54 mc.
Model 15-7513. 54-108 mc.
Model 15-7514. 108-216 mc.

Any Model Above—Shog. wt. 8 oz. Each 3.55

R. L. DRAKE TVI FILTERS HI-PASS TYPES FOR RECEIVERS

Improves TV reception by rejecting low frequency interference (below 50 mc) from amateur and short-wave transmitters, diathermy, appliances, etc. Provides high attenuation at all low frequencies; more than 60 db down at the television IF frequencies. Metal case, 3x3x1 1/2". Easily installed near TV tuner. Does not reduce strength of TV signal. Shpg. wt. 1 lb.

TR-140—TV-300-50 HP. 300-ohm NET 2.91

TV-300 HP—for use with 20 and 40 MC IF's NET 3.60

DELUXE T.V. SERVICE LITE

Keep your hands free. Spring clamp with rubber covered ends attaches anywhere in T.V. cabinet. 4 1/2" highly polished aluminum reflector uses standard 25 watt bulb. Complete with 6 ft. cord and plug, less bulb. Shpg. wt. 1 1/2 lbs.

MS63 Net 1.59

"3-PI" TVI FILTER

• 14 COMPONENTS—8 PRECISION CAPACITORS—6 PRECISION COILS:

Lowest possible loss—maximum 3 db's. Sharp cut-off at 54 Mc. Attenuation stop band exceeds 46 db's. Effectively suppresses interference caused by "ham" transmitter—diathermy and X-ray—ignition—radio transmitter—B. F. heating systems—appliances—neon signs. Reduces "snow" caused by I. F. freq. noise picked up at antenna. Printed circuit design gives improved reliability—low cost—light weight—precise uniformity. Precision engineered triple section trap. Easy to install. Complete with instructions. Shpg. wt. 4 oz.

TS-219 Net 1.80

GEE-LAR TV KNOBS

A popular series of TV knobs to fit receivers using dual controls and tuners by Standard Coil, Sarkis-Tarzan, RCA and others.

Front Dual Control Knob (Fig. A). Plated gold finish inlay. Used with rear knob 1205 and others. 1 5/16" O.D.

1202—Fits 1/8" knurl shaft NET EA. 26c

1203—Fits 1/4" flatted shaft NET EA. 29c

1204—Fits .202" flatted shaft NET EA. 29c

Rear Dual Control Knob (Fig. B). For standard .265" diameter rear keyway shaft. 1 1/2" O.D.

1205 NET EA. 14c

Combination Dual Knob (Fig. C). Dummy type control knob. For matching on cabinet. 1 1/2" O.D. Fits 1/4" flatted shaft.

1206 NET EA. 44c

Dual Tuner Bar Knob (Fig. D). Front knob for controls and tuners. 2" length. Use with 1208. Fits 1/2" flatted shaft.

1207 NET EA. 53c

Dual Tuner Rear Knob (Fig. E). Rear knob for controls and tuners. 1-5/32" O.D. Fits 3/8" rear flatted shaft.

1208 NET EA. 16c

Channel Indicator Plate (Fig. F). Gold numbers, walnut finish. Matches knobs listed above. Fits 3/8" diameter rear flatted shaft.

1209 NET EA. 44c

MILLER HI PASS TV 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 1/2 x 1 7/8 x 3 1/2". Shpg. wt. 1/2 lb.

MODEL 6168—300 Ohm Line

Each 3.23

TV LINE VOLTAGE REGULATOR

A protective unit designed to prevent line voltage surges from damaging TV or radio receivers. Will reduce surges as high as 140 volts down to 110 volts. Prevents blown fuses, burned out tubes, etc. Plug into service outlet and provides outlet for receiver.

CLAROSTAT TVA — 200-300 Watts NET 1.76

CLAROSTAT TVB — 300-375 Watts NET 2.06

ION TRAP MAGNETS FIXED TYPES

Single magnet, 45 gauss. Replaces most single units.

TS-208 Lots of 6, each 19c

Singly, each 24c

Double magnet. Universal replacement for thousands of sets.

TS-125 Net 59c

JFD INTERFERENCE ELIMINATOR

Gets rid of all interference below 50 mags — 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 HP-50 List 4.50 Net Each 2.65

2.65

12" WALL MOUNT

Completely constructed of steel, using extra heavy gauge steel tubing which will not bind. Protected against corrosion by the ALCOTE finish. Special "sure grip" U-bolts. Holds most up to 1 1/2" O.D. Triped leg for one section. Shpg. wt., 3 lbs.

TS-250 Singly Each 2.19

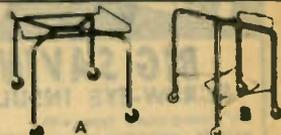
Lots of 3, Each 1.95

ADJUSTABLE 18" WALL MOUNT

TS-88 Singly Each 2.94

Lots of 3, Each 2.69

PORTABLE TV TABLES



(A) Portable TV table with adjustable top to accommodate practically any full size TV set. Can be moved around on its own large, free-rolling casters. One minute assembly—just insert casters and tighten bolts. Sturdy tubular steel construction. Delux, satin black finish. Shpg. wt., 11 lbs.

TL-44—Black Finish Net 3.29

TL-45—Brass Finish Net 4.39

(B) Portable TV table specially designed for the new, compact portable sets. Accommodates all sizes up to 14". Designed for the proper viewing angle. Other construction features similar to (A). Shpg. wt., 11 lbs.

TL-47—Black Finish Net 3.10

TL-48—Brass Finish Net 4.19

BARKHAUSEN OSCILLATION ELIMINATOR

Remove those vertical black bars (Barkhausen Oscillation) from your TV screen with this Perfection B.O. Eliminator. Simply slip the B.O. Eliminator over the horizontal sweep output tube and adjust like an ion trap magnet until the interference disappears.

TS-124—Shpg. wt., 1/2 lb. Net .73

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. Model Terms To Couple Antennas Net

TS 159 AC10 6 VHF(2-6) and UHF(7-13) 2.06

TS 160 AC20 6 VHF(2-13) and UHF(14-83) 2.20

TS 161 AC30 8 VHF(2-6)-VHF(7-13) and UHF(14-83) 2.65

TUNER-KLEEN

Keep your Standard Coil Tuners permanently clean. Simple installation of 4 cleaners, 2 to outer frame and 2 in place of unused channel coils. Nylon wiper cloth is soaked in cleaner fluid. Grease and dirt thus continuously cleaned from all contacts whenever channel selector rotated.

TS-178 Net .88

PRECISION CLARIFIER

New television picture "Clarifier." Easily adjusted to remove any antenna-induced 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, 4 x 3 1/4 x 1 1/2. Shipping weight, 7 oz.

TS-123 List \$7.50 NET 4.41

TV CONTACT CLEANER

Cleans and lubricates all contacts. Stops noise in TV front ends, band-switches, volume controls, etc. Will not change circuit capacities. Cannot corrode precious metal contacts. Never "gums up". Extremely valuable for radio and TV servicemen. Assures long trouble-free performance. 3 oz. bottle includes dropper

TS-54 TV CLEANER NET 68c

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 into picture tube. Completely self-contained.

TS-129 NET 1.12

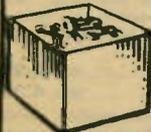
LAFAYETTE

Is Headquarters For

Television Accessories

BIG SAVINGS SCREW-EYE INSULATORS

3/4" wood-screw type with genuine polyethylene universal inserts for T.V. line.



.98

BOX OF 50

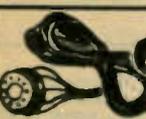
6.95

BOX OF 500



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.



1.32

NET

TS-137

Shpg. wt. 1 lb.

NET 1.26

TS-138 Shpg. wt. 1 lb.

NET 1.26

TS-139 Shpg. wt. 1 lb.

NET 1.26

TS-140 Shpg. wt. 1 lb.

NET 1.26

TS-141 Shpg. wt. 1 lb.

NET 1.26

TS-142 Shpg. wt. 1 lb.

NET 1.26

TS-143 Shpg. wt. 1 lb.

NET 1.26

TS-144 Shpg. wt. 1 lb.

NET 1.26

TS-145 Shpg. wt. 1 lb.

NET 1.26

TS-146 Shpg. wt. 1 lb.

NET 1.26

TS-147 Shpg. wt. 1 lb.

NET 1.26

TS-148 Shpg. wt. 1 lb.

NET 1.26

TS-149 Shpg. wt. 1 lb.

NET 1.26

TS-150 Shpg. wt. 1 lb.

NET 1.26

TS-151 Shpg. wt. 1 lb.

NET 1.26

TS-152 Shpg. wt. 1 lb.

NET 1.26

TS-153 Shpg. wt. 1 lb.

NET 1.26

TS-154 Shpg. wt. 1 lb.

NET 1.26

TS-155 Shpg. wt. 1 lb.

NET 1.26

TS-156 Shpg. wt. 1 lb.

NET 1.26

TS-157 Shpg. wt. 1 lb.

NET 1.26

TS-158 Shpg. wt. 1 lb.

NET 1.26

TS-159 Shpg. wt. 1 lb.

NET 1.26

TV TUBE "BRITENER"

.79

each

In lots of 10

A startling new discovery in the TV field! Absolutely no tools or soldering needed for installing. This handy inexpensive tube rejuvenator. You simply attach two plugs as directed on the instructions. For magnetic tubes and PARALLEL CIRCUITS only. Restores brightness contrast.

Stock No. MS-12 in lots of 1079 each

singly89

UNIVERSAL TV TUBE BRIGHTENER

1.20 ea.

In lots of 3

Singly 1.39

Restores brightness to dim TV picture tubes. Operates on all types—magnetic or electrostatic—and in all circuits—parallel or series.

TS-170—in lots of 3 each 1.20

Singly each 1.39

OCTAL TEST ADAPTER

1.03



Test Adapter does the trick. Just replace a tube with the Test Adapter. Plug Tube into Test Adapter. Presto, all socket connections are made. Instant reach of your test prod. Just one job pays for this Test Adapter. For 8 Pin Octal Tubes

MS-85 **Net 1.03**

NEW UNIVERSAL STANDOFF INSULATORS

Let our polyethylene insert will accommodate twin-lead, open line, hollow and tubular lines, round lines, oval lines, double lines, etc.



SCREW-EYE STANDOFF

First choice for fast secure anchoring.

TS-110 — 3/4" — 2¢ ea. 10 for 25¢

TS-111 — 5/8" — 2¢ ea. 10 for 45¢

TS-112 — 7/8" — 2¢ ea. 10 for 55¢

DRIVE-IN STANDOFF

Made of polystyrene steel

TS-200 — 3/4" — 2¢ ea. 10 for 45¢

ADJUSTABLE STRAP-TYPE STANDOFF

Fit any size mast

TS-116 — 3/4" — 11¢ ea. 10 for 79¢

TS-117 — 7/8" — 12¢ ea. 10 for 99¢

'CLIP-ON' STANDOFF

Attach to mast instantly—"Click"

and they're on. 3/4" long.

TS-222 — for 1/4" Mast 6¢ ea.

10 for 55¢

3 1/2" WALL BRACKET

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.

Stock No. MS-13, singly, ea. 49¢

In lots of 6 ea. 39¢

CHIMNEY MOUNTS

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.

Stock No. MS-82. **99¢**

Net Each 99

STAINLESS STEEL STRAP KIT

Replacement kit. Consists of 2 12-ft. stainless steel straps, stainless steel seals, triangular eyebolts, lockwashers, hexnuts. Puts an end to rust and corrosion. Shpg. wt. 2 lbs.

STOCK No. TS-53, lots of 3, ea. **1.34**

QUICK CLIP

This clip provides a simple, speedy method of attaching antenna leads to TV set. Can be instantly connected or disconnected. Can't short out. Works in any position. Shpg. wt. 4 ea.

Stock No. TS-18, Net, ea. **12¢**

Lots of 10 **99¢**

PERMA POWER TV VOLTAGE REGULATOR

Engineered to insure maximum performance of any TV set. Retains full height and width when low line voltage distorts picture. Reduces tube failures — increases set sensitivity. Handles full 300 watts—up 10 volts or down 10 volts. Turns on or off with set or appliance. 10 second installation.

TS-20 **Net 3.97**

BAKELITE KNIFE SWITCH

20¢ each

In lots

of 10

Quantity limited. Excellent for TV antenna switching. Heavy metal ports mounted on bakelite base. Double pole, double throw, 2 1/2". TS-100 **.24**

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.

TS-102 — 6 ft. brown cord **29¢**

INTERLOCK TV LINE SOCKET-8

Conventional male interlock socket. Standard type used on all television receivers. Heavily plated contact pins, 1/4" mounting centers. TS-104 **9¢**

TWIN LEAD SPLICE

Speeds splicing without need for twisting or soldering.

TS-104 **11¢**

10 for **99¢**

2-SET COUPLER

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.

MS-18 each **90¢**

In lots of 8 each **85¢**

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. Installation is a matter of minutes.

RCA 240A1 **Net 1.13**

NEW RATCHET CHIMNEY MOUNT

Ideal for rapid, easy installation. No eye bolts used. Ratchet pulls strapping from both directions. Ideal in cold weather. Zinc and dichromate plated heavy channel steel. Complete with all hardware and 2—12 ft. lengths of strapping. For masts up to 1 1/4" dia. Shpg. wt., 4 lbs.

TS-244 **Net 2.32**

STAINLESS STEEL STRAP KIT

Replacement kit. Consists of 2 12-ft. stainless steel straps, stainless steel seals, triangular eyebolts, lockwashers, hexnuts. Puts an end to rust and corrosion. Shpg. wt. 2 lbs.

STOCK No. TS-53, lots of 3, ea. **1.34**

STAINLESS STEEL STRAP KIT

Replacement kit. Consists of 2 12-ft. stainless steel straps, stainless steel seals, triangular eyebolts, lockwashers, hexnuts. Puts an end to rust and corrosion. Shpg. wt. 2 lbs.

STOCK No. TS-53, lots of 3, ea. **1.34**

STAINLESS STEEL STRAP KIT

Replacement kit. Consists of 2 12-ft. stainless steel straps, stainless steel seals, triangular eyebolts, lockwashers, hexnuts. Puts an end to rust and corrosion. Shpg. wt. 2 lbs.

STOCK No. TS-53, lots of 3, ea. **1.34**

STAINLESS STEEL STRAP KIT

Replacement kit. Consists of 2 12-ft. stainless steel straps, stainless steel seals, triangular eyebolts, lockwashers, hexnuts. Puts an end to rust and corrosion. Shpg. wt. 2 lbs.

STOCK No. TS-53, lots of 3, ea. **1.34**

MOUNTING ACCESSORIES



Leg screw expansion shield. 100% rust proof.

STOCK No. TS-50 **NET .04 ea.** 10 for **.81**

Leg bolts. 1/4" diam. shank. 1 1/2" long.

STOCK No. TS-51 **NET .04 ea.** 10 for **.36**

Star drill. 1/2" x 8" for drilling in concrete, brick or stone.

STOCK No. TS-52 **NET .49 ea.**

WALL GRIPS

Hollow Wall Screw Anchors. A quick positive wall anchor. Ribbed wings for positive stop. Beliefs at "Knees" allow expansion with less screwdriver torque. No marring of walls. 3/4" long, 3/8" body, 1/4" sleeve. With 10-34 screw.

TS-267—Net **12¢**

Lots of 10 **95¢**

ALL STAINLESS STEEL CHIMNEY MOUNT

Made entirely of stainless steel! The mount — straps — clips — rivets — screws — nuts — every piece is stainless steel. Everlasting — rust proof — non corrosive. Will take masts from 1/2" 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 EACH 4.41**

List 7.50 **IN LOTS OF 3, EACH 3.84**

RMS-BM-25 CAST ALUMINUM BASE MOUNT

Rugged cast base mount supplied in two sizes to accommodate satisfactory service under the most severe conditions. Hot dip galvanized steel "Y" mount. Two 12 ft. stainless steel straps and stainless steel seals.

Shpg. wt. 4 lbs.

TS-90. Ea. 2.08 **Lots of 3, ea. 1.88**

NO RUST BARGAIN MOUNT

The ideal chimney mount for life-long satisfactory service under the most severe conditions. Hot dip galvanized steel "Y" mount. Two 12 ft. stainless steel straps and stainless steel seals.

Shpg. wt. 4 lbs.

TS-90. Ea. 2.08 **Lots of 3, ea. 1.88**

PENN SUPER DUTY MOUNT

A super-heavy pole 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.

TS-91. Ea. 3.20 **Lots of 3, ea. 4.60**

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.

TS-136 **Per Pair 1.62**

ALUMINUM MAST

10-foot durable aluminum mast. 18 gauge—heavy wall—high tensile strength. Rust and corrosion proof.

TL-17. **Each 2.39**

Lots of 3, each **2.35**

STAND-OFF INSULATORS

Aluminum 3/4" Screw Eye Standoff.

TS-24. Ea. 40¢ **Lots of 10, ea. 3.75¢**

Stainless Steel 3/4" Adjustable Standoff.

TS-20. Ea. 9¢ **Lots of 10, ea. 87¢**

Favorite of TV Buyers, Dealers and Installers the Country Over

Big Values in Television Accessories

SUPERMAILS FOR TV LEAD-IN'S!

Drive-in type TV lead-in standoff insulator. Easily pierces brick, mortar, wood, and even most concrete. Moulded, low-loss dielectric plug has universal type "key-hole" slot to take flat twin-lead or coaxial cable. Makes an excellent mast coupler—fit sections together and drive supermail through joint. 3/4" long.

Stock No. TS-34, 10 for 63¢.....7¢

"FLOATING" GUY RING

Free-floating. Will not bind. Retains guy wire securely. Galvanized steel. For Mast.....

For 1 1/4" Mast	For 1 1/2" Mast
TS-44 Ea. 9¢	TS-67 Ea. 12¢
10 for 81¢	10 for 1.00

MAST GUY CLAMP

The mast guy clamp is practically a must for all television installers and repairmen. Has 6 guying points. A handy thing to keep in the tool kit for emergencies. Will accommodate masts up to one and one-half inches in diameter. Shpg. Wt. 1/4 lb

TS-76.....21¢

GUY WIRE RING AND COLLAR



GRA-140 — Cast aluminum floating guy wire ring and collar that will permit permanent fastening of guy wires, yet permit complete orientation of the mast.

GRA-141 — Same as above but will take masts up to 1 1/4".

TS-77 Ea. 1.06
TS-80.....1.42

3/4" PLATED GROUND RODS

For use where pipe ground is not available. Heavy steel rods for head.

TL-15 — 4 ft. 84¢
TL-16 — 6 ft. 64¢

"GRIP" GROUND CLAMP

Makes vice-like grip on pipe. Sharp pointed screw makes perfect contact.

TS-81.....15¢

DRIVE RING

Acts as dependable anchor for guy wire when hammered in at an angle. Made of galvanized steel.

TS-74 Ea. 5¢
10 for 45¢

BRIDLE RING

Anchors guy wire securely and permanently. Made of galvanized steel.

TS-71 Ea. 8¢
10 for 45¢

"CHEATER" EXTENSION

A 6 ft. extension for RCA, Philco, G.E., Admiral and other interlock type sets. Handy for service kit and work bench.

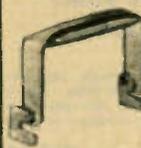
TS-107.....NET 44¢

FILAMENT CHOKES

Replacement for thousands of T.V. Sets. Used to eliminate strays, hum, and sound bars, isolating filaments, etc.

TS144 Pkg. of 5, 39¢

TV CHASSIS CARRIER



Safe, easy way to carry TV chassis. Smooth tubular handles. Positive lock on edge of chassis. Cannot slip off. Holds until released. Fits practically all TV chassis. Eliminates cut fingers — damaged components. Shpg. wt. 1 lb. TS-221.....Net 1.91

MAST CLAMP

Notched retaining clamp holds two masts firmly together in sturdy U-bolt. Made of galvanized steel.

TS-86.....Ea. 24¢
10 for 2.16

PENNALLOY COLLAR

Universally adapted to masts up to 1 1/4". Hardened cone points. Permits mast orientation when using guy wires.

TS-78 PENNALLOY COLLAR.....NET 27¢

U-BOLT

Made of galvanized steel. Supplied with nuts and washers in place.

TS-79 Ea. 15¢
10 for 1.35

ALL-ANGLE MOUNT

Permits setting of 1/4" to 1 1/4" masts at most suitable angle for maximum reception. Made of rust-resistant steel. With all mounting hardware.

TS-83 Dozen.....3.78 Ea. 35¢

3-WAY GUY WIRE CLAMP

Handy 3-way clamp for easy fastening of guy wires. Fits masts up to 2 1/2" diameter. Made of heavy gauge steel. Triple protected against corrosion.

TS-89.....NET 29¢

STEEL TURNBUCKLES



Takes up guy-wire slack. Most-proof galvanized steel. Size: 7/8" open, 5/8" closed.

TS-72.....13¢
10 for 1.17

STEEL GUY WIRE

Six strands of number 20 high-tensile strength galvanized steel wire. Can be used for any guying problem. This is one of the highest quality guying wires your money can buy. In 50, 100 and 500-foot rolls.

WR-22 — 50 ft. roll.....39¢
WR-29 — 100 ft. roll.....75¢
WR-30 — 500 ft. roll.....3.78

ALUMINUM GROUND WIRE

Heavy gauge, high tensile strength aluminum ground wire for use with lightning arresters and similar purposes.

WR-31 — 100 ft. coil.....1.59
WR-32 — 500 ft. coil.....7.59

JFD NEW PAL* INSULATOR STANDOFF

*Pivot - Action - Lock—The Serviceman's Best Friend!

- Clearer reception—keeps sensitive energy field away from metal standoffs
 - Pre-assembled—Nags keeps insulator on standoffs even when wide open
 - Cam type latch—locks in operating position
 - Universal insert—takes all types leadin!
- It's a snap! No more threading line through—no more removing and replacing grommets. Simply dip leads into place. That's it!

WOOD SCREW STANDOFF

Made Of Husky No. 9 Wires

T1-27	3/8"	.65 ea.	10 for .60
T1-28	3/4"	.85 ea.	10 for .84
T1-27	1 1/4"	.97 ea.	10 for .87
T1-29	1 3/4"	.13 ea.	10 for .13

CLIP ON STANDOFF

The Fastest, Surest Mast Standoff

T1-29 1 1/4" Mast .09 ea. 10 for .81

HOT NAIL STANDOFF

Bites into Any Masonry Or Wood Material

T1-30	3/8"	.13 ea.	10 for 1.35
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"NUT" STRAP-TYPE STANDOFF

Fits Any Mast—4 Full Machine Threads

T1-30	3/8"	.140 ea.	10 for 1.30
T1-31	3/4"	.13 ea.	10 for 1.35
T1-32	7/8"	.10 ea.	10 for 1.44
T1-33	1 1/4"	.36 ea.	10 for 2.70

With Stainless-Steel Strap

T1-80	3/4"	.184 ea.	10 for 1.80
T1-34	1 1/4"	.10 ea.	10 for 1.71
T1-35	1 1/2"	.22 ea.	10 for 1.80
T1-36	1 3/4"	.33 ea.	10 for 2.87

TV CHASSIS SUPPORT



Just slip on edge of chassis—tighten thumb screws—and prop chassis in most convenient working position. Made of heavily plated steel. Foolproof time saver. Can be fastened to bench. Shpg. wt. 2 lbs.

TS-220.....Net 1.75

UNIVERSAL TWIN-LEAD PLUG

The plug of one thousand uses. Fits all transmission line sockets as well as 1/4" crystal holder and octal tube sockets. Low-loss acrylic plastic. Solderless.

TS-102......19

TWIN LEAD SOCKET

Makes with transmission line plug above for constant impedance solderless connection of 500-ohm line. Designed for use where a mounted socket is not feasible.

TS-101......19

MOSLEY ANTENNA CONNECTOR

TYPE 304. For quick, solderless connection of lead-in to TV antenna terminal. Fits socket above. Low-loss polystyrene, and non-ferrous metal. Standard 1/4" spacing.

Shpg. wt. 2 oz. Stock No. TS-35.....18¢

TWIN-LEAD POLARIZED CONNECTORS

Polystyrene blocks, keep leads properly polarized no matter how often disconnected. For standard 300-ohm line. Each half measures 1/2" x 1/2" x 3/4".

TS-103 — per set.....29¢

WINDOW FEED-THRU

• NO DRILLING



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 set......58

FUSIBLE RESISTORS



Replacements for Motorola, Crosley, Emerson, Raytheon, Philco, Hoffman, Hallcrafters, Trutone, Sears, Montgomery Ward, Sentinel, Arvin and many others.

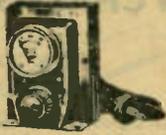
TS-253	Kit of 4, 5.6 Ohms	Net
TS-254	Kit of 4, 7.5 Ohms	.87
TS-255	Kit of 4, 9.0 Ohms	Each
TS-256	Kit of 4, 22 Ohms	Kit
TS-256	Kit of 4 values	

HERE YOU ARE, SERVICEMEN! SNAP UP THESE SPECIALS ON TV ACCESSORIES

ACME TYPE T8394M VARIABLE VOLTAGE ADJUSTER

Efficient 300-watt continuous duty, manually operated variable transformer. Adjusted by turning rotary top switch. May be used as step-up or step-down. Calibrated volt-meter indicates secondary voltage. Primary tapped for 95, 100, 105, 110, 115, 120 and 125 volts, at 50-60 cycles. Secondary output, 115 v. Non-aging, silicon steel laminations and thoroughly tested impregnated coils for low core loss. 8-ft. cord and plug. Size, 4 3/4" x 4" x 5"

Stock No. TR-14



11.32

JFD TV VOLTAGE REGULATORS

Maintain steadier TV pictures by keeping 110V AC or DC line voltage constant. Automatic voltage regulating action protects your TV set. Simply plug regulator into wall outlet and TV line cord into regulator. Shpg. wt. 1 lb.

JFD Type No.	Watts	Each
TS-115	200	1.68
TS-116	250	1.68
TS-117	300	1.68
TS-118	375	1.68



SOLA VOLTAGE REGULATOR

Completely automatic operation! No switches—no manual adjustments—no danger of voltage surge. Ends flicker, jitters and distortion due to line fluctuations and overload. The "Tele Volt" will stabilize fluctuations of 30% or more, constantly delivering the required voltage to your TV receiver. No installation problem—just plug into a regular outlet. Output 300 watts 115/120V AC. Shpg. wt. 2 1/2 lbs.

Stock No. SGLA 7202

NET 30.00

GE REPLACEMENT FILAMENT RESISTOR KIT

Replaces filament resistor in over 70 General Electric sets. Kit of 2 resistors and instructions.

Stock No. TS-144

NET EA. 1.44



2 MEG. 2 WATT 1% H.F. RESISTOR
Popular replacement in H.F. circuit of almost all TV sets.

Stock No. TS-145

NET EA. 35c

MILLER ADJUSTABLE ION TRAP

Adjustable between 32 and 55 gauss. Take 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.

Miller 6295

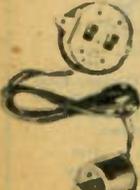
Net .73

G C ZIPT REJUVENATOR • BURNS OFF PICTURE TUBE SHORTS

Eliminates expensive picture tube repairs. No elaborate equipment needed. Repairs grid and cathode shorts in two minutes—without pulling the chassis! Easy to use—increases emission—decontaminates cathodes—restores operation of brightness control. Shpg. wt., 1/2 lb.

Stock No. TS-241

List 5.95 Net 3.50



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.

Stock No. MS-43

NET 94c

TEST-POINT ADAPTERS

Wish you could test a chassis topside? Without first pulling and wrestling with the heavy chassis? Without disturbing wiring and parts by digging underneath for buried sockets? How much faster, easier, safer you could work! New Test Adapter does the trick. Just replace a tube with the Test Adapter. Plug tube into Test Adapter. Presto! All socket connections are topside... within instant reach of your test prod. Just one job pays for this new Test Adapter. Get yours today!



Stock No.	Description	NET
MS-23	For 7 Pin Min. Tubes	1.45
MS-24	For 8 Pin Octal Tubes	2.25
MS-25	For 9 Pin Min. Tubes	1.75

ANODE EXTENSION



For connecting picture tube while outside of set when testing. 30" long for glass tubes.

Stock No. TS-46

Lots of 3, ea. .79
Singly, ea. .88

Same as above, but for metal tubes.

TS-171

TV SECOND ANODE CONNECTOR



For TV picture tubes. Silver plated snap button. 1 1/2" diameter rubber protected cap. Supplied with 12" wire leads.

Stock No. TS-47

Lots of 6, ea. .26
Singly, ea. .29

G. C. COLOR TV CHEATER



Made of high dielectric polystyrene. Protects from high voltage shock. Permits insertion of H-V probe. Blocks grounding of TV set high voltage supply.

Stock No. TS-237

Net .58

DEFLECTION AND INTERCHASSIS EXTENSIONS



For quick easy servicing these extension harnesses are custom designed for popular sets.

MAKE	TYPE	MODEL & YEAR	STOCK NO	NET
Emerson	Deflection Ext.	120182A, 120129B-D	TR-137	1.32
Emerson	Def. Single Lead	120182A, 120129D	TR-162	.35
Emerson	Deflection Ext.	120198D*	TR-165	.88
Dumont	Deflection Ext.	KA104, 105, 106, 108, 144, 145, 164, 171, 308, 307	TR-137	1.32
Dumont	Tuner Conn	169, 130	TR-137	1.32
Dumont	Hi-Volt To Chassis	KA104, 110	TR-167	.94
Dumont	Hi-Volt To Chassis	KA105, 108, 108	TR-168	1.18
Dumont	Deflection Ext.	RA109, 113, 120, 133	TR-149	1.32
Philco	Speaker Ext.	1919-1974	TR-144	.70
Philco	AGC Pulse Con.	Entire 90 series	TR-163	.64
Philco	Deflection Ext.	1919-50-51	TR-137	1.32
Philco	Deflection Ext.	1912-53-54	TR-139	1.32
Philco	Interchassis Ext.	191-52	TR-137	1.32
Philco	Interchassis Ext.	1912-53-54	TR-140	1.76
Sylvania	Deflection Ext.	187	TR-163	.64
Sylvania	Deflection Ext.	187	TR-166	.88

*For single lead extensions for chassis 120198D use two TR-162.

UNIVERSAL EBY 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. CAT EXTENSION is for both ELECTROSTATIC and MAGNETIC tubes.

Stock No. TS-141

Shpg. wt. 2 lbs. NET 3.53



ADAPT-TEST SET

6.35

Brings All Socket Voltages Out Into Open

No more reaching into inaccessible places. The Adapt-Test is a serviceman's dream. Consists of 20" cable with adapter socket at one end and test socket at other. Simply plug in adapter and read your voltages off the other end. Test points clearly numbered. Complete set of 3 for all octal, 7 pin and 9 pin miniature. Shpg. Wt. 1 1/2 lbs.

TS-209—Set of 3

Net 6.35

RETRACE ERASER

Designed To Eliminate Retrace Lines



Elimination of annoying retrace lines that interfere with TV reception is accomplished by the RETRACE ERASER. This plug in electronic network permits the set owner to turn up the brightness and contrast controls and enjoy optimum TV reception without the interference of annoying lines. The RETRACE ERASER is easily installed by plugging it into the back of the cathode ray tube and connecting one lead to the yoke. The installation can be done in less than two minutes.

Grid Type
For sets where video signal is fed into Grid Circuit of CRT.
TS 119

Cathode type
For sets where video signal is fed into cathode circuit of CRT.
TS 157

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, 40" lead. Shpg. Wt. 1 lb.

TS 158

Net 3.30



HARNESS EXTENSION KITS

Designed specifically for popular brand sets. Average Shpg. Wt. 1 lb.

PHILCO SERVICE KIT

Complete kit of harnesses to service any Philco TV set from 1949 to 1954. Contains 4 harnesses for deflection, interchassis and anode extensions.

Shpg. wt. 2 lbs.

TS-172

DUMONT SERVICE KIT

Contains 4 harnesses for high voltage to chassis, tuner and deflection extensions.

Shpg. wt. 2 lbs.

TS-173

EMERSON SERVICE KIT

Contains 5 units for deflection and anode extensions. Covers most models.

Shpg. wt. 2 lbs.

TS-174

COLOR TV HARNESS KIT

COLOR HARNESS KIT: Contains extension harnesses necessary to service most color sets. Includes CRT, Hi-Voltage, deflection and interchassis extensions.

TS-274—Shpg. wt., 2 lbs. Net 6.47

UNIVERSAL COLOR HARNESS KIT: Contains necessary extensions to service all color sets, including RCA. Includes CRT, tuner, convergence, hi-voltage, and interchassis extensions.

TS-275—Shpg. wt., 2 lbs. Net 8.53

COLOR CRT EXTENSION: 12 wires, for all color CRTs.

TS-276—Shpg. wt., 8 ozs. Net 3.15

TUNER EXTENSION: 4 wires, for RCA sets.

TS-277—Shpg. wt., 8 ozs. Net 1.19

CONVERGENCE EXTENSION: 12 wires, for all color sets.

TS-278—Shpg. wt., 8 ozs. Net 2.32

HI-VOLTAGE EXTENSION: Single wire, for all color sets.

TS-279—Shpg. wt., 8 ozs. Net 1.03

TV PICTURE TUBE SOCKETS

MOLDED: New all molded duo-decal socket for standard CRTs. Complete with back plate, contacts, hardware. Less leads.

TS-270—Shpg. wt., 6 oz. Net 1.18

LAMINATED: Duo-Decal TV socket with plastic cover. Pins 1, 2, 10, 11 and 12 wired for easy replacement. 18" leads.

TS-271—Shpg. wt., 8 oz. Net .41

Some as above wired for electrostatic and magnetic tubes.

TS-272—Shpg. wt., 8 oz. Net .47

COLOR TUBE SOCKET: For new type multi gun color CRT. Unwired complete with back plate and contacts.

TS-273—Shpg. wt., 6 oz. Net 2.06

UNIVERSAL TV JUMPER CORD

Extends power from back of TV set—unnecessary to move furniture to get to wall plug. Turns off TV set from rear. Two handy outlets for soldering iron and test equipment. Saves time and effort. Shpg. wt., 1 lb.

TS-243

Net 1.95



VALUES IN TV PARTS & ACCESSORIES

TYPE XM-752 SOUND TAKE-OFF COIL



For use with Standard Tuner for T.V. Sets. Requiring separate I.F. and sound I.F. S. Shpg. wt. 2 oz. **Net 1.12**

NEW! THE STANDARD "NEUTRODE" CASCADE TUNER

This is the latest design of the famous Standard Coil 12-channel tuners that have been used in more TV sets than any other. The "Neutrode" is an exact physical and electrical replacement for all previous Standard Coil cascade tuners, but is far superior in sensitivity and performance. Shaft is 6" long and can be cut easily to desired length—a perfect universal replacement. Supplied complete with 6C6B and 68N4 tubes and schematic diagram. Shpg. wt., 4 lbs.

