LAFAYETTE **LEADS IN EVERY** PHASE OF





LR-440 STEREO RECEIVER WITH 170 WATT 4 CHANNEL AMPLIFIER See Page 6



LA-2525 DISCRETE 4 CHANNEL 40 WATT STEREO AMPLIFIER See Page 2



LA-44 DISCRETE 4 CHANNEL 170 WATT STEREO AMPLIFIER
See Page 4

#### CHANNEL STEREO

LAFAYETTE MODEL RK-48



COMPATIBLE 2 AND 4 CHANNEL STEREO 8 TRACK CARTRIDGE TAPE DECK ONLY 89.95 — See page 3

LAFAYETE 4 CHANNEL ADAPTES



CONVERT YOUR PRESENT CHANNEL STERED SYSTEM TO DÉRIVED - CHANNEL STEREO ONLY 29 95 See Page 468

### AFAYETTE

Mail Order and Sales Center

111 Jericho Tumpike, Syosset, L. I., New York 11791

Easy Pay Plan: Store Addresses:

Doast-to-Coast

# 10W...Lafayette Brings 4-Channel Stereo to Everyone



For Your Supreme Stereo Pleasure! 4 Amplifiers in

isive "Composer" Derived 4-Channel Dimensional Circuitry
Listen To The Extra 2-Channels in Your stereo Records, Tapes and FM Broadound Realism From 4-Channel

AAA 2-year guarantee

see page 415

# NY S V LAFAYETTE 40 Watt Compatible 4-Channel Stereo Amplifier

## Hear The Full Performance in True Dimensional Depth...Not Just Part of ill

The Lafayette Model LA:2525 combines 4 outstanding amplifiers with new ingentious 4-channel control circuity to reproduce discrete 4-channel program sources from 4-channel 8-tack tape carridges, 4-channel real-lored labes, and when they become available, from 4-channel cassettes, 4-channel FM broadcasts and 4-channel records. In addition the LA:2525 features the utmost in compatibility through its exclusive "Composer" circuit and derives rich four channel dimensional sound from existing con-vertional stereo records, stereo tapes and FM stereo broad-casts. You will be amazed at this full dimensional exciting room-filling realistic sound! You get much greater enjoy-ament from your present 2-channel stereo program sounds as well as from the ever growing new discrete 4-channel

sources. The LA-2525 incorporates separate Volume controls for front left, front right, rear left, and rear right channels,

275 mV, Tuner = 500 mV., Phono Mag. = 3.5 mV, Phono

front amplifiers (channels). 4-channel master rocker switches for Monof Stereo Mode, Loudness, Hi-Filter, Front Speakers Main/Remote and Rear Speakers Main/Remote of position function selector for Z-channel-Front, Rear, 4-Channel-Channel Compose and 4-Channel-Stereo, Reverse, and Front plus Rear, 3 position Input, Selector for Aux., Tuner, separate ganged Bass and Treble controls for front and rear channels; Headphone jack for private listening from Phono, The rear panel features 16 input jacks—4 each for Aux, Tuner, Phono Ceramic and Phono Mag; 4-channel tape inputs; main and remote speaker outputs for all four channels; and unswitched AC Convenience outlet Operates on record output jack facilities for 2 and 4-channel source 105-120 volts, 50/60 Hz AC. Size: 436Hx1342Wx834"D. Im-

E AR SPARS FRONT SPKRS WEW

Ceramic = 125 mV; Hum and Noise: Hi-Level = -70 db, Low Levet = --55 db; Channel Separation: 63 db; Semiconductors: 31 Transistors, 5 Diodes, 4 Thermistors. Power Output: 40 Watts ± 1 db at 8 ohms, Frequency Response: 20-20,000 Hz± 1: 2 db: Total Harmonic Distortion at 1 KHz., 8 ohms, 1 watt = 0.125%; Input Sensitivity: Aux

Derived 4 Channel Tape Output Jacks (Rear) Concentrie Votume Controls

### Enjoy THE SPECTACULAR NEW SOUND of 4 Channel Stereo Tapes



- Plays 4-Channel Stereo 8-Track Cartridges thru a 4-Channel Stereo Amplifier
- Plays 2-Channel Stereo 8-Track Cartridges thru either a 4-Channel or 2-Channel Stereo Amplifier

Add the sensational new dimension of 4-channel stereo sound to your listening area. With the RK-48, you can play exciting new discrete 4-channel stereo tape cartridges through any Lafayette or other crete 4-channel stereo tape cartridges through any Lafayette or other brand 4-channel stereo ampillier or receiver system. The RK-48 is fully compatible. Can be used as the playback tape deck in conventional 2-channel stereo 8 Track systems. Dr, in 2 channel stereo systems that Incorporate the exclusive Lafayette Composer Circuit, the RK-48 can be used either to derive 4 channel stereo sound from conventional 2-channel 8 Track cartridges or play discrete 4-channel 8 Track Stereo Tape cartridges, by adding a stereo amplifier and 2 speakers. The RK-48 has fully automatic mode selection—insert either a 2-channel or 4-channel stereo tape and the deck instantly plays in the correct mode. Individual illuminated program track indicators. Pushbutton program selectors, Manual 2 or 4-channel mode selector button. Spill-proof mechanism stops tape from wrapping around capstan. Four built-in solid-state stereo playback preamplifiers. Specifications: Max output 1 voit; Hum & Noise—49db., Channel Separation—45db.: Distortion 1%; Wow & Flutter 0.2%; Frequency response 30-10,000 Hz. ±2db. For 105-120V, 60 Hz. AC. Power Fuse. Size: 94/2W x 104/2D x 44/2\*H. Imported. Shpg. wt., 10 lbs. 3 oz. 99 R 15950W No Money Down®

LAFAYETTE 4-Channel Stereo 8 Track Demo Tape

Idual tape cartridge to make sure your 4-channel 8-Track stereo system is properly set up. Program 1 on the tapa includes 400 Hz signals for left front speaker, right front speaker, left rear speaker, right rear speaker, kert you will hear Leonard Bernstein and the New York Philharminic play excerpts of Tchalkovsky's 1812 overture first in Mono, then in 2 channel stereo, and lastly-magnificent 4 channel stereo. Program consists of excerpts from Tchaikovsky's Swan Lake Ballet in breathtaking 4 channel stereo. Shpg. wt., 6 oz.

#### RCA 4-Channel Stereo 8-Track Cartridges-7.95 each

28 R 14036 Half-Original Broadway Recording—Aquarius, Good Morning Starshine, Where Do I Go, Half, I Got Life, plus many more.

28R 14002 Boston Pops — MUSIC FROM MILLION DOLLAR MOVIES — Laura, Gigl. Love is a Many Splendid Thing, Song from Moulin Rouge, Around the World in 80 Days, plus 5 more.

28 R 14010 Best of Boston Pops — More, On the Trail (from "Grand Canyon Suite"), Hello Dolly, plus 9 more selections.

28 R 14069 Best of Henry Mancini—Pink Panther Theme, Breakfast at Tiffany's, Soldier in the Rain, plus 5 more selections.

28 R 14028 Highlights From Madame Butterfly, Puccini-Leinsdorf: Conductor, Price, Tucker, Elias, Maero.

28 R 14051 Best of Eddie Armold—Just A Little Loving, Make the World Go Away, Anytime, plus 9 more salections.

28 R 14044 Best of Charlie Pride—Just Between You and Me, The Easy Part's Over, Kaw-Liga plus 9 more selections. Shipping wt., 2 oz. ea.

28 R 01413L



## A NEW ERA IN HI-FI

LAFAYETTE 170-Watt Compatible 4 Channel Stereo Amplifier CHANNEL STERED



MODEL LA-44

## FOR YOUR GREATER STEREO PLEASURE The Fabulous LAFAYETTE LA-44

- 4 Superb Amplifiers in One Versatile Unit.
- Thrill To The 4-Channel Surround Sound Concert Hall Realism From The New 4-Channel Program Sources!
- Discover The Exciting 4 Dimensional Audio Richness Of Your Present 2-Channel Stereo Records, Tapes, and FM Stereo Broadcasts!
  - 170 Watto = 1 db Output Powor at 1 Ohms

See Page 416 for Details

to Money Down"

Use This Fine Quality 4-Amplifier Unit as 2 Independent 2- Channel Stereo Amplifiers For Two Different Stereo Program Sources Simultaneously!

Build a Derived 4-Channel Stereo Library on Tape From Your Present Favorite Stereo Records, Tapes and FM Stereo Broadcasts

4 FET's, 39 Transistors, 4 Diodes and 4 Thermistors

> just a part of it... from 4-channel 8-track cartridges, 4-channel reel-to-reel tapes and, when they are available 4-channel cassettes, FM Broadcasts and 4-channel records. Another feature and exclusively Lafayette's tapes and FM Broadcasts and recreates, from this material, rich four di-mensional sound in your living room. It also enables the tape recording of derived 4-channel stereo from your present favorite stereo records, stereo tapes, and FM stereo broadcasts. In addition the 4-amplifier LA-44 can be used as the heart of two completely independent stereo systems, supplying two different locations from two dif-Now you can hear the full performance in true dimensional depth, not is the "Composer" circuit which takes existing conventional stereo records, erent stereo sources simultaneously, i.e., phono and tuner, plus the flexi bility of additional remote speaker locations for each pair of channels.

Headphone jacks for front and rear channels: front and rear channel tape output jacks provided on both front and rear of amplifier chassis for your channel and 4-channel stereo for tape playback; magnetic and ceramic phono; tuner, Auxiliary I and Auxiliary II; Main and Remote speaker outputs for all four channels. Includes one switched and one unswitched ront and rear and separate Treble controls for front and rear channels: convenience; a "Reverb" position for use with an external-reverberation convenience outlet. Operates on 105-120 volts, 50/60 Hz AC. Sizer 1345"W x 4"H x 942"D, Imported. Shipping weight 16½ lbs. Net 219.95 99 R 02537W No Money Down\* The LA-44 features separate volume controls for front left and front right unit to the rear channels only. The rear panel features input jacks for twochannels, rear left and rear right channels; separate Bass controls

Mode Selector with Composer Input



Concentric Volume Controls

Power Output: 170 Watts ± 1db music power; 42.5W/CH—4 Unius) 100 Wetls MpJ [A III. 26.08 TIB]. 25W/CIH—4 Unius. Total Harmonic Distortion (I kHz, 8 ohms, 1 watt Output). O.07%. Power Bandwidth: 15.25 kHz. Fequency Response: (Aux to Spkr. 8 ohms): 20.20,000 Hz ± 1.5 db. Input Sensitivity: Phono Mag. 3.5 my, Phono Cer. 125 my. Tuner 500 my, ItiVity: Phono Mag. 3.5 my, Phono Cer. 125 my. Tuner 500 my, Aux 70 db. Phono Mag. 60 db. Phono Cer. 57 db. Tuner 70 db. Tape Mon. 83 db. Channel Separation: 60 db. (IHz B-ohm Spkr.). Semiconductors: 4 FETs, 39 Transistors, 4 Diodes, 4 Themistors Power Consumption: 210 VA (At Max Output).