TL-52—For 21 Mc. only.....Net 13.75
In Lots of 3.....Each 13.25

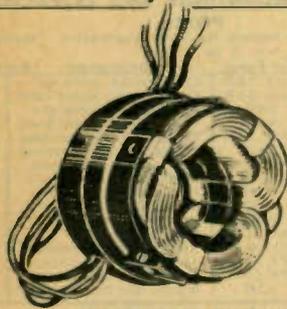
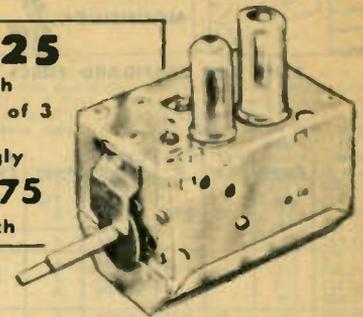
41 MC. CASCADE TUNER—Universal replacement for 41 Mc. tuners. Complete with 6AT8 and 6BQ7A tubes.

TL-18.....Net 14.95
In Lots of 3.....Each 14.25

13.25

Each
In lots of 3

Singly
13.75
Each



COSINE YOKES

SPECIAL VALUES
POPULAR REPLACEMENTS

REPLACEMENT FOR RCA 74952

70° direct drive cosine yoke. Exact replacement for RCA 74952, Stancor DY10, Merit MD30 and Ram Y70F30/S. Complete with leads & network. Shipping weight 1 lb.

TS-20.....Net 3.75

70° — 8/50 MH

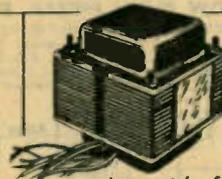
70° cosine. Horizontal inductance 8 MH, vertical inductance 50 MH. Replaces Stancor DY8A, Merit MDF72 and Ram Y70F08. Complete with leads and network. Shpg. wt., 1 lb.

TS-181.....Net 3.50

70° — 30/50 MH

70° cosine. Horizontal inductance 30 MH, vertical inductance 50 MH. Replaces Stancor DY12A, Merit MDF71, Ram Y70F25. With leads and network. Shpg. wt., 1 lb.

TS-19.....Net 3.50



COPPER SHIELDED TV POWER XFMR'S

HUSKY BRUTES AT HALF PRICE

Order Now . . . Quantities Limited

300 MIL POWER

Exact replacement for Sylvania part 55-83618-1 and for general replacement in thousands of other sets. Plate voltage 600 volts C.T. at 300 mls, rectifier 5 V. at 6 amps, Fil #1—6.3 V. at 12 amps, Fil #2—6.3 V. at 1.25 amp. Mtg centers 3 3/4" x 3". Shpg. wt. 15 lbs.

TR-71—In lots of 3, each.....3.75 Singly, Net.....3.95

T.V. POWER WITH DUAL H.V. AND DUAL RECTIFIER

Multiple H.V. and rectifier make this a fine unit to have on hand for hard to find replacements. Exact duplicate Sylvania 55-83418-1 and usable in thousands of other sets. Plate voltage #1—650 V.C.T. at 150 ml, plate voltage #2—290 V.C.T., rectifier #1—5V at 3 amp, rectifier #2—5V at 3 amp, Fil—6.3 V. at 13.5 amp. Mtg centers 3 3/4" x 3". Shpg. wt. 12 lbs.

TR-73.....Singly, Net.....2.95

WHEELER SOUND-POWERED PHONE

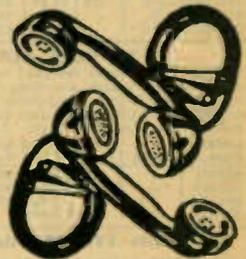
IDEAL FOR TV INSTALLATION

Requires no battery or line voltage. A whisper can operate this self-powered, self-contained telephone. Excellent speech fidelity. Unsurpassed for use in erecting TV antennas. Ideal for home or office room inter-communication. Effective over distances to 25 miles with No. 16 twisted wire; up to 15 miles with No. 19 twisted wire. 12 units can be connected in parallel. Usable with single wire and ground return. Attractive black, malded phenolic handset. Complete, ready-to-operate. With 3 1/2 ft. 2-conductor cable, test clips and rubber insulators. Less extension wire. Shpg. wt., 1 1/2 lbs. List \$13.75.

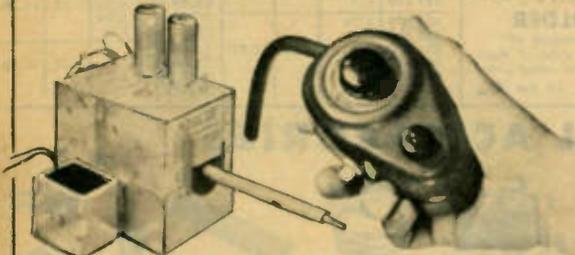
ML-21—WHEELER SPT-102 HANDSET. Per Phone. Net 9.62

2 cond. wire for indoor and outdoor use.

BELDEN 8486 per ft. .04 per 100 ft. 3.00

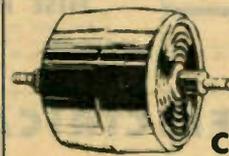


TV REMOTE CONTROL



The Controlmaster is a remote control that turns the set on or off, controls the volume, selects the channel, and operates the contrast control—all at a distance from the set and all from a small hand-sized control unit. A simple powerful solenoid operates the tuner. Easy to install. Comes complete with 25 ft. cable. Designed only for sets using the Standard Coil Tuners. Illustrated as it appears mounted on your tuner. Shpg. Wt. 5 lbs.

TL-23.....Net 18.75



500 MMF

HI

VOLTAGE

CONDENSERS

QUANTITIES LIMITED

STOCK NO.	CAP. MMF	ENDS	EACH SINGLY	EACH LOTS OF 5
C-600	500	1 THREADED, 1 TAPPED	.56	.49
C-607	500	BOTH ENDS THREADED	.68	.58
C-605	500	BOTH ENDS THREADED	.65	.55

COLOR TV SERVICE AIDS

(A) Color Bias Supply: Supplies three bias voltages needed for alignment of R. F. and I. F. in all colors and black and white TV sets. 3 Controls from 0 to 20 V, 3 combination binding post negative outputs and 1 positive common. Shpg. wt., 2 lbs.

TS-251.....Net 12.75

(B) Color Convergence Grid Shunt: 3 grid switch to shunt individual kinescope grids to ground when making color convergence adjustment. 4 extra long leads with insulated clips—color coded to match grids. Shpg. wt., 1 lb.

TS-252.....Net 3.95



VERTICAL OUTPUTS

QUANTITIES LIMITED

8.5:1 RATIO

Exact replacement for Emerson part 738066. Mtg. centers 3 1/4". Shpg. wt., 2 lbs.

TR-35—in lots of 3, each.....39 singly each.....49

44.4:1 RATIO

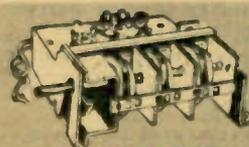
Exact replacement, Mallory part 55C192. Auto transformer type. Mtg. centers 2-13/16". Shpg. wt., 1 1/2 lbs.

TR-39—in lots of 3 each.....39 singly each.....49

45:1 RATIO

Exact replacement Sylvania part 56-91569, Mallory and many others. Mtg. centers 2 3/4". Shpg. wt., 1 1/2 lbs.

TR-74—in lots of 3, each.....39 singly each.....49



95c



MALLORY UHF INDUCTUNER

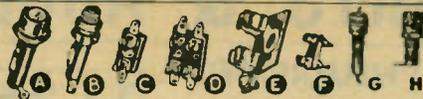
Here's a buy! Each unit contains the famous Mallory 3 gang UHF inductuner covering 470 to 890MC—the entire UHF TV band. The manufacturer who used these never completed his sets, so in addition to the inductuner there are miscellaneous other parts. The inductuner alone lists at \$15.00. Shpg. Wt. 4 lbs.

TL-28.....Net 95c

LITTELFUSE AND BUSS FUSES AND MOUNTS



LITTELFUSE MOUNTINGS



BUSS FUSE MOUNTINGS



TYPE 3AG STANDARD FUSES

Quick acting for low time-lag applications such as amplifiers—auto radios. U.L. approved. 1 1/4" L x 1/4" diam. All rated 250 volt except 8 amp is 125V. Littelfuse 312000 series. For Buss, specify AGC up to 3 amps, above specify MTH. 5 fuses per pkg.

Littelfuse #	Amps	Per Pkg	Per C	Littelfuse #	Amps	Per Pkg	Per C
312.062	1/16			312001	1		
312.125	1/8			31201.5	1 1/2	25	3.92
312.150	.175	.59	9.80	312002	2		
312.175	.175						
312.187	3/16			312003	3	22	3.44
312.250	1/4			312004	4		
312.300	3/10	.39	6.37	312005	5	.29	4.90
312.375	3/8			312006	6		
312.500	1/2						
312.750	3/4	.39	6.37	312008	8	.45	7.36

TYPE 8AG INSTRUMENT FUSES

Designed for high-speed action to protect delicate electrical equipment. Littelfuse 361000 series—Buss AGX series. All Littelfuse rated at 250 volts, except 5 amp rated 32 volt. Buss rated at 250 volt through 1/2 amp, above 1/2 amp rated 125 volt. 5 fuses per pkg. 1 1/4" L x 1/4" diam.

Littelfuse #	Amps	Per Pkg	Per C	Littelfuse #	Amps	Per Pkg	Per C
361.002	1/500	3.53	58.80	361.500	1/2	39	6.37
361.005	1/200	1.48	24.50	361.750	3/4		
361.010	1/100	1.34	22.06				
361.031	1/32	1.19	19.60	361001	1		
361.062	1/16	.79	13.24	36101.5	1 1/2		
361.125	1/8	.59	9.80	361002	2	.29	4.90
361.250	1/4	.39	6.37	361003	3		
361.375	3/8			361005	5		

3AG STANDARD PIGTAIL FUSES

Designed for use in TV receivers and other applications where absolute economy in space is necessary. Littelfuse 318000 series. For Buss, specify GIV. Rated at 250V. U.L. approved through 3 amps. 1 1/4" L x 1/4" diam., pig-tails 1/4" #20 tinned copper wire. 5 fuses per pkg.

Littelfuse #	Amps	Per Pkg	Per C	Littelfuse #	Amps	Per Pkg	Per C
318.062	1/16			31801.5	1 1/2		
318.125	1/8	.75	12.25	318002	2	.45	7.35
318.150	1/4			318003	3		
318.250	1/2			318004	4		
318.375	3/8	.59	9.80	318005	5	.48	7.84
318.500	1/2			318006	6		
318.750	3/4						
318001	1	.45	7.35				

3AG SLOW BLOW PIGTAIL FUSES

Widely used in TV receivers. Designed to withstand heavy surges and instantaneous peaks yet quick acting under short circuit. Littelfuse 315000 series. For Buss, specify MDV. All rated 125 Volt. U.L. approved through 3.2 amp. 1 1/4" L x 1/4" diam., pig-tails 1/4" #20 tinned copper wire. 5 fuses per pkg.

Littelfuse #	Amps	Per Pkg	Per C	Littelfuse #	Amps	Per Pkg	Per C
315.010	1/100	1.33	22.05	315.500	3/4		
315.032	1/32			315.800	8/10	.99	16.66
315.062	1/16			315001	1		
315.100	1/10						
315.150	15/100	.99	16.66	3151.25	1 1/4		
315.187	3/16			31501.5	1 1/2	.96	15.68
315.200	2/10			31501.6	1 6/10		
315.250	1/4			315002	2		
315.300	3/10			31502.5	2 1/2		
315.375	3/8	.99	16.66	315003	3		
315.400	4/10			31503.2	3 2/10	.79	13.24
315.500	1/2			315004	4		
315.600	6/10			315005	5		

LITTELFUSE MOUNTINGS AND EXTRACTOR POSTS

Mounts and fuse holders for every application. *Includes fuse. Avg. shpg. wt. 3 oz.

Type	Fig.	For Fuses	Description	Net Ea.
341001	A	3AG, 3AB	Panel mount, screw slot	.29
342001	B	3AG, 3AB	Panel mount, finger knob	.29
371001	A	RAG	Panel mount, screw slot	.29
372001	B	RAG	Panel mount, finger knob	.29
357001	C	3AG, 3AB	Single fuse, lug terminal	.12
387001	C	RAG	Single fuse, screw term.	.25
356001	C	3AG, 3AB	Single fuse, screw term.	.25
357002	D	3AG, 3AB	Double fuse, lug term.	.24
387002	D	RAG	Double fuse, lug term.	.24
383002	E	RAG	Meter-back mtg.	.21
383001	F	RAG	Below panel mtg.	.35
353001	F	3AG, 3AB	Below panel mtg.	.35
155000*	G	SFE (9A)	Auto inline fuse retainer	.29
155014*	G	SFE (14A)	Auto inline fuse retainer	.29
155020*	G	SFE (20A)	Auto inline fuse retainer	.29
342003	H	3AG	Mini. fuse extractor post.	.29

TYPE 3AG SLOW BLOW FUSES

High time-lag to withstand heavy surges, blows quickly on shorts. Units through 5 amp are rated 125 volts and are U.L. approved, above 5 amp rated 32 volt. Littelfuse 313000 series. For Buss, specify MDL. 5 fuses per pkg. 1 1/4" L x 1/4" diam.

Littelfuse #	Amps	Per Pkg	Per C	Littelfuse #	Amps	Per Pkg	Per C
313.010	1/100	1.07	17.64	313001	1	.79	13.24
313.032	1/32						
313.062	1/16			3131.25	1 1/4		
313.100	1/10	.79	13.24	31301.5	1 1/2	.73	12.26
313.125	1/8			31302.5	1 6/10		
313.150	15/100			31302.5	2		
313.175	17 1/2			313003	3		
313.187	3/16	.79	13.24	31303.2	3 2/10	.59	9.80
313.200	2/10			313004	4		
313.250	1/4			313005	5		
313.300	3/10			3136.25	6 1/4		
313.375	3/8	.79	13.24	313008	8	.59	9.80
313.400	4/10			313010	10		
313.500	1/2			313015	15		
313.600	6/10			313020	20		
313.700	7/10	.79	13.24	313025	25	.59	9.80
313.750	3/4			313030	30		
313.800	8/10						

32 VOLT AUTO FUSES

Medium acting fuses designed for auto use. Sizes to SAE specifications, length according to current rating to guard against over-fusing. Littelfuse 307000 series except 7 1/2 amp is type 3AG 307005 used in new 12V cars. For Buss, specify SFE. All 1/4" diam. 5 fuses per pkg.

Littelfuse #	Amps	Per Pkg	Per C	Littelfuse #	Amps	Per Pkg	Per C
307004	4	.16	2.69	307014	14	.14	2.19
307006	6	.16	2.69	307020	20	.14	2.19
30307.5	7 1/2	.15	2.45	307030	30	.18	2.94
307009	9	.15	2.45				

LIMITED CURRENT FUSES

Exact TV replacements. Fuses match holders for specific size ranges. Littelfuse series 332000. For Buss, specify type C. Rated 250 volt through 6 amps and 125 volt above 7 amps. 5 fuses per pkg.

Littelfuse #	Amps	Per Pkg	Per C	Littelfuse #	Amps	Per Pkg	Per C
332.032	1/32	1.25	20.58	332.75	1 1/4		
332.062	1/16	.63	10.29	332002	2	.27	4.41
332.125	1/8			33202.5	2 1/2		
332.187	3/16			332003	3		
332.250	1/4			33203.5	3 1/2		
332.300	3/10	.48	7.84	332004	4		
332.375	3/8			332005	5	.35	5.88
332.500	1/2			332006	6		
332.750	3/4			332007	7		
332001	1			332008	8	.49	8.23
3321.5	1 1/2	.27	4.41	332010	10	.54	8.72
33201.5	1 1/2						

FUSETRON TYPE T DUAL-ELEMENT FUSES

Contain 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.

Buss #	Rating	Per Pkg.	Buss #	Rating	Per Pkg.
T-20	20	27	T-25	25 amp	27
T-15	15 amp		T-30	30	



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 EACH 8c 10 for 70c

SLOW BLOW LIMITED CURRENT FUSES

Exact TV replacement. Fuse matched to fuseholder. Littelfuse series 333000. For Buss, specify Type N. All rated 125 volt except 6 1/2 and 7 amp rated 32 volt. 5 fuses per pkg.

Littelfuse #	Amps	Per Pkg	Per C	Littelfuse #	Amps	Per Pkg	Per C
333.016	1/100	1.19	19.60	333001	1	.64	13.72
333.032	1/32						
333.062	1/16			3331.25	1 1/4		
333.100	1/10			33301.5	1 1/2	.78	12.74
333.150	15/100	.84	13.72	33302.5	2		
333.200	2/10			33303.2	2 1/2		
333.250	1/4			33302.8	2 8/10	.72	11.76
333.300	3/10			33303.2	3 2/10		
333.400	4/10			33303.5	3 1/2		
333.500	1/2	.84	13.72	333004	4		
333.600	6/10			333005	5	.72	11.76
333.750	3/4			3336.25	6 1/4		
333.800	8/10			333007	7		

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 log handles temporary starting loads and line surges. Dead front construction eliminates danger from shock or sparks. No special equipment—no special wiring required! U.L. approved, of course. Tested to 12,000 on-off cycles without failure! Available in 5, 10, 15, 20 or 30 amps. State amperage required.

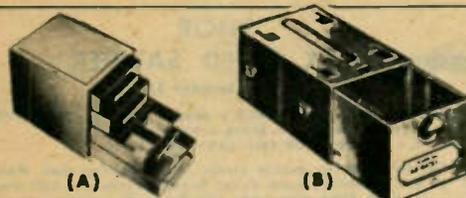
Rating	Net each	Per Pkg.
5	1.26	13
10	1.26	13
15	1.26	13
20	1.26	13
25	1.26	13
30	1.26	13

ELECTRICAL ACCESSORIES



- SINGLE SURFACE OUTLET. Brown bakelite. Wood mounting screw. EL-15—Ea., .08. 10 for .72
- BAKELITE PLUG. Sturdy prongs. EL-16—Ea., .05. 10 for .45
- FRICTION TAPE. 1/4" width. EL-35—4 Oz. each. .22
EL-36—8 Oz. each. .39
- PLUG FUSES. U.L. approved, 5 per box. EL-18—10 ampere
EL-19—15 ampere
EL-20—20 ampere
EL-21—30 ampere
Box of 5, either of above. .24
- CURRENT TAP. Bakelite. Straight socket with 2 plug outlets. EL-22—5 amp. wt. 4 oz. .15
- DUPLEX FLUSH RECEPTACLE. EL-23—Ea., .13. 10 for 1.17
- 3-WAY SURFACE OUTLET. Brown. Pin Type terminals, wood screw. EL-24—Ea., .14. 10 for 1.26
- CUBE TAP. Brown. 3 outlets. Shipping weight 2 ounces. EL-25—Ea., .11. 10 for .99
- HANDLE PLUG. Of soft rubber. Shipping weight 1 ounce. EL-26—Ea., .07. 10 for .63
- MIDGET CORD CONNECTOR. Flat two-piece. Underwriters listed. EL-27—Ea., .19. 10 for 1.71
- INSULATED STAPLES. No. 5. 1/4" x 1/2". EL-14—Package of 100. .18
10 packages for. 1.60
- RUBBER CUBE TAP. 3 outlets. Unbreakable one piece soft rubber construction. EL-28. .23 ea.
- CUBE TAP EXTENSION. Trio tap. 9 ft. rubber cord, AC plug. Brown. EL-29—Brown. Ea., .41. 10 for 3.69
- AC LINE CORD. 6 ft. AC line cords. fine quality zip cord with sturdy plug. EL-13. .19
- CANOPY SWITCH. Rotary type, composition top. Very shallow. Wire leads. Rated 3 amp. at 125 V. SW-18. Each. .18. 10 for 1.62
- FUSED PLUG. Uses 3AG fuse to each side to protect line. Fuses easily replaced. Supplied less fuses. EL-32. .34 ea.
- RUBBER CORD CONNECTOR. With pull handle for extension cords. 1 1/4" diameter. 15A. at 125V. EL-33. .27 ea.

Values for Servicemen and Dealers



SPECIAL STEEL CABINET (A)—An ideal all-steel cabinet for stocking and storing small parts. Three drawers contain six partitions and one drawer one partition for larger parts. Beautiful blue hammer-tone finish. Size 6" wide, 6 1/4" high, 8" deep. Shpg. wt., 3 lbs.

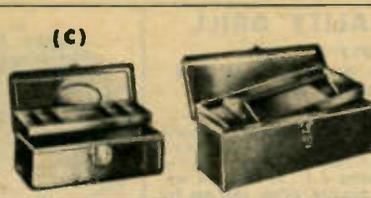
MC-10.....Net 1.95

STEEL 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. Two-tone green finish, all steel construction. Size: 2 3/4 x 2 1/4 x 5". Wt., 10 oz.

MC-11.....Ea., 39c

In lots of 10, ea. 35c

MC-13—Dividers for above.....3c

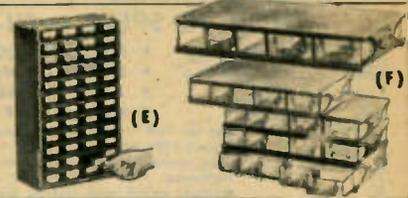


TOOL AND UTILITY BOX (C)—14 1/2" long tool box. Caniliver tray with four compartments. Room enough for soldering iron, pliers, screw drivers, wrenches, etc. Push-button catch with hosp for lock. Folding, recessed handle. Baked enamel finish in glossy green. 14 1/2" long, 6 1/4" wide, 4 1/2" deep. Shpg. wt., 3 lbs.

MC-12.....Net 1.45

SUPER TOOL CHEST (D)—A steel chest built to last. Removable take-away. Double lock seamed 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 4.25



STEEL STORAGE CABINETS (E)—Efficient, space saving cabinets. All steel frames. Clear plastic drawers. Drawer stop prevents spilling. Dividers supplied make up to 3 compartments per drawer. May be wall mounted. Drawer size 5 1/4" x 2 7/8" x 1 1/4".

Stock No.	No. Drawers	Size H W D	Shpg. Wt.	Price
MC-14	16	7 3/8 x 12 1/2 x 6	8	4.19
MC-15	24	10 1/2 x 12 1/2 x 6	10	5.69
MC-16	32	13 1/4 x 12 1/2 x 6	13	7.79
MC-17	48	20 1/4 x 12 1/2 x 6	19	11.19

STAK-UP STORAGE CABINETS (F)—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 1/2 lbs.

MC-23—1 double and 2 single drawers.....Net 1.15

MC-24—4 single drawers.....Net 1.15

ARROW GUN TACKER KIT

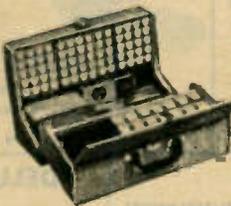
- ONE SQUEEZE—AND YOU'VE NAILED IT!



Kit contains everything you need for 100's of nailing jobs. One hand operation—double leverage for ease in handling. Shoots a staple wherever you'd drive a nail. T-50 gun handles four different staple sizes, 1/4", 3/8", 1/2" and 9/16". Includes T-50 gun, 5000 ass't. staples and staple remover. Shpg. wt., 5 lbs.

HD-296.....Net 11.63

TV TUBE CADDY



Here's a real value in a portable caddy. Holds up to 130 tubes. Unique break-away section makes everything quickly available. Has compartment designed for carrying instruments and large tools and a 3 section compartment for smaller tools, wire solder, etc. Wood case with plastic coated fabric covering measures 16" W x 12 1/2" H x 8" D. Shpg. wt., 13 lbs.

ML-75.....Net 6.75

SOLDER-MATIC ATTACHMENT



Latest production line and service tool. Turns solder gun into automatic tools. Permits "trigger" solder feed—gives you an extra hand. Fits on to soldering gun and feeds solder every time you pull the trigger. Speeds all soldering operations. Less spool and solder. Shpg. wt., 3/4 lb.

HD-286—For Weller 8100 & 8100K.....Net 4.95

HD-287—For Weller S-400 & D-440.....Net 4.95

HD-288—For Weller 8150A, S-500 & D-550.....Net 4.95

HD-289—Spool of Resin S 50/50 Solder.....Net .29

HD-290—Spool of Multicore 60/40 Solder.....Net .29

DREMEL MOTO-TOOL KIT

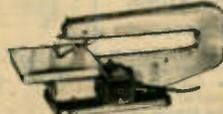


Designed for light grinding, polishing, drilling, carving, sanding, sawing, engraving, routing, etc. Handles as easily as a pencil. Does fine detail work with pinpoint accuracy. Ideal in shop, industry, lab, hobby, model making, home work shop, etc. Automatic chuck lock—oil-less bearings—bakelite housing. 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 16.86

DREMEL JIG-SAW

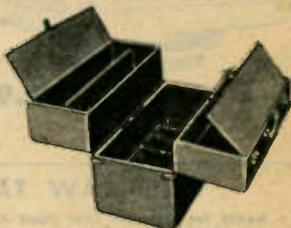
- POWERFUL ROTARY MOTOR



Cuts and outperforms heavier units selling for much more. Extra rugged, built for heavy-duty use. Cuts wood up to 1 1/4" thick—plastics—light metals. 15" throat—cuts to center of 30" circle. Powerful, self contained, rotary motor. Exclusive rocking action. Table tilts to 45°. Safe enough for youngsters. 8" x 23" x 9 1/2" overall. For 110-120V 60 cy. AC only. UL approved. Shpg. wt., 14 lbs.

HD-295.....Net 23.48

TV TUBE CADDY



Designed with the serviceman in mind. Center section has 6 sections. Three hinged swing-out sections each with its own button-down cover. One top section undivided for larger items, other top section divided lengthwise. Made of heavy wood, with 4 metal braces at hinge corners. Lever-action snap locks. Plastic carrying handle. All hardware nickel plated. Size 16 1/2" L x 13 1/2" H x 8 1/2" W. Covered with tough wear resistant material. Shpg. wt., 10 lbs.

ML-50.....Net 10.75

DREMEL MOTO-SAW



Lightning fast — makes 7200 strokes per minute and cuts 1 foot a minute through wood up to 3/4" thick! The only electrically driven hand jig saw that saws the most intricate patterns, cuts at any angle and works on assembled projects. Automatic switch in the handle. For 110 volts, 50/60 cycles. AC. Supplied complete with cord and plug and 3 blades. Shpg. wt., 2 lbs.

HD-293.....Net 5.37

HD-294—12 extra Blades.....Net .47

"RUB-R-IZE" Liquid Rubber

- WATERPROOFS - REPAIRS - INSULATES



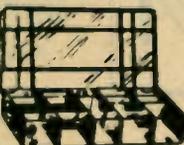
Shockproof tools—insulate wires and terminal—weatherproofs ignition—patches awnings, canvas, linoleum, roofs, leaders, hoses. Natural liquid rubber. Extreme flexibility. Available in Red—Green—Black—Transparent. Specify color.

MS-109—2 oz. bottle.....Net .54

MS-76—1/2 pt. Shpg. wt., 1 lb.....Net

MS-77—1 pt. Shpg. wt., 1 1/2 lb.....Net 1.82

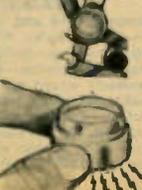
TRANSPARENT UTILITY BOXES



These attractive, crystal-clear plastic boxes make ideal storage compartments for screws, nuts, bolts and hundreds of other small parts. Built-in partitions keep parts separated at all times. Tight, snug fit of hinged cover assures parts remaining in correct compartment even when carried upside down.

Stock No.	Dimensions	Compart.	Wt.	Each
MS-51	7" x 3 1/2" x 1-3/16"	5	5 Oz.	.41
MS-52	8 1/4" x 4 1/4" x 1 1/4"	6	7 Oz.	.53
MS-53	7" x 3 1/2" x 1-3/16"	9	5 Oz.	.41
MS-54	8 1/4" x 4 1/4" x 1 1/4"	12	7 Oz.	.53
MS-55	10 1/4" x 6.4 x 1 1/4"	18	17 Oz.	1.35

MAGNA-MAG



6X magnifying glass with built in magnet. Attaches to any ferrous metal. Simplifies reading of vernier scales, calipers, gages, rules, etc. A vast pocket tool for machinists, lay-outmen, draftsmen, inspectors, engineers. Saves time, reduces eyestrain, insures accuracy. Detects surface flaws in dies, sheet metal, etc. Will withstand rugged usage. Shpg. wt., 4 oz.

HD-291.....Net .69

FRACTION OF AN INCH ADDING MACHINE

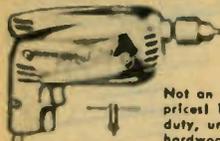


- ADDS AND SUBTRACTS FRACTIONS
- CORRECT ANSWERS INSTANTLY
- NO CONVERTING

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—machinists—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. Shpg. wt., 1/2 lb.

HD-297.....Net 2.65

THOR HI-SPEED — HI-QUALITY DRILL



- FAMOUS MODEL 201J 1/4" DRILL
- SPECIALLY WOUND HI-TORQUE MOTOR
- JACOBS GEARED CHUCK WITH KEY
- BALL THRUST BEARING

Not an "off" brand — but famous Thor quality at famous Lafayette prices! 1500 RPM at full load — 2400 — RPM no load speed. Heavy duty, universal, series wound motor. 1/4" capacity in steel — 1/2" in hardwood. Fully UL approved — including 6 ft. SJ cord and momentary switch with locking pin. Self aligning oilless bearings for smooth efficient operation. 9" overall length — for 115V AC/DC. Shpg. wt. 4 1/2 lbs.

14.66

THOR 201J—List 19.95 Net 14.66

THOR HI-POWER 3/8" SPEED DRILL



- HEAVY DUTY — CONTINUOUS OPERATION
- RATED FULL 2.5 AMPS
- 3/8" JACOBS GEARED CHUCK
- DESIGNED FOR MAINTENANCE AND INSTALLATION

More power for service work — production lines — mechanics — or anyone requiring a continuous duty drill. 3/8" capacity in steel — 1/2" capacity in hardwood. Highly polished cast aluminum housing — ball thrust bearings — other bearings oilless anti-friction bronze. 1000 RPM no load speed — 650 RPM full load speed. Trigger switch with locking pin. 6 ft. 3 conductor SJ cord grounds motor housing. Geared chuck takes shanks up to 3/4". Universal series wound motor. For use on 110-120V AC/DC. Shpg. wt., 6 lbs.

26.25

THOR 325—List 35.00 Net 26.25

THOR BENCH SPEED GRINDER

345D RPM NO LOAD SPEED • HUSKY 1/12 HORSE POWER MOTOR



The perfect grinder for the small shop — garage — maintenance man. Twin 4 1/2" x 3/4" wheels. 1 — 60 grit and 1 — 120 grit. 3/4" arbor hole. Light weight die cast aluminum case. Rubber feet for operation anywhere. Can be bolted to bench or service truck. Self aligning oilless bearings. 6 ft. heavy duty cord. 7 1/2" overall length. Blue wrinkle finish. Use on 110-120V. 60 cycle AC only. Shpg. wt., 9 lbs.

THOR 117—List 16.50 Net 12.94

THOR HEAVY DUTY 1/2" SPEED DRILL

- THE STANDARD FOR SERVICE — CONSTRUCTION — GARAGE — MAINTENANCE
- CAST-IN FRAME AIR COOLING AND LUBRICATING
- 1/2" GEARED CHUCK WITH KEY



28.95

The perfect combination of power — rugged construction — lightweight — and ease of handling. Die cast polished aluminum housing. Removable side handle. Capacity 1/2" in steel — 1" in hardwood. Heavy duty rodial and end thrust ball bearing on spindle — self aligning bronze bearings elsewhere. 6 ft. 3 conductor SJ cord. UL approved. Trigger switch with locking pin. 650 RPM no load — 425 RPM full load. Heavy duty, universal, series wound motor. 13" overall length. Use on 110-120V AC/DC. Shpg. wt. 12 lbs.

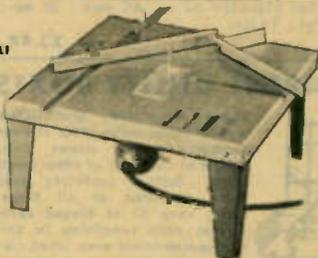
THOR 400—List 39.50 NET 28.95

WEN SAW TABLE

- MAKES THE WEN 505 SAW YOUR MOST VERSATILE TOOL!
- CUT CIRCLE! MITRE! SCROLL! SAW! DOVETAIL!

Precision features not found on any saw table near this price. Saws any angle — rip — cut perfect circles — use as scroll saw — saws with perfect accuracy. Make dovetail joints and other deluxe cuts made only on expensive machinery. Table is 5" x 13" x 7 1/2", heavy gauge steel. Wen 505 Saw snaps and locks into place at once. Includes protractor, protractor fence, circle cutting device, jointer and 5 blades. 14 pitch blade for wood — 8 pitch blade for joints — knife blade for leather, rubber, paper, etc. — 32 pitch high temper blade for bakelite, formica and sheet steel. Shpg. wt., 12 lbs.

WEN 505 Net 9.32



WEN ELECTRIC POWER SAW

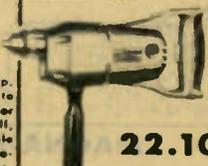
A truly universal power saw for the home workshop. Cuts 2x4's easily in seconds! Safe to use, easy to handle. Does the work of a rip saw, a big saw or a band saw. Operates as coping, crescent, scroll, hack or keyhole saw. Makes its own starting hole on inside cuts. Saws wood, plastics, metals, composition, hard rubber, etc. Cuts straight lines, curves, circles and intricate designs. Air stream blows sawdust off guide line. Well balanced, light weight. 115V AC/DC 1.8 amp motor. 2650 strokes per minute. Length of stroke 3/4". 6 3/4" L x 5" H. 6" UL approved cord. Supplied with 3 assorted blades. Shpg. wt. 4 lbs.

19.57 Each
In lots of 3
Singly,
Each 22.01

WEN MODEL 505 In lots of 3, Each 19.57
Singly, Each 22.01

BLADES FOR WEN SAW

WEN 50-A-35 — Pkg. of 3 Coarse cutting blades 70
WEN 50-A-36 — Pkg. of 3 Med. cutting blades 70
WEN 50-A-37 — Pkg. of 3 Fine cutting blades 70
WEN 50-A-34 — Pkg. of 3 Assorted blades 84



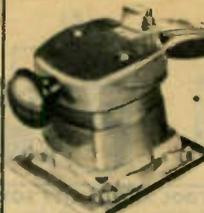
22.10

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 from power take off A to B. 3/4" geared chuck. 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.

WEN 808—List 29.95 Net 22.10

THOR 15T SPEED SANDER

Here's Our Hot Sander Special



- PROFESSIONAL PERFORMANCE — MOTOR DRIVEN — 3450 RPM
- SANDS — SMOOTHS — BUFFS — POLISHES — RUBS!
- USE SHEET OR FREE (WET) ABRASIVES!

Get this new top quality sander for all sanding uses. Here's an orbital motion, motor driven finishing sander (no load speed — 3450 RPM) that sands, smooths, buffs, polishes, or rubs with both sheet abrasives or wet (free) abrasives. Sanding area — 4 1/2" x 5 1/4". Features all sealed ball bearings; direct-connected air-cooled motor. Rugged blue hammer-aid cast aluminum body. Handy switch prevents accidental starting. UL approved. Use on 110-120V 60 cycle AC only. Shpg. wt., 7 lbs.