See Page 33 For LA-44 4 Channel Systems

"See Page 22 for hall Challe Details and Fasty Pay Plan



Push-button Input Function Selector



Fape Output Jacks (rear) Derived 4-Channel



Plays Directe 4-Chambel Steres Programs. Derives and Plays 4:Chambe Stered Fram Present Stered Records, Japes, and FM Brandrasts

# SUPREME DISCRETE and DERIVED 4-CHANNEL STEREO ENJOYMENT!

AAA 2-year guarantee

See page 415 For Terms

No Money

or Discrete 4-Channel

SUPERB AM-FM Stereo Reception

EXCLUSIVE "COMPOSER"

or Derived 4-Channel

Hear The Thrilling New Discrete 4-Channel Program Sources with Amazing Concert Hall Realism Listen to the Exciting Dimensional 4-Channel Audio Derived from Your Present 2-Channel Stereo Records, Stereo Tapes, and FM Stereo

The Lafayette LR440 compatible 4-channel AM/ FM stereo receiver brings you the full performance in amazing dimensional depth. Now you can listen to the audiorichness of the new discrete 4-channel programs from 4-channel 8-track cartridges and 4-channel receivered tapes, and as soon as they become available, to 4-channel excessetts, 4-channel FM broadcasts and 4-channel records, in addition, the LR440's four ingeniously engineed preamplifier-amplifiers plus its exclusive "Composer four ingeniously engineed preamplifier-amplifiers plus its exclusive "Composer Schannel FM stereo broadcasts, stereo records and stereo tapes, and recreates from this material amazingly rich 4-channel sound in your living room, 40n, etc. The LR440 can also be used as two completely independent stereo systems, supplying two different locations from two different stereo sources simultaneously, i.e.: phono and tuner, plus the flexibility of additional remote speaker locations for each pair

The LR440 features an excellently designed FM stereo tuner with 1.65½V sensitivity. AM and FM signal strength tuning meter, automatic FM stereo indicator tuning which lights up when tuned to a stereo broadcast, and "Acrituma" precision tuning indicator which lights when receiver is precisely tuned to an FM statlou. The dial

Use It as 2 Independent 2-Channel Stereo Amplifiers for Two Different Stereo Program Sources Simultaneously

Build a Derived 4-Channel Stereo Tape Library from Your 2-Channel Stereo Records, Tapes, and FM Broadcasts!

Phono inputs, a Tuner Selector rotary switch, a rotary Main-Remote Speaker selector switch with Phone position, and pushbuttion switches for Tape Monifor, Loudness, switch with Phone position, and Mute (for minimizing inter-station noise when tuning Stereo/Mono, HI-Filter, and Mute (for minimizing inter-station noise when tuning the property of the left and right Balance controls for front and rear channels, concentric Bass and Treble controls for front and rear channels. Headphone jacks for front and rear channel Tape Output jacks provided on both front and rear channel Tape Output jacks provided on both front and rear panels for convenience; an Input Mode rotary selector for 2 and 4-channel for Aux 1, Aux 2, Tuner, and eatures Phono, Aux, and Monitor indicator jewels. Separate Volume controls plus nputs, front and rear channel pushbutton switches

speaker outputs for all four channels are also provided. Includes one switched and playback, magnetic and ceramic phono, and Auxiliary I and II. Main and Remote The rear panel features input jacks for 2-channel and 4-channel stereo for tape one unswitched AC convenience outlet. Operates on 105-120 volts, 50/60 Hz AC. Size: 1842W x 1334D x 434"H. Imported. Shpg. wt., 41 lbs. Dutput Impedance: 4 and 8 ohms, Tuner FM: 4 Gang Tuning Condenser. Useable Sensitivity (IHF): 1.65 µV; Stereo Separation: 40db at 400 Hz; Signal-to-Noise Ratio: ohm balanced for external antenna. AM: 3 Gang Tuning Condenser, Terminal Sensiti-

75db; Spurious Response Rejection: 95db; Marmonic Distortion: 0.3% at 100% Mod.: Capture Ratio: 1,5db: Cross Modulation Index: 90db; Antenna: Built-in plus 300-

Amplifier Power Output: 170 Watts ±1db (42.5 w/CH) at 4 ohms, 100 Watts ±1db (12.5 w/CH) at 4 ohms, 60 watts RMS (20.5 w/CH) at 4 ohms, 60 watts RMS (20.5 w/CH) at 8 ohms, 60 watts RMS (20.5 w/CH) at 10 watts RMS (12.5 co.7 w.C.) watts RMS (12.5 co.7 w.C.) watts RMS (12.5 co.7 w.C.) watts RMS (12.5 w.C.) watt

iity: 18 µV, Antenna: Built-in swivel type ferrite rod. - REVERSE INPUT CH REAR .

Input Mode Selector with "Composer"

METER: Shows relative signal strength of received AM or FM Also shows when an AM station is properly tuned. AUTOMATIC FM STEREO INDICATOR: Lights when

in "Stereo"), "ACRITUNE" indicator lamp uned to a stereo broadcast (with Mode ights when receiver is precisely tuned



Concentric Volume and Balance Controls



Derived 4-Channel Tape Output Jacks (Rear)



Front and Rear Channel



**Combination AM/FM** Stereo Receiver and Stereo Cassette Tape Recorder

With Built-in 4 Channel Composer & Adapter

#### CASSETTE RECORDER FEATURES

- 7 Pushbutton Functions: Play, Record, Fast Forward Rewind, Pause, Stop, Cassette Up
- \*Large Illuminated Dual Record Level Meters
- STD/CrO, Bias Equalizer Switch
- Sound with Sound Mixing Front Panel Mike Input Jacks

Our exciting new cassette music center combines a top-quality AM/FM Stereo Receiver and an advanced Stereo Cassette Recorder in a handsome low profile cabinet. In addition this Cassette/Receiver has built in 4 channel stereo Racilities by means of 2 specially designed circuits—Lafayette Composer and Lafayette 4 Dimensienal Adapter. The LRK-900 features ARRITUME Circuitry for footproof visual FM tuning accuracy. An FM stereo indicator light illuminates when a FM stereo broadcast is being received. The STD/cro, blas equalizer switch permits choice of recording with either a standard cassette tape or the new improved chromium dioxide tapes (Cro<sub>2</sub>). The Cassette Recorder turns off both electrically and mechanically at end of a tape in either Play, Record, or Fast Forward Mode. Also includes 3 digit tape counter with reset button; separate bass and treble controls; Pushbutton switches for: Loudness, Stereo/Mono, Hi-Filter, Tape, Power On/Off, and a front panel stereo headphone jack, input jacks are provided for Aux, cer. or mag, phono. Rear Panel also includes Tape Recorder Output jacks and an AC Con-

LRK-900 4 CHANNEL FEATURES Special Built-in Circuitry that Lets You Listen to the 2 Extra Channels on Your Stereo Records, Stereo Tapes, Stereo FM Broadcasts or from Specially Encoded 4 Channel Material

LAFAYETTE 4 CHANNEL STEREO COMPOSER CIRCUIT—The built-in Composer Circuit derives 4 channel stereo material. By adding an external stereo amplifier and 2 additional speakers to your 2 speaker LRK-900 system, you now have 4 channels of amplifica-tion with 4 speakers. You can also record any 2 channel stereo program source in 4 dimensional stereo using a 4 channel recorder. In addition, the LRK-900 can now be used with discrete 4 channel input sources.

LAFAYETTE 4 DIMENSIONAL STEREO ADAPTER - The built in adapter also derives 4 channel stereo material. You need only add 2 additional speakers to your 2 speaker LRK-900 system. This gives you 4 speakers and 4 channels of matrixed program material. No extra amplifiers are required.

#### AM/FM STEREO RECEIVER FEATURES

- 20 Watt ± 1db Stereo Amplifier
- Advanced Solid State Circuitry
- Main, Remote, or Main and Remote Speaker Selection
- •FM Stereo Indicator Light with Acritune®
- Magnet and Ceramic Phone Inputs

venience Outlet. Built-in AM and FM Antenna — provisions for external AM and FM antennas. Output transistors are fused for overload protection. Specifications: Receiver, Power Output, 20 Watts total ±1db. Input Sensitivity Phono (mag.) 4 mV (cer.) 130mV Aux, 275 mV. FM tuner IHF Sensitivity 3.5 µV. Stereo MPX Separation 35db @ 400 Hz. Cassette Recorder, AC Blas Erase Freq. 98 kHz, S/N Ratio better than 48 db., Mike input sensitivity 1 mV, wow & flutter less than .25%. Freq. Response 50-10 kHz. Walnut Wrap around metal case with Brushed Gold Aluminum trim. For 117 VAC 60 Hz. Size: 19¼W x 4H x 11½ "D. Imported. Shgg. wt., 25 lbs. 99 R 02529 No Money Down" Net 199.95

99 R 46161 Dynamic Mike for LRK-900. Wt., 1 lb. ... Net

CrO, 60 Min. Cromlum Dioxide Tape. Wt., 4 oz. 28 R 47002 2.99 Standard 60 min. Cassette Recording Tape 28 R 01223 Wt., 4 oz.

See Page 22 for Full Credit Details on Easy Pay Plan

### LAFAYETTE LRK 855

Combination AM/FM Stereo Receiver and 8-Track Stereo Tape Cartridge Recorder

### With Built\*in 4 Channel 21995 Composer & Adapter



#### 8 TRACK RECORDER FEATURES

- Automatic Stop—Motor Shuts Off
- Remove Tape Indicator Light
- Record Safety Interlock Button
- Front Panel Mike Input Jacks
- Pushbutton Track Selector
- Illuminated Track Indicator Lights

#### AM/FM STEREO RECEIVER FEATURES

- 20 Watt ±1 db Stereo Amplifier
- Advanced Solid-State Circuitry
- Main, Remote, or Main and Remote Speaker Selection
- FM Stereo Indicator Light with Acritune
- Magnetic and Ceramic Phono Inputs

Here is one of the most advanced hame stereo music systems you can own. The detuxe LRK-855 features two major innovations: 4-channel stereo compatability by means of 2 specialty designed circuits: a Lafayette Composer, and a Lafayette 4 Dimensional adapter. In addition, this magnificent AM-FM stereo receiver/8-track recorder-player has a full complement of professional quality features: automatic stop and motor shut-off after last channel has been recorded, direct 8-track recording arm the AM/FM stereo receiver, front panel dual-concentric left and right channel record level controls, 2 illuminated VU-record level meters, FM-MPX fliter, FM-stereo indicator light, Acritune circuitry for foolproof visual FM tuning accuracy, separate Bass and Trebe controls, pushbulton controls for Loudness, Stereo/Mono, HI-Bitts, front panel stereo headphone jack, inputs for Aux, Phono (Cer. & Mag.), Tape Recording Outputs, unswitched AC convenience outlet, Built-in AM and FM antennas with provisions for external AM & FM antennas. Output transistors are "See Page 22 for Full Credit Details on Easi Pay Plan

LRK-855 4-CHANNEL FEATURES—Special Built-in Circuitry Lets You Listen to the 2 Extra Channels on Your Stereo Records, Tapes, FM-Broadcasts, or From Specially Encoded 4-Channel Material

LAFAYETTE 4-CHANNEL STEREO COMPOSER CIRCUIT—The built-in Composer Circuit derives 4-channel stereo material. By adding an external stereo amplifier and 2 additional speakers to your 2 speaker LRK-855 system, you now have 4 channels of amplification with 4 speakers, You can also record any 2-channel stereo program source in 4 dimentional stereo using a 4-channel recorder, in addition, the LRK-855 can now be used with discrete 4-channel input sources.