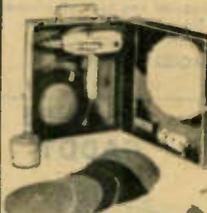
THOR 15T—List 24.95 NET 17.47

THOR 3509—Lambwool polishing pad NET .85

THOR S-106—10 sheets assorted sandpaper NET .85

THOR 3/8" CAR AND HOME POLISHER KIT

- POWER PACKED 3/8" DRILL & POLISHER KIT
- PROFESSIONAL DESIGN AND QUALITY
- GEARED CHUCK WITH KEY



Exceptionally powerful — lightweight — 3/8" Speedrill-Polisher. Extra long grip and auxiliary side handle for additional thrust and ease of handling. Sealed rodial and end thrust ball bearings on spindle. 1400 RPM no load — 900 RPM full load speed. UL approved. 10 ft. 3 conductor SJ cord. Kit contains: #36 Speed Drill-Polisher, 3/8" geared chuck and key, 7 drill bits, wire brush, 6 sanding discs, 6" rubber backing pad, 6 1/4" lambs wool bonnet, paint strainer, hand felt buffer, cerium oxide can also be used as wall rack. Shpg. wt., 10 lbs.

THOR 36K—List 49.95 Net 39.16

Model 36 — 3/8" Speedrill-Polisher with discs, bonnet and backing pad only. Shpg. wt., 7 lbs.

THOR 36—List 39.95 Net 31.29

DELUXE 45 Pc. WORKSHOP KIT

- Powered by 1/4" drill with Jacobs geared chuck

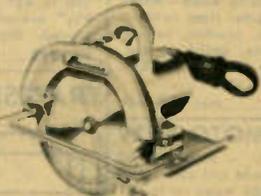


Everything the home workshop — hobbyist — craftsman could require in a power tool kit. You get a UL approved 1/4" drill with Jacobs geared chuck, 4" saw attachment, 4" saw blade, horizontal bench stand, 3 piece drill press, steel saw table with protractor, lambs wool polishing bonnet, cloth buffer, rubber backing pad, seven drill bits, paint mixer, 3 grinding wheels, 12 sanding discs, eight piece adapter set. Shpg. wt., 20 lbs.

MD-258 Net 29.95

FAIRCHILD 7" PORTABLE POWER SAW

- 1 1/4 HP — 8 AMP MOTOR — 5500 RPM



The famous Fairchild "Big 7" power saw — with power to spare for the toughest jobs. Maximum depth of cut 2 3/4" at 90° — at 45° 2 1/8". Depth adjustment calibrated to 0. Positive action depth and angle adjustments. Rip guide gauge graduated from 1/4" to 6". Retractable blade guard. Helical drive gears. Standard 1/2" round arbor. Bright finish die cast aluminum housing. Three position handle and rear mounted controls. 9 ft. heavy duty cord. 110-120V. AC/DC. Shpg. wt., 12 lbs.

MD-255—List 39.95 Net 29.96

MD-240—7" Crosscut Blade MD-262—7" Combination Blade
MD-261—7" Rip Blade MD-263—7" Fine Tooth Blade
Choice each 2.25

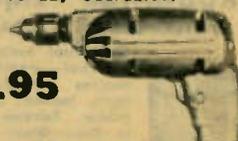
New! WEN 2 SPEED 3/8" POWER DRILL

- HI SPEED — 3000 RPM
- LOW SPEED — 1000 RPM
- CAPACITY IN WOOD 1/16" to 2 1/2" — IN STEEL 1/16" to 1/2"
- BALL THRUST BEARINGS

ALL PURPOSE 1/4" UTILITY DRILL

- Rugged — Dependable — Efficient
- 1/4" capacity in steel — 1/2" in wood!
- 1600 RPM no load speed!
- Full 90 day Guarantee!

9.95



Highest possible quality at this lowest possible price. UL and CSA approved. Die cast aluminum housing — trigger switch with "lock" and instant release. Lightweight — easy to handle — easy to use. High efficiency, 1.3 amp. motor. For 110-120V. AC/DC. Positive "band-ite" chuck. Shpg. wt., 4 lbs.

MD-204 Net 9.95



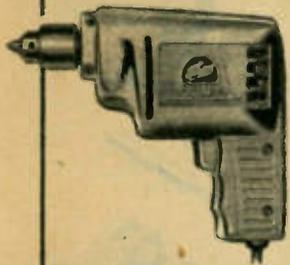
LAFAYETTE Leaders...

SPECIAL PURCHASE 1/4" DRILL FULL 2.5 AMPS—HEAVY DUTY

- UL APPROVED • HELICAL CUT GEARS
- BALL THRUST BEARINGS
- GEARED CHUCK AND KEY

A real heavy duty 1/4 in. drill—manufacturers rated at a full 2.5 amps. Preferred and used by professional mechanics for many years. Built for continuous production on wood or metal. Powerful, UL approved, universal motor. 1/2" capacity in steel. 3/4" in hardwood. Ball and self lubricating bronze bearings throughout. No load speed 2400 RPM. Strong, lightweight, cast aluminum alloy housing. Specially designed gear chain for greatest torque. Locking Trigger switch. Backed by Lafayette famous Money Back Guarantee. Shpg. wt., 5 1/2 lbs.

HD-266Net 13.95



WELLER POWER SANDER

- Positive Straight Line Action Sands with The Grains
- Large Sanding Area Full 25 sq. inch
- Powerful High Speed Cool Motor
- 14,400 Strokes Per Minute

Power-packed reciprocating type motor in easy-grip case only 2 1/2" high with push-button on-off fingertip control. No torque, bucking or twisting. Positive straightline action. Tension-lock paper holders. Rubber insulators between motor and housing minimizes noise. 25 sq. in. sanding area. Complete with 8 ft. cord, 6 sheets asst. sandpaper and polishing cloth. Shpg. Wt. 3 1/2 lbs.

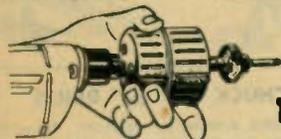


10.99

WELLER 700

Net 10.99

NEW MODEL 4100 VERSAMATIC



ONLY

11.25

- 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 of 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.

HD-195Net 11.25

#4000P PROFESSIONAL VERSAMATIC

Heavy duty, professional model. Attaches directly to 1/2" x 20" or 3/8" x 24" spindle. May be seated in chuck by means of adaptor furnished. Yankee type bit clip. Includes #1, #2, and #3 Phillips type bits—medium screwdriver bit—heavy screw driver bit—medium screw driver with flinder—1/4" sq. and 3/8" sq. drive adapter—chuck adapter—wrench pin—thread cover. Shpg. wt., 6 lbs.

HD-251Net 24.95

SUPREME PUSH-PULL TAPPER

The answer to taping problems for big or small shops. Light-safe-inexpensive. Use with any 1/4" or 3/8" drill. Push—and the tap runs in smoothly. Pull—and it comes out easily. 7:1 speed reduction for more than adequate power—Instant reversing. Includes collets to take taps up to 5/16" dia. Shpg. wt., 5 lbs.

HD-267Net 29.95

1/2" CHUCK FOR VERSAMATIC

Geared chuck—5/64" to 1/2" capacity—#33 taper to fit Supreme Versomatic. Shpg. wt., 1/2 lb.

HD-268Net 6.95

BABCO 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-269Net 3.30

SANDING AND POLISHING KIT USE WITH ANY DRILL

Handy Sanding and polishing kit for use with drill or drill press. Takes the work out of sanding and polishing jobs. Ideal for removing rust—paint—auto polishing, etc. Kit contains flexible rubber 5" backing disc, 7 assorted sanding discs, 6" lambs wool polishing bonnet. Shpg. wt., 1 lb.

HD-270Net 1.43



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-271Net .69 2 for 1.20



KNIFE SHARPENER DRILL ATTACHMENT

Practical-efficient-precision built knife sharpener. Attaches to any 1/4" or 3/8" drill. Puts a perfect edge on any knife. Sharpens both sides of blade at once. Uses top quality Norton Aluminum abrasive wheels. Oilite brass bearings never require lubricating. Nickel plated steel shaft. High impact polystyrene casing. Shpg. wt., 1 lb.

HD-272Net 2.69



5 PC. SCREW EXTRACTOR SET

- FOR 1/8" TO 3/4" SCREWS

Five piece, chrome vanadium, screw extractor set. Removes broken and mutilated screws—bolts—nuts, even 1/8" and 1/4" pipe. Simply drill damaged screw—twist extractor in—and back screw out. Set consists of 5 extractors in wooden case. Shpg. wt., 1 lb.

HD-273Net 1.59

NOTCHING AND NIBBLING TOOL

- TAKES STOCK UP TO 16 GAUGE

An ideal bench tool for large or small shops. Perfect for the advanced hobbyist and handyman. Cuts perfect—burr free—1" x 1" notches in stock up to 16 gauge. 1" x 3/4" nibbling die makes nibbling intricate shapes simple. Dies are easily interchanged.



HD-274 with 90° 1" x 1" Notch Die 12.75

HD-275 with 1" x 3/4" Nibbling Die 12.75

HD-276 Notch Die only 5.95

HD-277 Nibble Die only 5.95

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-232Net 15.95

20-PIECE TAP AND DIE SET

- ACCURATE METAL THREADING
- 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, 1/2-20, 5/16-18, 3/8-16, 7/16-14, and 1/2-13. Includes die stock and adjustable tap wrench. Entire set contained in a fitted metal case. Shpg. wt. 4 lbs.

HD-252Net 11.66

3 IN. BELT SANDER

- FOR WOOD—METAL—PLASTICS
- SANDS—DEBURRS—SHARPENS

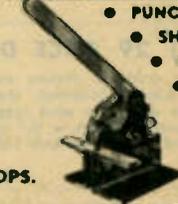


Belt driven, bench model, medium duty sander. Self lubricating "Oilite" bearings. Entire sanding surface adjustable through a 90° arc. Compound angles up to 45° x 45° can be worked. Table can be removed to accommodate any length work. Adaptable for right or left hand drive. Standard 3" x 24" belt size. Readily replaceable. Complete with motor, 1/2" x 3" x 7/8" steel platen, 2" machine pulley, 3" x 24" belt. Shpg. wt., 10 lbs.

HD-278Net 17.95

4 TOOLS IN 1

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", 5/32", 3/16", 7/32" and 1/4" 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-233Net 10.39

EXTRA PUNCH SETS

HD-234 Hex—3/16", 1/4" and 1/2"Net 1.45

HD-235 Square—3/8" and 3/16"Net .95

HD-236 Rectangular—1/2"x3/16" and 3/4"x5/16"Net .95

HD-237 Oval—3/8"x3/16" and 1/2"x5/16"Net .95

ELECTRIC HANDI-SPRAYER

Save time and money! 80 lb. nozzle pressure gives professional results. Sprays all types of paints, enamels and lacquers. Any sprayable liquid! Exclusive swivel nozzle permits spraying up, down, or sideways without tilting jar. Instant spray control—fingertip adjustment from mist to cone or straight stream! High Impact plastic housing—all parts of stainless steel and brass. Complete with 16 oz. Mason Jar and 8 ft. cord. Shpg. wt., 4 lbs.

HD-73Net, ea. 6.25

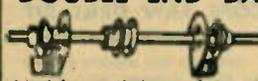
Lots of 3, ea. 5.97



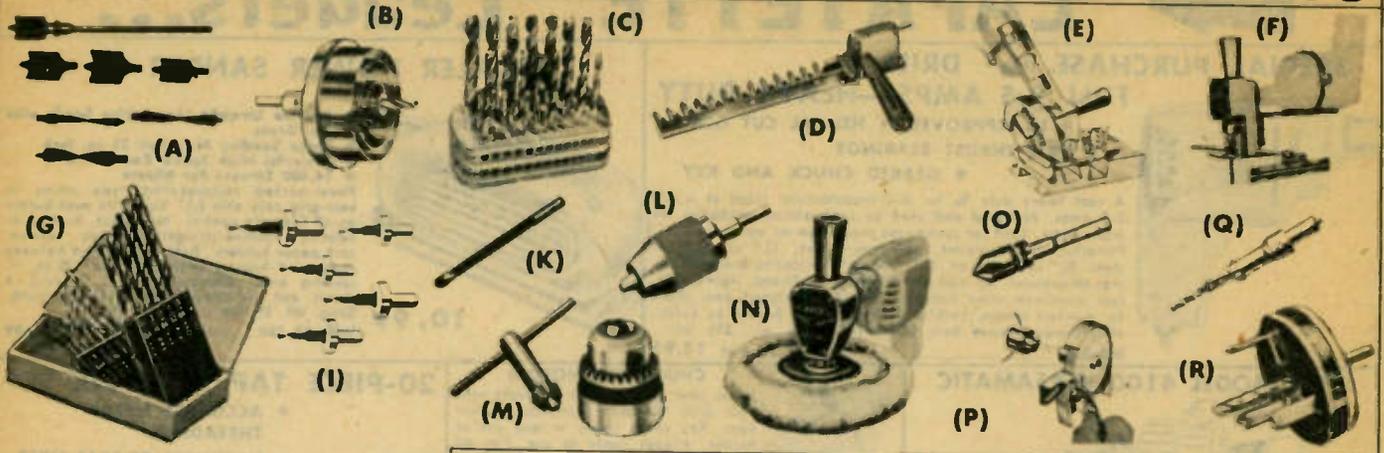
DOUBLE END BALL BEARING MANDREL

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-240Net 2.25



24 QUALITY ELECTRIC DRILL ATTACHMENTS



(A) 8 PC. POWER BORING SET

Designed for longer life, faster cutting, smoother boring in wood, plastics, plaster and pressed board. Blades of high grade hardened tool steel. Ground to size for smooth, true hole. Faster boring... no clogging... no burnings. Interchangeable cutters with a single shank. Requires less power because they develop minimum friction. Fit any 1/4" drill. Sizes include 1/4", 3/8", 1/2", 5/8", 3/4", 7/8" and 1". Shpg. wt., 1 lb.

HD-181.....Net 1.69

(B) HOLE SAW—4 SIZES

Cuts 1", 1 1/2", 2" and 2 1/2" holes in any 3/4" stock. Works with any 1/4" drill or drill press. Consists of strong alloy tool head, 4 shatterproof blades. "Slug-Ejector" and 1/4" drill bit. Shpg. wt., 1 1/2" lbs.

HD-224.....Net 4.50

DELUXE HOLE-SAW—Some as above but has 7 blades. Cuts 1", 1 1/4", 1 1/2", 1 3/4", 2", 2 1/4", and 2 1/2" holes.

HD-225.....Net 5.95

(C) 29 PIECE DRILL SET

A superior grade of chrome vanadium twist drills. Precision ground, hardened, sharpened. Give long lasting use under the most rugged conditions. Full range of sizes. 1/16th to 1/2" by 64ths. Convenient metal stand, each receptacle clearly marked. Shpg. wt., 4 lbs.

HD-214.....Net 6.89

(D) HEDGE TRIMMER ATTACHMENT

Converts any 1/4" drill into an easy handling hedge-trimmer. Steel and aluminum construction. Sickle-type 10" cutting blade. Simple cam action, 3/4" stroke. Lightweight... easy handling. Shpg. wt., 3 lbs.

HD-97.....Net 8.29

(E) ARCO SAW WITH DADO-ARBOR

• CUTS 2 x 4's IN ONE CUT

Revolutionary new "Arco-Saw" 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 9.75

HD-115—Safecut Blade.....1.50

HD-116—Mycarbon Crosscut Blade.....1.50

HD-117—Mycarbon Rip Blade.....1.50

HD-118—Mycarbon Combination Blade.....1.50

(F) ARCO JIG SAW

Cuts perfect circles any size up to 20" diameter; rips accurate widths any size up to 10" wide. An especially desirable home workshop tool because of its versatility. Does work of Jig, Keyhole, Coping, Rip, Crosscut, Band and Hacksaw! For intricate patterns, the Jig Saw is simply guided over the cutting line while the Automatic Air-Blower blows sawdust away from blade. Cuts plywood, plastics, wallboard, metals—even lumber up to 2 x 4's! Starts inside holes without boring. Has Right Angle Drive, strong Safety-Yoke and Worm Drive Clamp. Self-lubricating Lifetime Bearings. Blades are easily changed in seconds with ordinary screwdriver. Complete with Circle-Cutter & Rip Gage, Jig Saw Blade, instructions and 90-day Factory Guarantee. Shpg. wt., 4 lbs.

HD-196.....Net 8.25
Jigsaw—Less Circle Cutter and Rip Gage. Shpg. wt., 3 lbs.

HD-56.....Net 7.50

Replacement Blades—Package of 6 Asstd.

HD-57.....Net 1.46

(G) 13 PC. TWIST DRILL SET

Set of 13 high quality chrome vanadium twist drills. Sizes 1/16" to 1/4" by 64ths. Less index. Shpg. wt., 6 oz.

HD-114.....Net 98c

As above but complete with metal index. Shpg. wt., 8 oz.

HD-113.....Net 1.59

(H) IMPROVED CIRCLE CUTTER

Will cut holes from 1 1/2" to 8". Accommodates centering drill or any size pilot pin! Cutting bar holds 3/16" high speed cutting bit. All are Brand New and factory packed—easy to adjust. Shpg. wt., 1 lb.

HD-72.....Net 1.79

(I) 5 PC. DRILL-COUNTERSINK KIT

Does 4 operations in one! Countersinks for screws in wood or metal—Drills shank clearance hole—Drills accurate pilot hole—Drills to correct depth, prevents splitting. Do four complete operations in the time it takes to do one. Hole and countersink are always the proper size and depth. Fits all 1/4" chucks. Use in any electric drill—drill press—or hand drill. Kit of 5 contains one each 3/4" x #7, 1" x #8, 1 1/4" x #8, 1 1/4" x #10 and 1 1/2" x #12 Screw-Drills. Shpg. wt., 1/2 lb.

HD-93.....Net 2.32

(J) HACKSAW ATTACHMENT

Fits any 1/4" Electric Drill. Cuts any wood, metal or plastic up to 3/4". There are no gears or bearings to wear out! Saw blade is only exposed moving part. Folds to 1" x 1 1/2" x 4"—fits any tool box. Uses standard hacksaw blades. Handle covers and protects saw blade when not in use. Shpg. wt., 1 lb.

HD-60.....Net 3.72

(K) HI SPEED COPE SAW DRILL 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.

HD-74—All Purpose Bit.....Net 1.59

HD-75—Wood Bit.....Net 1.59

(L) 1/2" CHUCK FOR 1/4" DRILLS

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. Shpg. wt., 1 lb.

HD-203.....Net 1.29

(M) JACOBS TYPE DRILL CHUCK

Comparable to Jacobs 1B. Key type geared tooth chuck. Capacity 0-1/4", thread 3/8" x 24". 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 some chuck selling for twice as much! Shpg. wt., 1 lb.

HD-186.....Net 3.38

(N) ARCO ANGLE-BUFFER

Converts any 1/4" electric drill into powerful, smooth running right angle buffer and sander. Swivel action permits use at any angle on all types of surfaces. Flat—curved—or irregular shapes are easy to work. Large handle for added safety and ease of handling. Includes 5" molded head—5 1/2" lambs wool polisher—and sanding disc. Shpg. wt., 2 lbs.

HD-133.....Net 4.88

(O) 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 on 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".

HD-76.....Net 1.10

(P) DRILL MATE SHARPENER

Handy low cost drill sharpener—sharpens drills from 1/16" to 1/4" size. Use it also to sharpen chisels, knives, plane bits, scissors, wood bits, carving tools, etc. 1/4" shaft fits any electric drill. Nylon bearing—permanently lubricated. Drill holder is factory preset—no angle adjustments to make. Adjustable tool rest fits to any angle. Grinding wheel is high grade, fine grit, aluminum oxide stone. Shpg. wt., 3/4" lb.

HD-243.....Net 2.21

(Q) ADJUSTABLE COUNTERSINK-PILOT DRILL

Adjustable drill for hand and power tools. Pre-drills a precision hole—countersinks and counter bores in one simple operation. Stops automatically at correct depth. Fully adjustable thread depth, shank depth, countersink and counter bore. Use in any electric drill or hand drill. Cuts in wood—plastic—fibre. Shpg. wt., 8 oz.

HD-206—#6.....Net .74

HD-207—#8.....Net .74

HD-208—#10.....Net .74

HD-209—#12.....Net .74

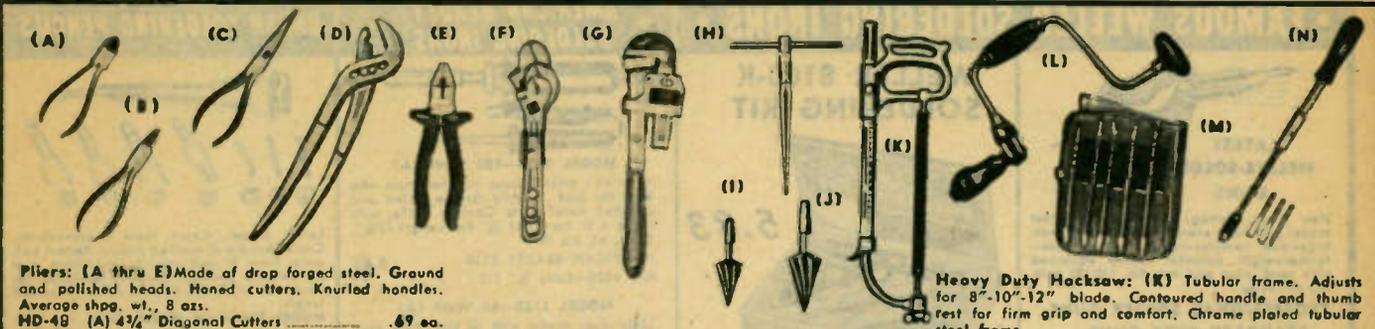
HD-210—Set of 3 #8, #10, #12.....Net 1.97

(R) ADJUSTABLE HOLE SAW

Fits any 1/4" electric drill or drill press. Drills any diameter hole from 1 1/8" to 2 1/2". Maximum depths of cut 1 1/2". Dial indicator sets hole size without removal from chuck. Blades of finest cutting steel. Shpg. wt., 1 1/2 lbs.

HD-257.....Net 5.29

LAFAYETTES LOW-COST HAND TOOLS



Pliers: (A thru E) Made of drop forged steel. Ground and polished heads. Honed cutters. Knurled handles. Average shpg. wt., 8 ozs.

HD-48 (A) 4 1/2" Diagonal Cutters	.69 ea.
HD-49 (A) 6 1/2" Diagonal Cutters	.89 ea.
HD-50 (B) 4 1/2" Stubby Side Cutters	.69 ea.
HD-51 (C) 8" Long Nose Side Cutters	.99 ea.
HD-52 (D) 8 1/2" Water Pump Type	.79 ea.
HD-53 — Complete Set of above Pliers	3.65
HD-54 (E) Rubber Insulated 6" Linesman Pliers	.99 ea.
HD-55 (E) Rubber Insulated 8" Linesman Pliers	1.28 ea.

Pipe Wrenches: (G) Drop forged steel. Hardened and polished jaws. Red enameled handles. Standard pattern.

HD-152 6" Shpg. wt., 1 lb.	.69
HD-153 8" Shpg. wt., 1 lb.	.83
HD-154 10" Shpg. wt., 2lbs.	1.08
HD-155 14" Shpg. wt., 3 1/2 lbs.	1.80
HD-156 Set of 4 Shpg. wt., 7 1/2 lbs.	3.99

Tool Steel Reamers: (H) (I) (J) Enlarges holes in metals, wood, plastics. Countersinks—removes burrs.

(H) 5 1/2" long, tapers 1/8" to 3/16"	.69
(I) Bit shank, tapers 1/8" to 1/4"	.69
(J) Bit shank, tapers 1/8" to 2 1/4"	1.59
HD-201 (I) Shpg. wt., 1/2 lb.	1.59
HD-202 (J) Shpg. wt., 2 lbs.	3.19

Heavy Duty Hacksaw: (K) Tubular frame. Adjusts for 8"-10"-12" blade. Contoured handle and thumb rest for firm grip and comfort. Chrome plated tubular steel frame.

HD-211 (K) Shpg. wt., 2 lbs.	Net 1.35
HD-212 10" Blade 24 teeth per in.	Doz. .59
HD-213 12" Blade 24 teeth per in.	Doz. .69

Ratchet Bit Brace (L) Reversible, semi-enclosed ratchet brace. Chrome plated 1/2 steel frame: 10 inch sweep. Hardwood center grip. Steel reinforced hardwood head. Ball bearings. Shpg. wt., 3 lbs.

HD-279	Net 2.25
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5 pc. Auger Bit Set (M) Tapered square shank. Fully polished, forged, heat treated steel. Sizes 1/4, 3/8, 1/2, 5/8, 3/4. Handy plastic pouch. Shpg. wt., 1 lb.

HD-280	Net 1.55
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Automatic Screwdriver (N) 3-way spiral ratchet. Spring return. Fully nickel plated. Rosewood handle. 3 screwdriver bits. 18" long. Shpg. wt., 1 1/2 lbs.

HD-281	Net 2.40
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Adjustable End Wrenches: (F) Drop forged steel. Hardened jaws—Polished noses.

HD-43 4 1/2" Shpg. wt., 4 oz.	.45 ea.
HD-44 6 1/4" Shpg. wt., 6 oz.	.51 ea.
HD-45 8" Shpg. wt., 10 oz.	.63 ea.
HD-193 10" Shpg. wt., 1 lb.	.95 ea.
HD-46 Set of 4 above Shpg. wt., 2 1/4 lbs.	2.25

6 PIECE MAGNETIC SCREW DRIVER SET

69c

Five interchangeable — hardened and tempered — tool steel blades; unbreakable, shockproof, chuck-type amber handle. Consists of: 1—4 x 1/2" blade, 1—4 x 1/4" blade, 1—6 1/4" blade, 1—4" #2 Phillips head, 1—4" #2 Phillips head, 1—amber handle with chuck. Shpg. Wt. 1 lb.

Stock No. HD-18. Complete with plastic case. 69c

VERNIER SLIDING CALIPER

95c

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.

HD-221 Net .95

HANDY WARDING FILE SET

6 INDIVIDUAL FILES
SPECIAL STEEL-DEEP CUT-HARDWOOD HANDLES

First quality German made file set. 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. HD-215 Net 1.05

7-PIECE SUPER NUT-DRIVER SET

Most popular socket sizes—polished, hardened steel detachable shafts. Plastic handle with precision clutch. Contains: 1—1/4" hex nut shaft, 1—5/16" hex nut shaft, 1—1/2" hex nut shaft, 1—3/4" hex nut shaft, 1—7/16" hex nut shaft, 1—amber handle with chuck. Shpg. Wt. 2 lbs.

Stock No. HD-14. 1.49

PRECISION SCREWDRIVER SET

Five interchangeable blades insert quickly and firmly into chuck. Blades are precision machined, hardened steel in sizes .100", .060", .070", .055" and .040". Handle has swivel tap. Perfect for repairing radios, appliances, cameras, electric razors, musical instruments, etc. Excellent for kite and model builders. Complete with base and transparent dust cover.

HD-42. NET 1.17

SWISS PATTERN 12 NEEDLE FILES

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.

HD-88 Net 1.95

10 PIECE NUT AND SCREW DRIVER SET

Fully polished, hardened, tempered, tool steel blades and hex-drivers are chrome plated for long life. Six nut drivers—3/16", 1/4", 5/16", 11/32", 3/8", 7/16". Three screw driver blades—4" #2, 3 1/4" #2, Phillips #2 #4, #4. Unbreakable, shockproof, non-inflammable amber handle with flanged chuck. Complete with heavy plastic roll up kit. Shpg. Wt. 1 lb.

HD-100. Net 1.59

"MAGIC TIP" SLUG RETRIEVER

New tuning slug retriever for Standard Coil tuners. Fits new wide slotted slugs. Fits deep seated tuning units. Retrieve last slugs without removing chassis. Holding mechanism is internal and fully automatic. Alloy blade, Teflon handle. Precision built to last.

HD-40. 11" overall. NET 1.68
HD-41. 15" overall. NET 2.24

5 PIECE COMBINATION WRENCH SET

2.18

New design patent combination box and open end wrench set. Forged of special analysis steel—streamlined jaws—thin walled 15 degree box end—expertly heat treated. Sizes from 7/16" to 1 1/16". Vело rust resistant finish. Shpg. Wt. 1 lb. HD-165. Net 2.18

7 PIECE JEWELERS SCREWDRIVER SET

1.49

Six different size screwdrivers packed in a hardwood collated box. Sizes are from No. 0 to No. 5.

All have swivel heads—are made of solid brass and are nickel plated. Hardened steel blades. For all fine assembly and repair—hobbyists—fisherman—hunters—home craftsman. Fitted hardwood box keeps drivers clean—helps prevent rust.

HD-168. Net 1.49

GRIPSO TRIGGERMATIC VISE PLIERS

Vise pliers lock on with one ton grip. Turnbuckle adjustment with concealed threads. Releases instantly with the touch of a finger. 3 tools in one: hand vise—nut wrench—pinch wrench—clamp—pliers. Shpg. wt. 1 1/2 lbs.

HD-238. Net 2.07

TRI-TAP TOOL

1.95

SERVICEMEN — CRAFTSMEN — MECHANICS
ONE TOOL TAPS THREE SIZE THREADS
6/32 — 8/32 — 10/32

Cleans — cuts — taps any of the three most common thread sizes used in electronic and electrical work. Three sizes on one tool — saves time — eliminates searching. Hardness is 59 to 60 Rockwell on scale C material. Shpg. wt., 1 lb.

HD-219 Net 1.95

GRIPSO MULTI-DUTY PLIERS

3 to 1 COMPOUND LEVERAGE
New 3-piece design multiplies hand power 10 times. 4-position parallel jaws give non-slip grip on nuts, bolts, pipes, pins, anything in hard-to-reach places. Won't chew corners of nuts.

HD-230—Shpg. wt. 1 1/2 lbs. Net 2.22

TAP, DRILL AND DIE SET

Useful set for handy man and model shop workers. Three 1" dia. dies (4-36, 6-32, 8-32) with die stock; three taps (4-36, 6-32, 8-32) and 3 matching tap drills for these taps. Tap holder and mahogany case. Shpg. Wt. 3 lbs.

HD-28. Net 4.26

4.26

SOLDERING IRONS

FAMOUS WELLER SOLDERING IRONS



LATEST WELLER-SOLDER GUNS

New High Wattage Guns—These latest model guns have everything! Increased wattage—dual spoolites—rugged plastic case—featherweight balance. Come equipped with cord, plug and one tip. 110-120 volts AC 60 cycles.

PROFESSIONAL SOLDER GUNS STANDARD DUTY GUNS

Model S-400. Single-heat type. 135 watts. Shpg. wt. 3 lbs. List \$12.15. NET **8.77**

Lots of 3, EACH 7.89

Model D-440. Dual-heat type. 100-150 watts. Shpg. wt. 3 lbs. List \$14.90. NET **10.73**

Lots of 3, EACH 9.65

HEAVY-DUTY GUNS

MODEL S-500. Single-heat type. 250 watts. Shpg. wt. 3 1/2 lbs. List \$13.50. NET **9.75**

Lots of 3, EACH 8.77

MODEL D-550. Dual-heat type. 200-275 watts. Shpg. wt. 3 1/2 lbs. List \$16.25. NET **11.71**

Lots of 3, EACH 10.53

REPLACEMENT TIPS

No. 7135. For light-duty models S-400 and D-440. PKG. OF 2. 25¢
No. 7250. For models WS-200, WD-250, S-500 and D-550. PKG. OF 2. 35¢
No. 7300. Chisel tip. For use only in older models S-107 and D-207. Not interchangeable with tips used in guns listed above. PKG. OF 2. 25¢

No. 6130—Cutting Tip. Cuts plastic tile quickly, removes hard putty. For models WS-200, WD-250, S-500, D-550, and 8250-A. 34¢

No. 6110—Cutting tip. For models WS-100, WD-135, S-400, D-440 and 8100. 34¢

No. 6140—Smoothing tip. For heat sealing and mending plastic. For models WS-200, WD-250, S-500, D-550 and 8250-A. 34¢

No. 6120—Smoothing tip. For models WS-100, WD-135, S-400, D-440 and 8100. 34¢

WELLER 8100-K SOLDERING KIT



5.83

A complete soldering set. Weller soldering gun delivers over 100 watts and heats in 5 seconds. Gun has trigger switch control and dual spotlights to illuminate work. Uses long life inexpensive replaceable tips. Kit also includes soldering aid to make tight wire twist and help open old soldered joints, and brush to insure clean connections. Shpg. wt. 4 lbs. WELLER 8100-K.....List 7.95.....Net **5.83**

"250 WATT" WELLER SOLDERING KIT



Here's everything you need for hundreds of homecraft and hobby jobs. Does all the many electrical soldering jobs around the home and shop—plus plenty of heat for sheet metal—pots—pans—cans—etc. Cut plastic tiles—repair plastic toys. Kit includes 250 watt instant heat—dual spotlite Weller gun—ample supply of Kester solder—soldering tip—smoothing tip—cutting tip—tip interchange wrench—two instruction booklets—sturdy metal case for convenient storage. Shpg. wt. 5 lbs. WELLER 8250-AK.....Net **10.99**

DRAKE DELUXE SOLDERING IRON 100 Watt



For general radio work. Quality nichrome wire on amber mica. Nickel plated, complete with 6 ft. cord, 3/8" tip and "Magic Cup" stand. DRAKE NO. 325.....EACH **3.82**

TIP FOR ABOVE.....EACH **.35**

DRAKE SPECIAL IRON—60 Watt



An excellent iron for light work. Element wound on porcelain tube. Complete with 6 ft. cord, 3/8" tip and small stand. DRAKE NO. 315.....EACH **1.47**

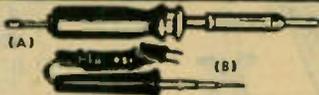
TIP FOR ABOVE.....EACH **.53**

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—safety paper—soldering instructions and data. Shpg. wt. 1 lb. MD-198.....Net **1.10**

AMERICAN BEAUTY SOLDERING 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 baffles, with stand, 6 ft. cord and 3/8" tip. Length 12 1/2". Shpg. wt. 2 1/4 lbs.

AMERICAN BEAUTY 3138.....**5.83**

No. 3728—Extra 1/4" TIP.....**.37**

MODEL 3128—60 Watt (A)

Light duty model with 1/4" tip. With cord and stand. Shpg. wt. 1 lb.

AMERICAN BEAUTY 3128.....**3.67**

No. 3738 Extra 1/4" TIP.....**.30**

AMERICAN BEAUTY FEATHERWEIGHT (B)

MODEL P-100 30 Watt

New 4 ounce pencil-type iron features quick interchange of 1/8", 3/16" and 3/8" tip-element combinations—hot or cold irons come with separate heat-insulating stand and 6 ft. cord. Your choice of 1/8", 3/16", or 3/8" chisel tip.

P-100—Complete Soldering Iron (Specify tip size).....Net **3.23**

TIP—ELEMENTS COMPLETE

P-380-C 3/8" chisel tip-element.....Net **1.71**

P-380-D 3/8" diamond tip-element.....Net **1.71**

TIP—INSERTS ONLY

P-418-C 1/8" chisel (Package of 6).....Net **54¢**

P-418-D 1/8" diamond (Package of 6).....Net **54¢**

P-416-C 3/16" chisel (Package of 6).....Net **64¢**

P-416-D 3/16" diamond (Package of 6).....Net **64¢**

LENK SOLDERING PENCIL



Model 251. Lightweight, rugged, 25 watt pencil type iron. 1/8" dia. tip perfect for tight wiring jobs. Ideal for production line use—designed for continuous duty applications. Nickel plated copper tip has high corrosion resistance. Miniature barrel of stainless steel and tiny tip permit access to "parts-packed" chassis. Total weight, including cord, only 4 oz. Element of silver nichrome and mica on a brass core. Use on 110-120 volts AC-DC. Shpg. wt. 8 oz. Lenk 251—25 watts.....Net **4.00**

Lenk 256—40 watts.....Net **4.00**

LENK LP TORCH



- INSTANT LIGHTING—INSTANT HEAT
- THROW-AWAY FUEL CONTAINER!
- SELF SEALING SAFETY VALVE!