LAFAYETTE 4 DIMENSIONAL STERED ADAPTER — The built-ia adapter also derives 4-channel stereo material. You need only add 2 adoltional speakers to your 2-speaker LRK-855 system. This gives you 4-speakers and 4-channels of matrixed program material. No extra amplifiers are required.

fused for averload protection. SPECIFICATIONS: Amplifier Power Output: 20 Wafts ±1db IMF, Freq. Response: 20-20,000 Hz ±1.5db, Harmonic Distortion: 0.2% at 1 waft, Input Sensitivity — Phoma (Mag.) 4 mV, (Cer.) 130 mV, Aux. 275 mV, Output Impedance: 4 and 8 ohms, Tuner FM Sensitivity: 3.5µV, S/N Rafio: 53db, Stereo MPX Separation: 35db at 400 Hz. 8-Track Recorder—Mike Imput Sensitivity: 1 mV, Mike Impedance: 3.3k ohms, Bias Fraq: 80 kMz, Freq. Response: 30-10,000 ±2db, Flutter: 0.25%, Channel Separation: 30-05, Solid-state Circuitry: 45 Transistors, 31 Diodes. Walnufnished metal wrap around case. Brushed gold anodized aluminum trim. For 117 VAC, 60 Hz. Size: 4½ x 19½ x 13¼°D. Importee. Spng. wt., 25 lbs.
99 R 02511 No Money Down\*

Dynamic Wike for LRK-855, Shpg. wt., 1 lb. 99 R 46161

Net ea. 5.95



AM/FM Steren Receiver with **Built-In 2 and 4-Channel** 8-Track Stereo Tape Player

With Built-in 4-Channel Composer & Adapter

#### CARTRIDGE TAPE PLAYER FEATURES

- Automatic Mode Selection for 2 or 4-Channel Tapes
   4 Solid-State Stereo Playback Pre-amplifiers
- Individual Illuminated Program Track Indicator Lights
- Remove Tape Indicator Light
- Spill-Proof Capstan Mechanism

Newly designed and engineered with the latest refinements and innovations found in today's stereo high fidelity components. This versatile AM/FM Stereo Receiver features 4-CHANNEL STEREO COMversatile AM/FM Stereo Receiver features a-CHÁNNEL STRREO COM-PATABILITY by means of 2 specially designed built-in circuits— the exclusive Lafayette 4-Channel Composer and the Lafayette 4-Dimensional Stereo Adapter. In addition, the LRK-480 includes a 2 and 4-channel 8-Track Stereo Tape Player. By adding an external stereo amplifier and 2 speakers you can play the new 4-channel 8-Track Stereo Tape Cartridges thru the LRK-480. Using the Composer circuit, you can also derive 4-channel stereo material from con-ventional 2-channel 8-Track Stereo Cartridges, FM Stereo broad-casts, and records (when you connect a stereo record changer with either a ceramic or magnetic pick-up). An exclusive Remove Tape Indicator Illuminates with the power turned off and a tape cartridge left fully inserted in the player. This feature will preserve the life

#### **LRK-480 4-CHANNEL FEATURES**

BUILT-IN 4-CHANNEL 8-TRACK STEREO TAPE PLAYERchannel stereo 8-track cartridges with the addition of an external stereo amplifier and 2 speakers.

LAFAYETTE 4-CHANNEL STEREO COMPOSER CIRCUIT-The built-in LAFAYETTE 4-CHANNEL STERED COMPOSER CIRCUIT—The built-in Composer Circuit derives 4-channel stereo material from your 2-channel stereo tapes, records, and FM broadcasts, or from specially encoded 4-channel material. By adding an external stereo amplifier and 2 additional speakers to your 2 speaker LRK-480 system, you now have 4-channels of amplification with 4 speakers. You can also record any 2-channel stereo program source in 4-dimensional stereo using a 4-channel recorder. You can also plug in a 4-channel reel-to-reel tape deck

LAFAYETTE 4-DIMENSIONAL STERED ADAPTER-The built-in adapter also derives 4-channel stereo material from 2-channel stereo tapes, records, and FM broadcasts, However, you need only add 2 additional speakers to your 2 speaker LRK-480 system. This gives you 4 speakers and 4 channels of matrixed program material. No extra amplitiers are required.

#### AM/FM STEREO RECEIVER FEATURES

- 20 Watt ±1db Stereo Amplifier
   Advanced Solid-State Circuitry
- Main, Remote, or Main and Remote Speaker Selection
- FM Stereo Indicator Light With Acritune
- Magnetic and Ceramic Phono Inputs
- Front Panel Stereo Headphone Jack

of your cartridges and the player's tape head. The Receiver Section leatures an FM stereo indicator light and ACRITUNE circuitry for foolproof visual FM tuning accuracy. Aux inputs, Tape Record Outputs and an AC convenience jack are provided on the rear panel. Separate bass and treble controls, Pushbutton switches for Tape/ off, Loudness, Stereo/Mono, Hi-Filter.

SPECIFICATIONS: Power Output: 20 Watts  $\pm$  1db; freq. Response 20:20,000 Hz  $\mp$  1.5db; Harmonic Distortion 0.2% at 1-Watt; Input Sensitivity- Phono (mag.) 4 mV, (ceram.) 130 mV, Auxillary 275 mV; Output Impedance, 4 & 8 ohms. Tuner-FM Sensitivity 3.5  $\mu$ V; S/N Ratio 63 db; Stereo MFX Separation 35 db at 400 Hz. Built-in AM and FM antennas. Florislons for external AM and FM antennas. Sizet 4½ x 19½ x 13½"D. For 117 VAC, 60 Hz. Shgg. wt., 30 lbs. Imported. 99 R 02677WX No Money Down\*

See Page 22 for Full Credit Details on Easy Pay Plan

#### SUPERB LAFAYETTE "LRC-70" SOLID-STATE 50 WATT AM/FM STEREO RECEIVER TURNTABLE CONTROL CENTER



- Professional Garrard Model 40B Stereo Automatic Turntable
- Pickering V15/AC-3 Dustamatic™ Stereo Cartridge with Diamond Needle
- Stereo Mike Input—Can use as a PA Amplifier
- Main and/or Remote Speaker Outputs

The "low profile" LRC-70 has been created for the connoisseur who demands magnificent steren hi-fidelity performance from a compact, gracefully styled control unit. The LRC-70 has been designed for complete ease of installation and use. This has been accomplished by integrating a superb Lafayette AM/FM Stereo Receiver and a professional Garrant stereo record changer onto handsome base. The by integrating a superb Lafayette AM/FM Stereo Receiver and a pro-fessional Garrard stereo record changer onto handsome base. The LRC-70 contains a powerful solid-state 50-watt AM/FM Stereo Receiver with 2 FET's, 31 Transistors, 25 blodes, and 2 Thermistors. Features an Illuminated AM/FM signal strength tuning meter, auto-matic FM Stereo switching, MX Filter, FM stereo indicator light, and a 4-Gang FM tuning condenser for extra sensitivity. The renowned Garrard 40B stereo turntable features a full viscous damped tone arm and single lever cueing. Plays 7°, 10°, and 12° records at 16°40, 33½, 45, and 78 rpm. A Deluxe Pickering VIS/AC-3 Dustamaticrm stereo cartridge is already installed in the-tone arm. LRC-70 controls

- Power Output 50 Watts at 4 ohms ±1db
- Tape Input and Output Jacks
- Tape Monitor Pushbutton
- · Front Panel Stereo Headphone Jack
- Automatic FM Stereo Switching

\*Automatic FM Stered Switching include: pushbuton loudness, tape monitoring, high filter, and steree/mono mode selection, concentric volume/balance, bass, treble, and a mode selector. Outputs for use of Main, Remote, Main and Remote speakers are provided. 2 Front panel stereo Mike Inputs, Tape Inputs, Front and rear panel Tape Outputs. 2 AC convenience outlets, external FM antenna jack. Specifications: Amplifier; Response, 20-20,000 Hz ±1.5 db, Output, 50 watts at 4 ohms (both channels) ±1 db, 40 watts IHF. Input Sensitivity: Phono Mag. 4 mty. Aux. 250mv, Mtc. 6 mtv. FM sensitivity: 2.5 µv. IHF, Selectivity: Adjacent Channel: 40db, AM Selectivity: ±2.0 ktw 35 db. Size: 17 x 9 x 16 ½"0. Imported. For 117 VAC 50/60 Hz. 99 R 02347WX Shpg. wt., 36 lbs. Net 259.95

Beautiful, Heavy Gauge, Tinted Plexiglass Dust Cover for LRC-70. 24 R 09050W Shpg. wt., 2 lbs. Net 8.

#### CONVERT THE LRC-70 TO DAZZLING 4-CHANNEL 4-DIMENSIONAL STEREOPHONIC SOUND Complete System As Low As From individual catalog prices Magnificent sounding 4 dimensional steres system featuring the Lafayette 4-chamner adapter (see page 455 for de-scription) with the LRC-70 Conmol Cen-ter and 4 Criterion 50A Speaker Systems.

.....

ter and 4 Criterion 50A Speaker Systems.
As you listen to your records, apes or
FM-stereo radio broadcasts, tha acous-tics of the original recording half are literally superimposed in your own room with this brilliant performing system.
Shg wt., 157 lbs.
99 R 99913WXM

Net 379.70

Same System as above but with deluxe Lafayette/Pickering Phase 44 Elliptical Dlamond Stylus Stereo Cartridge, Shpg. wt., 157 lbs.

99 R 99921WXM

Net 415.65

Finest..

Imitated But Never Duplicated!