An all purpose liquefied petroleum torch. Does regular soldering—sweat fittings—silver soldering—remove 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.

LENK 295 LP.....NET **2.02**

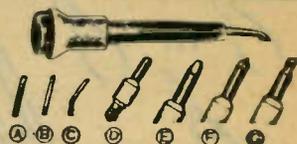
LENK 77 LP—SPECIAL! Two burners—needle point and blast! Complete with two tanks of fuel. No extras to buy! Shpg. wt. 3 lbs.

LENK 707 LP.....NET **3.40**

REPLACEMENT FUEL TANK—for all Lenk LP Torches. Shpg. wt., 1 lb.

LENK 77-I.....NET **.59**

UNGAR SOLDERING PENCILS



Latest model. Check these improvements. Cooler handle of molded plastic. Perfect balance. Form fit cork grip. Spring action lever for positive contact. Ceramic insulation for double safety. Extra-flexible cord. 7" overall length. MODEL 776. Cord, Handle Only.....ea. **1.10**

Lots of 10.....each **89¢**

REPLACEMENT TIPS

New "Elkroy Tiplets". Super versatility—greater economy! You no longer have to discard the heating unit—it can be used with tip after tip. Threaded "Tippets" screw into heating unit. Standard element and tip are 20 watts. *Extra heat—37.5 watts. Heat to 600° in 60 seconds.

Fig. Type Descrip. EA. 10, EA.

F 534 Pyramid } 98¢ 79¢

E 539 Chisel } 1.18 96¢

G 540 Molding } 1.18 96¢

F 1234* Pyramid } 1.18 96¢

E 1239* Chisel } 1.18 96¢

*"Tiplets" and Heating Units

B 331 Pencil } 16¢ 13¢

C 332 Offset } 16¢ 13¢

A 333 Chisel } 98¢ 79¢

D 535 Mt. Unit } 1.18 96¢

D 1235* Mt. Unit } 1.18 96¢

New 776 Handle and 534 Tip.....ea. **2.08**

Lots of 10.....ea. **1.68**

New 776 Handle and Mt. Heat

1236 Tip.....ea. **2.28**

Lots of 10.....ea. **1.85**

UNGAR SUPER HI-HEAT TIPS

850° and 1,000° tip temperature—only 47 1/2 watts! Especially engineered for Production and Heavy Duty. Machined from Tellurium Copper with special pure silver and iron plating.

Fig. Type Descrip. Ea. 10, Ea.

E 4033 Chisel 2.35 1.91

D 4035 Heat Unit 2.35 1.91

F 4036 Pyramid 2.35 1.91

E 4039 Heavy Chisel 2.35 1.91



UNGAR ELECTRIC PENCIL AND SOLDERING SET

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.

MODEL 217.....EACH **2.06**

SOLDERING KIT UNGAR

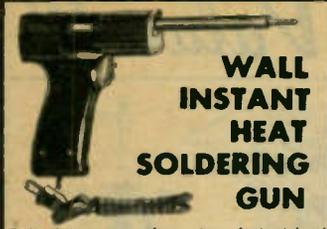


- HEAVY DUTY
- PRECISION
- ELECTRICAL

Latest, handiest, multi-purpose soldering kit in the famous Ungar line. A complete set for servicemen, workshop, hobbyist, home handyman—anyone who needs a soldering iron. Kit contains an extra heavy duty soldering unit for radio, TV or electrical appliance work. A precision unit for printed circuits, instruments and miniature parts. A circuit tester for electrical trouble shooting, trouble and test light, heavy duty handle for soldering units and test light, roll of solder, terminal connectors, emery paper and insulating tape. Soldering units are UL approved. Shpg. wt. 2 lbs.

MODEL 507—In lots of 6, each.....**3.99**

Singly, each.....**4.49**



WALL INSTANT HEAT SOLDERING GUN

TRIG-R-Heat, transformerless, instant heat soldering gun. Thermostatic action — without thermostatic Wattage automatically regulated. Extremely light — only 8 oz. 1/4" pretinned tip. Maximum watts 150 — minimum watts 75. 9 inches long; 6 ft. UL approved cord end plug. Shpg. wt., 1 1/2 lbs.

238-T without light.....Net 4.87
238-LT with light.....Net 5.25
Replacement tip and element unit.....Net 2.96

WALL PENCIL TYPE IRONS

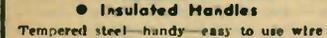


EXCLUSIVE THERMOSTATIC BRAIN

Built to take "production-line punishment". Quick heating—thermostatic action prevents tip burning. Draws heavy current to heat — drops to idle current when taken from work. 187 has wattage range of 90 to 25. Weights only 1 oz. 14T has range of 125 to 40 watts, weights only 1 1/2 oz. Shpg. wt., 8 oz.

18-T.....1/2" tip.....Net 4.17
14-T.....1/4" tip.....Net 4.83
Replacement tip for 18-T.....Net .27
Replacement tip for 14-T.....Net .34

WIRE STRIPPER-CUTTER



Tempered steel—handy—easy to use wire stripper. Pawl cam 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.

HD-264.....Net .86

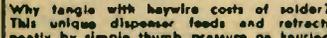
SPYRALINE SOLDER DISPENSER



60% TIN — 40% LEAD
11 ft. of high quality, 1/16" 60/40 activated resin 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 unoxidized. Reaches into "hard-to-get-at" joints. Shpg. wt., 1/2 lb.

HD-228.....Special, Pkg. of 3, 1.32
Singly, Each......49

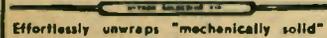
HYTRON SOLDER DISPENSER



Why tangle with haywire costs of solder? This unique dispenser feeds and retracts neatly by simple thumb pressure on knurled control wheel. No waste. Holds 77" solder. Shpg. wt., 1/2 lb.

HD-123.....Net 98c
Solder refill for above.....Net 49c
HD-124.....Net 49c

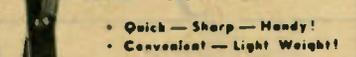
HYTRON SOLDERING AID



Effortlessly unwraps "mechanically solid" joints. Reams solder from lug holes. Has handle with straight reamer tip.

HD-36.....Net .55
Same as above with angled reamer tip.....Net .55
HD-177.....Net .55

K. MILLER WIRE STRIPPER AND CUTTER



Quick — Sharp — Handy!
Convenient — Light Weight!
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. Shpg. wt. 4 ozs.

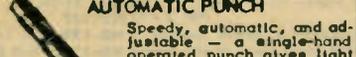
HD-188 NET.....73c

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. Shpg. wt. 4 ozs.

HD-189 NET.....1.17

AUTOMATIC PUNCH



Speedy, automatic, and adjustable — a single-hand operated punch gives light or heavy impressions with just the turn of a screw. Center punch has replaceable points. 1/4" x 5".

HD-171.....Net 1.98

NEW JIFFY TOOL RACK



HOLDS UP TO 20 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! Shpg. Wt. 5 ozs.

HD-187.....In lots of 8, each, 47c

WHITE-FACE STEEL TAPE

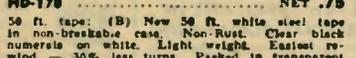


Dealing 6 ft. white blade with easy-to-read black markings. Unbreakable die-cast case with bright-plated finish. Case is squared to permit inside and outside readings. Blade is 1/4" wide best spring steel. Baked white enamel finish. Most popular tape with servicemen, mechanics, carpenters, workshops, etc. A \$1.50 List Value!

HD-79, A.....NET .45
10 ft. tape: (A) Similar to above but 10 foot long — for that added convenience when extra length is needed.....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 to wind — 50% less turns. Packed in transparent plastic case. Compare this value! Shpg. wt. 1 lb.

HD-177.....NET 2.45

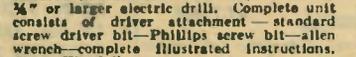
POWER SCREW DRIVER ATTACHMENT



RUN SCREWS AND BOLTS WITH 1/4" DRILL!
Will drive wood screws—machine screws—bolts—sheet metal screws—etc. up to and including 1/2" diameter. Pre-lubricated. Encased in solid aluminum body. Fits any 1/4" or larger electric drill. Complete unit consists of driver attachment — standard screw driver bit—Phillips screw bit—allen wrench—complete illustrated instructions. Shpg. Wt. 1 lb.

HD-138.....Net 5.25
HD-172 Light Duty Model Net 3.75

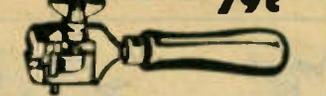
ADJUSTABLE HACK SAW



Complete with 8-inch blade. Accommodates 8" to 12" blades. Blade can be faced in four directions. Easy-grip composition handle, nickel-plated, a t.o.c.

HD 170.....Net .69
HD-212 10" Blade, 24 teeth per in. Doz. .59
HD-213 12" Blade, 24 teeth per in. Doz. .69

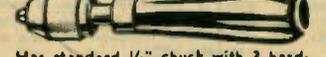
Hand Vise 79c



The only practical way to grip and hold small parts and pieces. 1 1/4" die cast jaws open to 1/2". Mounted on a 4" comfortable, ferruled wooden handle. Holds work for drilling, marking, filing, sawing, etc. Endless uses in shop and handiwork. Shpg. Wt. 1 lb.

HD-96.....Net 79c

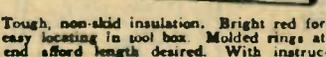
Pin Vise



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.

HD-95.....Net 65c

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.

HD-125.....Per Pair—Net 31c

6 PIECE SCREWDRIVER SET



The six most often needed screwdrivers in one set. Electronically hardened and tempered alloy tool steel blades. Shock-proof, unbreakable amber plastic handles. Includes stubby, cabinet, Phillips and mechanics types. Shpg. wt., 2 lbs.

HD-229.....Net .83

PLI-RENCH 1.46



Super power locking combination pliers, wrench, clamp and vise. Exclusive floating, self-aligning jaw. Grips objects of any shape with full length of both jaws. Easy to use—rugged—powerful tool. Exerts over 1,000 lbs. of pressure. Heat treated, drop forged jaws. Machine milled teeth. Unlimited uses as pipe wrench—locking and adjustable wrench—clamp—vise—press—super pliers—etc. Length 10". Shpg. wt., 1 lb.

HD-125.....Net 1.46

UNIVERSAL DRILL PRESS



Converts Elec. Hand Drill To Drill Press

Here is a handy accessory item which acts as a drill stand and converts any 1/4" electric hand-drill into a drill press. Maximum length of travel is 2 1/4". Overall height is 16 1/2". Sturdily constructed. Powerful spring holds drill in place when not in use. Shpg. Wt. 9 lbs.

HD-126.....Net 8.19

FLEXIBLE PICKUP TOOL



Useful flexible pickup tool. Retractable spring steel jaws. Retrieves nuts—both—small objects from "hard to reach" places. Handy for starting nuts and screws. Dozens of uses in every shop—garage—house. 14" long. Shpg. wt., 6 oz.

HD-230.....Net .94
HD-231.....24" long.....Net 1.13

TOOL POUCH



Clear vinyl plastic tool pouch with snap closure 9" x 6" size — to hold those few most used tools. Protects pockets — protects tools. Shpg. wt., 8 oz.

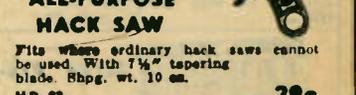
HD-189.....In lots of 10, Ea. .39
Singly, Each .44

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. 17" blade. Shpg. Wt. 1 lb. HD-92 Net 97c

ALL-PURPOSE HACK SAW



Fits where ordinary hack saws cannot be used. With 7/16" tapering blade. Shpg. wt. 10 oz.

HD-63.....29c
HD-64—Extra blade.....13c

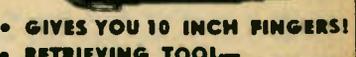
SPINETTE SOCKET WRENCH & SCREW DRIVER SET



A handy tool at a dandy price! Consists of five sockets, sizes 1/4", 5/16", 11/32", 3/8" and 7/16". All strung on a hexagon shaft which ends in a 1/4" screw driver. Has shock proof transparent plastic handle. Shaft and sockets are bright finished. Worth twice our low price.

HD-81.....Net .75 ea.

POCKET "PENCIL" MAGNET



GIVES YOU 10 INCH FINGERS!
RETRIEVING TOOL—NAIL STARTER!

Powerful Alnico magnet contained in pen type body with pocket clip. Flexible extension increases overall length to 8 1/2". Removes chips from blind holes — picks up nuts, screws, washers — separate small aluminum, brass and steel parts — holds small parts for assembly or soldering — holds small nails to prevent mangled fingers. Carry in pocket just like a pencil! Hundreds of uses in shop or home.

HD-184.....NET each .39

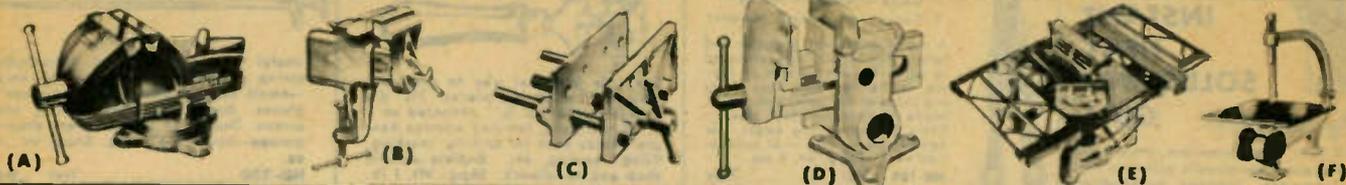
Lenk NO-RUST



A positive rust preventative and natural lubricant. Lubricates — penetrates — preserves — prevents rust — reaches inaccessible spots. Preserves finishes and reduces wear in one operation. Use on tools—guns—tools—chrome trim—locks—motors, etc. Use No-Rust in shops—homes—farms—factories—boats. Shpg. Wt. 1 lb.

HD-94.....Net 1.00

... LAFAYETTES *Leading Tool Values!!!*



SHOP KING SWIVEL BASE (A): 3 1/2" wide, serrated, hardened steel tap 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 tap jaws—pipe jaws and cut-off tool. Flange mount bolts to bench. Shpg. Wt. 18 lbs.
HD-106 Net 8.17

CLAMP-ON BENCH VISE (B): Sturdy, practical and efficiently constructed. 2 1/2" wide jaws—open to a maximum 2 1/2". 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. 3 1/2 lbs.
HD-107 Net 2.25

• 6 1/2" x 3 1/2" JAWS! • OPENS TO 4 1/2"!
WOODWORKERS VISE (C): A fine, practical tool for the small shop—home—farm or garage. Ruggedly built—will not loosen or slip. Guides are of finely machined, cold rolled steel. Gray iron jaws—face ground and finished. 1/8" diameter screw—6 thread per inch. Saves time and labor—indispensable to the woodworker. Perfectly balanced—designed for hard use. Shpg. Wt. 6 lbs.
HD-182 Net 2.79

VERSA-VISE (D): 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—3 1/2" x 2 1/2"—plus removable pipe jaws. Jaws open 5". Almost as useful as an extra arm for the craftsman—carpenter—hobbyist—welder—etc.
HD-282 Shpg. Wt., 17 lbs. Net 10.49
Right Angle Adapter: Adds belt adjustment for holding work at any angle. Shpg. Wt., 2 1/2 lbs.
HD-283 Net 2.18

8" TILT ARBOR SAW (E): Fast, accurate, versatile performance. Blade tilts to 45°. Table and work remain level. Takes any bench saw attachment. Crosscuts, rip, bevels, mitres. Steel safety guard. Self-aligning rip fence. Accurate tilt scale. Removable dado-plate. Self-lubricating bearings. Cuts up to 2 1/2". Precision built of cast iron. Table size 11" x 14". Extensions 6" x 14" (not included). Shpg. Wt., 35 lbs.
HD-127 Net 21.00
HD-128 6" x 14" Extension Net. each 2.95
HD-129 V Belt & Pulley Net 1.49

JIG AND SABER SAW (F): Standard duty jig saw for shop and handyman. Throat depth 12". Table 8 1/2" x 8 1/2". Stroke is 9/16". Uses 6" or 6 1/2" blade up to 3/16" wide. Self lubricating bronze brushings. 16" height x 17 1/2" long overall. 3" pulley. Shpg. Wt., 14 lbs.
HD-67 Net 9.35
 Self lubricating bronze bushings. 16" height x 17 1/2".

VIS-A-PART CLIPS AND JARS • LATEST PERFO-BOARD PICTURE! • MOST CONVENIENT STORAGE!
 Famous Vis-A-Part Marble Clips—with holes pre-spaced for mounting on punched board. Adapts baby food jars to hold hardware—small parts—drills—pins—nails—buttons—fish hooks—spices—anything, anywhere! Screw on caps eliminated! Permits visible inventory. Costs less than drawer or bin storage units. Protects from dust and dirt.
HD-190 Set of 2 Net .18
 Jars for use with Vis-A-Part Clips.
HD-191 Net each .06

NEW VIS-A-PART BOARDS
 • STORE SMALL PARTS—EASILY—SAFELY—NEATLY—INEXPENSIVELY!
 Eliminates screw on caps! Makes use of convenient wall space. Saves floor and drawer space. Ends time wasting searching through drawers and bins. One glance locates the part you need. Jars slide securely into metal holders. Inserted or removed with one simple motion. Wood grain Marlite board holds up to 24 jars. Holders are firmly riveted to back-board. Pre-punched for hanging on any wall. Keeps small parts within plain sight and easy reach. Indispensable for screws, nuts, nails, parts, seeds, spices, etc. Hundreds of uses in shop, home or garage! Complete with jars.
HD-166 24 jars 18"x18" Board. Shpg. Wt. 9 lbs. 3.63
HD-167 12 jars 18"x18 3/4" Board. Shpg. Wt. 5 lbs. 1.97
HD-168 6 jars 18"x5" Board. Shpg. Wt. 2 1/2 lbs. 1.05

11 PIECE RATCHET SOCKET SET
 Eight sockets 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8" and 7/16". Flexible shaft drive for those hard to reach spots. Flat, reversible ratchet drive. 3 1/2" extension bar. Unbreakable, amber plastic handle. Shpg. Wt., 1 lb.
HD-119 Net 1.59

G.C. SERVICE TWEEZERS
 Made of polished nickel-plated spring steel. Handy in shop or laboratory for starting nuts and screws, holding wires, clamping cemented items, installing dial cards, etc.
HD-83—Self-Closing Type, 6 1/2" long, with blunt points62
HD-84—Heavy-Duty Type, 6 1/2" long, with slide clamp and blunt points77
HD-85—Precision Type, 4 1/2" L. painted35
HD-86—All 3 above in leatherette case. 2.11

DEVIL-LEVEL
 • MEASURES PITCH IN DEGREES.
 • MEASURES INCH RISE PER FOOT.
 • FLOATING POINTER FOR HAIRLINE ACCURACY.
 The first new leveling device in over one hundred years. 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. Levels any job—large or small. Shpg. Wt., 4 ozs.
HD-185 Net 1.37

PRECISION LUBRICANTS
 • EVERY LUBRICATION NEED IN ONE KIT!
 • 3 SPECIALLY COMPOUNDED LUBRICANTS
 • EACH LUBRICANT IN SPECIAL PUFFER GUN
 Three top-quality lubricants in one convenient package. One tube of fine, dry powdered graphitic lubricant, entirely free of abrasives. Oil-free, greaseless, does not stain and is unaffected by heat or cold. Effective lubricant for metal, wood, rubber, leather, and plastics. One tube of all-purpose oil for home owners, sportsmen, hobbyists, industry. Will not gum. Maximum penetrating qualities, rust inhibited. One tube of liquid graphitic lubricant. Long lasting, weatherproof, outdoor lubricant. All in attractive lucite case. Shpg. wt. 1/2 lb.
HD-253 Net .67
HD-254 Dry Lubricant, Net, ea. .18 3 or More ea. .15
HD-255 All Purpose Oil Net, ea. .18 3 or More ea. .15
HD-256 Liquid Graphite Net, ea. .39 3 or More ea. .34

GRIPSO GEAR LOCK PLIERS
 • POWER ACTION
 Most powerful-practical plier ever made. Won't slip under any load. Geared for greater leverage in each position. Positive grip on round or flat surfaces. Snips 10 penny nail with ease. Opens parallel to 1 1/2". Length 9 1/2". High quality alloy steel—chrome plated. Shpg. Wt., 1 lb.
HD-284 Net 2.25

MAGNIFICATOR
 • WALL STUD LOCATOR
 Hang shelves, cabinets, baffles, pictures, mirrors, etc. to wall area backed by stud. Magnificator locates nails or other metal within 3/8" of indicator. Points out nails in studs to pin point best hanging area. Shpg. wt., 4 ozs.
HD-285 Net. ea., .69
 Net ea. in lots of 3, .59

PLASTIC ELECTRICAL TAPE
 • 2—30 FT. ROLLS FOR 69¢!
 Guaranteed first quality. Resist effects of acid—water—alkali and abrasion. Hi-dielectric strength. Use to wrap tool handles for insulation and comfort. 3/4" wide.
HD-216 2 Rolls for 69¢

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—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.
HD-218 Set of 3—Net .79 Singly, Each .29

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.
Lenk 72 Net 1.28

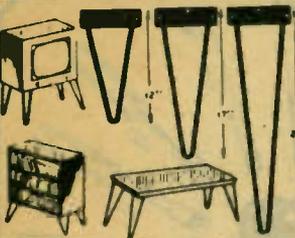
INSL-X TOOL DIP
 Extremely high dielectric strength for maximum protection. No more tedious taping of tool handles. Just dip and let dry—resists acid, alkali, water and oil. Bright red color locates your insulated tool at a glance. Also recommended for use on Radio & TV parts. 6 oz. can.
MS-5D Net 79¢

PIN-UP WORKSHOP UNIT
 • THE MOST CONVENIENT TOOL STORAGE!
 • 12 SQ. FEET OF STORAGE SPACE!
 • SET UP IN SHOP—GARAGE—HOME!
5.87

One handy package provides approximately 12 square feet of storage space. Four squares of tempered perforated hard-board for complete flexibility of design in hanging. 62 special fixtures plus small parts—jars—shelf brackets—screwdriver holder—exclusively designed for holding the largest variety of tools. Mounts easily on any flat surface. Pre-coated hardboard is 1/8" thick—may be painted to suit. Unique self-locking fixtures can't "give" or twist out. Supplied complete with fixtures—mounting screws—spacers—and instructions. Shpg. wt., 15 lbs.
HD-220 Net 5.87

POPULAR LOW COST ACCESSORIES

WROUGHT IRON BLACK HAIRPIN LEGS



• Set of 4 as low as 2.25

Do it yourself. With these smartly styled "hairpin" legs you can build modern benches, bookcases, tables, etc.—or mount them on your present TV set or other furniture. Sturdily constructed of $\frac{3}{8}$ " rod with welded steel top already drilled for insertion of screws.

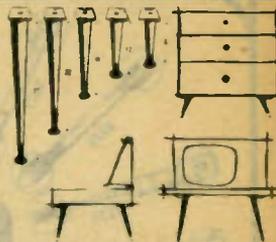
- ML-53 6" high Shpg. Wt. $3\frac{1}{2}$ lbs. Set of 4 . 2.25
- ML-54 12" high Shpg. Wt. 5 lbs. Set of 4 . 2.49
- ML-55 17" high Shpg. Wt. $6\frac{1}{2}$ lbs. Set of 4 . 2.89
- ML-56 24" high Shpg. Wt. 8 lbs. Set of 4 . 3.59
- ML-57 29" high Shpg. Wt. $9\frac{1}{2}$ lbs. Set of 4 . 3.89

TUBULAR TAPERED BRASS FINISH LEGS

- EASILY ATTACHED
- FINE SATIN FINISH

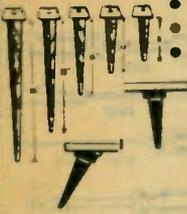
Give a contemporary look to TV sets, radios, record players, tables, chairs, bookcases, chests, etc. New heavy duty bracket for straight or flared style. All steel rust-resistant legs with lacquered sotin brass electroplate finish. Automatic self leveling, self locking glide.

- ML-87—6" high—Shpg. wt. $2\frac{3}{4}$ lbs.Net 5.85
- ML-88—11" high—Shpg. wt. 4 lbs.Net 6.75
- ML-89—16" high—Shpg. wt. $5\frac{1}{2}$ lbs.Net 7.65
- ML-90—22" high—Shpg. wt. $6\frac{1}{2}$ lbs.Net 8.10
- ML-91—29" high—Shpg. wt. 8 $\frac{1}{2}$ lbs.Net 9.90



ADJUSTABLE HARDWOOD LEGS

- TABLES — BENCHES — DESKS
- STRAIGHT OR FLARED STYLE
- EASY TO ATTACH



Made of genuine hardwood, $1\frac{1}{2}$ " in diameter at the top, graceful taper. Each leg has a brushed brass ferrule at the tip. Sanded, ready to finish. Adjust to straight or flared style after attaching platform! Makes any TV set a console! Build your own hi-fi cabinet! Set of four legs — complete with hardware.

- ML-96 3 $\frac{1}{2}$ " high shpg. wt., 1 $\frac{1}{2}$ lbs. 2.55
- ML-76 6" high shpg. wt., 1 $\frac{3}{4}$ lbs. 2.70
- ML-99 9" high shpg. wt., 2 $\frac{1}{2}$ lbs. 3.00
- ML-77 12" high shpg. wt., 2 $\frac{1}{2}$ lbs. 3.15
- ML-102 14" high shpg. wt., 3 $\frac{1}{4}$ lbs. 3.45
- ML-78 16" high shpg. wt., 3 $\frac{1}{4}$ lbs. 3.60
- ML-103 18" high shpg. wt., 4 lbs. 4.05
- ML-79 22" high shpg. wt., 4 $\frac{1}{2}$ lbs. 4.50
- ML-80 28" high shpg. wt., 4 $\frac{1}{2}$ lbs. 5.40

"DO-IT-YOURSELF" SHELF SPACERS

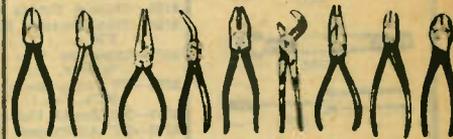


- SIMPLE TO BUILD WITH
- BEAUTIFULLY DESIGNED
- NO SAWING, HAMMERING, OR FANCY TOOLS NEEDED

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 $1\frac{1}{2}$ " 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 .54 ea.
- ML-93—14" spacer—Wt. 8 oz.Net .75 ea.
- ML-94 cap —Wt. 1 oz.Net .09 ea.
- ML-95 4" leg —Wt. 3 oz.Net .18 ea.

KRAEUTER "INDUSTRIAL" PLIERS



• ALL WITH HEAVILY INSULATED HANDLES
Fine quality—hammer-forged from high grade tool steel. Individually fitted, tempered and adjusted. Fully polished heads. Rust-resistant blue tempered handles.

TYPE	FIG.	DESCRIPTION	NET
4501-5CG	A	5" Diagonal Cutters	2.21
4501-6CG	A	6" Diagonal Cutters	2.50
5601CG	B	5" Needle Point Diagonals	2.67
1661CG	C	6" Long Nose Side Cutter	2.50
1631CG	D	5 $\frac{1}{2}$ " Curved Long Nose	2.50
1830CG	E	6 $\frac{1}{2}$ " Side Cutters	2.29
710 CG	F	10" Joint Pliers	2.37
1663CG	G	6" End Cutters	2.58
2612CG	H	6 $\frac{1}{2}$ " Wire Stripper Diag.	2.83
4610CG	I	7" Heavy Duty Diag.	2.50

SPECIAL NEST OF SAWS



A "natural" for repairmen, mechanics, craftsmen, hobbyists, home owners—even housewives! Pistol grip handle gives excellent control. Three blades supplied! One medium and one fine metal cutting and one woodcutting. Cuts cast iron, nails, bolts, sheet metal, pipe, plaster board, BX, conduit, hard and soft woods, aluminum, brass, lead, plastic, frozen foods, etc. Handle and three blades. HD-47.....NET 69c

TORPEDO AND LINE LEVEL SET



Nine way aluminum torpedo level with chrome plated top. Has three level vials: horizontal, vertical, plumb, and 40°. Precisely machined base. Rust proof—can't warp. Line level is hex shaped for use as surface level; aluminum for than $\frac{1}{2}$ oz. 2 hooks hold level securely on line. Shpg. wt. 1 lb. HD-241—Set of 2 levels.....Net 1.49

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 $\frac{5}{16}$ " through $\frac{3}{4}$ ". 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. HD-242.....Net 1.49

HYDRAULIC PUMP OILER

• PERFECT OILER FOR 1001 USES
LIGHTWEIGHT—HANDY—TRANSLUCENT TENITE



A new shop-home-office accessory. Gives fine, pressurized stream that lubricates hard to get at places. Seamless construction of durable tenite. Finger tip plunger. Holds 4 oz. of oil. Lubricates all types of machinery—hand and power tools—appliances—fixtures—tools—conveyances. Removable base for easy filling. Drip proof—leak proof design. Outmodes the old fashioned oil can. Shpg. wt., $\frac{1}{2}$ lb. HD-265.....Net ea., .89
Lot of 3 ea., .75

AUTOMATIC PUSH DRILL



For boring small holes in hard or soft wood and soft metals. Quick changing, positive grip chuck design. Five fluted drills stored in hollow handle. Drill sizes: $\frac{5}{64}$ ", $\frac{3}{32}$ ", $\frac{1}{8}$ ", $\frac{5}{32}$ " and $\frac{3}{16}$ ". Quick return spring action. Shpg. wt. 1 lb. HD-244.....Net 1.80

RATCHET OFFSET SCREWDRIVERS



Handy, pocket-sized offset screwdrivers with built in ratchet. The perfect answer to those "knuckle busting" hard-to-reach places. Drivers are $4\frac{1}{4}$ " long, with either $\frac{1}{4}$ " and $\frac{5}{16}$ " regular blade or #1 and #2 Phillips type blades. Bright plated finish—positive ratchet action.

- HD-245—Regular blades.....Net .59
- HD-246—Phillips Type.....Net .59
- HD-247—Set of two.....Net 1.05

ROLL-A-BALL CASTERS



- PRECISION MADE STEEL BALLS
- EASY TO INSTALL!

The simplest and quietest drive-on-caster made. No tools or measurements needed. Simply tap into place. Extra heavy gauge steel. Nickel plated finish. Hundreds of uses in shop or home. On chairs—desks—tables—benches—benches—drawers—bins—swivel tops—racks—anything you want to move and move easily! Quick—sure—permanent installation. HD-183.....Set of 4 NET .38

5 PIECE OPEN END WRENCH SET



Streamlined panel bar wrench set. The best designed carbon steel wrench on the market. Ten different openings $\frac{5}{16}$ " to $\frac{3}{4}$ " embossed in wrench. Velco rust resistant finish. With hinged container. Shpg. Wt. 1 lb. HD-162.....Net 98c

GREENLEE CHASSIS PUNCHES



Cut holes in metals up to $\frac{1}{8}$ " thick with the turn of an ordinary wrench. No sawing, reaming or filing.

Type	Size	Size	Size	Size	Size	Size	Size	Size	Size
730	Round holes	Shpg. wt.	1-1/2 lbs.	each.					
1/2"	2.16	7/8"	2.16	1-1/8"	2.47	1-1/4"	2.47		
5/8"	2.16	1"	2.34	1-5/32"	2.47	1-3/8"	2.83		
3/4"	2.16	1-1/16"	2.47	1-3/16"	2.47	1-1/2"	3.19		
						2-1/4"	6.11		

Type 732, for Keyed Sockets. Shpg. wt. 1-1/2 lbs. ea.
Size Ea. Size Ea. Size Ea. Size Ea. Size Ea.
15/16 3.73 1-11/64 4.00 1-17/64 4.27 1-21/64 4.50
15/32 4.14 for taggle switches

Type	Size	Size	Size	Size	Size
731, Square holes	Shpg. wt.	2 lbs.			
5/8"	3.33	3/4"	3.87	1"	4.50

- R3—Replacement screw for 1/2" and 5/8" punches.....Net .27
- KR3—Replacement screw for 3/4" and 7/8" punches.....Net .27
- R13—Replacement screw for 1" to 1-1/2" punches.....Net .27

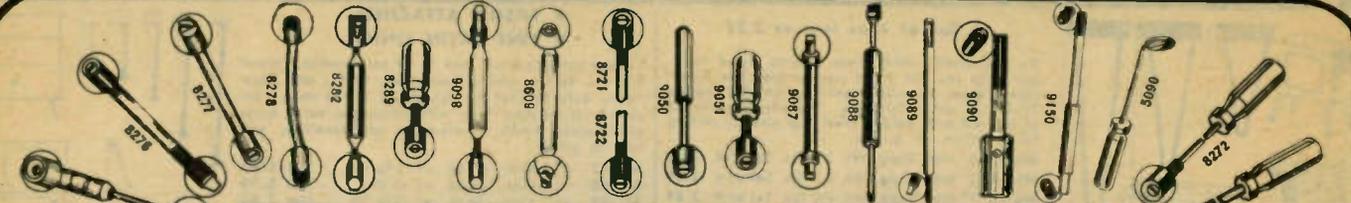
AMP SHEARITE STRIPPER AND CUTTER



3.95

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 threads: sizes 10-24, 10-32, 8-32, 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. HD-66.....3.95

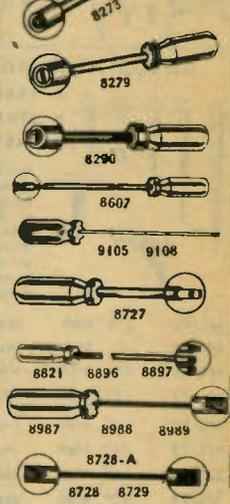
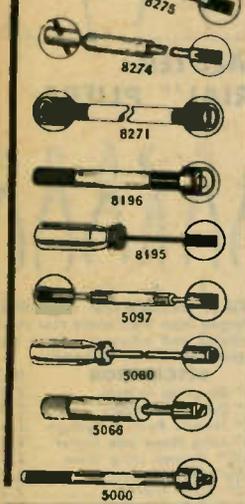
Lafayette BARGAINS FOR SERVICEMEN



G.C. T.V. ALIGNMENT AND SERVICE TOOLS

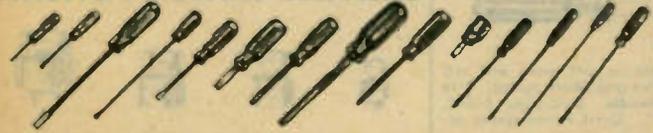
G.C. MD.	DESCRIPTION	PRICE
5000	Alignment Screwdriver—General Purpose	.27
5066	Short Alignment Screwdriver	.33
5080	Aligning Wrench with 1/4" Socket	.51
5097	K-Tran Aligning Tool	.51
8195	Channel Tuning Screwdriver with 1/8" blade	.54
8196	Short Recessed Blade Aligning Tool for TV & FM	.36
8271	Television Core Aligner (Motorola, Stewart-Warner, etc.)	.54
8274	TV Long-Reach Aligner (Admiral, Zenith, RCA, etc.)	.72
8275	TV Zenith Universal Aligner	.48
8276	TV All-Purpose Duplex Aligner	.48
8277	TV "Shorty" All-Purpose Duplex Aligner	.48
8278	TV Tuning Wand	.33
8282	Zenith TV Wrench & Aligner	.42
8289	"Shorty" TV Alignment Screwdriver	.33
8506	Zenith Nylon Hex Wrench	.33
8509	Alignment Tool for G-E, etc.	.60
8721	TV 2-in-1 9" Long-Reach Duplex Aligner #4 and #6 Studs	.75
8722	TV 2-in-1 7" Duplex Aligner #4 and #6 Studs	.63
9050	Zenith-RCA Aligning Tool	.18
9051	Zenith-RCA Aligning Tool with handle	.45
9087	Slug Tuner Adjusting Tool	.60
9088	Soldering Aid Tool	.99

G.C. NO.	DESCRIPTION	PRICE
9089	Westinghouse Tool	.54
9090	Shorty Tool	.42
9150	New RCA Alignment Tool	.99
5090	Inspection Mirror	.33
8272	TV I.F. Oscillator Tool (RCA, G-E, Philco, Admiral, etc.)	.72
8273	TV All-Purpose Aligner, recessed blade	.66
8279	TV Core Aligner	.66
8290	Universal Screwdriver Aligner	.60
8607	Nylon TV Long-Reach Aligner	1.08
9105	6" Non-Magnetic Beryllium Aligning Screwdriver 1/4"	.75
9108	6" Non-Magnetic Beryllium Aligning Screwdriver 1/4"	1.65
8727	K-Tran Television Aligner	.51
8821	Long Arm TV Tool (18" screwdriver blade)	.90
8896	Long Arm TV Tool (18" recessed blade)	.90
8897	Long Arm TV Tool (18" Stud Core Aligner)	.90
8987	X-57 Slim Line Aligning Screwdriver, 7"	.60
8988	X-57 Slim Line Aligning Screwdriver, 12"	.90
8989	X-57 Slim Line Aligning Screwdriver, 16"	1.20
8728-A	TV Long-Reach Insulated Screwdriver (1/4" blade)	.27
8728	TV 12" Long-Reach Insulated Screwdriver (1/4" blade)	.42
8729	TV 16" Long-Reach Insulated Screwdriver (1/4" blade)	.54



SCREW DRIVERS • HEX NUT DRIVERS • SOCKET WRENCHES

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 8 ozs.—of nut driver 8 ozs.

SCREWDRIVERS

ROUND BLADE—polished, flanged blades

Type #	Shaft Size	Overall	Net
R144	4" x 1/4"	8"	.69
R146	6" x 1/4"	10"	.72
R148	8" x 1/4"	12"	.78
R152	2" x 1/8"	2 1/2"	.33
R183	3" x 1/8"	5"	.27
R184	4" x 1/8"	6 1/2"	.35
R186	6" x 1/8"	8 1/2"	.39
R188	8" x 1/8"	10 1/2"	.48

SET-SCREW TYPE—with pocket clip

R184 1/2	1" x 1/8"	6"	.27
R3323	3" x 3/32"	5"	.27

HEX NUT DRIVERS

* Used as Volume Control Wrench

Type #	Nut Size	Length	Net
6	3/16"	6"	.66
7	7/32"	6"	.66
8	1/4"	6"	.66
9	9/32"	6"	.66
10	5/16"	6"	.66
11	11/32"	6"	.66
12	3/8"	6"	.66
AB	1/4"	9"	.75
A10	5/16"	9"	.75
A12	3/8"	9"	.75
S8	1/4"	3-1/4"	.54
S10	5/16"	3-1/4"	.54
S12	3/8"	3-1/4"	.54

SQUARE BLADE—heavier duty

S144	4" x 1/4"	8"	.75
S146	6" x 1/4"	10"	.78
S148	8" x 1/4"	12"	.90
S3164	4" x 3/16"	7 1/2"	.63

PHILLIPS SCREWDRIVERS—alloy steel

X101	3" #1 pt	6 1/2"	.63
X102	4" #2 pt	7 1/2"	.84
X103	6" #3 pt	10"	1.08
X106	6" #1 pt	10"	.69

STUBBY SCREWDRIVER—square blade

S141	1 1/4" x 1/4"	3 1/4"	.51
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SUPERREAMER—chrome finish

Super hard chrome finish reamer fixed in man sized handle—reams 1/4" to 3/8".

Type #38.....Net 1.41

Reamer blade—fits 99-1 and 99-2 handle in 99 PR and 99 JR sets. Reams 1/4" to 3/8".

Type 99-38.....Net 1.23

Heavy reamer blade. Fits 99-1 and 99-2 handle. Reams 1/4" to 1/2".

Type 99-39.....Net 1.56

HOLLOW SHAFT NUT DRIVERS

Type #	Nut Size	Length	Net
HS8	1/4"	6 7/8"	.81
HS10	5/16"	6 7/8"	.81
HS11	11/32"	6 7/8"	.81
HS12	3/8"	6 7/8"	.81
HS14	7/16"	6 7/8"	.93
HS16	1/2"	6 7/8"	.96
HS18	9/16"	6 7/8"	.99
HS20	5/8"	6 7/8"	1.14

Combination Kit

Convenient "hip pocket" kit of screw drivers. Packed in a durable, zippered case. Carry in Tool box—Boat-kit—Glove compartment. Contains single, pocket type handle and two reversible blades. #1 and #2 Phillips, 3/16" and 1/4" regular blades. Shpg. wt., 1 lb.

Type No. CK-20.....Net 2.64

XCELITE TOOL HOLSTER

Made of pliable form fitting heavy leather. Stitched to solid Russel Saddle leather back. Top quality hot wax thread. Locked with steel rivets. 5 pockets and knife snap. Snap is specially designed for one hand motion to attach, remove knife. Ruggedly constructed for a life time of hard use. Overall size 9" x 9". Less tools. Shpg. wt. 1 lb.

XCELITE-150.....NET 2.85

NO. 127 WALL SET

Seven most popular, color coded Nut Drivers in a "roll-up-proof" steel wall rack. Includes wrenches from 3/16" to 3/8". All blades highly polished. Metal holder in red wrinkle finish. Shpg. wt. 2 1/2 lbs.

No. 127.....Net 5.34

No. 77 Roll-Up Set: Same drivers as No. 127 set—in handy roll-up carrying case. Shpg. wt. 2 1/2 lbs.

No. 77.....Net 5.34

NO. 99 PR MULTI-PURPOSE SET

11 interchangeable nut drivers and screwdrivers in a durable roll plastic kit. 9 nut drivers from 3/16" to 1/4"—double ended standard screwdriver—double ended Phillips screwdriver—single handle for all blades. All blades interchangeable easily. Shpg. wt. 2 lbs.

No. 99 PR.....Net 8.19

NEW! No. 99 JR—Pocket size version of the famous 99 PR. You get 7 nut drivers, 3/16" to 3/8"—2 Phillips blades—2 standard screwdriver blades—and 99-2 handle. All in roll-up durable plastic kit.

No. 99 JR.....Net 7.06

NO. 137 BENCH SET

Sturdy, handy, metal bench set. The most frequently used nut drivers—color coded handles—highly polished blades. Size: 3/16", 1/4", 5/16", 11/32", 3/8", 1/2", 9/16". Shpg. wt. 3 lbs.

No. 137.....Net 6.15

21 PIECE SOCKET SET

• A TRAY FULL OF SOCKETS!!

A real jewel of a tool set! Fourteen sockets from 1/4" to 1-5/16"—handle 98% of all nuts and bolts in use! Seven inch reversible ratchet handle, 1 1/2" Amber handled extension sockets from 1/4" to 1 1/16", for radio-TV and automotive. 1/4" offset wrench for sockets from 1/4" to 1 1/16". 7/16" extension for ratchet fits sockets from 1/16" to 15/16". Reversible screwdriver bit for ratchet handle. All in a steel carrying tray with plenty of room for your other most needed tools! Each piece has a high lustre finish for long life. Guaranteed against defects in material and workmanship. Shpg. Wt. 5 lbs.

HD-161.....Net 4.49

POPULAR SPECIALTIES AND ACCESSORIES

NEW! REMBRANDT AUTOMATIC POTATO PEELER



• HYDRO TURBINE ACTION • NO WORK—NO WASTE—NO PEELS
Automatically washes and peels 2 lbs. of potatoes in 1 minute! Peels carrots — beets — apples — radishes — etc. — and cleans itself! Peels are so finely pulverized that they wash freely down the drain! Made of hi-impact, hi-heat polystyrene. Neoprene hose with stainless steel clamp fits any faucet. Water power drives turbine mechanism — all done automatically. Unit top may be used as serving bowl. Stores in "pan" sized area — only 4" x 9 1/2". Weighs only 1 1/4 lbs. Suction cups on base hold firmly to any surface. Full warranty. Shpg. Wt., 2 1/2 lbs. AP-29 Single, each Net 9.95
Lots of 3, ea. 8.95 Lots of 6, ea. 7.95



ALL PURPOSE LAMP

Versatile fluorescent fixture with clamp-on base. 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 permit easy manipulation of fixture to give you light in any desired position. Arm extends 36". Uses two TB, 15-W. lamps. For 110-125V., 60 cycles AC. Shpg. Wt., 10 lbs. Bronze finish.

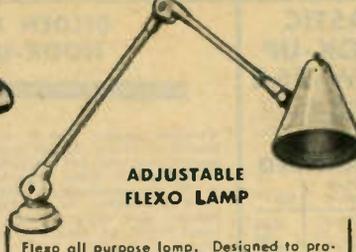
FL-10—less lamps.....Net 14.66
In lots of 3, ea., Net 13.68



PORTABLE DESK LAMP

Portable Desk Model. Has all the features of Model FL-10 except for the difference in the base. This unit has a weighted base with pen and pencil grooves, for desks and tables where screw clamp cannot be used. Shpg. wt., 23 lbs.

FL-11—less lamps.....Net 20.54
In lots of 3, ea. Net 19.18
FL-201—TB—15 watts, ea., Net .72

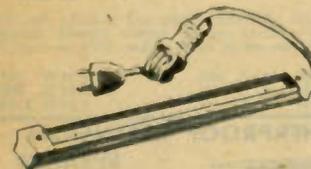


ADJUSTABLE FLEXO LAMP

Flexo all purpose lamp. Designed to provide adjustment to any position or angle and sturdily constructed for a lifetime of service. No exposed wiring. Air Cooled Shade. Will stand up better under conditions of vibration. Maximum extension 34". Lamp swivels around at base and at shade and swivels at each joint for universal adjustment to any of countless different positions. Shade 5 1/2" in diameter, 6" deep. Switch on shade. Use standard incandescent bulb. Clamp removable for surface mounting. Shpg. wt., 5 lbs.

FL-16.....Net 9.56

TAP-A-LINE HANDY 8 in 1 OUTLET

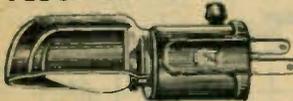


- IN RADIO AND TELEVISION SHOPS
- IN THE KITCHEN
- IN THE HOME WORKSHOP
- ON THE FARM

Tap-A-Line multi-plug is a handy time and nuisance saver. Avoids shifting of plugs—stringing extension cords. Makes continuously available up to 3 different appliances at one time. Easy to install or use unmounted. Grips plugs securely at all times. A must for use in areas having a limited number of outlets. Rated at 1000 watts. Ivory colored tough plastic—12" long by 1" square. Four ft. heavy cord and plug. Tap-A-Line is safe—convenient—handy. Shpg. Wt. 1 1/2 lbs.

EL10.....Net 1.47
EL11—Same as above, but 2 ft. long.....Net 2.40

NITE-LAMP SAFE - PRACTICAL PLUGS IN ANY OUTLET



Newest night light—neat design—sturdy construction. Only 3 1/4" overall. Plugs right into outlet. Removable shade swivels to direct light. Use \checkmark white bulb — consumes 1 cent in current in 50 hours. All bakelite. On-off switch. UL approved. EL-44 in lots of 3, each .40
Singly.....each .45

50 ft. TROUBLE LAMP

• 2 Side Outlet Tool
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. Fifty feet of husky, rugged convenience. Light and power where you want it. A necessity in the shop—home—garage—car. Shpg. wt., 4 lbs.

EL-41.....Net 1.80

NEW BLONDE PRECISION PRODUCTS

• PIN POINT OILER • TAPE SOLDER
Pin Point Oiler: Puts a drop or a squirt of oil where you want it. The only practical instrument for precision oiling. Spout is only 35 thousandths of an inch in diameter. Made of stainless steel and butyrate. Filled with clear, non-staining machine oil. Can be refilled with oil or other liquids. Hypo action prevents messy, harmful over oiling of precision equipment. Shpg. wt., 4 oz.
HD-311.....Net .66
Tape Solder: Pure 40/60 solder, impregnated with resin flux. Needs no soldering iron. Use with match, cigarette lighter, candle, etc. No waste—just wrap around joint and apply heat. Not a solder substitute—but the most recent advance in solder application. Perfect for radio, TV, home repairs, hobbies, etc. 28" package—enough for 100 connections. Shpg. wt., 3 oz.
HD-312.....Net .17

"MINI-TEST" VOLTMETER

- VEST POCKET SIZE
- COMPLETELY SELF-CONTAINED



A burn out proof, miniaturized voltage meter to check voltage from 65 V. to 800 V. Use on AC or DC. Determine if voltage is AC or DC—checks continuity—traces open lines—checks voltage drop—trouble shoot electrical appliances—etc. Small—rugged—dependable—requires no special care. Only 1 1/2" x 1 1/2" x 3/8" overall. Voltages are read directly from the dial. "Clip-on" test leads leave both hands free. Molded styrene case and knob. Indispensable for checking electrical appliances and identifying electrical circuits. Shpg. wt., 1/2 lb. MS-343.....Net 1.49

NEW "FOREMAN" LAYOUT TOOL

- DOES ANY LAYOUT WORK WITH EASE
- SCRIBES CIRCLES UP TO 20 FEET
- LOCKS ON SCALE ANYWHERE



Not just another rule—but a multi purpose 10 foot 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 feet—circles up to 20 feet—locks in at any place on scale. 10 ft. x 3/4" white blade includes scales for 32nds, 16ths, inches, foot plus inch, architects scales, tile layout scale, automatic lock, scribing pin. Takes all the guess work out of figuring. A thousand uses for any craftsman. Shpg. wt., 1 lb.
HD-310.....Net 2.79

New! BURGESS "BEARCAT" LANTERN

Focusing feature permits a brilliant spread or a spot beam, good for a half-mile. Built low and solid to rest firmly on ground. It has a strong and comfortable notched handle, and foot-actuated silver contact thumb switch. Compact, attractive and lightweight (only 4 lbs. complete with battery). Sturdy knurled knobs attach "BEARCAT" to battery in a matter of seconds. Powered by 6-volt TW1 leakproof, weather-proof steel-clad battery. Shpg. wt., 5 1/2 lbs.

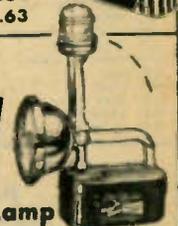
Burgess TW9 Complete with Battery.....Net 4.34
Extra Battery, Burgess TW1.....Net 1.63



Powerful and versatile portable 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 lamp head. Chrome-plated beacon arm fits snugly over handle. Beacon flashes 60 times per minute. Steel weatherproof case with hinged cover and snap catch. Operates on one battery. Shpg. wt., 3 lbs. List 10.50.

ML-66—less Battery.....Net 6.98
Burgess No. F4H battery Wt. 1 1/2 lbs. Net .61

BIG BEAM Sealed Beam Beacon Lamp



KRYLON ACRYLIC SPRAYS



Provides a durable coating for wood, metal, leather, paper, etc. Dries in 3 minutes. Rust, fungus, chemical resistant. Won't crack or peel. High dielectric strength. Precision valve—non clogging. Specify color and number.

16.2 oz.—Clear.....ea. Net 1.27
16.2 oz.—all others.....ea. Net 1.11
6 oz.—all.....ea. Net .64

TYPE NO.	6 OZ.	COLOR
1302	1300A	Clear
1320	1401A	Metal Primer
1401	1501A	White
1501	1502A	Flat White
1502	1601A	Gloss Black
1601	1602A	Flat Black
1602	1603A	Mach. Grey
1603	1604A	Light Grey
1604	1605A	Dove Grey
1605	1701A	Gold
1701	1801A	Yellow
1801	1901A	Regal Blue
1901	1902A	Baby Blue
1902	2001A	Hunter Green
2001	2101A	Cherry Red
2101	2102A	Baby Pink
2102	2201A	Copper
2201	2301	O. D. Khaki
2301	2401	Int'l. Orange

SPECIAL PRODUCTS

1323 — Cleaner & Degreaser
1324 1324A Rust Release
7002 — HI GLOSS VARNISH
SATIN VARNISH

NEW! SPRAY CAN HANDLE

- CONVERTS ANY SPRAY CAN TO SPRAY GUN
- SNAPS ON OR OFF IN SECONDS
- ASSURES EVEN APPLICATION



Assures professional results with ease of handling. Keeps hands clean—eliminates fatigue. Maintains even, accurate spray application. Spray containers have a standard size head. Use this handle on paints, plastics, lubricants, insecticides, household sprays, any aerosol spray container. Instantly detachable. Shpg. wt., 1 lb.
HD-298.....Net, ea. .69
Net, ea. in lots of 3 .59

NEW! METAL TONE SPRAY

- HAMMERTONE AND METALLESCENT
- 16 oz. Spray can

Spray finish gives a hammered metal look to furniture, appliances, glassware, toys, leather, paper, ceramics, etc. Use in work shop on tools, tool boxes, bins, etc. In office on desks, files, machines, lamps, shelving. Perfect for redoing instrument cases, baffles, fixtures, cabinets. Available in 6 hammertone and 4 metallescent finishes. Shpg. wt., 1 1/2 lbs. Net Ea.

HD-299—Hammerstone Silver1.19
HD-300—Hammerstone Copper1.19
HD-301—Hammerstone Blue1.19
HD-302—Hammerstone Green1.19
HD-303—Hammerstone Golden
Chartruse1.19
HD-304—Hammerstone Charcoal
Gray1.19
HD-305—Metallescent Red1.19
HD-306—Metallescent Blue1.19
HD-307—Metallescent Green1.19
HD-308—Metallescent Black1.19

WIRE - Belden - Alpha - Consolidated - WIRE

ALPHA THERMOPLASTIC HOOK-UP MIL-W-76A

Supersedes SRIB (JANE-76) 80° C. hook-up wire. Thermoplastic insulation is impervious to oils, moisture, acids, flame. 1000 V. insulation rating. Nom. 0.16 insulation. Sold only in 1000' and 100' lengths.

MW (MEDIUM WALL) STRANDED

Alpha No.	MIL-W-76A	Cond. Size	Stand Pks.	Stock Colors	NET*
1550	MW-C 24(7)U	24	1000'	1 thru 22	6.90
1550Q	MW-C 24(7)U	24	100'	1 thru 22	.84
1551	MW-C 22(7)U	22	1000'	1 thru 30	7.95
1552	MW-C 22(7)U	22	100'	1 thru 30	.95
1553	MW-C 20(10)U	20	1000'	1 thru 30	10.35
1554	MW-C 20(10)U	20	100'	1 thru 30	1.19
1555	MW-C 18(16)U	18	1000'	1 thru 22	14.63
1556	MW-C 18(16)U	18	100'	1 thru 22	1.62
1557	MW-C 16(26)U	16	1000'	1 thru 22	21.45
1558	MW-C 16(26)U	16	100'	1 thru 22	2.30
1559	MW-C 14(41)U	14	1000'	1 thru 22	32.25
1559Q	MW-C 14(41)U	14	100'	1 thru 22	3.38
1560	MW-C 12(61)U	12	1000'	1 thru 22	54.00
1560Q	MW-C 12(61)U	12	100'	1 thru 22	5.55

MW AS ABOVE EXCEPT SOLID

1561	MW-C 22(11)U	22	1000'	1 thru 22	6.30
1562	MW-C 22(11)U	22	100'	1 thru 22	.70
1563	MW-C 20(11)U	20	1000'	1 thru 22	8.48
1564	MW-C 20(11)U	20	100'	1 thru 22	1.01
1565	MW-C 18(11)U	18	1000'	1 thru 10	12.00
1566	MW-C 18(11)U	18	100'	1 thru 10	1.35

*Net prices shown above are for solid colors 1-13. For tracer colors 14-30 add 1.13 to 1000 ft. price and .70 to 100 ft. price.

STOCK COLORS

- | | |
|----------------------|-------------------------|
| (1) white | (16) white/green |
| (2) black | (17) white/yellow |
| (3) red | (18) white/blue |
| (4) green | (19) white/brown |
| (5) yellow | (20) white/orange |
| (6) light blue | (21) white/gray |
| (7) brown | (22) white/slate |
| (8) orange | (23) white/black/red |
| (9) gray (slate) | (24) white/black/green |
| (10) violet (purple) | (25) white/black/yellow |
| (11) tan | (26) white/black/blue |
| (12) pink | (27) white/black/brown |
| (13) dark blue | (28) white/black/orange |
| (14) white/black | (29) white/black/gray |
| (15) white/red | (30) white/black/violet |

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, tan. Please specify color. Shpg. wt., 2 lbs. per 100 ft.

Alpha No. 1944	25 ft.	50 ft.	100 ft.
	Net	Net	Net
	.40	.73	1.37

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.

	10 ft.	25 ft.	100 ft.
	Net	Net	Net
Belden 8899	.41	.73	2.25
Belden 8898	.56	1.15	3.38

2 COND. SHIELDED PHONO CABLE

For wiring phono arm from cartridge to amplifier. 2 cond. no. 24 stranded, tinned copper. Coded black and red, shield overall. Shpg. wt., 4 ozs.

Alpha 1202 25 ft. Net 1.25

HOOK-UP WIRE KITS

Low cost, high quality hook up wire. Assorted colors. Shpg. wt., 1 lb. per 100 ft.

WR-41	100 ft. coil	Net .59
KI-38	Kit of 6 25 ft. coils	Net .79
KI-39	Kit of 5 100 ft. coils	Net 2.25

Cut Length Kit: 5 lbs., over 1000 ft. Lengths up to 3 ft. Various colors, insulations and sizes. Shpg. wt., 6 lbs.

KI-22	Net 1.93
KI-35 2 1/2 lb. kit—500 ft.	Net .99

BELDEN ACETATE HOOK-UP WIRE

Excellent quality hook-up wire 1000 V. 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 megohms minimum. Colors: 8028 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. Av. shpg. wt. 12 oz. per 100 ft.

Belden Type	Conductor No. and Type	O.D.	25 ft. Net	100 ft. Net	1000 ft. Net
8941	20-solid	.072"	.46	1.47	11.40
8942	20-stranded	.076"	.47	1.47	12.20
8945	18-solid	.080"	.50	1.62	13.38
8947	18-stranded	.087"	.55	1.76	15.09
8942	18-stranded	.089"	—	2.06	17.64
8938	11-stranded	.115"	—	2.60	—

BELDEN SHIELDED INTERCOM CABLES

Quality shielded cable for minimum interference pickup.

BELDEN TYPE	QUANT.	AWG.	TYPE	O.D.	15 ft. Net	50 ft. Net	100 ft. Net
8735	3	22	Stranded 0.195"		.85	2.25	4.21
8758	2	20	Stranded 0.165"		—	—	3.09

BELDEN TYPE 8817 LITZ WIRE—100 ft. Net .24

BELDEN PAIRED VINYL-COVERED CABLE

Color-coded vinyl insulated cables for telephone and intercom wiring. Size 22 solid tinned copper conductors are cabled in twisted pairs. Chrome vinyl outer covering.

Mfr's Type	Conductors	O.D.	Shpg. Wt. 100 ft.	PER FOOT	100' or more PER 100'
8740	2	.134"	1 3/8 lbs.	.025	1.76
8741	1	.185"	2 1/8 lbs.	.035	2.89
8742	6	.220"	3 1/8 lbs.	.05	3.82
8743	12	.261"	4 1/8 lbs.	.07	5.44
8744	18	.320"	6 1/8 lbs.	.10	7.79

PUSH BACK WIRE



No stripping necessary. Just push back double cotton covered paraffin damp-proof 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-110 25 ft. stranded..... Net .35

WR-111 100 ft. stranded..... Net 1.26

WR-112 25 ft. solid..... Net .34

WR-113 100 ft. solid..... Net 1.23

POT AND POSJ AC ZIP CORD

U.I. 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.

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

INTERCOM WIRE

2 conductor Twisted: Flexible, tinned copper with plastic insulation. Shpg. wt., 2 lbs. per 100 ft.

WR-12 100 ft. coil Net 1.19

WR-13 250 ft. spool Net 2.50

3 conductor twisted: Shpg. wt., 3 lbs. per 100 ft.

WR-14 100 ft. coil Net 1.50

WR-15 250 ft. spool Net 3.50

3 conductor twisted with plastic sheath: Shpg. wt., 3 lbs. per 100 ft.

WR-16 100 ft. coil Net 1.95

WR-17 250 ft. spool Net 4.50

ASSORTED SPAGHETTI

24 piece assortment, 8" lengths. Various colors and diameters. Shpg. wt., 4 ozs.

M5-64 Net .18

PHONO PICKUP ARM CABLE

Flexible, stranded, twisted pair. Coded red and black. Small diameter. Shpg. wt., 4 oz.

Belden 8430 25 ft. Net .50

BELDEN MICROPHONE CABLES SINGLE CONDUCTOR

Durable single conductor cables. No. 25 tinned stranded wire; 3x33 copper and 4x33 copper-coated steel. Concentric coverings include: cellulose acetate yarn braid, polyethylene, tinned copper shield, and chrome colored plastic outer jacket. Rubber insulation and silver-gray rubber jacket. Available only in lengths listed below.

Belden Type	O.D.	Wt. 100 ft.	15 ft. Net	25 ft. Net	50 ft. Net	100 ft. Net
8401	.290"	3 lbs.	.81	1.18	2.30	4.21
8410*	.217"	4 lbs.	1.32	2.06	3.82	7.20
8411	.144"	2 1/4 lbs.	.64	.99	1.71	3.14

TWO-CONDUCTOR CABLE

Belden type 8428 two conductor cable is No. 18 stranded (11x34) cotton wrap, with silver gray rubber jacket. Type 8412 is No. 20 stranded (8x34) cotton wrap rubber insulation, silver gray rubber jacket. No. 8422 is No. 22 stranded (16x34) tinned copper with polyethylene insulation and chrome plastic outer jacket. Available only in lengths listed below.

Belden Type	O.D.	Wt. 100 ft.	15 ft. Net	25 ft. Net	50 ft. Net	100 ft. Net
8428	.297"	1 lbs.	1.71	2.79	5.29	10.29
8412	.268"	5 1/2 lbs.	1.42	2.30	4.21	8.08
8422	.331"	4 lbs.	1.08	1.67	3.09	5.59

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.

Belden Type 8431	15 ft. coil	EACH .62
Belden Type 8431	25 ft. coil	EACH .99
Belden Type 8431	100 ft. coil	EACH 3.09

WEATHERPROOF EXTENSION SPEAKER CABLE

Belden Type 8205. Unshielded 2-conductor cable for extension speaker installations, intercoms, etc. Will withstand severe weather conditions. No. 22 stranded (7x30) rubber insulation, covered with black cotton braid.

Belden Type 8205	25 ft. coil	EACH .79
Belden Type 8205	100 ft. coil	EACH 2.40

COPPER AERIAL WIRE

Finest grade high tensile strength copper for all antenna requirements.

WR-64	75 ft. 7/22 bare	Net 1.32
WR-65	100 ft. 7/22 bare	Net 1.62
WR-63	75 ft. 7/24 bare	Net .88
WR-66	100 ft. 7/24 bare	Net 1.18
WR-62	75 ft. 7/26 bare	Net .60
WR-67	100 ft. 7/26 bare	Net .80
WR-68	100 ft. 12 solid enamel	Net 2.48
WR-69	100 ft. 14 solid enamel	Net 1.62

MAGNET WIRE

Finest quality. Available in plain enamel or heavy FORMVAR insulation.

B&S SIZE	FT. LB.	NO. LB.	SPOOL NET	NO. LB.	SPOOL NET
16	125	WR-70	.38	WR-71	.67
18	202	WR-72	.38	WR-73	.67
20	319	WR-74	.38	WR-75	.67
22	506	WR-76	.40	WR-77	.71
24	801	WR-78	.42	WR-79	.73
26	1280	WR-80	.44	WR-81	.76
28	2030	WR-82	.46	WR-83	.82
30	3220	WR-84	.50	WR-85	.91
32	5100	WR-86	.52	WR-87	.93
34	8080	WR-88	.55	WR-89	.99
36	12,800	WR-90	.67	WR-91	1.19
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	1.22
WR-97	16	124	1.23
WR-98	18	198	1.26
WR-99	20	313	1.32
WR-100	22	501	1.38
WR-101	24	798	1.46
WR-102	26	1200	1.58
WR-103	28	1909	1.73
WR-104	30	3200	1.93
WR-105	32	3900	1.97
WR-106	34	7950	2.28
WR-107	36	12,800	2.59
WR-108	38	20,000	3.20
WR-109	40	31,700	4.75

General Cement - Radio & T.V. Hardware and Chemicals

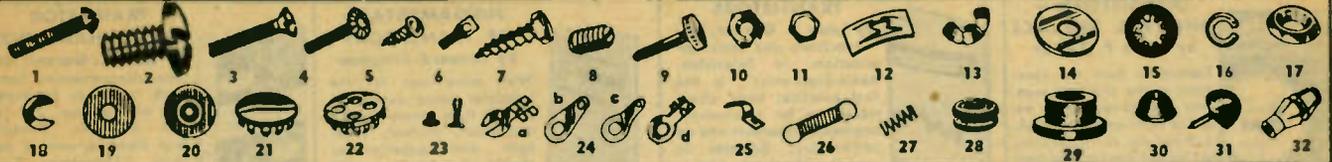


FIG. 1—ROUND HEAD SCREWS

SIZE	G. C. No.	32 BOX Quantity	GROSS PKG. G. C. No.	NET
4-36x1/4"	H1032-F	40	6005-G	.63
4-36x1/2"	H1034-F	35	6006-G	.69
4-36x3/4"	H1036-F	35	6007-G	.79
8-32x1/4"	H1062-F	40	6008-G	.70
8-32x1/2"	H1064-F	30	6009-G	.80
8-32x3/4"	H1066-F	30	8010-G	.93
8-32x1"	H1068-F	30	6011-G	1.09
8-32x1 1/4"	H1070-F	30	7141-G	1.30
8-32x1 1/2"	H1082-F	30	6013-G	.90
8-32x1 3/4"	H1083-F	25	6014-G	.98
8-32x2"	H1084-F	25	6015-G	1.06
8-32x2 1/4"	H1086-F	25	6016-G	1.21
8-32x2 1/2"	H1088-F	20	6017-G	1.39
10-32x1/4"	H1104-F	20	6020-G	1.24
10-32x1/2"	H1106-F	20	6021-G	1.46
10-32x3/4"	H1108-F	17	6022-G	1.64

FIG. 2—BINDING HEAD SCREWS

ASST	G. C. No.	Quantity	GROSS PKG. G. C. No.	NET
ASST	H1168-F	35		.69
5-36x1/4"	H1170-F	35	7154-G	.70
6-32x1/4"	H1172-F	35	7152-G	2.00
7-32x3/4"	H1174-F	30	7155-G	

FIG. 3—OVAL HEAD RACK SCREWS

SIZE	G. C. No.	Quantity	GROSS PKG. G. C. No.	NET
8-32x3/4"	H1266-F	30	6541-G	.89
8-32x1"	H1270-F	25	6542-G	1.22
10-32x3/4"	H1273-F	20	6543-G	1.46

FIG. 4—ORNAMENTAL HEAD SCREWS

ASST	G. C. No.	Quantity	GROSS PKG. G. C. No.	NET
ASST	H1250-F	20		1.40
6-32x3/4"	H1252-F	25	1097-G	1.52
6-32x1"	H1253-F	20	1098-G	2.08
8-32x1 1/4"	H1255-F	12	1099-G	

FIG. 5—WOOD SCREWS

ASST	G. C. No.	Quantity	GROSS PKG. G. C. No.	NET
ASST	H1502-F	25		1.48
4x1/2"			6114-G	1.67
6x1/2"			6116-G	1.96
8x1"			6117-G	

FIG. 6—SPADE BOLT #6 HOLE

ASST	G. C. No.	Quantity	GROSS PKG. G. C. No.	NET
ASST	H1570-F	15		2.63
6-32x3/4"			6082-G	

FIG. 7—SELF TAPPING SCREWS

ASST	G. C. No.	Quantity	GROSS PKG. G. C. No.	NET
ASST	H1300-F	25		1.26
4x1/2"	H1350-F	35	6090-G	1.26
6x1/2"	H1362-F	30	6091-G	1.39
8x1"	H1364-F	25	6093-G	1.63
10x1 1/2"	H1384-F	15	6096-G	2.28

FIG. 8—KNOB SET SCREWS

ASST	G. C. No.	Quantity	GROSS PKG. G. C. No.	NET
ASST	H1605-F	15		

FIG. 7—PHONO NEEDLE SET SCREWS

SIZE	G. C. No.	Quantity	GROSS PKG. G. C. No.	NET
ASST	H1550-F	12		.86
2-56x1/16"	H1553-F	12	P1-G	2.18
1-72x29/32"	H1555-F	5	P6-G	

FIG. 9—PHONO CARTRIDGE MTG. SCREWS

ASST	G. C. No.	Quantity	GROSS PKG. G. C. No.	NET
ASST	H1560-F	60		
ASST	H1800-F	30		.86
4-36x1/4"	H1805-F	30	6041-G	.90
6-32x1/4"	H1806-F	30	6042-G	.96
6-32x1/2"	H1807-F	30	7230-G	.96
8-32x1/2"	H1808-F	30	6043-G	1.25
8-32x1 1/2"	H1809-F	30	7233-G	
10-32x3/4"	H1810-F	30	6044-G	

FIG. 11—MOUNTING NUTS

ASST	G. C. No.	Quantity	GROSS PKG. G. C. No.	NET
ASST	H1920-F	12		
3/8-32x1/16"	H1923-F	15	Vel. Cont. Toggle Sw. Ring Nut	
13/32-32x1/16"	H1924-F	10		
15/32-32x1/16"	H1926-F	8		

FIG. 12—SPEED NUTS

ASST	G. C. No.	Quantity	GROSS PKG. G. C. No.	NET
ASST	H1960-F	30		4.33

FIG. 12—ACORN NUTS

ASST	G. C. No.	Quantity	GROSS PKG. G. C. No.	NET
ASST	H1950-F	10		3.58

FIG. 13—WING NUTS

ASST	G. C. No.	Quantity	GROSS PKG. G. C. No.	NET
ASST	H1933-F	10	6650-G	4.33
6-32	H1934-F	10	6659-G	3.58
8-32	H1935-F	8	6660-G	