240 Watt Deluxe Solid State AM | FM Stereo Receiver LAFAYETTE LR-1500TA



## LAFAYETTE'S

## AWARD-WINNING LR-1500TA

### AAA 2-YEAR GUARANTEE See Page 415 for Terms

# | IC's + 6 FET's + 39 Transistors + 35 Diodes + 2 Thermistors

- 240 Watts ±1 db., 190 Watts (IHF) at 4 ohms
- IHF FM Sensitivity 1.5<sub>4</sub>v
- Automatic Stereo FM Switching
- Adjustable Automatic FM Interstation Muting
  - Center Channel Monaural Output

Lafayette's latest and better than ever deluxe solid state AM/FM Stereo receiver in the acclaimed and award winning LR.1500 series! The LR.1500TA stereo receiver is expressly engineered to blend the ultimate in high fidelity sound with superb performance long life, and space-age reliability. In addition to its complement of fine quality transistors the LR.1500TA includes 4 Integrated Circuits (ICs) and 5 high-performance Field Effect Transistors to provide truly sterining FM stereo reception and audio reproduction. You'll hear more stations—the weak as well as the strong, with amazing, noise-free clarity and tonal purity. Features patent pending computer designed protective circuitry for virtually footpoof protection against burnout or fallure of audio driver and power output transistors, and "ACRITIONE" circuity for foliphod visual uning accuracy. Utilizes a currepolate set of automatic and manual confrols such as: Automatic FM stereo/mono switching; sharp, adjustable Muting circuit to silence the receiver when tuning between stations; dual system speaker switch which permits enjoyment of stereo.

- Built-in AM and FM Antennas
- Exclusive Front and Rear Panel Tape Output Jacks Illuminated Selector Function Indicator Jewels
- Massive, Regulated Power Transformer Insures

Proper Tuner/Amplifier Operation

reactories to the paper stereor headphone jack for enjoyable private stereor listening; and a center channel low level output for monaural amplifier and speaker. Separate input put it or monaural amplifier and speaker. Separate input put it or monaural amplifier and speaker. Separate input section has a separate 3gang funing condenser and if stage to accommodate the full sound potential of standard AM proadcasting, incroprates builtien FM and AM antennas plus connections for external local and distant FM and AM antennas puts connections for external local and distant FM and AM antennas bus connections for external local and distant FM and AM artennas bandsome gold smodized extruded aluminum front panel with matching knobs and includes an attractive vinyiculal metal endolastine finished with the simulated look of fich wahrul wood-grain. For 117v., 30/60 Mz. C. Imported. 5512 1654. x 43% x 1440°. Shpg. Wt., 3444 lbs. light for tape monitoring without changing cable condirect tape monitor switch and tape monitor jeweled indi

Attractive Oiled Walnut Wood Cabinet for LR-1500TA. 21 R 01582W Shpg. wt., 842 lbs.

## ACRITUNE

Precision Tuning Indicator

## COMPUTOR-MATIC<sup>118</sup>

Automatic Overload Protection.

## ■ SPECIFICATIONS

190 Watts (IHF), 140 watts RMS at 4 ohms. Total Harmonic Distortion @ rated output. under 1%; @ 1 watt. 07%. Frequency Response: 20-20,000 Hz ± .75 db. Power Bandwidth: 18-55,000 Hz. Hum and Noise High Level Inputs. —55 db. Low Level Inputs. —60 db. Input Sensitivity: CER phono. 64mV(H), 150 mV(M), 400 mV(L), Mag phono. 1.8 mV(H), 4.5 mV(L), Aux. 225 mV; 7ape play 500 mV. Output Impedance: 4, and AMPLIFIER SECTION: Power: 240 watts ±1

Capture Ratio: 1.25 db. Selectivity: 50 db. FM Distorion @ 400 Hz. 0.2%. Stereos Separation: 40 db @ 400 Hz. 5/N Ratio (100% Modulation): 75 db. Spurious Response Rejection: 95 db. Cross-FM SECTION: 4 Gang Tuning condenser. Tuning Range: 88-108 MHz, IMF FM Sensitivity 1.5  $\mu v$ . modulation index: 90 db. Antenna Impedance: 300 ohms balanced input for external antenna. AM SECTION: 3 Gang Tuning Condenser. Tuning Range: 535-1605 kHz. Ext. Antenna Sensitivity: 15 µV.



Strength Meter Permits Fast Accurate Tuning On FM & AM and Acritune Indicator Light Assures Foolproof Accuracy on FM D'Arsonval **Illuminated** Softly

A fool-proof switching circuit with stereo indicating signal light automatically switches the receiver to either mono or stereo.



Sensitive FM "Front End" With Field Effect Transistors.
Completely shielded FM "Front End" with
F.E.T. RF amplifier and F.E.T. mixer plus
a 4-gang variable capacitor and four tuned
circults assure top reception of mono or
stereo FM stations.

Four superior Integrated Circuits (IC's) in the FM IF sages provide excellent, noise-free FM stereo reception and assure you of top performance for years to come. Circuits. Revolutionary Integrated





Hundreds of times faster than a fuse, this special circuitry cuts off operation of the amplifier before damage can result. Per-Overload Protection for Audio Transistors mits resumption of normal operation when cause of overload is removed. . . . Fuseless Automatic "Computer-Matic"



AM/FM Stereo Receiver

WITH No Money Down a

Precision Tuning Indicator **ACRITUNE** 

4 IC's + 32 Transistors + 5 FET's + 29 Diodes

150 Watts  $\pm$  1 db, 120 Watts IHF Output Power at 4 ohms IHF Sensitivity 1.65  $\mu \rm V$ 

Interstation FM Muting Control Switch Automatic FM Stereo Switching

extras to obtain the superb character of brilliant sound. The LR-1000B features the new space age miracle, integrated Circuits (IC's), buts FET's in the turn front end to assure outstanding selectivity, stability and superior capture ratio. Advanced circuitry is complemented by all the controls you need to odigust the sound to your particular tyste. Fine elatures include ACRITUNE indicator for fool-proof FM visual tuning accuracy, special high and low frequency proof FM visual tuning accuracy, special high and low frequency switchable noise filters, front panel 4 and 8 ohm headphone output jack for silent listening, tape output jack for direct tape recording, tape monitor plus tape monitor filuminated jewel indicator, loudness Every performance feature that you'd expect to find along with many

source or external component. Has 1 switched and 1 unswitched AC arceptacle. The LR-1008's professional styling is enhanced by an attractive 2 tone anodized extruded aluminum front panel and a simulated walnu grain metal case. For 105-120 VAC, 50/50 Hz. Size: 1575 x 5 x 1370 (incl. rear projections). Imported. Net 259-95 99 R 01984W Shpg. wt., 31 lbs.
20 led Walnut Wood Cabinet For LR-1000B. Shpg. wt., 8 lbs. Size: 18.55. switch, signal strength tuning meter, colored function lights, and automatic PM stereo inclidator light. Complete input and output facilities designed for easy installation and connection to any program

SPECIFICATIONS

AMPLIFR SECTION—Power: 150 watts, ±104, 120 watts HF, at 4 ohms. Response: 22-22,000 Hz ±10b Harmonic Distortion: less than 1% at rated maximum output. Hum and Notes: Phono (mag) —600b, axxillary —750b. Power Banawidth: 133-5,000 Hz. Input Sensitivity: Phono (high) mag. 2.2mv., cer. 75 mv., proto (high) mag. 2.2mv., cer. 75 mv., proto (low) mag. 7 mv., cer. 15 mv., ax 350mv. output (imped. 4-8 ohms; 8 ohm stereo headphones. TURER SECTION—4 GARG TUNING COndenser, Usable FM Sensi-tivity IHF: 1.65.vx FM Stereo Separation: 40db dd 400 H. Signal-4c-Noise Ratio: 75db Spurious Response Rejection: 95db Harmon Ediscottorie: @ 100% modulation, 0.3%. Capture Ratio: 1.5db. Cross Modulation Index: 90bc. FM Antenna Impedance: 200 ohms balance AM Section: 3 gang tuning condenser. IHF Terminal Sensitivity: 184v.

See Page 415 For Terms GUARANTEE AAA



Shows relative signal strength of received AM or FM station. Also shows when an AM station is properly tuned in. Lights up when you are tuned to a stereo broadcast (with Mode In "Stereo") AUTOMATIC FM STEREO INDICATOR

Indicator lamp lights when receiver is pre-cisely tuned to a FM station. "ACRI-TUNE"



Unousually high Selectivity is achieved by the Use of a 4-gang variable capacitor in the FM front-end. The AM tuner features 3-gang variable capacitor resulting in excellent AM selectivity. 7-GANG VARIABLE FM/AM TUNING CAPACITOR

Built-In FM Antenna Plus Flexible Swivel-Mount AM Antenna

Center Channel Output

Front Panel Stereo Headphone and Tape Output Jacks

High/Low Phono Sensitivity Switch



Phono, Auxiliary, or Tape Mon-itor settings of Selector and Mode switch. COLORED LIGHTS indicate



SWITCHES for Loudness, Low Filter, High Filter, and Mute for minimizing interstation tuning noise between FM sta-

See Pages 42 and 43 for LR-775 2- Channel and Derived 4- Channel Stereo HI-Fi Systems with LR-1000B

## Lafayette 100-Watt Solid State AM/FM Stereo Receiver

INTEGRATED CIRCUITS, + 4 FET'S + 24 TRANSISTORS + 25 DIODES + 2 THERMISTORS

- 100-Watts ±1 db, 80-Watts IHF, at 4 0hms
- 4-Gang FM Tuning Condenser
  - Fused Output Transistors

The 100-waft stero receiver is one of Lafaette's finest with its distinc-the styling and advanced solid-state circuitry futury a thing of beauty with top-notch stereo performance. The large funing panel is black when the power is off, thus blending harmoniously even with the most luxunous decors. When the power is turned on, the turning meter, FM stereo indicator and AM and FM atlast light up and are revealed with the urmost clarity, thus senharding the attractive appearance of the LR-775 and that of the room in which it performs. Another styling innovation is the aluminum and black knobs which contrast honcey. With the gold anodized brushed aluminum panel trim. The LR-775's sensitive FM Stereo circuitry will receive even the weakest signals while main-faining excellent fidelity and freedom from distortion. The AM tuner section offers very good selectivity plus a built-in, fexble-mount ferrite loopstick

Referral for optimum sensitivity. A meticulously designed amplifier section gives faithful reproduction with more than adequate volume from any program source. Output transistors are fused for full overload protection. In addition to the illustrated reserve the LR775 siston has a selector switch for with, Proon 184, MPA filter, and ANI, Front and rear panel jacks for labe outbuts; Rear panel stereo inputs for magnetic and ceramic prions. Also, Record, and dape flay, and one switched plus one unswitched &C convenience effects, complete with built-in M anterna and provision for external AM and mitted and another 2016 MS. Size: 14-ywx4M and materials. Power requirements: 105-120 VAC, 50/60 HS. Size: 14-ywx4Ms.

 Front and Rear Panel Tape Output Jacks Automatic FM Stereo Switching and Stereo Indicator Light

104/"0, Imported, Shpg, wt., 20 lbs. 99 R 02156W No. Money Down's 21 R 01681 WW Oiled Walnut Wood Cabinet for LR-775. 6½ lbs.Net. 19.95 SPECIFICATIONS.

AMPLIFIER: Power Output, 100 watts ±10b, 80 watts HF, at 4 ohms; Fequency Response, 2.02,0,000 H ±1db; Power Bandwidth: 15.30,000 Hz; Rammoir Distortion: Less than 1% at refer output, 0.07% at 1 watt. Hum and Noise Aux. —75db; Prono (mag) —95db; Innet Sensitivity: Prono (mag) 2.3 my, (ceramic) 80 my, Aux. 250 my, Tape Monitor, 500 my, Univer Impedance: 8 ohms.

TUNER, FM. 4-Gang Tuning Condense; B8-108 MHz; IHF Sentifuty: 1.7 "uv. 57 NR Ratio-7546 (100% Whod), Distortion: 0.25% (at 400 Hz 100% Mod), Cap. ure Ratio: 1.5dp; Stere WHX Separation: 4.0db (400 Hz); Crass Madulation index 90db. 10ms; Relacions on 80db 10ms; And Andrewser; 53.5-1650 MHz; IHF External Antenna Sensitivity; 20 µv; Imnage Relaction: 55db.

Distinction

Space Age Styling

Amazing Performance

See Page 415 For Terms



Meter for ac-FM and AM tuning of stations.



Phones

phone Jack for enjoyable pri-vate stereo lis-

ront Panel

stereo Head-

Automatic FM cally switches to stereo mode cator when you une to a stereo Stereo automatand lights inditation.



sound to main or remote separately or to Speaker Mode switches both sets simultaneously, plus a headphone only posiion for private listening. speakers



ushbutton function Switches for activation of Loudness, Stereo or Monaural, Tape Monitor, or High Filter functions.

Lafayette Cat. No. 720

# Compare the Features! Compare the Price!



With Case ONLY

AAA 2-YEAR GUARANTEE

See page-415 for terms

# LAFAYETTE 50-Watt Solid-State AM/FM Stereo Receiver

## SPECIFICATIONS

HM: 4 Gang Tuning Condenser; Tuning Ranger 82-108 MHz; IN sensitivity: 2-5 µr. 5/N Ratio —60 db; Distor-10rin: 0.7% at 100% Mode; Capture Ratio: 5 db; Serieo MPX, Separation: 5 db; 4 db; Selectivity; 40 db; 5 MH: 3 Gang Tuning Condenser; Tun-

#### ing Range: 535-1605 kHz AMPLIFIER SECTION

uency Response: 20-0,000 Hz
=1.5 db, Harmonic Distortion: 0.1%
at 1 Watt : Hum/Noise: High Level
Inputs: —50 db (4daz, phono); Input
smitc Phono, 80 mw; Aux., 259my,
amic Phono, 80 mw; Aux., 259my Power Output: 50 Watts ±1 db at 4 ohms; 40 Watts INF at 4 ohms; Power Bandwidth: 35.30,000 Hz; Fre-Output Impedance: 4-8 ohms: 8 ohm

- Automatic FM Stereo Switching and Stereo 50-Watts ±1 db Stereo Amplifler
  - Indicator Light
- Illuminated Signal Strength Tuning Meter 4-Gang FM Tuning Condenser
- An outstanding hi-fi value, the Latayette LR-100 fea. Tures deluse decorator-designed styling plus fullitance, full-fidelity sound from thrilling stere or mono FM broadcasts, AM broadcasts, as well as the phono or tape. A full complement of front panel tone controls (Bass, Teble, Volume/Balance) and push authors witches (Loudress, Stereo/Mono, Haib Filter) enable the LR-100 to be tailored to the acoustical sound characteristics of any room, and to match the cound characteristics of virtually any phono cartifies, tape player or speaker system—performance features normally included only on much more teatures normally included only on much more expensive hi-fi components. Excellent smelitivity, selectivity, and capture ratio are inherent in the feetingologically, advanced and long-life circuity, or the LR-100. You will be delighted with the clear

See Pages 38 and 39 for LR-100 2 Channel and Derived 4 Channel Stereo Hi-Fl Systems

- 33 Transistors, 25 Diodes, 2 Thermistors
- Built-in FM plus Flexible-Mount AM Antenna Front and Rear Panel Tape Output Jacks
  - Front Panel Stereo Headphone Jack
- High Frequency Filter

reception of the weak as well as the stronger statutors. The amplifier section has power to spare and can easily drive main and remote store spakers to produce clean, room-filling, wall-towall sound, some additional fine features of the LR-100 are: automatic stere owtholing, signal-strength tuning mater for more accurate funing; MPX filter, FM is stere indicator light; front and rear panel tape outputs for easier tape recording, stereo headphone outputs, distinctively styled front banel and attractive simulated wainter \$2019.00 for the simulated wainter \$2019.00 for the simulated wainter \$2019.00 for 105-120 VMC \$50.60 MY. Imported, Shig. wt., 19 lbs.



4-gang FM Tuning Con-denser in extra sensitive FM Front End provides outstanding s and selectivity,

Strength Tuning

Illuminated





Stereo Switching Cir. ion of FM stereo tion with automatic FM FM Stereo Indicator Light works in conjuncstation.



switches sound to main ously, plus a headphone or remote speakers sepor simultane-Speaker Mode only position.

# Lafayette Brings Stereo Enjoyment To Everyone!



SENSATIONAL LOW PRICE!



see page 415 for terms

# LAFAYETTE 25-Watt Solid-State AM/FM Stereo Receiver

## SPECIFICATIONS

17

AMPLIFIER SECTION
Power Output: 25 Watts ± 1 db, 20Watts (IRF): Power Bandwidth, 40.25,
000 Hz, Frequency Response: 20.20,
000 Mz ± 1 db, Narmonium Listantiudi,
0.2% at 1-Watt; Input Sensitivity:
AUX, 250 MY, Phono CER, 240 MY;
Hum and Moise: AUX, 55 db; Phono
CER, 55 db; Impedance: 4-8 ohm

FM—88-108 MHz; HF Sensitivity: 3.5 N, 15.14 Ratio. —50 db. Ditorition: 0.7% at 100% mod.; Spurious Rejec-tion: 80 db; Capture Ratio: 5 db; MPX Septration: 30 db (% dt0 Mr, Alternate Channel Selectivity: 35 db. AM—53-1606KHz; 3 Gang Tuning TUNER SECTION

25-Watts ±1 db Stereo

- Automatic FM Stereo Indicator
  - Automatic Station Lock-In

cally signals the presence of an FM stereo broadcast. The LR-75 features the following desirable controls. PROGNAM ELLEGTOR (Aun for the muric lovers who want the "very Dest" but must consider their budgets, the LATS is the modern solution to big AM/FM stereo sound at a low price! All solid-state livers clean, crisp stereo realism with a maximum degree of freedom from unwanted interference and nolse. Among the many converience Teatures. There are AUTOMATIC STEREO/MONO SWITCHING and a simultanious STEREO INDICATOR LIGHT that automatic. IASS and TREBLE controls: dual concentric circultry (24 transistors, 21 diodes) de liary, Phono CER., FM, MPX Filter, and AM) NOW AT A SENSATIONALLY LOW PRICE

Built-In FM plus Flexible Mount AM Antennas

- Front Stereo Headphone Jack
- Front Panel Tape Output Jack

VOLUME/BALANCE; and TUNING. In addition there are sea-saw increar switches for POW-ER on/orf, LOUDNESS contour, LOCK automatic frequency control, STEREC/MOM mode, and switches for two separate speaker system selection, (lets you turn on or off both MAIN and REMOTE speakers). It also includes a front panel tape output lack and stereo headphone jack; plus unswitched AC convenience outlet on rear panel. The unit comes in a handsome, vinyl clad, heavy gauge metal enclosure, with the simulated look of rich walnut wood grain. Front panel and knobs are matching brushed gold ano-died cutruded oluminum, For 106/120 VAC, 50/60 Hz. 13W x 97/8D x 4½"H. Imported. 99 R 02362W Wt , 15 lbs

receiver has ed to FM Stereo Light Indicator works when receiver has been tuned to stereo station and rec operation



wo-speaker system se-ection: you can furn lection: you can turn "On or Off" either Main, Remote or both of two stereo speaker systems.

Front Automatic LOČK

panel head-jack for private listening. stereo

(AFC) assures drift-free FM

See Page 37 For LR-75 Stereo Mi-Fi Systems

control to Loudness



From Individual **Catalog Prices** 

Lafayette 4-Channel Stereo Adapter with 2 Lafayette Criterion 25A Speaker Systems

PACKAGE 6285

MONEY SAVING CKAGES Lafayette 4-Channel Stereo Adapter with 2 Lafavette Criterion 50A Speaker Systems

COMPLETE PACKAGE

Featuring the LAFAYETTE 4-CHANNEL STEREO ADAPTER

See Page 468 for Complete Description of the Lafayette 4-Channel Stereo Adapter



**SAVE 15.00** From Individual

Lafavette 4-Channel Stereo Adapter with 2 Lafayette Criterion 100B Speaker Systems Catalog Prices PACKAGE

**SAVE 20.00** 

Lafayette 4-Channel Stereo Adapter with 2 Lafayette Criterion 4X Speaker Systems

From Individual Catalog Prices COMPLETE

#### Convert to 4 Channel with These Money Saving Packages

SAVE an ADDITIONAL 9.00 When You Buy the NEW LAFAYETTE/Pickering Phase 44 Elliptical Diamond Needle Cartridge with the Above Package

See page 83 for description of Lafayette/Pickering Phase 44 Stereo Cartridge.



SAVE 7.00 When You Buy the Lafayette 4-channel adapter and 2 Lafayette Criterion 25A 2-way 2-speaker systems. (See page 56 for description of the 25A's). Shg. wt., 28 lbs 99 R 99855WM No Money Down\* Net 62.85

Same package as above plus Deluxe Lafayette/Pickering Phase 44 Elliptical Dlamond Needle Cartridge. Shpg. wt., 28 lbs. 99 R 99863WM No Money Down\* Net 98.80

SAVE 15.00 When You Buy the Lafayette 4-Channel adapter and 2 Lafayette Criterion 100B 3-way 3-speaker systems (See page 58 for description of the 1008's), Shpg. wt., 65 lbs.