FIG. 14—METAL WASHERS

ASST	G. C. No.	Quantity	GROSS PKG. G. C. No.	NET
ASST	H470-F	80	6155-G	.37
No. 6	H476-F	80	6156-G	.39
No. 8				
No. 10				

FIG. 15—LOCK WASHERS

ASST	G. C. No.	Quantity	GROSS PKG. G. C. No.	NET
No. 6	H926-F	50	7326-G	.60
No. 8	H928-F	30	7328-G	.64
No. 10	H930-F	15	7330-G	.66

FIG. 16—SPLIT LOCK WASHERS

ASST	G. C. No.	Quantity	GROSS PKG. G. C. No.	NET
No. 6			6504-G	.60
No. 8			6505-G	.49
No. 10			6506-G	.71

FIG. 17—CUP WASHERS

ASST	G. C. No.	Quantity	GROSS PKG. G. C. No.	NET
No. 6	H806-F	45	6161-G	.52
No. 8	H808-F	45	6162-G	.55
No. 10	H810-F	35	6163-G	.72

FIG. 18—C WASHERS

ASST	G. C. No.	Quantity	GROSS PKG. G. C. No.	NET
ASST	H770-F	25		

FIG. 19—FLAT FIBRE WASHERS

ASST	G. C. No.	Quantity	GROSS PKG. G. C. No.	NET
ASST	H820-F	35		

FIG. 20—EXTRUDED FIBRE WASHERS

ASST	G. C. No.	Quantity	GROSS PKG. G. C. No.	NET
ASST	H855-F	30		1.29
	H864-F	20	6529-G	

FIG. 21—HOLE PLUGS

ASST	G. C. No.	Quantity	GROSS PKG. G. C. No.	NET
1/4"	H306-F	8	1711-AG	5.15
3/8"	H308-F	8	1711-G	5.15
1/2"	H310-F	6	1712-G	5.98
3/4"	H314-F	5	1714-G	8.23
1"	H316-F	5	1715-AG	11.12

FIG. 22—VENT HOLE PLUG

ASST	G. C. No.	Quantity	GROSS PKG. G. C. No.	NET
1"	H334-F	4	1709-G	12.00

FIG. 23—SNAP-IN TRIMOUNTS

ASST	G. C. No.	Quantity	GROSS PKG. G. C. No.	NET
ASST	H370-F	20		

FIG. 24—SOLDER LUGS

No. 8 A	G. C. No.	Quantity	GROSS PKG. G. C. No.	NET
No. 8 B	H106-F	25	7445-G	1.57
No. 8 C	H113-F	30	7451-G	1.14
No. 8 D	H117-F	25	7455-G	1.94
No. 8 E	H134-F	25	7442-G	1.48
No. 10 D	H102-F	25	1021-AG	1.45

FIG. 25—CABLE CLAMPS

ASST	G. C. No.	Quantity	GROSS PKG. G. C. No.	NET
3/16-1/4"	H503-F	25	6251-G	1.29
3/16-1/2"	H502-F	20	6252-G	1.45
3/16-3/8"	H506-F	15	6253-G	1.66

FIG. 26—TENSION SPRINGS

ASST	G. C. No.	Quantity	GROSS PKG. G. C. No.	NET
ASST LARGE	H421-F	10		
ASST SMALL	H420-F	10		

FIG. 27—COMPRESSION SPRINGS

ASST	G. C. No.	Quantity	GROSS PKG. G. C. No.	NET
ASST SMALL	H440-F	20		
ASST LARGE	H441-F	15		

FIG. 28—RUBBER GROMMETS—MTG. HOLE SIZE SHOWN

ASST	G. C. No.	Quantity	GROSS PKG. G. C. No.	NET
1/4"	H030-F	16	1041-2-G	1.46
5/16"	H032-F	14	1041-G	1.65
3/8"	H034-F	12	1042-G	2.20
1/2"	H036-F	10	1043-G	2.48
5/8"	H038-F	8	1043-1-G	3.77

FIG. 29—RUBBER CHASSIS MOUNTS

ASST	G. C. No.	Quantity	GROSS PKG. G. C. No.	NET
ASST	H083-F	12		

FIG. 30—RUBBER FEET

ASST	G. C. No.	Quantity	GROSS PKG. G. C. No.	NET
ASST	H050-F	8		1.19
3/4 O.D.	H052-F	8	1075-BG	1.90
1 O.D.	H056-F	8	1075-FG	2.90

FIG. 31—RUBBER TACK BUMPERS

ASST	G. C. No.	Quantity	GROSS PKG. G. C. No.	NET
3/4 O.D.	H071-F	10	1075-G	2.42

FIG. 32—CORD STRAIN RELIEF FOR POST

ASST	G. C. No.	Quantity	GROSS PKG. G. C. No.	NET
FOR POST	H048-F	5	86675-G	6.88

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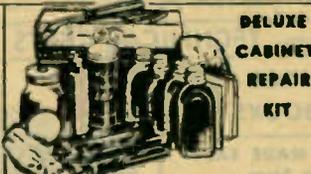
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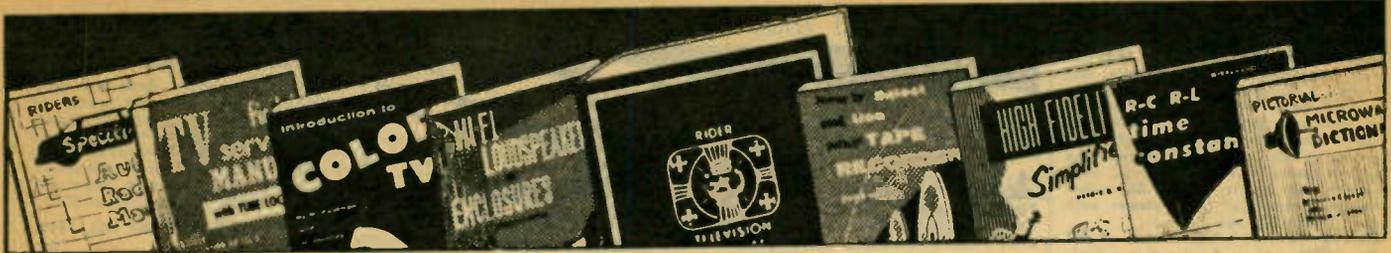
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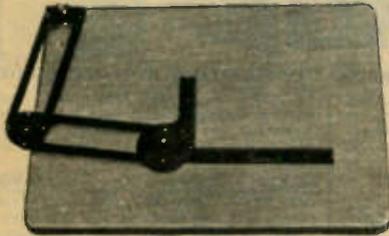
Publications needed to open, operate and maintain an AMATEUR radio station.

BK-1000—Radio Amateur's Handbook	3.50	BK-1009—Operating an Amateur Radio Station	.25
BK-1001—Mobile Manual for Amateurs	2.50	*The Gateway To Amateur Radio. The 4 books starred sold as a unit at a SPECIAL PRICE.	
BK-1002—Antenna Book	2.00	BK-1010	Net 1.50
BK-1003—Hints and Kinks	1.00	BK-1011—Single Sideband for the Radio Amateur	.30
BK-1004—Course in Radio Fundamentals	1.00	BK-1012—ARRL World Map	2.00
BK-1005—Amateur Station Logbook	.50	BK-1013—Minilog	.30
BK-1006—"How To Become a Radio Amateur"	.50	BK-1014—Official Radio Diagram Forms (per pad)	.35
BK-1007—"Radio Amateur's License Manual"	.50		
BK-1008—"Learning the Radio-Telegraph Code"	.50		



LAFAYETTE can save you up to 50% on DRAFTING and DRAWING Essentials

NEW! DRAFTETTE



ENGINEERS DRAFTSMEN ARTISTS

THIS IS IT!

- COMPACT • VERSATILE • QUALITY
- ECONOMY • PRECISION • RUGGED

Bigger and better than ever! One inch longer than previous model! Full 180° protractor scale. Finest aircraft aluminum, black satin finish. Engraved, white filled numbers and scale markings. Machine calibrated to ± .0005 of an inch. Requires no special training to use. Folds like a jackknife... slips into drawer or briefcase. Eliminates clutter of T-square, ruler, protractor, triangles. Clamps to drawing board or sketch pad, 101 practical uses in work, studies and hobbies. Lay out chassis, diagrams, sketches, design detail, surveys, etc. Costs far less than other drafting machines. Shpg. wt. 1 lb.

F-287—List 4.95 Net 3.95

DRAFTETTE with 10"x13" DRAWING BOARD

Same fine drafting machine as above including a lightweight sturdy drawing board. Shpg. wt. 2 lbs.

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F-287 drafting machine with lightweight board for larger layouts. Shpg. wt. 3 lbs.

F-289—List 6.50 Net 5.20

Professional GIANT BOW



- 6" Size with Center Wheel Adjustment
- Finely Balanced—Professional Type

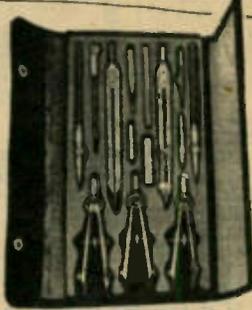
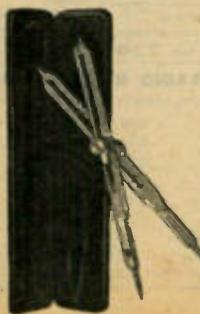
Professional quality utility set in a fitted, velvet lined case. Made in Western Germany of nickel plated, hard-rolled brass. 6" giant bow has preferred center wheel adjustment. Makes circles from 1/8" to over 10" in diameter. Set includes 6" giant bow, interchangeable pen and pencil parts, extra needle for using bow as divider, handle for use with pen and pencil parts, lead, lead box and repair parts. Shpg. wt. 1 lb.

F-44 Net 2.95

8" PROPORTIONAL DIVIDER

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.

F-167 Net 3.95



TECHNICAL DRAFTING SET

- Center Wheel Adjustment
 - Professional Quality
 - German Craftsmanship
 - A \$15.00 Value
- 5.95**

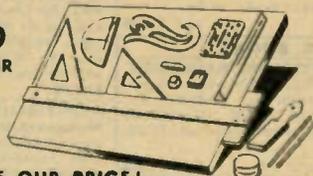
A fine set of imported nickel plated brass instruments priced far below the usual price for this quality. Contains 6 1/4" self-centering compass, one leg knuckle joint with divider, pencil, pen parts and lengthening bar; 6 1/4" self-centering divider; spring bow divider 4 1/4", center wheel adjustment 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 1/4" 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.

F-65 Net 5.95

SUPER DRAWING KIT

\$9.00

- REGULAR 15.50



• COMPARE OUR PRICE!

Lafayette has designed this set with the professional draftsman and advanced student in mind. Contains all the necessary equipment for drafting mechanical drawing—designing—engineering. Sturdy accurate components. Includes 20" x 24 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 lb.

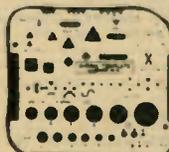
F-180 NET 9.00

SPECIAL COMBINATION OFFER

Consists of F-65 Technical Drafting Set and F-180 Super drawing outfit.

F-181 NET 13.75

WIRING TEMPLATE

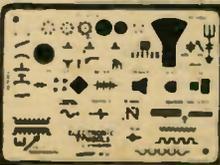


- ELECTRIC AND ELECTRONIC SYMBOLS TO JAN SPECS.

Electrical and electronic symbols conforming to JAN stds 15 specification. Grouped and arranged for greatest ease in drawing. Includes eighteen circles from 1/16" to 1". Capacitors—circuit breakers—fuses—switches—resistors—rectifiers—coils—etc. Highly accurate. Terrific time saver. Size 6 1/8" x 7". Thickness .030. Shpg. wt. 4 ozs.

F-154 Net 1.75

ELECTRONIC DRAFTING TEMPLATE



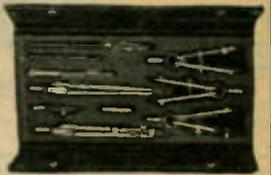
Exceptionally accurate! Made to J.I.C. standards for electronic symbols. All elements of electronic and CR tubes are provided for—plus tube bases for 7, 8 and 9 prong tubes. Includes latest symbols—transistors diodes—rectifiers—plugs, etc. Covers all electronic symbols. Size 7" x 5". Thickness .030. Shp. wt. 4 ozs.

F-151 Net 2.10

\$2.59 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—one a divider, one a pencil and one a pen.

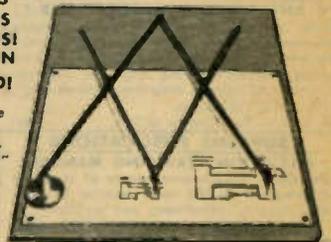


All have reversible needle point. 5 1/4" compass with pen and pencil parts—and lengthening bar. 5 1/4" divider with straightening device. 5" ruling pen. Extra handle for use with pen and pencil parts. Capsule with extra leads. Perfect for schools, labs, industrials or wherever precision drawing sets are used.

F-13 Net 2.59

HARD MAPLE PANTOGRAPH

- ENLARGES—REDUCES—REPRODUCES—PRECISION SUSPENDED!



21" adjustable pantograph—21 different ratios from 1 1/8" 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—ratia thumb screws and nuts. Complete with lead, accessories and detailed instructions. Shpg. wt. 2 lbs.

F-158 Net 3.75

ROTARY SWITCH TEMPLATE



Designed for speed and neatness in schematic layout of wiring diagrams using rotary wafers switches. Covers 10, 12 and 18 point switches and can be used in any combination by using the center hole as a rotating point. Made of .030 mathematical quality plastic. Size 6 1/4" x 3 3/8". Shp. wt., 4 ozs.

F-326 Net 1.75

ELECTRIC CONTROLS TEMPLATE

CONFORMS TO J.I.C. STANDARDS



J.I.C. standard symbols to assist in drawing and drafting circuits for electrically controlled machinery. Indispensable for electric automation of production processes. Includes pressure, temperature, liquid level and flow actuated switches. Controls fuses, circuit breakers, plugs, ground transformer, coils, etc. Precise, rapid circuitry is achieved with use. Size 9" x 3 3/8". Thickness .030. Shpg. wt. 4 ozs.

F-155 Net 1.75

ELECTRICAL DRAFTING TEMPLATE

• CONFORMS TO JAN SPECS

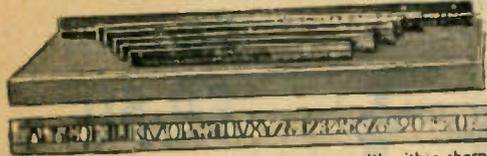
Designed for electrical and electronic engineers and draftsmen. For drawing symbols conforming to JAN stds. 15 specifications. Capable of reproducing hundreds of electrical and electronic symbols with great neatness and accuracy. Includes symbols for vacuum tubes, transformers, coils, relays, terminal strips, circuit breakers, fuses, resistors rheostats, capacitors, jacks, switches, etc. Has protractor for laying out tap switches. Guide for wires and cables. A time saving instrument of professional quality. Size 6-3/16" x 5". Shpg. wt. 4 ozs.

F-156 Net 1.80



LAFAYETTE can save you up to 50% 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 $\frac{1}{8}$ ", $\frac{3}{16}$ ", $\frac{1}{4}$ ", $\frac{5}{16}$ ", $\frac{3}{8}$ ", and $\frac{1}{2}$ ". Shpg. wt., $\frac{1}{2}$ lb.
F-78—Complete Set. Net 5.98

INDIVIDUAL GUIDES					
No.	Size	Each	No.	Size	Each
F-79	$\frac{1}{8}$ "	69c	F-82	$\frac{3}{8}$ "	1.19
F-80	$\frac{3}{16}$ "	85c	F-83	$\frac{1}{2}$ "	1.35
F-81	$\frac{1}{4}$ "	98c	F-84	$\frac{5}{16}$ "	1.65

LETTERING PEN

Reservoir type drawing pen. Designed for use with lettering guides from $\frac{1}{8}$ " to $\frac{1}{2}$ " and general applications. Shpg. wt., 3 oz.
F-95. Net 1.15

ARCHITECTS AND ENGINEERS SCALEMASTERS

Here is the triangular scale achieved in a flat scale. Eliminates searching, squinting, twisting, turning to find needed scale. Bevels exposed to full view, slotted openings for convenience. Full view scales from $\frac{3}{16}$ " = 1 ft. to 3 " = 1 ft. — including $\frac{1}{2}$ " scale and 16ths — 32nd — and run to inches. Size $1\frac{1}{2}$ " x $3\frac{1}{2}$ ". Heavy line, prevents error. Engineered for dependable performance. Shpg. wt. 4 oz.
F-152 — Architects Beale. Net .67

Engineers Scale: Similar to above. Has 9 full divided scales, and meters. Shpg. wt. 4 oz.
F-153 — Engineers Beale. Net .67

SPEEDY PRECISION DOTTER

• Revolutionary Drawing Device
• 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 $1\frac{1}{2}$ " x $1\frac{1}{2}$ ". Ideal for draftsmen, architects, layout men, students, artists, etc. Supplied with dotter insert only. See below for other inserts. Shpg. Wt. 6 oz.
Net 98c
Any Type 25c

- F-67 — DoMar Refill
- F-68A — Dot and Dash Refill
- F-68C — 2 Dots and Dash Refill

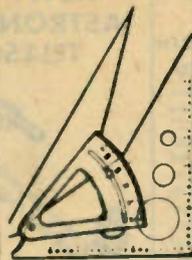
STYRENE TRIANGLES

Crystal clear transparent triangles with finger lifts. Double bevel in cutout allows easy pickup. Sturdy .100 thick. Average Shpg. Wt. $\frac{1}{4}$ lb.

SIZE	30/60°		45/90°	
	No.	Each	No.	Each
6	F-71	23c	F-74	30c
8	F-72	30c	F-75	40c
12	F-73	60c	F-76	82c

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. $\frac{1}{4}$ lb. Two sizes available.
F-69—45/90 Degree. Net 35c
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8" ADJUSTABLE TRIANGLE

Handiest 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 $\frac{1}{2}$ ", $\frac{3}{4}$ ", 1" and $1\frac{1}{2}$ " diam. Tapered holes $\frac{1}{8}$ " 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 1.98

1.98

10" SLIDE RULE



1.35

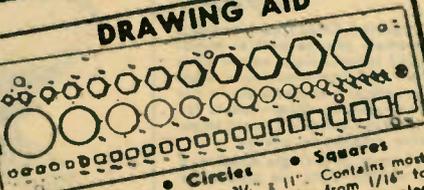
This slide rule is a precision made instrument of plastic laminated construction. This rule has decimal equivalents, scales. There are A, B, C, D and K scales on the face side and log, sine and tangent on the back of slide rule. Instructions for use included with each slide rule. Each slide rule in vinyl case. Excellent choice for student or as utility instrument for the professional. Shpg. wt., $\frac{1}{2}$ lb.
F-192. Net 1.35

'DIAL-A-MATIC' ADDING MACHINE



ADDS UP TO 99,999 — SUBTRACTS — MULTIPLIES
Fast—accurate—precision engineered. Moving parts made of DuPont Nylon. Just dial your numbers—read your answers! Great for general daily calculations—small business—and homework. Fits pocket or purse —mechanically guaranteed. With dialing stylus. Shpg. wt., $\frac{1}{2}$ lb.
F-189. Lots of 3, each 1.35
Singly, each 1.50

DRAWING AID



• Hexes • Circles • Squares
Sturdy transparent template $3\frac{1}{4}$ " x 11". Contains most useful hexagons from $\frac{1}{8}$ " to 1". One edge beveled 1" and squares from $\frac{3}{32}$ " to $\frac{9}{16}$ ". One edge beveled and 1" 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 98c

RADIO ELECTRONIC SCALE $1\frac{1}{2}$ " x 8"



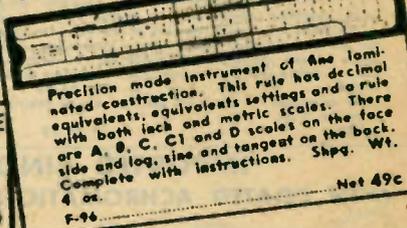
A protractor ruler with radio and electronic symbols. Ideal circuit diagram builder for hams, students and technicians. Transparent. Shpg. Wt. 4 oz. F-94. Net 35c

FRENCH CURVE SET



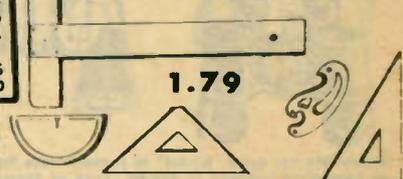
Made of crystal clear plastic .090 thick. Set consists of eight French curves. Excellent for perspective, three dimensional drawing and general applications. Shpg. Wt. $\frac{1}{2}$ lb.
F-85. Net 2.40

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, D and K scales on the face side and log, sine and tangent on the back. Complete with instructions. Shpg. Wt. 4 oz.
F-96. Net 49c

COMPLETE DRAWING SET



These drawing kits were especially designed for students of mechanical drawing and engineering. Perfect for professional people needing inexpensive, accurate instruments for home or office use. Consists of: 18" wooden T square, 6" transparent 45-90° triangle, 8" transparent 30-60° triangle, 6" 180° transparent protractor with etched rule and french curve cutouts, $\frac{5}{16}$ " transparent french curve. Guaranteed to be worth many times our low price. Shpg. Wt. 1 lb.
F-49. Net 1.79

PLASTIC T SQUARE

WITH ADJUSTABLE PROTRACTOR HEAD
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. $\frac{1}{2}$ lb.
F-99—18" long. Net 1.98
F-100—24" long. Net 2.35

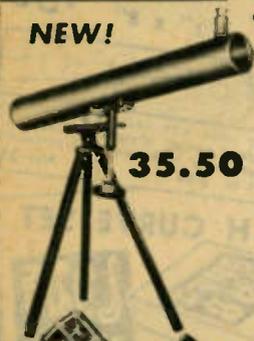
PLASTIC FOLDING PARALLEL RULES

These rules meet government specifications. Made of black vinyl with corrosion resistant metal parts. Equipped with friction pads to prevent slipping. Shpg. Wt. $\frac{1}{2}$ lb.
F-92—12" long. Net 1.98
F-93—18" long. Net 2.65



LAFAYETTE'S ASTRONOMICAL VALUES for the International Geophysical Year

NEW!



35.50

3 IN. REFLECTING TELESCOPE

- ADJUSTABLE EQUATORIAL MOUNTING
- MIRRORS ACCURATE TO 1/4 WAVELENGTH
- ALUMINIZED AND QUARTZ OVER COATED

The finest 3" reflecting telescope available for the astronomer with a limited budget. Produced to the specifications of outstanding experts. The only 3" Telescope available with an adjustable Equatorial mount—permanently collimated mirrors—aluminized and quartz over coated mirrors guaranteed accurate to 1/4 wave or better. Adjustable for proper tracking in Right Ascension and Declination. Seamless aluminum tube. All castings carefully machined and assembled. Trip-proof tripod. Ideal for the beginner and amateur astronomer. 60X permits observation of Moon craters and mountains—Saturn's rings—Jupiter's satellites—double stars—clusters—and refuges. Complete with instructions. Shpg. wt., 12 lbs.

F-315 Net **35.50**
F-316—As Above, 4 1/2", 50X-100X..... Net **59.85**
F-317—As Above, 6", 50X-100X-200X,
Pedestal cantilevered Base..... Net **259.50**

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- WORKING SCALE MODEL
- MORE THAN A "TOY"
- BAUSCH & LOMB REFLECTOR LENS
- SEE THE MOON'S CRATERS — JUPITER — SATURN

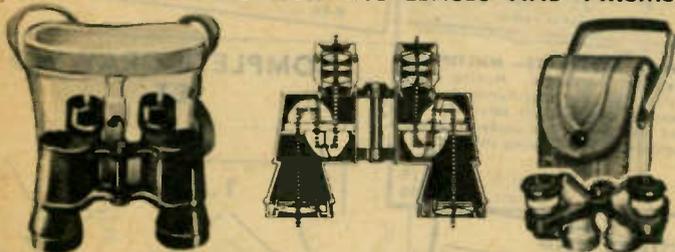
Working scale model of the 200 inch Mt. Palomar telescope. Bausch and Lomb prime focus reflector lens — optically ground and polished. Rigid design — sturdy operating controls to better enable the young astronomer to study the Moon — Saturn — Jupiter — and all the wonders of the night sky. More than a toy — an accurate, powerful optical instrument. Educational — Interesting — and fun to use! A natural for today's space minded youngsters — suitable for the amateur astronomer. Complete kit including easy to follow instructions and illustrated "Star Guide". Shpg. wt. 5 lbs.

F-223 Net **8.39**
Fully assembled — Ready to use. Exactly as described above but completely assembled. Shpg. wt. 5 lbs.

F-224 Net **10.49**

IMPORTED BINOCULARS

WITH COATED ACHROMATIC LENSES AND PRISMS



Lafayette has gone "all-out" to present these fine, imported Zeiss type binoculars at heretofore unheard of prices! Each of these extremely precise optical instruments have coated lenses—clamped in (not just glued!) prisms—light weight alloy all metal bodies—weather proof, tear proof outer coverings—maximum light transmission—minimum distortion. Made by leading optical manufacturers to our own rigid specifications. Whether you are a yachtsman—hunter—hiker—sports fan—or a bird watcher—you'll find the binoculars you need in Lafayette's great selection. And Lafayette's famous money-back guarantee applies as always.

FOCUS—mechanism is either central focus (C.F.) by means of a single wheel and one adjustable eye piece, or individual focus (I.F.) wherein both eye pieces are separately adjustable.

POWER—is the number of times an image is magnified through your binoculars. For example 7X (7 power) means the object will appear 7 times larger (or closer) than with the naked eye. The second number used (i.e. the "50" in 12X, 50) is the diameter in millimeters of the objective lens.

COATED LENSES—tend to reduce reflection and pass up to 50% more light than uncoated lenses.

Model	Power	Focus	Includes Hard Pigskin case	Shpg. Wt.	NET
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F-15	7x.36	I.F.	Shpg. Wt. 3 lbs.		NET 17.95
F-103	7x.36	C.F.	Shpg. Wt. 3 lbs.		NET 20.95
F-104	7x.36	C.F.	Wide Angle—Shpg. Wt. 3 1/2 lbs.		NET 29.50
F-103	7x.50	I.F.	Shpg. Wt. 3 1/2 lbs.		NET 21.50
F-104	7x.50	C.F.	Shpg. Wt. 3 1/2 lbs.		NET 24.95
F-104	12x.50	C.F.	Shpg. Wt. 4 1/2 lbs.		NET 27.95
F-110	16x.50	C.F.	Extra Light Weight—Shpg. Wt. 3 1/2 lbs.		NET 31.50
F-105	20x.50	C.F.	Shpg. Wt. 4 1/2 lbs.		NET 37.50

Add 10% Fed. Tax to Above Prices

BINOCULAR MOUNTING CLAMP

Indispensable accessory for high powered binoculars. Fits all sizes—individual or central focus. Used with standard camera tripod. Holds binoculars steady for long range—extended period use. Satin black finish. Shpg. wt., 1/2 lb.

F-187 Net **2.45**

NEW! 150X ASTRONOMICAL TELESCOPE

Regularly 125.00

Special 69.50



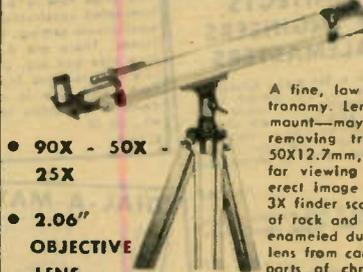
- 900MM FOCAL LENGTH
- 1.93 SEC. RESOLVING POWER
- 2.4" OBJECTIVE LENS
- SLOW MOTION CONTROLS

All new, 1958 version of Lafayette's famous 2.4" refracting telescope. A professional instrument for the amateur astronomer. Fully coated and corrected for coma and spherical and chromatic aberration. Fork type altazimuth mount has slow motion controls for both altitude and azimuth. Focusing by means of draw tube, rack and pinion drive with coaxial knobs. Body tube of white enameled duraluminum. Moving parts of heavily chrome plated brass. Includes 5X20mm focusing view finder with etched cross-hairs. 4 coated eyepieces, 150X6mm, 100X9mm, 72X12.5mm, 40X20mm. Sunglass, erecting prism, star diagonal, wooden cabinet, tripod with chain brace and instructions. Optical specifications: Objective lens 62mm, focal length 900mm, resolving power 1.93 sec. Focal ratio f/15. Shpg. wt., 25 lbs.

F-318 Net **69.50**

NEW! 90X ASTRONOMICAL TELESCOPE

49.50



- 90X - 50X - 25X
- 2.06" OBJECTIVE LENS
- REGULARLY \$75.00

A fine, low cost, instrument for the beginner in astronomy. Lenses are coated and corrected. Altazimuth mount—may be used on table or other flat surface by removing tripod legs. Three eyepieces, 90X7mm, 50X12.7mm, 25X25mm. Sunglass and star diagonal for viewing convenience. Correcting system affords erect image for terrestrial and astronomical viewing. 3X finder scope, easily collimated. Focusing by means of rack and pinion gear system. Body tube of white enameled duraluminum. Extra large dew cap protects lens from condensation—excludes stray light. Moving parts of chrome plated brass. Collapsible wooden tripod with chain brace. 52mm objective lens, focal length 630mm. Light weight for ease of handling. Shpg. wt., 20 lbs.

F-319 Net **49.50**

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- LAFAYETTE BRINGS THE STARS TO YOUR HOME

A REAL PLANETARIUM AS ACCURATE AS A professional model. See an exact reproduction of all the stars and constellations as they appear every month of the year. Just darken your room and the heavens are on your walls and ceilings. More than a toy... you can spend hours with this educational scientific marvel. Designed by Armond Spitz, world's leading astronomer. Complete with beautifully written 32-page book containing charts and illustrations for identification of thousands of stars, planets, and constellations. A natural for today's space minded youngsters. Shpg. wt., 3 lbs.

SPITZ JR. PLANETARIUM Net **10.75**
SKY ZOO PROJECTOR SPHERE

Converts the Spitz Jr. Planetarium to project the actual figures of the major constellations on the walls and ceiling of any darkened room. Floods your own private "sky" with the mythical figures of the constellations. Complete with instruction book. Shpg. wt., 1 lb.

Sky Zoo Sphere—List 4.00 Net **2.70**

SOUTHERN HEMISPHERE PROJECTOR

Convert Planetarium to project the heavens as seen from below the Equator. Shows stars invisible to people living north of the Equator. Shpg. wt., 1 lb.

Southern Hemisphere Projector—List 4.00 Net **2.70**



STARS



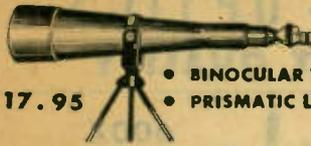
DISCOVER THE STARS

• NEW EDITION • BUILD A MODEL SATELLITE
Fascinating, new book explains Astronomy in simple, easy to understand terms. Offers new world to explore and study. Illustrated instructions on building a model satellite, simple sextant, clinometer, sundial, planetarium. How to photograph star trails—tell time by the stars—find latitude and longitude. Discusses radio astronomy—navigation—calendar—weather—tides—etc. Also how and when the satellite may be seen. Profusely illustrated. 146 pages 5 1/2" x 8".

BK-1441 Net **.89**

Hobbyists- Students- Experimenters

30X, 60MM SPOTTING SCOPE



- BINOCULAR TYPE FOCUS
- PRISMATIC LENS SYSTEM

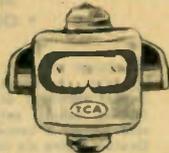
17.95

A prismatic telescope using the same fine features as expensive binoculars! Field of view is 85 feet at 1000 yds! Both front and rear optics are coated. High relative brilliance due to great 60mm objective lens. Exceptionally small and light — weighs only 1½ lbs. including metal tripod! The perfect companion for shooting — hunting — viewing — naturalists — and hobbyists. Comes equipped with 11½" tripod and mount and zippered leather carrying case for both scope and tripod. Shpg. wt., 2½ lbs.

F-149 Net 17.95

AUTO-BOAT COMPASS

- Cars-Boats-Trucks-Tractors
- Illuminated and Non-Illuminated

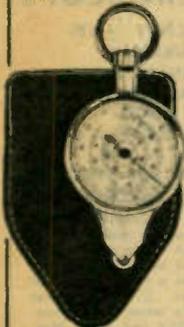


Mounts anywhere on cars-boats-trucks-tractors-motorcycles. Non-glare, universal mounting bracket. Most easily compensated compass available. Just a twist of the bottom or top knob. Extremely accurate. Constructed to withstand all driving shocks. Important to the daily driver. Invaluable for boats and tractors. 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

MAP MEASURER & COMPASS



- Not a gadget—but a real instrument.
- Measures distances on any size map.
- Measures curved or irregular shapes.

Exclusive at Lafayette! A map measurer with built-in compass! For the motorist — camper — hunter — boating enthusiast. An indispensable unit of equipment. Just trace along route on map and multiply miles—per inch factor by reading on dial. Also reads directly in inches up to 3". 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.

F-47 Net 1.59

POCKET GENERATOR FLASHLIGHT

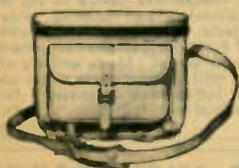
- NO BATTERIES — EVER!
- ALWAYS READY TO OPERATE!

The perfect pocket flashlight for home—car—or to carry with you. Plenty of bright light just by successive activation of generator lever. No batteries to corrode or go dead. Balanced flywheel generator for ease of operation. Only 2½" x 1" x 1½", slips easily into pocket or purse. Never wears out. Ideal for campers—tourists—motorists. Weighs only 6 ozs. Made in Germany.

F-169 Shpg. wt. 1 lb. NET 3.79



LEATHER GADGET BAG



ONLY
5.49

Genuine pigskin — not plastic. Full 10" x 8" x 4". Holds your camera and all accessories. 20" zipper top. Zipper pouch in lid holds filters, etc. Outside pouch with strap and buckle. All brass hardware. Loops and straps on bottom to hold tripod. Includes shoulder strap and pad. Shpg. wt. 1 lb.

F-320 Net 5.49

INDOOR-OUTDOOR THERMOMETER

- NEW LOW PRICE!

Tell inside and outside temperature — instantly — from the comfort of your room. Inside location — ideal for quick-easy reading. Dual tubes single scale fac. instant, visual comparison. Plastic case with modern tapered lines. 8" x 2½" 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 2.29



MARCHING COMPASS

ONLY 2.45

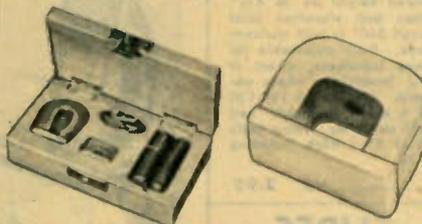


Made in Germany by the leading European compass manufacturers. Indispensable for campers, hikers, hunters, tourists, etc. Jeweled needle—luminous cardinal points—rotating twin

scale, 0-64 and 0-360—sighting line and mirror for accurate bearings—locking device—setting edge calibrated in millimetres — rugged, ebony finish case. Can also be used to measure the width of an objective. Complete with instructions.