99 R 99897WXM No Money Down\*

Net 114.85

Same package as above plus Deluxe Lafayette/Pickering Phase 44 Elipitical Diamond Needle Stereo Cartridge. Shpg. wt., 65 lbs. 99 R 99905WXM No Money Down\* Net 150.80

SAVE 10.00 When you Buy the Lafayette 4-channel adapter and 2 Lafayette Criterion 50A deluxe 2-way 2-speaker systems (See page 57 for description of the 50A's). Shpg. wt., 47 lbs. 99 R 99871WUXM No Money Down No. Net 79.85

Same package as above plus Deluxe Lafayette Pickering Phase 44 Elliplical Diamond Needle Stereo Cartridge. Shpg. wt., 47 lbs. 99 R 99889 WUXM No Money Down Net 115.80

SAVE 20.00 When You Buy the Lafayette 4-channel adapter and 2 Lafayette Criterion 4X 4-way 4-speaker systems (See page 60 for description of the Criterion 4X's). Shpg. wt., 83 lbs. Net 168.85

Same package as above plus Deluxe Lafayette/Pickering Phase 44 Elliptical Diamond Needle Stereo Cartridge. Shpg. wt., 83 lbs. 99 R 99848 WXM No Money Down\* Net 204.80

#### CONVERT to a Discrete 4-Channel Stereo System with the new Lafavette QUADNAURAL AUXILIARY AMPLIFIER

AAA 2-YEAR GUARANTEE See Page 415 for Terms



ONLY

No Money Down\*

#### DISCRETE 4-CHANNEL SYSTEM HOOK-UP

Front Speakers Existing Amplifier or Receiver A-424 Aux. Amp

Rear Speakers

#### **OUTSTANDING FEAT**

- Exclusive Master Gain Control For All 4-Channels of Both **Amplifiers**
- Dual Bass and Treble Controls For 2 Rear Channels
- · Main and Remote Speaker Selection For 2 Rear Channels
- Loudness Control to Enhance Bass Quality at Low Listening Levels
- Comes Supplied with All Interconnecting Amplifier Cables
- Power Output 50 Watts ± 1 db
- Your present 2-channel stereo system is not obsolete. LA-424 Quadnaural Auxiliary Amplifier and 2 more speakers and thrill to the spectacular realism of discrete 4-channel sound reproduced thru 4 separate amplifiers.
- The Quadnaural Amplifier also has built-in Lafayette 4-channel "Composer" circuitry to derive 4-dimensional sound from 2-channel stereo records, tapes, and FM broadcasts without the need for any additional external adapter.

The LA-424 Quadnaural Auxiliary Amplifier has been designed for converting regular 2-channel stereo systems into magnificent discrete 4-channel stereo systems. It cannot be used as a regular 2-channel stereo amplifier by Itself. With the addition of the LA-424 and 2 more speakers you are now ready to plug-in a discrete 4-channel input source such as a 4-channel 8-Track cartridge or reel-to-reel deck. The LA-424 has another exclusive feature built-in, the Lafayette Composer Circuit. This enables the listener to derive 4-dimensional sound from 2-channel stereo records, tapes, and FM broadcasts without the need for any additional external amplifier or adapter. Specifications: Power output: 50 watts ± 1 db, 40 Watts IHF, Frequency Response: 20-20,000 Hz ± 1.5db; Harmonic Distortion 0.07% at 1 kHz at 1-Watt; Channel Separation: 60db at 1 kHz; Power Bandwidth 35-30,000 Hz; Speaker Impedance 4, 8, 16 ohms; Stereo Headphones, 8-ohms. Controls: Dual Master Volume—Front and Rear, Dual Bass and Treble, Switches for "Composer" On/Off, MonoStereo Mode, Loudness On/Off, Speakers—Main/Remote. Front panel headphone jack. 1-AC Convenience Output (unswitched) on rear panel. Only 10/5w X 374/1 X 83%"D. Complete with simulated walnut vinyl-clad metal case. For 105-120 VAC, 50/60 Hz with AC power fuse. Imported. Net 59.95 used as a regular 2-channel stereo amplifier by Itself. With the addition of the LA-424 and

#### YOU CAN DEPEND ON Lafayette®

#### 3 CONVENIENT WAYS TO SHOP

#### by mail

Shop in the comfort of your home at any time no matter where you live. Simply fill in order blank and mail. See pages 416 and 417 for helpful ordering information.

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Visit any of our 53 large modern Lafayette Stores listed below and on the facing page, or any of the 260 Associate Stores from Coast to Coast. See the Catalog come to Life and many other exciting displays. Consult your telephone Directory for the Store nearest you.

#### and by phone

Enjoy the extra convenience of shopping by phone. Simply dial 516-921-7500. Just give your C.O.D. order to our personal service shopper and your shopping is done, quickly and easily.

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To serve you better, automated computer order filling system with the latest in mail order processing means most orders are shipped within 24 hours.

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See page 415 for Lafayette's Liberal Guarantees.

#### WIDEST SELECTION

Widest selection of the finest hi-fi, stereo, components, systems, C.B., and radio electronic equipment is at your fingertips in this catalog, along with taperecorders, musical instruments, accessories, and useful items of all kinds.

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C.O.D. Orders Only 516 921-7500

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#### **NEW YORK** 11226 NEW POCHELLE 10801 SCARSDALE 10583 2265 Bedford Ave. (cor. Snyder Ave.) 218 North Ave. (Opp. Mocy's Mall) 691 Central Ave. Phone: 212 469-8900 Phone: 914,235-5101 (1/2 mile north of Ardsley Rd.) Phone: 914 472-2700 **BUFFALO** (Amherst) 14226 N.Y.C.-45th STREET 10036 3600 Sheridan Dr. 49 West 45 St. SYOSSET 11791 (At Millersport Hway.) 111 Jericho Turnpike (Between 5th-6th Aves.) Phone: 716 833-2826 Phone: 212 757-3121 (West of So. Oyster Bay Rd.) Phone: 516 921-7700 HEMPSTEAD 11550 N.Y.C.-UNION SQUARE 120 N. Franklin St. SYRACUSE (WEST) 13219 17 Union Square West (cor. 15th St.) (2 blocks N. of Fulton Ave.) 3548 West Genesee St. Phone: 212 924-4433 Phone: 516 538-6464 (Opp. Fairmont Fair) Phone: 315 488-4921 N.Y.C.-WARREN ST. 10007 JAMAICA 11433 45 Warren St. 92-35 Merrick Blvd. SYRACUSE (EAST) 13224 (Between Church and W. Broadway) NEW (Bet. Jamaica & Archer Aves.) 2544 Erie Blvd. East Phone: 212 964-0334 Phone: 212 291-7000 (East of Midler Ave.) Phone: 315 446-3800 LAKE GROVE ROCHESTER-IRONDEQUOIT 14621 11755 999 Ridge Road East 2848 Middle Country Rd. (Carter St. exit of Keeler Expressway) (Rt. 25-1/4 mile E. of Smithhaven Mall)

Phone: 716 467-1310

(Opposite Pittsford Plaza)

Phone: 716 586-6331

(Adjoining Artan's)

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11563

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#### 53 CONVENIENT SHOPPING LOCATIONS

***************************************	CONNECTIONS	NEW JERSEY
MASSACHUSETTS	CONNECTICUT	NEW JERSET
BOSTON 02215	BRIDGE PORT 06603	NEWARK 07102 24 Central Ave. (west of Broad St.)
584 Commonwealth Ave. (1/2 black above Kenmore Sq.)	Lafayette Plaza NEW (Exit 27 on Conn. Tpke.)	24 Central Ave. (west of Broad St.) Phone: 201 622-1661
Phone: 617 267-8900	Fall 1971	PARAMUS 07652
NATICK 01760	HAMDEN 06514	182 Route 17
1400 Worcester St. (Rt. 9 opp. Shopper's World)	2100 Dixwell Ave. (Hamden Plaza Shopping Center)	(1 mile north of Gorden State Plaza) Phone: 201 261-8800
Phone: 617 875-6146	(Adjoining Pegnotaro's) Phone: 203 248-2182	PLAINFIELD 07060
SAUGUS 01906	WEST HARTFORD 06117	139 W. 2nd St.
Saugus Plaza Shopping Center (Rt. 1 & Walnut St.)	357 North Main St. (Cor. Albony Ave.)	(1 block east of Front St.) Phone: 201 756-5100
Phone: 617 233-6710	Bishop's Corner Shopping Center Phone: 203 236-0693	TOTOWA 07512
WEST ROXBURY 02132		410 Route 46
1530 V. F. W. Parkway (1 mile north of Dedham Mall)	PENNSYLVANIA	(1/2 Mile E. of Willow Brook Shopping Center) Phone: 201 785-1763
Phone: 327-0300	BRIDGEVILLE 15017	
OHIO	Washington Pike (Adj. Zoyres)	MARYLAND
OHIO	(Great Southern Shopping Center) Phone: 412 221-7888	BALTIMORE/CATONSVILLE 21227
COLUMBUS 43228	KING OF PRUSSIA 19406	NEW Rolling Rd. (No. of Rt. 40) Fall 1971
4676 West Broad St. (Adj. Zoyres) (Lincoln Plaza Shopping Center)	King of Prussia Shopping Center (Routes 202 and 23)	GLEN BURNIE 21228
Phone: 614 878-6462	Phone: 215 265-3300	316 S. Ritchie H'way
COLUMBUS 43213	LANCASTER 17603	Glen Burnie Shopping Center (So. of Old Annapolis Rd.)
Great Eastern Shopping Center (Hamilton Rd. & Main St.)	2152 Lincoln Plaza (Adjoining Two Guys)	Phone: 301 760-5700
Phone: 614 861-8660	Phone: 717 397-3681	MT. RAINIER/HYATTSVILLE 20822
COLUMBUS 43224 3395 Cleveland Avenue	MONROEVILLE 15146 4045 William Penn Highway	3191 Queens Chapel Rd. (Rt. 500) At Chillum Ave.
(Northern Lights Shopping Center)	Monroe Plaza Shopping Center	Phone: 301 779-7020
Phone: 614 267-3106	Phone: 412 373-0060	ROCKVILLE 20852
MENTOR 44060 7531 Mentor Ave.	PHILADELPHIA 19095 8156 Ogontz Ave.	NEW (So. of Viersmill Rd.)
(1/4 Mile W. of Great Lakes Shopping Center)	Wyncote (Cheltenham Township) (Opp. Cheltenham Shopping Center)	Fall 1971
Phone: 216 951-8400	Phone: 215 885-2140	TOWSON 21204
NORTH OLMSTED 44070 Great Northern Blvd. (At Brookpark Rd.)	PITTSBURGH 15237	(Loch Roven Plaza) Phone: 301 825-7750
NEW (Olmsted Plaza—Adj. to Tops)	North Hills Village Shopping Ctr. 4801 McKnight Rocd	
PARMA-HEIGHTS 44130	Phane: 412 366-0810	VIRGINIA
6425 Pearl Road	ILLINOIS	FALLS CHURCH 22044 Flaza 7 Shopping Center
(3 Blocks W. of Stumph Rd.) Phone: 216 884-2393	ARLINGTON HTS. 60000	(cor. Wilson & Roosevelt Blvd.)
TOLEDO 43613	Rand Rd. (At Arlington Hights. Rd.)	(across from 7 corners) Phone: 703 534-5772
Miracle Mile Shopping Center	(2 Mi. N. of Randhurst Shopping Center)  WEW North Point Shopping Center	GEORGIA
(Jackman and Lasky Roads) Phone: 419 479-9167	Fall 1971	
TOLEDO	CHICAGO 60652 Ford City Shopping Center	ATLANTA 30327 47 West Paces Ferry Road N.W.
Woodville Rd.	(760) South Cicero Ave., Adj. Weiboldts);	West Paces Ferry Shopping Center
NEW (Opp. Woodville Mall) Winter 1971	Phone: 312 767-5400	(opposite Sear's) Phone: 404 237-8206
WARRENSVILLE HTS. 45222	MORTON GROVE 60053 7032 Golf Road	DECATUR 30032
Emery Rd. at North Field Rd.	(Galfview Shopping Center) Between Harlem & Waukegan Rd.	4610 Memorial Drive (Grant City Shopping Center)
NEW (Across from Uncle Bills) Fall 1971	Phone: 312 966-4034	Phone: 404 292-3474

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#### OPEN AN EASY-PAY CREDIT ACCOUNT TODAY

EXTENDED PLAN

TAKE UP TO 2 Years To Pay

## 2 CREDIT PLANS

TO SUIT YOUR INDIVIDUAL NEEDS

STANDARD PLAN

TAKE UP TO 16 Months To Pay

#### **NO MONEY DOWN**

 It's easy to open a credit account. Simply fill in application on back of order blank when you send your order.  Add-on any time you like. No money down and usually at no increase in monthly payment.