F-115 Net 2.45

ALCOMAX MAGNETS



POWER MAGNET

- LIFTS 50 TIMES ITS OWN WEIGHT

Made of Alcomax—a material with 12 times the magnetic energy of tungsten steel. Designed for most efficient performance/weight ratio — will lift up to 50 times its own weight. Horseshoe shape with plated keeper. Ideal for such applications as magnetic clutch, lifting, work holding, etc. relays, etc. Size 1½"H x 1½"D x 1½"W. Distance between poles is ¾". Shpg. wt., ½ lb.

F-55 Net 2.60

POCKET MAGNET

An Alnico magnet useful for inspection of hardware to sort steel from brass, as a retriever of small parts. Highly efficient. Size 1"H x 1½" x 5/16"D. ¼" between poles. Shpg. wt., 3 oz. With plated keeper.

F-54 Net .45

LABORATORY SET

This set has been specially designed for schools, laboratories, and technicians, for testing and demonstrating the magnetic properties of permanent magnets. Fine hardwood case contains a pair of bar magnets 2"x½" diam., a horseshoe magnet 1½" high x 1-5/16" x ¾" deep with 5/16" spacing between poles, and a bridge magnet 7/16" high x 28/32" x 5/16" deep with ¼" space between poles. Shpg. wt., 1½ lbs.

F-58 Net 3.45

ATOMOTRON

- MINIATURE ATOM SMASHER
- PRODUCES 75,000 VOLTS
- ABSOLUTELY SAFE



In no sense of the word a toy or gadget. The ATOMOTRON is a scientific instrument capable of producing 75,000 volts—makes sparks up to 2" long—yet it 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. Constructed of the finest materials. Will do exactly—for instruction purposes—what generators that cost 3 to 10 times more will do. The perfect device to teach the secrets of atomic physics and electricity. 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. Available in kit form or assembled.

F-324 Kit form—Shpg. Wt. 3 lbs. Net 14.95

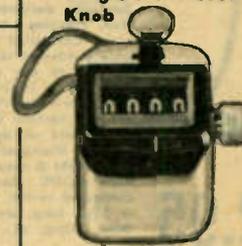
F-325 Assembled—Shpg. Wt. 4 lbs. Net 19.95

HAND TALLY REGISTER

- 4 Digit Capacity
- Counts 0-9999
- Single Turn Reset Knob

Registers 0 to 9999. Highly polished chromium plated brass case. Attached finger- 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 1-5/16" x 1½", permits concealed operation. Shpg. Wt. ½ lb.

F-48 Net 2.75

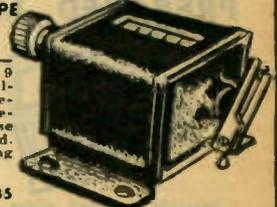


5 DIGIT COUNTER

- INDUSTRIAL TYPE
- 0-99999

Ruggedly made—small—accurate 0-99999 counter. Has flange drilled—ready to mount. Resets to "0" by turn of reset knob on side. Case is black crackle finished. Complete with spring and actuating arm. Shpg. wt., ½ lb.

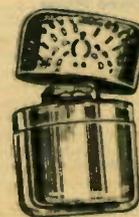
F-190 Net 4.35



POCKET WARMER

- Warmth for up to 24 hrs.
- With new-improved burner

Indispensable for outdoor activities on cold days. For hunters - fishermen - sports fans - skaters - skiers - golfers. Use lighter fluid - benzine - white gas as fuel. Safe - practical - cold weather sports accessory. Can not burn - or spill on clothing. Ideal for TV installation work in cold weather. Slim - attractive - pocket size. 4" x 2½" x 1½". Heavily chrome plated. Complete with velvet drawing cover and instructions. Shpg. wt. ½ lb.



F-188 Net 1.39



LAFAYETTE

MICRO-ENGINEERED

TESTED & SELECTED for... CONSISTENT QUALITY

IMPORTED MICRO-OPTICS

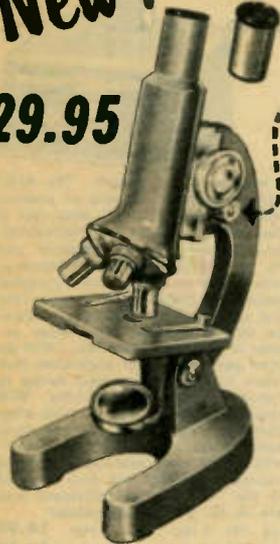
New!

800X "MICRO-SEARCH"

29.95

Laboratory Standard Microscope

- RECENTLY DEVELOPED DESIGN
- INFINITE MICRO-METRIC SLOW MOTION ADJUST
- HUYGENIAN EYEPIECES — ACHROMATIC OBJECTIVES
- 100X-160X-200X-320X-500X-800X



A truly fine dry system microscope, suitable for a wide range of laboratory-professional-and college use. Monocular tube of most recent, one-piece, design. Spiral rack and pinion focusing mechanism. Coaxial, dual knob, coarse adjustment. Infinite micro-metric, fine adjustment. "T" shaped, dove tailed, slide, of improved design-automatic stop prevents over-rise. Square stage, 70mm X 75mm, with click stop, substage, diaphragm. 30mm plano-concave reflex mirror. Paired, Huygens eyepieces of 10X and 16X. Three achromatic objectives of 10X, 20X and 50X. Refined, horseshoe design, base. Overall height 10". Gray satin finish, chrome trimmed. Dove tailed, fitted cabinet of selected oak with rubber bumper feet and carrying handle. Shpg. wt., 7 lbs.

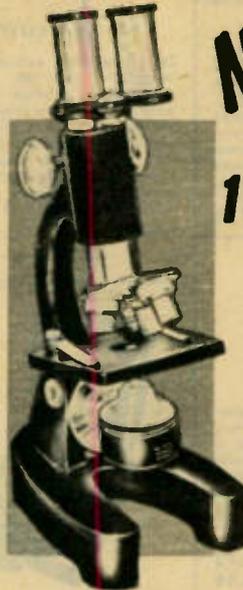
F-291 Net 29.95

New!

600X "BI-OCULAR" MICROSCOPE

10.95

- NEW—TWIN LENS "BI-OCULAR" TURRETI
- BUILT-IN SUB-STAGE MICRO-LITE!
- 600X—400X—300X—200X—120X—80X!
- ONLY AT LAFAYETTE!



The latest advance in Micro-Optic design. Free swinging, twin-lens, 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-Ocular" give six ranges of magnifications. You can swing instantly from 80X to 120X—or 200X to 300X—or 400X to 600X without resetting subject or microscope. "Micro-Lite", with automatic on-off switch, gives brilliant, color corrected, field of view. 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, 90° inclination joint. Includes dovetailed wooden carrying case and sample slides. Shpg. wt., 5 lbs. Less batteries.

F-270 Net 10.95

LAFAYETTE MICRO-LITE

- USE WITH ANY MICROSCOPE
- FURNISHES BRIGHT, EVEN LIGHT

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. Operate on 110-120 volts AC/DC. Lamp is easily replaced. Self contained switch, cord and plug. Lamp body is 3 1/2" long, stand is 5 1/2" high including base. Shpg. wt., 1 lb.

F-268 Net 2.95



2.95

500X "MICRO-LITE" MICROSCOPE

7.95

- 4 OBJECTIVE CLICK-STOP TURRETI
- EXCLUSIVELY LAFAYETTE'S AT THIS MICROSCOPIC PRICE!
- RANGES: 500X — 300X — 150X — 75X
- BUILT-IN SUB-STAGE ELECTRIC "MICRO-LITE"



Another fine optical value from Lafayette. Built-in battery operated, Micro-Lite makes micro-observation more convenient — less troublesome — than ever. Special, fluted bulb helps prevent color aberration and insures a brilliant field of view under any conditions. Click-stop turret holds 4 achromatic objective lenses giving magnification of 75X, 150X, 300X and 500X. Huygenian type ocular lens. Dual knob, rack and pinion focusing, 8 1/2" high overall. Professional type 90° inclination joint. Black satin and chrome finish. "Micro-Lite" has automatic switch — goes on when swung into position. Includes mirror for viewing by reflected light. Backed by Lafayette's famous "Money Back" Guarantee. Includes dovetailed, wooden carrying case and sample slides. Shpg. wt., 5 lbs. Less batteries.

F-269 Net 7.95
TYPE "Z" batteries (2 required).....Each .08

PREPARED MICROSCOPE SLIDES

- SPECIALLY SELECTED MICRO-SUBJECTS.
- ADD TO THE ENJOYMENT OF YOUR MICROSCOPE.
- PROFESSIONALLY PREPARED.



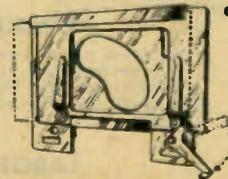
Specially selected slides of universal interest. Carefully prepared—cleaned, dissected, embalmed, stained, mounted and covered. Slides are professional size. Set includes 12 prepared slides and slotted, covered box for filling and storing.

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, Plantton.....	Net 1.59
F-134—Micro-Animals.....	Net 1.29
F-135—Micro-Organisms.....	Net 1.29
*F-136—Substance of Cells.....	Net .89
F-261—Textile Fibres.....	Net 1.29
F-262—Starch Grains—silver stained.....	Net 1.29
F-263—Structure of Leaves.....	Net 1.29
F-264—Plant Reproduction.....	Net 1.89
F-265—Anatomical Tissues.....	Net 2.79
F-266—Honey Bee Organs.....	Net 1.39
F-267—Disease Germs—silver stained.....	Net 1.79

*—Set of 6 slides.

MECHANICAL SLIDE HOLDER

- CENTERS SUBJECT MECHANICALLY.



An ingenious, inexpensive device to aid in centering—positioning—and shifting slide mounted subjects. Designed to work with our F-269 and F-270 microscopes—or others having no larger stages. Made entirely of plated brass. Will accommodate slides up to 1 1/2". An indispensable accessory for the careful study of mounted micro-subjects.

F-122 Net 1.50

HUNTING WITH THE MICROSCOPE

- NEW EDITION



Guide for beginners and advanced users of microscopes. How the microscope works. How to prepare and study cultures — set up a microscopic zoo and garden — grow micro organism — perform micro surgery. Profusely illustrated with photographs and drawings, 14 chapters of easy-to-read, highly informative text.

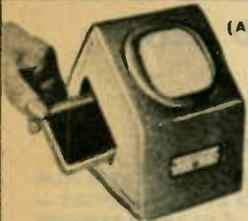
BK-1440 1-136 pages 5 1/2"x8" Net .89



Lafayette CAMERA DIVISION

WE INVITE COMPARISON! WE DEFY COMPETITION!!!

ALL MERCHANDISE SOLD ON A MONEY
BACK GUARANTEE—YOU BE THE JUDGE.



(A)

ELECTRIC SLIDE VIEWER (A)
• For all size slides—from 35mm to 2 1/4 x 2 3/4.
Makes slide viewing a pleasure! Versatile built in adaptor centers all slides for correct magnification. Transparencies are brilliantly 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—finished in platinum grey enamel. Shpg. wt. 2 lbs.
F-26 Net 3.75



(B)

LOW COST TRIPOD (B)
• Regular \$6.95 Value
• Lightweight - Low Cost - Sturdy!
Five section sturdy brass tripod. Extends to 45" — telescopes down to 12 1/2". Weighs a scant 16 oz. Chrome trimmed — head has tension adjust screws for each leg. Fits all tripod sockets. Positive lock-in action. A "must" to take the "jiggle" out of those special shots. Shpg. wt. 2 lbs.
F-214 Net 3.69



(D)

(G)



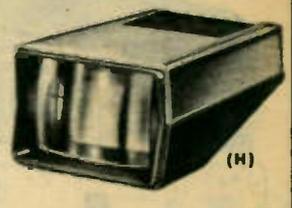
(E)

POCKET TRIPOD (C)
• Weights Only 10 Oz. 1 Only 9" Collapsed!
Automatic stop in head prevents over-spread. Use with American or foreign cameras by means of a reversible screw. Dural alloy for strength and lightweight. Positive locking action on each section — can't slide in or out! Rubber tipped feet — black ribbed covering. Extends to 45". Shpg. wt., 1 1/2 lbs.
F-219 Net 7.60



(F)

PANHEAD (E)
• Pan Tilt With A Single Motion!
Sturdy brass construction — high polished chrome finish. Camera retaining screw rotates — makes turning camera unnecessary. Weighs only 4 oz. Handle is detachable for compactness. Twist of handle locks both pan and tilt. Pans 260° tilts approx. 145°. Shpg. wt., 8 oz.
F-215 Net 1.66



(H)

CLAMP OD (D)
• Makes Any Surface A Tripod!
Fastens securely to any surface up to 1 1/2" thick. Extra screw for fastening to trees — fences — etc., that are too large for clamp. Head revolves and tilts in all directions. Tripod sockets permits use as tilt top on standard tripod. Weighs a scant 6 ozs. Slips into pocket. Eliminates need for tripod in many applications. Shpg. wt., 1/2 lb.
F-220 Net 3.29

35mm SLIDE FILE (G)
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. Metal handle and 2 snap catches. Finished in platinum grey enamel. Shpg. wt., 3 lbs.
F-161 Net 1.69

TELE-VUE 35mm VIEWER (H)
• Self Illuminating
Accommodates all 2" x 2" or Bantam slides. Zooms in and out for "wide angle" or "telephoto" effect. Battery operated — pocket sized. Crown glass lens optical system for clear-sharp — distortion free viewing. Designed for easier handling. Extra large lens for group viewing. Shpg. wt., 1 lb. F-273 Net 4.80

TILT-TOP (F)
Precision made—all brass—heavily chrome plated. All-angle "Tilt-Top" fits German and American Tripods and Cameras. Positive locking action at every possible angle. Inexpensive — Indispensable accessory. Shpg. wt., 8 ozs.
F-160 Net 1.39

LAFAYETTE PRECISION MOVIE LENSES

Fastest! Finest! Lowest Prices!

for
TELEPHOTO
shots

for
W-I-D-E
angle



Matched
sets

- 1 1/2" f1.4 Telephoto
- 1 1/2" f1.9 Telephoto
- 13mm f1.2 normal lens
- 6.5mm f1.4 wide angle
- 6.5mm f1.9 wide angle
- Matched Sets

Lafayette — and only Lafayette — has these lenses at prices never before possible! Now you can add that distant scene — those exciting close ups. Add unlimited versatility to your movie camera. The finest coated optics are used throughout — fully color corrected. Fit all 8mm camera with standard D mount such as Kodak, Keystone, Revere, DeJure, Bolex HB, etc. Satin chrome finish. Removable lens hoods. Accept standard filters. Individual lenses complete with leather cases. Sets are packed in jewel type presentation in case. Complete with lens caps.

1 1/2" f1.4 Telephoto: Fastest available lens for 8mm. Exceptional speed — extreme sharpness. Focuses 3 1/2 ft. to infinity. Click stops f1.4 to f16. 3x magnification. 5 element lens. Focusing mount. Shipping weight, 1 lb.

F-299 List 44.95 Net 18.95

6.5mm f1.4 Wide Angle: Extreme wide angle. Covers 4X area of normal lens. Extremely fast — for poorest light conditions. Click stops f1.4 to f16.8 element retrofocus formula. Fixed focus for universal focusing. Shpg. wt., 1 lb

F-300 List 49.95 Net 24.50

13mm f1.2 Normal: Extremely high speed normal. Permits close-up at wide aperture. Use under lighting conditions impossible for average lenses. Click stops f1.2 to f16. Focuses 1' to infinity. Helical focusing mount. Shpg. wt., 1 lb.

F-301 List 52.50 Net 25.50

1 1/2" f1.9 Telephoto: Fast, sharp, fully coated. Click stops f1.9 to f16. Focuses 3.5 ft. to infinity. 3x magnification. 5 element systems Focusing mount. Shpg. wt., 1 lb.

F-302 List 38.95 Net 14.95

6.5mm f1.9 Wide Angle: Covers 4x area of normal lens. 8 element retrofocus formula. Fixed focus for universal focusing. Click stops f1.9 to f16. Shpg. wt., 1 lb.

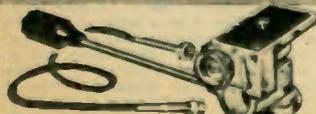
F-303 List 39.95 Net 16.95

f1.4 Matched Set: The finest available. Both f1.4 Telephoto and f1.4 Wide Angle in a deluxe, jewel type, presentation case. Shpg. wt., 2 lbs.

F-304 List 89.95 Net 39.50

f1.9 Matched Set: The "Best Buy" possible for the movie camera fan! Both f1.9 Telephoto and f1.9 Wide Angle in deluxe, jewel type presentation case. Shpg. wt., 2 lbs.

F-305 List 75.50 Net 26.95



NEW PANHEAD SELFTIMER

• The latest in camera "gadgets":

Brand new design — universal panhead and selftimer combination unit. Use with any camera having tripod socket and cable release socket. Panhead tilts and pans with one motion. Pans 360° — tilts 180°. Heavily chromed — large platform. Timer operates cable for motionless shots. Removable handle to save space. Makes any tripod a truly universal accessory. Includes 16" cable release and spare Lieco type fitting. Shpg. wt., 2 lbs.

F-306 Net 3.95

Lafayette's PROFESSIONAL FLASH GUN

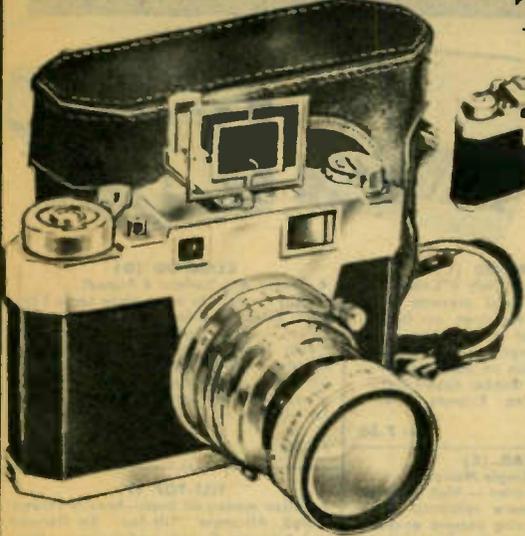
Exceptionally fine flash gun. Designed for use with twin-reflex cameras — equally useful with any synchronized camera. Extra sturdy battery case of chrome plated brass. 5 1/2" heavily chromed reflector takes either bayonet base or screw base without adaptors. Bulbs lock in firmly — eject surely. Has extension socket — test switch — on/off switch for conserving batteries. Extra heavy bracket and 3" x 3 1/2" platform holds all cameras firmly. Uses 2 "C" (28) batteries or B-C pack such as Mallory PX-10. Gun may be removed from bracket and hand held for "bounce-flash". Includes detachable cord — mounting bracket — test bulb. Shpg. wt., 2 1/2 lbs.

F-275 Net 5.95



LAFAYETTE CAMERA DIVISION presents the TARON PHOTOGRAPHIC SYSTEM Versatility at Low Cost!

TARON 'RANGEFINDER 35'



- 5 ELEMENT F2.8 COATED LENS!
 - COUPLED RANGEFINDER
- only **37.50** less case

- ✓ BRILLIANT COMBINED VIEW-RANGE FINDER! ✓ SINGLE STROKE RAPID FILM TRANSPORT! ✓ NINE SHUTTER SPEEDS TO 1/300!
- ✓ MXF SYNC-ALL SPEEDS — ALL BULBS — PLUS STROBE!
- ✓ F2.8 45mm COATED LENS! ✓ HI-SPEED REWIND!
- ✓ STANDARD PC FLASH TERMINAL! ✓ DOUBLE EXPOSURE PREVENTION!
- ✓ BUILT-IN SELF TIMER!

Lafayette's outstanding camera value! Precision-made to order for the camera fan who is a wise buyer. Check the features — then compare Lafayette's price with any other brand. Fast F2.8 coated anastigmat lens and extra-wide lens aperture for brilliant, sharper full color or black and white even in poor light. Sight and focus through combined range-view finder. Fully synchronized at all speeds for class F, M and electronic flash. Speeds from 1 sec to 1/300th. Rapid advance sets shutter, counts exposure and transports film. Built-in delayed action timer — automatic exposure counter and film stop. Hi-speed rewind with folding lever. Standard accessory shoe on top-film type indicator. All metal body with brushed chrome trim-black leatherette covering. 20 or 36 exposures on black and white or color 35mm film. PG flash terminal. Shpg. wt. 3 lbs. Use series 6 accessories. Auxiliary lens pictured not included.

F-196 Net **37.50**
 F-397 Leather Eveready Case. Shpg. wt. 1/2 lb. Net **3.95**
 Three piece outfit — camera above — Eveready case — and folding BC flash gun. Shpg. wt. 4 1/2 lbs. F-198 Net **44.95**

NEW TARON AUXILIARY LENSES

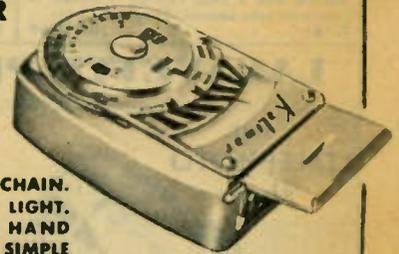


- TELEPHOTO — TWICE AS CLOSE!
- WIDE ANGLE — 75% MORE AREA!
- CLOSE UP — DOWN TO 6 1/2"!

Telephoto shots — wide angle shots or extreme close ups. Easy as 1-2-3 with the new Taron auxiliary lenses. Each lens is hard coated for maximum light transmission. Prefocused and color corrected. No increase in exposure setting is necessary. Wide angle and telephoto lenses screw into lens mount. Bring your subject twice as close with the Taron Telephoto — odd 75% more area with the Taron Wide-angle. Indispensable for panoramic shots. Close up lens kit consists of +1, +2, and +3 Proxar lenses — allows focusing down to 6 1/2" for amazing close-up results. All Taron auxiliary lenses are supplied in cowhide cases. Use with any color or black and white film. The close up lenses require an adapter ring for mounting on your camera. Shpg. wt. of each auxiliary lens approx. 6 ozs.

F-292 — AUX. TELEPHOTO LENS Net **9.90**
 F-293 — AUX. WIDE ANGLE LENS Net **9.90**
 F-294 — VIEW UP SET Net **8.91**
 F-297 — CLOSE FINDER FOR TELEPHOTO AND W-A LENS Net **1.69**
 F-314 — ADAPTER RING FOR CLOSE UP Net **1.95**
PACKAGE DEAL: One each of the auxiliary lens, close up set, adapter, and view finder. Shpg. wt., 1 1/2 lbs.
 F-298 Net **29.95**

NEW BOOSTER EXPOSURE METER



- COMPLETE WITH "64x" BOOSTER CELL-MATCHED LEATHER CASES — NECK CHAIN.
- REFLECTED AND INCIDENT LIGHT. QUICK ACCURATE ONE HAND OPERATION. VERSATILE — SIMPLE — DIRECT READING.
- ASA FILM INDEX RATINGS FROM 3 TO 3200.

Shutter speeds 60 seconds to 1/1000th sec. Lens apertures from F:1 to F-32. Polaroid exposure numbers, 1-9. Direct light value scale (LVS) reading 1-18. Movie camera, frames/second: 8-64. Reflected and incident light measuring methods. Booster cell increases low light sensitivity for extremely low light readings. Complete with incident light attachments — booster cell — matched leather cases — meter chain. Shpg. wt., 1 lb.

F-296 Net **9.95**



TARON FOLDING BC FLASH GUN



- FOLDS LIKE A FAN TO 4" x 2"!
- EFFICIENT B-C OPERATION!

Brand new — unique — pocket size — completely folding flash unit at Lafayette's famous low-cost! Efficient 4 1/2" diameter metal reflector has pebbled finish to eliminate hot spots. B-C combination for surefire and hi voltage. Heavy molded battery case with built in test lamp — bulb socket — extension socket. Standard shoe with pressure adjust fit accessory clips. Uses standard bayonet base flash bulbs. Novel, useful exposure guide built in on rear of case. Complete with cord for PC fitting and condenser. Shpg. wt. 1 lb.

F-209 Complete with case. Net **3.99**

TARON PAN-HEAD TRIPOD

- LIGHTWEIGHT — STURDY — LOW COST

Five section, chrome plated, brass tripod. Extends to 45" telescopes down to 12 1/2". Weighs only 20 ozs. Tension adjust screws for each leg. Camera retaining screw on pan-head rotates — makes turning camera unnecessary. Pans and tilts with a single motion. Handle is detachable. Pans 360° — tilts 145°. A "must" to take the "jiggle" out of those special shots. Shpg. wt., 2 1/2 lbs.

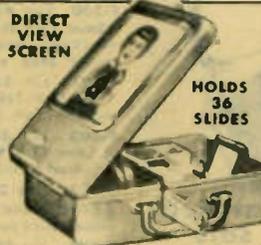
F-295 Net **4.99**

PORTABLE 35 MM TABLE VIEWER & PROJECTOR

49.50 VALUE!

SPECIAL ONLY

23.50



HOLDS 36 SLIDES

FAST SLIDE CHANGE LEVER

CLOSED

FOR PROJECTION

F3.5 Lens Projects Color Slides — Sharp Brilliance
 Here is a lightweight and compact 35 MM viewer that compares with models selling for more than twice the price! Precision made... simple, fool-proof construction. Use it as a table viewer with the self-contained 5 1/2" square ground glass screen, or project your slides on a light-colored wall or projection screen and enjoy a 10 sq. ft. picture with the same sharp focus. Magazine holds 36 slides that change with the flick of a lever. Compact steel case with carrying handle measures only 10" x 7" x 3 1/2" deep. Supplied complete with standard 100-watt projection bulb, F3.5 lens, projection mirror, view screen, on-off switch, line card and instructions. For 105-115 V. AC operation.

F-276 — Shpg. wt., 5 lbs. Net **23.50**

Lafayette's FOTO-SHOP SPECIALS

TWIN-LENS FOCUSING REFLEX CAMERA

LATEST MODEL! — LOWEST PRICE!

TWO F3.5/80 HARD COATED LENSES—FLASH SYNCHRONIZED SHUTTER!
 • 9 SPEEDS: to 1/300 SEC.1 • ACCEPTS 120 ROLL FILM!

• FINGERTIP FOCUSING!
 • DOUBLE EXPOSURE PREVENTION!

An outstanding-precision made reflex camera for brilliant color or black and white! Shutter speeds of 1/300, 1/100, 1/50, 1/25, 1/10, 1/5, 1/2, 1 sec. and Bulb. 12 large 2 1/4" x 2 1/2" prints on 120 roll film. Built in flash synchronization — PC terminal. Precision coupled focusing—never an out of focus picture. Brilliant ground glass viewfinder magnifier for close-ups and copying. Fast, highly corrected F3.5/80 coated lenses give superb definition. One flip erects or shuts hood — with built in sports finder. Lens opening F3.5 to F22. Has etched depth of field and distance scale easily visible from above. Standard cable release socket. Rugged all metal covered body has tripod socket. Focuses from 3 1/2 feet to infinity. The genuine leather Eveready case includes both and shoulder straps. Built in strap guider on camera for suspending when not in case. Of course Lafayette's usual "Satisfaction — or your money back" guarantee applies to this fabulous value tool. Lens mount is 36 mm. Lens Case. Shpg. wt. 4 lbs.

F-205 Net 19.49

F-206 — Leather Eveready Case Net 3.95

Three Piece Outfit—camera above—

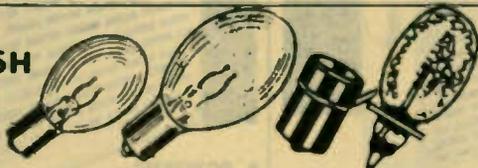
Leather Eveready Case Folding BC Flash Gun

F-207 Net 26.39



19.49

AMPLEX PHOTOFLASH FLASH BULBS



- NEW PF-1 — THE ULTIMATE IN LOW COST FLASH BULBS
- LOWEST PRICES—HIGHEST QUALITY GUARANTEED FOR PERFORMANCE
- "MY-T-MYTE" AND "SYNCHRO SURE" PHOTOFLASH BULBS

Lamp Type	Class	Pkg. Quan.	Per Pkg.	Each Pkg., In Lots of 3	Each Pkg., In Lots of 6	Com-parable Lamp Type
PF 1	M	8	.49	.46	.44	M2
PF 2*	M	12	.89	.85	.81	
SM	F	10	1.19	1.13	1.05	SF
5	M	8	.84	.78	.74	Press L5
5B**	M	8	1.01	.96	.91	25 B
6	FP	10	1.19	1.13	1.05	FP-26

Adapter For PF-115

*Super Midget—no Adapter needed.
 **For use with daylight color film without filters.

UNIVERSAL PHOTO GUIDES The Best in Photography Books ... for the Amateur and the Professional



Color Photography Techniques:

Concise authoritative-clear. Covers every phase from buying the film — through exposures — to processing and making prints. Techniques and concepts explained step-by-step. Practical working procedure. Many photos—diagrams—and tables. Complete data and techniques for the different color films and processes.

BK-1430 Net 1.95

Guide to Perfect Exposure: Step-by-step instructions for making perfect exposures every time with color — black and white and movie film. Concise — simple form. Covers every basic indoor and outdoor lighting condition. How to estimate exposure — use exposure meters — with flash bulbs — electronic flash — filters — etc. Guide to buying and rating exposure meters.

BK-1431 Net 1.95

Flash for Better Photography: Helps you get better pictures with flash and speed light. Clearly explains all techniques — bounce flash — multiple flash — on and off camera — etc. Information on equipment, flashbulbs, batteries, BC units, slave units, etc. Complete coverage of speed light equipment. 15 reference tables. Indoor flash — outdoor flash — night flash — flash with color — etc.

BK-1432 Net 1.95

Available Light Photography: Crystal clear explanation of available light techniques. Explains and illustrates a variety of subjects under every available light situation. Explains basic techniques — cameras and films — developing and printing. Procedures for indoor and outdoor pictures.

BK-1433 Net 1.95

The Amateur's 8mm Movie Guide: A one book, complete, 8mm guide. Explains and illustrates how to make good movies easily. Illustrates equipment, techniques and creative aspects. Details on buying and using cameras, lenses, projectors, filters, editors, etc. Shooting essentials — pans and tilts — camera angles — long, medium and close-up shots — movement continuity — etc. A must for all amateur movie makers.

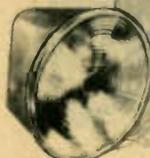
BK-1434 Net 1.95

ELECTRONIC STROBE FLASH

- LIFETIME FLASH TUBE!
- NO DUDS—NO MISSES! EVERY TIME!
- COMPACT—ONE PIECE—AC UNIT!
- SUPER-FLASH STOPS FAST ACTION

TUBE GUARANTEED FOR LIFE!

19.95



Get brilliant Color — sparkling Black and White pictures — every time — with no flash bulb bills! Thousands and thousands of flashes — recycles in 5 seconds! Compact — lightweight — less than many battery units. Fits any camera having standard tripod socket. Supplied with PC cord tip.

F-211 In lots of 3, each 19.95

Singly, each 21.95

F-213 — ASA Adaptor tip — In lots of 3, Each29

Singly, each35

PORTABLE POWER PACK

Have the advantage of AC operation and complete portability! The Power Pack — using low cost, lightweight flashlight batteries permits flash picture taking anywhere — any time — when used in conjunction with Electronic Strobe Flash F211. Uses four #2 batteries.

Shpg. wt., 1 1/2 lbs. Less batteries.

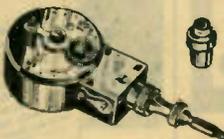
F-212 — In lots of 3, each 13.75

Singly, each 15.00

BATTERIES FOR POWER PACK

Burgess #2 or RCA VS036 Net Each .13

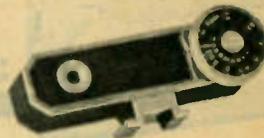
15 Second Self Timer



The most popular of all self timers — at Lafayette's popular prices! Fits directly in the cable release of all cameras and also has special adapter for Leica-type release sockets. Plunger length adjustable to protect shutter mechanism. Automatically retracts after picture has been taken — permitting film advance and shutter operation without removal. May be set for 15 seconds or less. Extremely compact. Beautiful chrome finish. Individually boxed

F-25 Net 1.98

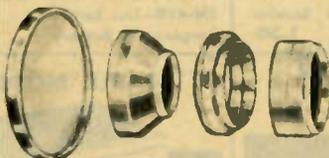
IMPORTED RANGE FINDER



Precision built — accurate — for all cameras. Focus by superimposed image in clear brilliant finder. Dial measures from 2 feet to infinity. Has standard "foot" to fit accessory shoe on most cameras. Outside adjustment screw allows resetting for continuous accuracy. Shock proof, non-corroding metal housing. Simple-to-use single knob focusing. Only 2 1/2" x 3/4" x 3/4" for pocket or gadget bag. With leather case. Shpg. Wt. 12 oz.

F-23 Net 2.49

FAMOUS MAKE LENS ACCESSORIES FILTERS



"A" for using indoor color film outdoors.
 "F" for using new type "F" Ektachrome indoor film outdoors. "Skylight" (haze) use with color film to reduce haze. "K2" for contrast — cloud effect.
 "BOC" for daylight color film indoors with clear flash.

F233 "A" Series 4	Net 1.53
F234 "A" Series 5	1.80
F235 "A" Series 6	2.25
F236 "F" Series 4	1.53
F237 "F" Series 5	1.80
F238 "F" Series 6	2.25
F239 "Skylight" (Haze) Series 4	1.53
F240 "Skylight" (Haze) Series 5	1.80
F241 "Skylight" (Haze) Series 6	2.25
F242 "K2" Series 4	1.53
F243 "K2" Series 5	1.80
F244 "K2" Series 6	2.25
F-308 80 C Series 4	1.53
F-309 80 C Series 5	1.80
F-310 80 C Series 6	2.25

PATENTED ADAPTER RINGS

Permits use of any lens accessory in same series. Fits all standard cameras. RANGE B — for lens mounts from 23 to 30.5 mm — Series 5 accessories.

F-225 Net 1.22

Range C — for lens mounts from 31 to 36 mm — Series 5 accessories.

F-226 Net 1.22

Range D — for lens mounts from 36 to 42 mm — Series 6 accessories.

F-227 Net 1.67

CLOSE-UP LENS

No. +1 for 18" to 38" away, +2 for subjects 12" to 19" away.

F-229 — +1 for Series 5 Net 2.25

F-230 — +1 for Series 6 Net 2.70

F-231 — +2 for Series 5 Net 2.25

F-232 — +2 for Series 6 Net 2.70

LENS HOODS

Acts as sunshade — reduce glare. Net

F-245 Series 4 1.44

F-246 Series 5 1.71

F-247 Series 5-A for Min Cameras 1.71

F-248 Series 6 1.98

POLARI-VUE SCREEN



Most effective polarizing screen and view combination. You see the exact polarizations needed for your pictures. Controls reflections from surfaces such as glass, water, wood, etc. Yields spectacular sky effects. Use for fade in—fade out—top dissolves. Threaded front and back for use with additional accessories. Supplied with pouch and complete instructions.