EASY PAY PAYMENT SCHEDULE

					_
\$250.01 to		STANDARD		EXTENDED	
(Amount Financed) Is		Add for FINANCE	Monthly Payment	Add for FINANCE	Monthly
From	To	CHARGE	Is	CHARGE	Payment Is
\$490.01	\$500.00	\$64.75	\$35.00	\$98.00	\$25.00
480.01	490.00	63.50	34.50	96.00	24.50
470.01	480.00	62.25	33.50	94.00	24.00
460.01	470.00	61.00	33.00	92.00	23.50
450.01	460.00	59.50	32.50	90.00	23.00
440.01	450.00	58.25	31.50	88.00	22,50
430.01	440.00	57.00	31.00	86.00	22.00
420.01	430.00	55.75	30.00	84.00	21.50
410.01	420.00	54.25	29.50	82.00	21.00
400.01	410.00	53.00	29.00	80.00	20.50
390.01	400.00	51.75	28.00	78.00	20.00
380.01	390.00	50.50	27.50	76.00	19.50
370.01	380.00	49.00	26.50	74.00	19.00
360.01	370.00	47.75	26.00	72.00	18.50
350.01	360.00	46.50	25.00	70.00	18.00
340.01	350.00	45.25	24.50	68.00	17.50
330.01	340.00	43.75	24.00	66.00	17.00
320.01	330.00	42.50	23.00	64.00	16.50
310.01	320.00	41.25	22.50	62.00	16.00
300.01	310.00	40.00	22.00	60.00	15.50
290.01	300.00	38.50	21.00	58.00	14.50
280.01	290.00	37.25	20.00	56.00	14.00
270.01	280.00	36.00	19.50	54.00	13.50
260.01	270.00	34.50	19.00	52.00	13.00
250.01	260.00	33.25	18.00	50.00	12.50

		T.UT			
\$100.01 to	\$250.00	STANDA	RD PLAN	EXTENDED	PLAN
If Unpaid		Add for	Monthly	Add for	Monthly
(Amount Fin	nanced) is	FINANCE	Payment	FINANCE	Payment
\$240.01	\$250.00	\$32.00	\$17.50	\$48.00	\$12.00
230.01	240.00	30.50	17.00	46.00	11.50
220.01	230.00	29.25	16.00	44.00	11.00
210.01	220.00	28.00	15.50	42.00	10.50
200.01	210.00	26.50	15.00	40.00	10.00
195.01	200.00	25.75	14.50	39.00	9.75
190.01	195.00	25.25	14.00	38.00	9.50
185.01	190.00	24.50	13.75	37.00	9.25
180.01	185.00	23.75	13.50	36.00	9.00
175.01	180.00	23.25	13.00	35.00	8.75
170.01	175.00	22.50	12.50	34.00	8.50
165.01	170.00	22.00	12.00	33.00	8.25
160.01	165.00	21.25	11.50	32.00	8.00
155.01	160.00	20.50	11.00	31.00	7.75
150.01	155.00	20.00	10.75	30.00	7.50
145.01	150.00	19.25	10.50	29.00	7.25
140.01	145.00	18.50	10.50	28.00	7.00
135.01	140.00	16.75	10.50	27.00	6.75
130.01	135.00	16.25	10.25	26.00	6.50
125.01	130.00	14.50	10.25	24.00	6.50
120.01	125.00	14.00	10.00	23.00	6.25
115.01	120.00	12.50	10.00	21.00	6.25
110.01	115.00	12.00	10.00	20.00	6.00
105.01	110.00	10.50	10.00	18.35	6.00
100.01	105.00	9.25	10.00	17.50	5.75

The ANNUAL PERCENTAGE RATE of each FINANCE CHARGE set forth in the above tables is 17.75%. The number of payments will be the Total of Payments (Amount Financed plus the FINANCE CHARGES) divided by the amount of one monthly payment.

\$50.01 to	\$100.00	ST	STANDARD PLAN			EXTENDED PLAN		
	d Balance Inanced) Is To	Add for FINANCE CHARGE	Monthly Payment Is	ANNUAL PERCENTAGE RATE	Add for FINANCE CHARGE	Monthly Payment Is	ANNUAL PERCENTAGE RATE	
\$95.01	\$100.00	\$9.25	\$10.00	18.50%	\$15.65	\$5.50	17.50%	
90.01	95.00	9.25	9.75	19.50	14.85	5.50	17.50	
85.01	90.00	9.25	9.50	22.50	13.45	5.25	17.75	
80.01	85.00	9.25	9.25	23.75	12.00	5.25	17.75	
75.01	80.00	9.00	9.00	24.50	10.70	5.00	17.75	
70.01	75.00	8.40	8.00	24.50	10.00	5.00	18.75	
65.01	70.00	7.80	7.50	24.50	10.00	5.00	21.25	
60.01	65.00	7.20	7.00	24.50	10.00	5.00	24.50	
55.01	60.00	6.65	6.50	24.50	8.55	5.00	24.50	
50.01	55.00	6.10	6.00	24.50	7.25	5.00	24.50	

Г	\$20.00 to	\$50.00	STANDARD PLAN			
	If Unpaid (Amor Finance From	unt	Add for FINANCE CHARGE	Monthly Payment Is	ANNUAL PER- CENTAGE RATE	
	\$45.01	\$50.00	\$6.00	\$5.00	24.50%	
	40.01	45.00	5.25	4.75	26.00	
	35.01	40.00	4.75	4.25	26.75	
ı	30.01	35.00	4.50	3.70	29.25	
П	25.01	30.00	3.50	3.35	30.00	
	20.00	25.00	3.00	2.70	32.00	

OVER \$500.00. Please write for terms for amounts to be financed over \$500.00.

minimum ORDER-\$30 minimum "ADD-DN"-\$20

Number of payments will be Total of Payments (Amount Financed plus the FINANCE CHARGE) divided by the amount of one monthly payment.

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#### WHEN IN JAPAN VISIT OUR TOKYO SHOWROOM

Planet Research Inc. Minamizuka Bidg. 17-3 Shibuya 2 Chome Shibuya-Ku, Tokyo, Japan LAFAYETTE MODEL RK-850 20-WATT SOLID-STATE 8-TRACK STEREO AMPLIFIER/PLAYER

Marit Contract Contra LAFAYETTE

Speakers No Money Down\*

with EXCLUSIVE "REMOVE TAPE INDICATOR LIGHT"

Insures That You Do Not Damage The Tape Head and Your Cartridges

- 20-Watts ±1 db of Stereo Power
- Inputs For Phono, Tuner, Tape
  Tape Outputs Stereo Headphone Jack

The RK-850 combines a complete 8-track stereo playback system with a powerful 20-watt full feature stereo amplifier on one integrated chassis. Advanced solid-state circuitry (16 transistors, 3-dlodes, and 2-thermistors) provides instant-on play with superb high fidelity performance and reliability. The RK-850's exclusive "Remove Tape" indicator light will provide years of trouble-free 8-track performance . . . no longer will you have to worry about damaging the playback head by leaving a tape inserted in the player after you have turned the power off; a "Remove Tape" bubli Illuminates with the power turned off and a tape cartridge left fully inserted in the player. This feature will also preserve the life of your cartridges. Convenient operating features include: Pushbutton Track Selector; 4-Illuminated Track Indicator lights; Selector Switch for choice of inputs: Phono (with ceramic cartridge), Tuner, The RK-850 combines a complete 8-track stereo playback system

- Main and Remote Speaker Switch
- Individual Illuminated Track Indicator Lights
- Pushbutton Track Selector

and Auxiliary; plus tape output for external tape recorder. Pushbutton Switches for: Main and Remote speakers; Loudness Stereo/Mono mode; Power on/off with Pilot Lamp. Separate controls for Volume/Balance, Treble, Bass. Stereo headphone jack for private listening. SPECIFICATIONS: Tape Section—Response: 30 Hz to 10 kHz; S/N: 50 db; Wow and Flutter: 0.3% ms. Amplifier Section—Frequency Response: 20 Hz to 20 kHz; Separation: 60db; H/D: 0.2%; Input Sensitivity (Aux., Tuner, Phono CER.): 250 mV; Hum and Noise (Aux., Tuner, Phono CER.): 250 mV; Hum and Noise (Aux., Tuner, Phono CER.): 250 mV; Hum and Noise (Aux., Tuner, and Sensitivity (Aux.) Tuner, Phono CER.): 250 mV; Hum and Noise (Aux.) Sensitivity (Aux.) Tuner, Phono CER.: 170 db. Distinctive styling features a black front panel accented by brushed gold anodized aluminum trim and simulated walnut grain case. For 105/120 VAC., 60 Hz. Imported. Size: 12W x 334H x 91/6"D.

99 R 15836W Shpg. wt., 151/2 lbs.

Net 79.95



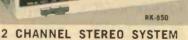
Criterion 2X

2 CHANNEL

SYSTEM PRICE

#### 20-WATT 8-TRACK STEREO PLAYBACK SYSTEMS





An excellent stereo system that consists of the Lafayette RK-850 20-watt Solid-State 8-Track Stereo Amplifier/Player with its hi-fidelity 8-track tape playback and exclusive "Remove Tape Indicator Light", 2 Lafayette Criterion 2X 2-speaker, 2-way acoustic suspension speaker systems, and speaker cable, Shgg. wt., 311/4 lbs. 21 R 90437WXM No Money Down" Net 98.95



4 CHANNEL SYSTEM PRICE

**SAVE 16.75** 

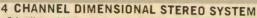
From Individual Catalog Prices







Lafavette 4-Channel Adapter



Enjoy the enriched audio of derived 4-channel dimensional stereo sound! Complete 20-watt 8-track stereo playback system as above PLUS Lafayette 4-Channel Adapter and 2 Lafayette Criterion 2X 2-speaker, 2-way acoustic suspension speaker systems.