F-311 Series 4 Net 6.44

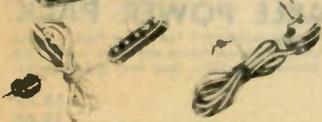
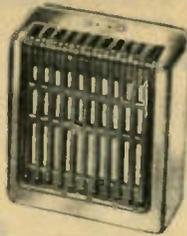
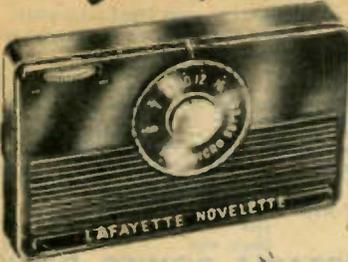
F-312 Series 5 Net 7.27

F-313 Series 6 Net 8.06

AND DON'T FORGET LAFAYETTE'S MONEY BACK GUARANTEE

Lafayette LEAD Values IN RADIO SETS

THE LAFAYETTE NOVELETTE *The First Really New Idea In Pocket Radios In Twenty Years.*



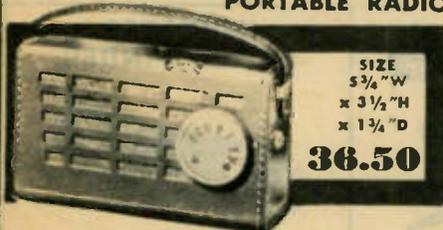
17.95

- **POCKET SIZE:** The set measures only 5 1/2" L x 3 1/2" H x 1 1/2" D.
- **SEPARATE SPEAKER:** Superb tone quality. Case measures 2 3/8" W x 3" H x 1 3/8" D.
- **BEAUTIFULLY STYLED:** Handsome maroon plastic case with clear lucite dial with silver lettering

The Lafayette Novelette is the finest handiest little portable set you can buy. Because the speaker is in its own properly baffled case free from the space limitations of self-contained speakers, the tone quality is superb. A 3 1/2 ft. extension cord enables the speaker to be placed conveniently wherever desired so all can hear. When you want to listen "silently" without disturbing anyone else, you simply plug in the personal earpiece in place of the speaker. It is therefore ideal for both home use or to take with you on picnics, camping, or wherever you go. It slips right into your pocket. The circuit is very selective, sensitive, and powerful using 4 tubes with built-in antenna. The Novelette comes complete with tubes, speaker and earpiece. Less batteries. Shpg. wt. 3 lbs.

FS-100 — LAFAYETTE NOVELETTE (less batteries) Net 17.95
 Requires 1 — Burgess U30 Net 1.75
 Requires 1 — Burgess #1 Net .10

NEW "5 in 1" ALL TRANSISTOR PORTABLE RADIO



SIZE
5 3/4" W
x 3 1/2" H
x 1 1/4" D
36.50

IT'S A POWERFUL POCKET RADIO, HEARING AID PRIVATE LISTENING RECEIVER, BABY-SITTER-INTERCOM AND AMPLIFIER FOR REMOTE RECEPTION.

A new transistorized miniature high power pocket portable with good sensitivity and tone quality. A single, extra long life, low cost battery powers the unit for approximately 6 months. Converted to a sensitive hearing aid by a flip of a switch and plug-in of earphone. The earphone also converts the receiver to a sensitive personal radio for individual listening. By plugging in a remote speaker, the unit becomes an intercom baby sitter or sickroom calling device. The plug-in speaker can also be utilized for additional volume for radio reception at any remote point. Has built-in loop antenna and ferrite tuned IF transformer. Genuine leather case and carrying handle. Shpg. wt., 1 lb.

IN-458—Less Battery and Earphone Net 36.50
 MS-366—Sensitive Matching Earphone Net 1.29
 Burgess 2N6 or RCA VS305 Battery for Receiver
 Net 1.30

4 TRANSISTOR PORTABLE SUPERHET RADIO



26.95

- 3 TUNED IF STAGES
- FULLY AUTOMATIC VOLUME CONTROL
- POWERFUL ALNICO 5 SPEAKER
- FERRITE LOOP ANTENNA

A transistorized portable superhet utilizing 4 triode transistors plus diode and trouble-free printed circuitry. Full broadcast coverage 540-1620 KC with ferrite loop antenna insuring high sensitivity. Output transformer coupled to Alnico 5 PM speaker with excellent tone quality and power. Scuff-proof Texon case in simulated cowhide. Size 6 1/4" W x 5" H x 2 1/4" D. Weight with battery less than 3 lbs. Shpg. wt., 4 lbs.

IN-459—Less Battery Net 26.95
 Burgess M6 Battery Net 1.05

6 TRANSISTOR SUPERHET RADIO



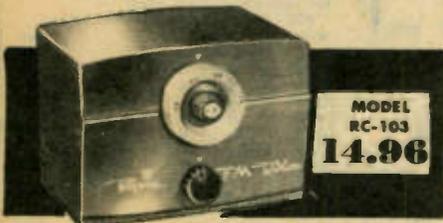
32.50

- POWERFUL 4" ALNICO 5 SPEAKER
- LOW BATTERY DRAIN
- 3 TUNED IF STAGES
- PUSH-PULL 300 MW OUTPUT

An all-transistor portable radio having hi-gain super-sensitive reception. A class B push-pull output stage supplies abundant power to the 4" Alnico speaker. The superhet circuit features 6 transistors and a diode, fully automatic volume control, trouble-free printed circuit, and ferrite loop antenna. Exceptional sensitivity, selectivity and interference rejection is achieved by the 3 stages of IF amplification. Weight with batteries less than 3 1/2 lbs. Scuff-proof Texon case in British Tan. Size 9 1/4" W x 6 1/4" H x 3 1/4" D. Shpg. wt., 5 lbs.

IN-684—Less Battery Net 32.50
 Burgess D6 or RCA VS306 Battery Net 1.16

REGENCY FM TELEVERTER



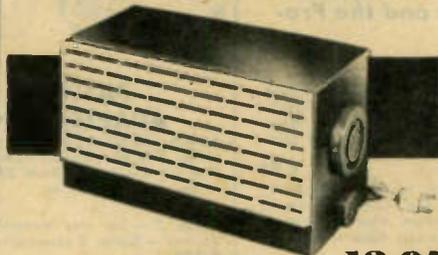
MODEL
RC-103
14.96

- MAKES ANY TV SET AN FM RECEIVER
- COMPLETELY TRANSISTORIZED
- SIMPLY INSTALLED BY ANYONE

The Regency Model RC-103 TeleVertter makes any TV set an FM receiver at the flip of a switch, yet does not interfere with normal TV reception. Utilizes the TV audio system and large speaker baffle to produce tone quality far superior to small table model FM receivers. Completely transistorized, its power source is 3 tiny penlight batteries with current drain so low (300 µA) that battery life expectancy approaches shelf life. Simply installed by anyone in 5 minutes—the only connections necessary are to TV set antenna terminals and antenna. Meets FCC radiation requirements. Large easy-to-read dial and planetary drive make fine tuning easy and razor sharp. Housed in attractive 4 1/2" x 6" x 4 1/2" plastic cabinet. Shpg. wt., 5 lbs.

Regency RC-103—FM TELEVERTER Net 14.96

TABLE MODEL SUPERHET



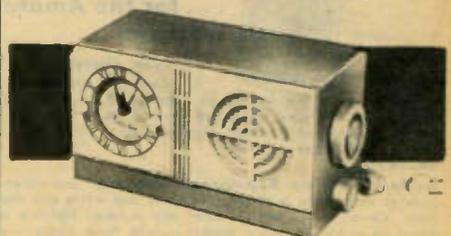
13.95

- AC-DC SUPERHET CIRCUIT
- POWERFUL ALNICO 5 SPEAKER
- BUILT-IN LOOP ANTENNA
- HANDSOME BAKELITE CABINET

Handsome compact table model distinguished for its unusual styling and performance. Latest AC-DC 5-tube superhet circuit provides surprising sensitivity and selectivity, with built-in antenna for strong reception anywhere. Complete broadcast band coverage from 550 to 1700 KC with excellent clear tone qualities on all stations. Civilian Defense Control frequencies clearly indicated. Refreshingly styled in attractively colored bakelite cabinet with ivory trim. For 110 volts AC or DC. Size 8 1/2" x 5 1/4" x 4 1/2". Shpg. wt., 5 lbs.

IN-591 Net 13.95

DELUXE CLOCK RADIO



19.95

- SELF-STARTING CLOCK
- SWEEP SECOND HAND
- 5 TUBE SUPERHET CIRCUIT

An incomparable clock-radio value. Self-starting clock has sweep-second hand. Turns radio on automatically, also has buzzer which sounds if you doze off again. All clock knobs are conveniently located on the front of the timer with Alarm set, Time set, and Radio "on-off" switches clearly indicated. Outlet provided for turning on appliances at pre-set time. Superior quality 5 tube superheterodyne receiver, brings in signals sharp and clear. Beautifully styled in attractive colors. Size 8 1/2" x 5 1/4" x 4 1/2". For 110-120 Volt 50-60 cycle AC only. Shpg. wt., 5 lbs.

IN-592 Net 19.95

Modern Styling **LAFAYETTE** Budget Priced PHONOGRAPHS

4-SPEED PORTABLE PHONOGRAPH



With this portable phonograph you can play any record up to 12" size at 33 1/3, 45 or 78 rpm, or at the new "Talking Book" speed of 16-2/3 rpm. A single lever selects any speed. The lightweight pickup arm is equipped with a single all-purpose needle, for all records. A special hub, for 45 rpm records, is provided; the hub retracts below the turntable level when other records are played. Volume control, with on-off switch. Fine quality Alnico 5 pm speaker. Attractive 2-tone leatherette-covered case. For 117 volts, 60 cps AC. Dimensions 12 1/2" x 10 1/4" x 5 1/4". Shpg. wt., 9 lbs.

PH-60 Net 15.95

4-SPEED PORTABLE WITH TURNOVER CARTRIDGE



Extremely compact, light in weight. Turnover cartridge provides separate needles for microgroove (33-1/3, 45 or 16-2/3 rpm) and for standard 78 rpm records. A single lever control selects any speed. Precision, heavy-duty motor for constant speeds. Has quality 6" Alnico 5 pm speaker, separate volume and tone controls. Retractable 45 rpm spindle built in; player takes all record sizes up to 12". An excellent phonograph at an unusually low price. Covered in attractive Green Cobra and Ivory Tutone leatherette. For 117 volts, 60 cps AC. Dimensions 16" x 6 1/4" x 12". Shpg. wt., 12 lbs.

PH-61 Net 22.50

NEWEST LAFAYETTE HIGH-FIDELITY "STAR"

- GE Reluctance Triple Play Cartridge With 2 Sapphire Styli



- Dual Speakers: 6" x 9" Wide Range And 4" Tweeter

The famous Lafayette "Star" now incorporates an extended-range speaker system with 50 to 15,000 cps response. The 4-speed phonograph plays all record sizes up to 12" and has the famous GE variable reluctance "triple-play" cartridge with two sapphire-tipped needles. With retractable spindle for 45 rpm records. Separate bass and treble tone controls and volume control. The 2 speakers produce a real feeling of "presence." Non-slip rubber turntable mat. Size: 8 1/2" x 13" x 16". Covered in your choice of Ginger Congo or Gray Congo leatherette. For 117 volts, 60 cps AC. Shpg. wt., 14 lbs.

PH-62 Net 37.50

PORTABLE 45 RPM AUTOMATIC RECORD CHANGER



- PLAYS A STACK OF 14-45 RPM RECORDS AUTOMATICALLY

An attractively styled portable phonograph for all types of 45 RPM records. Self-contained powerful amplifier and Alnico V speaker. Automatically changes records; plays a full stack of 14 for up to 2 hours of continuous music. Has full range volume control. Wood case, with lock corner construction, is covered in charcoal stripe leatherette with ivory trim. Truly portable, only 8 1/2" x 10 1/4" x 7". Shpg. wt., 9 lbs.

PH-42 Net 26.95

DELUXE 4-SPEED AUTOMATIC CHANGER



- VM HIGH FIDELITY INTERMIX RECORD CHANGER
- TURNOVER CARTRIDGE

This deluxe 4-speed portable phonograph with VM automatic 4-speed changer will play at 16-2/3, 33-1/3, 45 and 78 rpm speeds. Automatic shut-off after last record. Powerful amplifier uses 2 tubes selenium rectifier. Feather-weight pickup features a dual reversible cartridge; each side has its own long-life needle. Separate volume and tone controls. 6" and 4" Alnico 5 pm speakers provide wide range frequency response with amazing "stereophonic" effect, making you feel as if actual orchestra or soloist are "present." Changer styled in Ivory and gold; quiet, smooth-operating mechanism good for years of trouble-free operation. Covered in Charcoal and Silver Tutone leatherette. For 117 volts, 60 cps AC. Size 16" x 8" x 14 1/2". Shpg. wt., 20 lbs.

PH-64 Net 47.50

HI-FIDELITY PORTABLE RECORD CHANGER

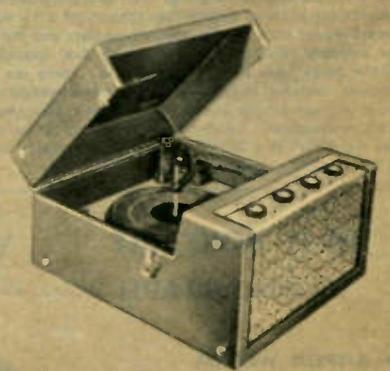


- GE TRIPLE-PLAY CARTRIDGE
- DUAL SPEAKERS

This portable phonograph contains the world-famous Collaro 4-speed automatic record changer, made in England. Powerful 4-pole motor; weighted turntable and featherweight tone arm; jam-proof, child-proof mechanism; automatic muting switch; and automatic intermixing of 10" and 12" records — are but a few of the outstanding features. Equipped with the GE "triple-play" high fidelity cartridge with dual sapphire styli. Incorporates a 6" x 9" Alnico 5 pm wide-range speaker and a 4" Alnico 5 pm high frequency speaker (tweeter) to provide a startling "presence" effect and a response of 50 to 15,000 cps. Separate bass and treble tone controls, volume control, negative feedback — all combine to provide an excellent high fidelity phonograph. Covered in your choice of Charcoal Cobra Grain with Ivory Congo or Ginger Congo and Ivory leatherette. For 117 volts, 60 cps AC. Sizes 20" x 13" x 9"; Shpg. wt., 25 lbs.

PH-63 Net 69.50

DELUXE HI-FI PORTABLE CHANGER



- GARRARD CHANGER • GE CARTRIDGE • 2 SPEAKERS
- PUSH-PULL AMPLIFIER

Lafayette's finest high-fidelity automatic portable. Incorporates the world-famous Garrard automatic record changer, imported from England. Equipped with GE "triple-play" magnetic cartridge with dual sapphire styli. The powerful push-pull amplifier has 4 tubes plus selenium rectifier; separate bass and treble tone controls; loudness control; and contour control. The combination of the last 2 controls provides extra boost of the extreme high and low ends of the audio spectrum to compensate for the characteristics of the human ear. 2 speakers, 8" and 4" Alnico 5 pm for 50 to 15,000 cps response with minimum distortion. Covered in your choice of Charcoal Congo with Ivory trim or Brown and Ivory leatherette. Size 20 1/2" x 13 1/2" x 8 1/4". For 117 volts, 60 cps AC. Shpg. wt., 25 lbs.

PH-65 Net 77.25

AND DON'T FORGET LAFAYETTE'S MONEY BACK GUARANTEE

Deluxe Hi-Fi Console Phonographs

HIGH FIDELITY CONSOLETTA

- COLLARO 4-SPEED RECORD CHANGER
 - TWO 8" COAXIAL SPEAKERS
 - 50-15,000 CYCLES
 - 5 WATT PUSH-PULL AMPLIFIER
- 99.50**

This smartly styled consolette is precision engineered for acoustics that give high fidelity reproduction in a cabinet that takes a minimum of space. The 5 watt push-pull printed circuit amplifier feeds two heavy duty 8" coaxial speakers (each speaker has a built in high frequency tweeter). The Collaro 4-speed record changer is equipped with a wide range high fidelity turnover cartridge with dual sapphire needles. Frequency response from 50-15,000 cycles. Terminals are provided for the addition of external speakers, should such be desired. Refreshingly modern styling which lends dignity to any decor. Beautiful cabinetry of quality construction throughout, with long delicately tapered legs having attractive brass ferrules. Fine furniture finish. Dimensions are 27" H x 22" W x 15" D. Shipping weight, 52 lbs.

PH-66—MahoganyNet **99.50**
 PH-67—Limed OakNet **99.50**

DELUXE HIGH FIDELITY CONSOLE

- 12 WATT AMPLIFIER
 - 20-20,000 CYCLES
 - JENSEN 12" COAXIAL SPEAKER
 - COLLARO 4-SPEED CHANGER
 - GE CARTRIDGE
- 139.50**

Superb styling designed to blend with either contemporary or traditional furniture, finished in genuine mahogany veneers. This hi-fi phono system has a powerful push-pull 12 watt amplifier with built in preamplifier. The 4-speed Collaro changer is equipped with the GE variable reluctance triple play cartridge with dual sapphire needles. The speaker is a Jensen Concert Master coaxial speaker consisting of a 12" woofer and high frequency tweeter. Separate bass and treble controls, plus a special Munsen circuit that governs automatic bass boost at low volume, assures you of proper tonal balance. Wide frequency range covers 20-20,000 cycles. Printed circuit construction insures trouble free operation. There is storage space for records and a receptacle for adding external speakers, if desired. Size 29" H x 26 1/2" W x 15 1/2" D. Shipping weight 65 lbs.

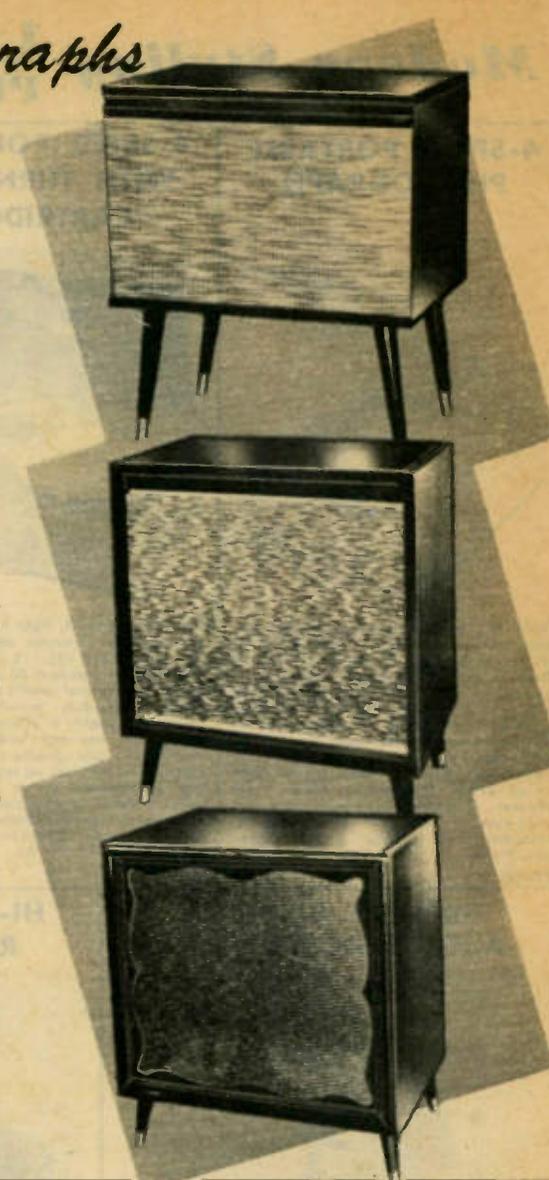
PH-68—MahoganyNet **139.50**
 PH-69—BlondeNet **139.50**

FRENCH PROVINCIAL DELUXE CONSOLE

- 15 WATT AMPLIFIER
 - 20-20,000 CYCLES
 - 2-12" JENSEN COAXIAL SPEAKERS
 - COLLARO 4-SPEED RECORD CHANGER
 - GE CARTRIDGE
- 199.50**

A custom crafted authentic French Provincial console that combines magnificent high fidelity performance with fine furniture styling. This gracefully proportioned cabinet is a masterpiece of fine cabinetry and encloses a phono system that consists of a 15 watt amplifier with built in preamp, two 12" Jensen Concert Master high fidelity coaxial speakers and the fine Collaro 4-speed record changer with GE triple play variable reluctance cartridge with dual sapphire needles. Frequency response covers the entire audible range from 20 to 20,000 cycles. There are separate extended range bass and treble controls. Technical features include push-pull amplification with negative feedback circuit and bass boost, special Munsen circuit governing automatic bass boost at low volume levels, and trouble-free printed circuit construction. Terminals are provided for external speakers if desired. Pilot light, etc. Dimensions are 30 1/4" H x 27 1/2" W x 18 1/2" D. Finely finished in fruitwood. Shipping weight 80 lbs.

PH-70—List Price 289.95.....Net **199.50**



HI-FI PORTABLE PHONOGRAPH

- 4-SPEED WEBCOR RECORD CHANGER
- 3-SPEAKER AUDIO SYSTEM
- STURDY COVERED WOOD CABINET

69.50

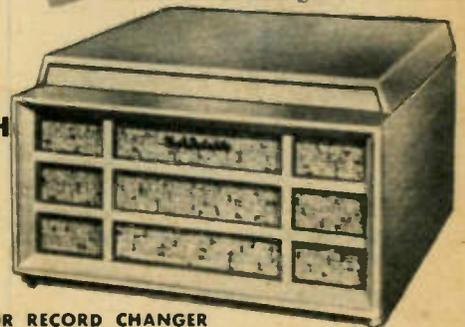


A fine hi-fi portable instrument with outstanding record playing features and performance to provide entertainment everywhere. Features a deluxe 4-speed Webcor automatic record changer. A 3-speaker system consisting of one 8" coaxial (1 woofer and 1 tweeter) plus one extra high frequency tweeter and crossover network and 2-watt hi-fi amplifier provide unusually fine tone quality with a frequency response of 50-15,000 cycles. All-wood carrying case handsomely styled with attractive two-tone color combination. Operates on 110-120 volts 60 cycle AC. Dimensions 15 1/2" x 19 1/8" x 9 3/4". Shipping weight, 28 lbs.

PH-71—List Price 99.95.....Net **69.50**

DELUXE TABLE MODEL PHONOGRAPH

- 3-SPEAKER AUDIO SYSTEM
 - SELECTED HARDWOOD CABINET
 - 4-SPEED WEBCOR RECORD CHANGER
 - AUTOMATIC AMPLIFIER AND CHANGER SHUTOFF
- 89.50**



As beautiful to look at as to listen to! Embodies both style and performance to provide excitingly realistic high fidelity. Employs a 4-speed deluxe Webcor automatic record changer with automatic shutoff after last record. The 3-speaker system includes 2 woofers, a high-frequency tweeter and crossover network. The 5 watt hi-fi push-pull amplifier utilizes a negative feedback circuit and has a frequency response of 50-15,000 cycles. Superbly finished cabinet of selected hardwoods. 20" brass legs are optional. Dimensions are 19 1/4" x 18 1/8" x 11 3/4". Shipping weight, 40 lbs.

PH-72—Mahogany List Price 119.95.....Net **89.50**

PH-73—Limed Oak List Price 119.95.....Net **95.50**

PH-74—Set of 4 20" Brass legs for above.....Net **5.60**

NEW!

Lafayette



DESIGNED BY
VICTOR BROCIER
One of America's
Outstanding Audio Engineers

70 WATTS OF POWER!

DELUXE BASIC AMPLIFIER

- **FREQUENCY RESPONSE—**
10-100,000 cps \pm 1 DB
- **MATCHED PAIR KT-88's IN OUTPUT**
- **FAMOUS CHICAGO WIDE RANGE
LINEAR OUTPUT AND POWER
TRANSFORMERS**
- **METERED BALANCE AND BIAS
ADJUST CONTROLS**
- **ULTRA STABLE**
- **VARIABLE DAMPING**
- **PRINTED CIRCUIT**

The cue to the quality of the Lafayette LA-70, high fidelity basic power amplifier may be found in the components used. Although we have designed and rated the amplifier as a 70 watt unit, we have used a matched pair of KT-88 tubes in push-pull. These tubes have a top rating of 100 watts. This kind of design engineering means you have a conservatively rated amplifier, instead of an unstable "sauced up" unit operating at the stretched-to-the-breaking point theoretical limits of the tubes. Both the wide range linear output transformer and power transformer are made by Chicago Transformer—famous for their quality. Similarly each component is of the highest quality, conservatively rated to insure performance and long life.

One of the outstanding characteristics of the LA-70 is its ultra stability. New speaker designs are imposing increasingly severe requirements for stability in amplifier circuitry. This must be achieved with a minimum of phase correction networks, and the action of these networks must be independent of the type of load on the amplifier. The LA-70 will remain stable regardless of the type of speakers used. This stability has been further insured by the use of pure resistance-capacitance filtering in the power supply to eliminate the potential resonant unstable performance of choke-filtered circuits.

A calibrated, control varies the damping factor at all output taps to set the amplifier to the optimum performance for any speaker system without change of volume level or frequency response. Proper calibration is always maintained regardless of impedance of speakers. The control can be switched out of the circuit.

A matched pair of output tubes is supplied to take full advantage of the fine low frequency characteristics and minimum distortion of the wide range linears output transformers. For future replacement, a balance adjust control enables you to easily match your output tubes on the built-in meter.

The bias adjust control also reads directly on the meter. A convenient switch is provided to take readings separately on each tube both for balance and bias adjust, or to cut the meter out of the circuit entirely.

Read the complete specifications below, and you will see that the Lafayette LA-70 provides everything that the finest high-fidelity reproduction demands. **MADE IN USA**

SPECIFICATIONS:

POWER: 70 watts continuous, 80 watts momentary peak, 160 watts instantaneous peak. **HUM AND NOISE:** 90 db below full output. **HARMONIC DISTORTION:** Less than 1% from 20 to 20,000 cps within 1 db at 60 watts; less than 2% at 70 watts. **INTERMODULATION DISTORTION:** Below 1 1/2% at 70 watts, 60 and 7000 cps; less than 1% at 60 watts, 0.3% below 30 watts. **FREQUENCY RESPONSE:** At 1 watt, \pm 1 db 10 to 100,000 cps with controlled roll-off above 100 KC. No peaking or marginal instability with reactive loads. **DAMPING FACTOR:** Variable 0.5 to 12. **INPUT VOLTAGE:** 2.0 Volts for 70 watts output. **CONTROLS:** Calibrated variable damping control, Bias adjust control, Balance adjust control, and meter switch. **METER:** Clear plastic front rectangular meter calibrated to proper setting for bias and balance. **TUBES:** Two KT88, 6AN8, GZ34 plus selenium rectifier. **REAR PANEL FEATURES:** 8 pin socket for powering a preamplifier, 2 auxiliary 110 Volt outlets, 2 speaker terminal strips, input jack and fuse retainer. **OUTPUT IMPEDANCES:** 4, 8 and 16 ohms. **CHASSIS:** Extra sturdy heavy gauge steel. **CAGE:** Handsome decorative protective cage perforated for proper ventilation. **SIZE AND WEIGHT:** 14 1/2" L x 7 3/8" H (including cage) x 10" D (including knobs). Shipping weight 40 lbs.

MODEL LA-70

The Lafayette Deluxe 70 watt basic amplifier completely wired and tested, ready for operation, with complete operating instructions. Delivery approx. Oct. 15th. 1957

LAFAYETTE LA-70Net **94.50**

94.50

MODEL KT-400 KIT

The Lafayette Deluxe 70 watt basic amplifier in kit form, complete with all parts, printed circuit, tubes, cage and a detailed construction manual with easy to follow step by step instructions, detailed assembly and mechanical drawings, schematic and pictorial diagrams.

LAFAYETTE KT-400 Kit.....Net **69.50**

69.50

MASTER AUDIO CONTROL CENTER WITH BINAURAL CHANNEL AND DUAL VOLUME CONTROLS

Lafayette



TAPE MONITOR

BASS CONTROL

PILOT LIGHT

TREBLE CONTROL

6 POSITION
ROLL OFF
AND TAPE HEAD

BINAURAL
VOLUME-LOUDNESS
CONTROL

INPUT SELECTOR
AND TURNOVER
CONTROL

LOUDNESS
ON-OFF

39.50

IN KIT FORM
KT-300

RUMBLE FILTER

designed by
VICTOR BROCIHER
One of America's Outstanding
Audio Engineers

59.50

COMPLETELY WIRED
LT-30

Years Ahead Of Every Other Preamplifier Control Unit

AHEAD IN DESIGN

- INCORPORATES EXTRA CHANNEL FOR BINAURAL REPRODUCTION
- DUAL VOLUME CONTROL FOR BINAURAL OPERATION
- TAPE HEAD PLAYBACK EQUALIZATION: BOTH NARTB AND ADJUSTABLE
- NEGATIVE FEEDBACK IN EVERY STAGE
- DC ON ALL TUBE FILAMENTS FOR MINIMUM HUM
- INPUTS FOR EVERY TYPE OF PHONO, TUNER OR TAPE

AHEAD IN HI-FI SOUND

- LESS THAN 0.09% INTERMODULATION DISTORTION AT 1V.
- LESS THAN 0.07% HARMONIC DISTORTION AT 1V.
- HUM AND NOISE LEVEL BETTER THAN 80DB BELOW 3V.
- UNIFORMLY FLAT FREQUENCY RESPONSE OVER ENTIRE AUDIBLE SPECTRUM

AHEAD IN FEATURES

- SELF-POWERED, WITH 3 AUXILIARY AC OUTLETS
- DUAL CATHODE FOLLOWER OUTPUT STAGES
- SEPARATE TURN-OVER AND ROLL-OFF CONTROLS—24 POSITIONS OF EQUALIZATION
- SHARP SLOPE RUMBLE FILTER
- TAPE MONITOR SWITCH
- HIGH GAIN FOR LOW LEVEL PICKUPS
- PRINTED CIRCUIT CONSTRUCTION

AHEAD IN STYLING

- TASTEFUL STYLING, BRILLIANTLY EXECUTED
- DESIGNED FOR EASE OF INSTALLATION AND OPERATION

THE LAFAYETTE MASTER AUDIO CONTROL CENTER

The Lafayette Master Audio Control Center is an outstanding achievement in the audio field. Here, in one unit, we have designed not only the finest high fidelity preamplifier packed with unmatched features, but one functionally designed to fit in with the conversion if desired of your present hi-fi system to binaural (Stereophonic) sound. It can be used as a regular preamplifier and control center for any hi-fi system. It can also be used with any binaural tuner such as the Lafayette LT-50 without the addition of a second preamp. For binaural systems with low level sources such as tape or magnetic cartridges the Lafayette Control Center can be used with the preamplifier now in your hi-fi system, or with any simple preamp. When used with an additional preamp the volume of each channel is individually and conveniently controlled at the Lafayette Master Audio Control Center. This is a necessary feature to provide proper balance on both halves of any binaural system. You cannot get a finer value in a complete, self-powered, preamp control center. Finest quality parts are used throughout, with special low-noise resistors in critical circuits. We especially invite your attention to the almost unobtainable low distortion figures—the most important feature of any preamplifier. The unit is available either completely wired and factory tested, or in kit form.

SPECIFICATIONS

CONTROLS: 9 on front panel, 2 on rear. **FUNCTION SELECTOR AND PHONO TURNOVER:** 7 positions: Radio, Aux, Tape and 4 phono, AES, RIAA (NARTB and NEW AES) 800 and LP. **ROLL-OFF CONTROL:** 6 positions of phono Roll-Off plus special position for tape head (NARTB); LP, RIAA, AES.—10.5 (Old London LP)—5 (FF978) and Flat. **BASS CONTROL:** Continuously variable, 16db boost to 18 db cut at 30 cycles. Flat Response marked. **TREBLE CONTROL:** Continuously variable. 11db boost to 18db cut at 10,000 cycles, flat response marked. **LOUDNESS-VOLUME:** Concentric dual control, one with on-off switch. For Binaural Systems. **TAPE MONITOR SWITCH:** For use with recorders equipped with monitoring head and preamp; permits playback, from the tape, of material being recorded, as you record it. **RUMBLE FILTER SWITCH:** cuts rumble filter in or out. Eliminates low frequency noise with minimum effect on audible bass response. **LOUDNESS ON-OFF:** Removes bass compensation on loudness control, converting it to straight volume control. Effects no change in volume level. **PREAMP GAIN CONTROL:** To set proper level for varying inputs. **RADIO INPUT LEVEL CONTROL:** To set proper level for various tuners. **INPUTS:** 7 including RADIO, TAPE, AUX, MAGNETIC PHONO, PHONO 1 & 2, FM, CAPACITANCE, CERAMIC OR CRYSTAL, TAPEHEAD AND SEPARATE HIGH LEVEL INPUT FOR SECOND CHANNEL OF BINAURAL SYSTEM. **HARMONIC DISTORTION:** So low as to be virtually unmeasurable with conventional equipment. Approximately 1/4 of 1% even at 5V output—an output level which is several times the maximum ever used. Distortion is practically unmeasurable at normal operating levels. **INTERMODULATION DISTORTION:** Below 0.09% at 1V out etc. Practically unmeasurable at normal operating levels. **FREQUENCY RESPONSE:** Uniformly flat over entire audible spectrum. Tubes: 3-ECC83 Tubes plus 2 selenium rectifiers. Tubes are similar to 12AX7 but are premium types especially designed for hi-fi. **POWER SUPPLY:** Completely self-powered for 105-125V 50-60 cycles AC. Well filtered, full wave, DC supply on all filaments insuring lowest possible hum content. **APPEARANCE:** Beautifully styled with anodized gold aluminum panel, dark maroon trim case, matching maroon knobs with gold inserts and gold case. Die formed metal case designed for shelf, table top, or cabinet mounting on panels up to 3/4" thick. **SIZE:** 12 3/4" Long, 3 3/4" High, 9 1/4" Deep from front panel to rear jacks. Knobs project 1" from front panel. **OUTPUTS:** 3 Outputs are available. **AMP NO. 1:** Low impedance (cathode follower) output to preamp. Permits use of cables up to 100 ft. 6 ft. cable furnished. **AMP NO. 2:** Low impedance (cathode follower) output after volume control for second channel of binaural system, operating from 2nd high-level input. Tone can be dc not affect this channel. **TAPE RECORDER:** To record on tape while listening to program material or monitoring via tape monitor switch. Gain 0 db. Unaffected by volume or tone controls. **OUTLETS:** 3 Outlets, 2 of which (for tuner recorder etc) are controlled by front panel on-off switch; third is permanently in circuit for record player. This safety feature protects idler wheel from flat spot caused by accidentally leaving player unpowered in "on" position. **SENSITIVITY-GAIN:** 54db on mag. pickup input (2mv. Input produces 1V output). 14db on radio, tape and aux. Inputs (0.2V produces 1V). 0db gain from radio input to tape output. Phono gain ample for lowest level pickups made, without step-up transformer. **HUM & NOISE:** 80db below tape output at full gain on radio, tape and aux inputs. Better than 60db below effective program level at full gain with 10w or more or tape input. Unlike other preamps hum level actually decreases as volume control is decreased from full gain position.

Made in U. S. A.

MODEL LT-30

The Lafayette Master Audio Control Center completely wired and tested with case, ready for operation with complete instruction manual. Shpg. wt., 10 1/2 lbs.

LAFAYETTE LT-30.....Net **59.50**
Delivery Approximately September 25, 1957

MODEL KT-300

The Lafayette Master Audio Control Center in kit form complete with all parts, tubes, case and a detailed construction manual with step by step instructions, detailed assembly and mechanical drawings. A truly complete instruction book.

MODEL KT-300 KIT.....Net **39.50**