Shg. wt., 52½ bs.
21 R 90445WXM No Money Down\* Net 152.95





Criterion 2X

See Pages 18 and 56 for Details on Above Components.

#### LAFAYETTE 160 Watt Solid State Stereo Amplifier

Enjoy the Richness of Superb Stereophonic Sound!



AAA 2-YEAR GUARANTEE See Page 415 For Terms

Solid-state stereo amplifier with more than adequate audio power Solid-state stered amplifier with more than adequate audio power for even the lowest efficiency speakers. Gives exemplary frequency response over a wide power bandwidth, Cool transistorized circuitry and compact distinctive styling make this an ideal amplifier for any location in your home. Its full range of controls provide complete operational fletwhility. Selector switch permits choice of program source from phono, tuner, auxiliary input or special microphone/musical instrument inputs which allow amplification of microphone and/or instrument in either a mono or stereo mode; Mode switch directs program source into stereo, mono, left or right channel; or taken monitor stereo. directs program source into stereo, mono, left or right channel; or tape monitor stereo, left or right modes. Speaker Mode switch; Concentric Balance/Volume, Treble, and Bass controls; Two pushbutton Migh and Low filter controls, and Two pushbutton Loudness controls that compensate treble and bass loss at low volume. Additional easy access front panel features include: Tape Output, 2 Mic/Musical Inputs, Headphone Output, Pllot Light, and Power switch. Rear panel has provisions for 6 stereo inputs including switchable high and low inputs for magnetic and ceramic phono cartridges, Auxiliary, and Tape input for a tape deck; a stereo output for tape recording through amplifier; Main and Remote Speaker terminals; phono sensitivity switch; and 2 AC convenience outlets (1 switched). For 117 VAC, 50/60 Hz. Size: 13x3/8x91/4". Imported. Shpg. wt., 19/4; lbs. 99 R 02305WX.

Model LA-125B with case ONLY

- 160 Watts ±1 db, 125 Watts IHF Output Power into 4 Ohms
- 2 FET's, 18 Transistors, 6 Diodes and 2 Thermistors • 2 Front Panel Microphone/Musical Instrument Jacks
- for Voice, and Musical Instrument Inputs

  Main-Remote Speaker Mode Switch

- High Gain Plus Low Gain Phono Inputs
   High Gain Plus Low Gain Tuner Inputs
- . Front and Rear Tape Output Jacks Low and High Frequency Filters
- Front Panel Stereo Headphone Jack
- Distinctive Styling

Power Output: 160 Watts ±1 db., 125 Watts IHF, at 4 ohms. Frequency Response: 22-20,000 Hz ±1 db. Power Bandwidth: 13-35,000 Hz. Harmonic Distortion: Less than 1% at rated power; 0.05% at 1 watt (IAHz). Channel Separation: 65 db at 1kHz. Hum and Noise: Aux. and tuner —75 db, mag. phono and

mlc/musical —56 db. Input Sensitivity: Aux. 250 mV; Tuner: (high) 750 mV. (low) 115 mV; Tape Play: 500 mV; Phono (mag.): (high) 2.2 mV, (low) 7 mV; Phono (ceramic): (high) 75 mV, (low) 24 mV. Low Frequency Filter: —17 db at 20 Hz. High Frequency Filter: -10 db. at 10 kHz

See Page 48 for LA-125B 2 Channel and Derived 4 Channel Stereo Hi-Fi Systems



Speaker Mode Switch selects Main or Main and Remote, Remote speakers, or headphones only.



Microphone/Musical Instrument jacks conveniently located on front panel.



ront panel stereo head-hone jack for private listening



Pushbutton switches for Low Filter, High Filter, and Loudness for tonal balance at low volumes

25



PERFORMANCE DEPENDABLE

Money Down\* 0 95

DISTINCTION

STYLING OF

AAA 2-YEAR GUARANTEE

See Page 415 for Terms

## Lafayette 100 Watt Solid State Stereo Amplifier

- 00-watts +1 db, 80-watts IHF at 4 ohms
  - Fused Output Transistors 2 FET's, 16 Transistors, 6 Diodes,
    - Thermistors
- High Frequency Noise Filter

dizec aluminum trim make this unit stand out and complement most any decor. Features outstanding versalitility for even the largest of living rooms as well as for a den or bedroom with maximum ideality and film extereo reproduction. All solid state for the ulmost in dependable service with such advanced features as push only just of pendable service with such advanced features as push only just of the wind the pendable service only just of the pendable service or pendable service and services as the pendable service and services are services. Distinctive styling and performance is the accent with the Lafayette IA-750 stereo amplifier, Black front panel confrasting with gold letatory a luminum and black knobs surrounded by a brushed gold and alized aluminum trim make this unit stand out and complement most high filter ... plus all the additional controls found on much more expensive units: separate bass, treble, and volume/balance controls for adjusting the amplifier to sult individual tastes. Speaker Mode switch selects main, main plus remote, remote speakers, or stereo Power Output: 100 Watts ±1 db. 80 Watts IHF at 4 ohms; Frequency Response: 20-20,000 Hz ±1 db; Power Bandwidth: 15-30,000 Hz; Harmonic Distortion: Less than 1% at rated output, 0.07% at 1 Watt; Channel Separation: 65 db at 1

see Page 47 for LA-750 2-channel & Derived 4-channel Stereo Hi-Fi

Main-Remote Separate/Simultaneous

- Front Panel Stereo Headphone Jack Speaker Switch
- Front and Rear Tape Output Jacks
  - Decorator Styling of Distinction

Switches sound to

main or remote simultaneously

In any predetermined location in your home. The headphone lack on the front pane has audio power at all times but with the Speaker Mode switch in the "Phones" position, only the headphones receive power oritering truly private itseling. Convenient tape output lacks on front and rear panels. Rear panel includes stereo inputs for faux, tuner, phono, Tape Play, and Tape Record, Fluser light and left channels; to protection against shorts and overloads; Remote and main respeaker outputs for stereo sound anywhere in your home without headphones. Permits maximum enjoyment of selected HI-FI programs extra amplifiers or switches; I switched and I unswitched AC outlet; AC power fuse. Power requirements: 105-120 VAC, 50/60 Hz. Dimensions: 12Wx948Dx344"H. Imported.

kHz; Hum and Noise: Aux and Tuner —75 db, Phono (Mag)
—63 db; Input Sensitivity: Aux 250 mv, Phono (Mag) 23 mv,
Phono (Cer) 80 mv, Tuner and Tape Monitor 500 mv, Output
Phono (Cer) 80 mv speakers, 8 ohm headphones. ATIONS

\*See Page 22 for Full Credit Details on Easy Pay Plan



output Jacks for recording through your Front and Tape Out tape recorder or



plus a headphone

only position.

Activate Loudness, Stereo/Mono, Tape Monitor, and/or High Filter functions. Pushbutton Function Switches

phone jack for private stereo head Front panel Phones

istening.

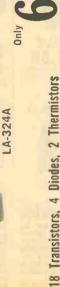
Accepts 8 ohm stereo headphones.

Selects Auxiliary, Tuner, Magnetic or Ceramic cartridge input.

Input Selector

## Solid State 50-Watt





AAA 2-YEAR GUARANTEE Conty CO95 No Money Down\*

see Page 415 for Terms

50 Watts ±1 db, 40 Watts IHF, at 4 ohms Frequency Response: 20-20,000 Hz ±1.5 db

Front Panel Stereo Headphone Jack

Main-Remote Speaker Switch

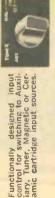
Attractive Simulated Walnut Vinyl-Clad Metal Beautifully Styled Front Panel

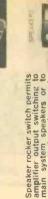
## SPECIFICATIONS

Channel Separation: 60 db at 1 kHz Input Sensitivity: Aux. 250 mv, Tuner 500 mv, Phono Mag Power Output: 50-Watts ±1 db. 40-Watts IHF, at 4 ohms Frequency Response: 20-20,000 Hz ±1.5 db Harmonic Distortion: 0.07% at 1 kHz at 1-Watt Hum and Noise: High Level Inputs: -75db, Low Level 2.3 mv, Phono Ceramic 80mv Inputs: -55 db.

Power Bandwidth: 35-30,000 Hz Speaker Impedance: 4, 8-ohms Stereo Headphones: 8-ohms

Net 69,95









remote speakers in any deired room in your home.



Loudness rocker switch for tonal balance at low volume levels.



2 AC convenience outlets (1 switched, 1 unswitched) in rear provide power to asso-

siated equipment.



Front panel headphone jack permits private listening to your favorite stereo programs.

See Page 46 for LA-324A 2-channel & Derived 4-channel Stereo Hi-Fi Systems.

Phono; 2 AC convenience outlets (1 switched, 1 unswitched); Tape Output jack; and Main and Remote Speaker terminals for 4, and 8 ohm speakers. Its attractive design, only 1058Wx312Hx836"D will complement any home decor. Complete with simulated walnut vinyl-clad metal case. For 105-120 VAC, 50/60 Hz with AC power fuse,

Imported. Shpg. wt., 101/2 lbs.

99 R 02339W

\*See Page 22 for Full Credit Details on Easy Pay Plan



#### "Stereo 25" 20-Watt Solid State Stereo Amplifier



Only case No Money Down

#### 20 Watts ±1db of Stereo Power †

The Stereo 25 offers a full 20 watts of stereo music power. Faithfully reproduces the full spectrum of audio sound with adequate volume and very low distortion. Solid state design assures minimum heat for safe placement anywhere and years of top-notch performance. Convenient operating features include front panel rocker switches for activation of source (tuner, phono or auxillary), selection of stereo or mono output, selection of remote or main speakers, and power on/off. A full complement of controls is supplied for best stereo effects and permits you to "tailor" the sound to suit your tastel Front panel controls include separate bass, treble,

Main/Remote Speaker Switch

20-20,000 Hz ±1db Frequency Response

Front Panel Stereo Headphone Jack

concentric volume/balance and stereo headphone jack for private listening. Stereo outputs are available for 4-16 ohm main and remote speakers. Permits placement of speakers in main listening area plus in the recreation room, den, dining room or patio area. Attractive, modern styling with a matte black and satin gold front panel is complemented by a handsome walnut grained vinyl clad metal enclosure. Fused AC line and separately fused speaker outputs prevent damage to output transistors. Operates on 105-120 VAC, 50/50 Hz. Size: 10/48/W3/½/RK6%/"D. Imported. 99 R 02271W Shpg. wt., 7 lbs.

"STEREO 25" SPECIFICATIONS

Power Output: 20 watts ±1db (10 watts per channel) at 4 or 8 ohms. Frequency Response: 20-20,000 Hz ±1 db. Power Bandwidth: 40-25,000 Hz, Harmonic Distortion: 0.1% at 1 watt. Hum and Noise: -70 db, Channel Separation: 60 db. Input Sensitivity: Aux., 250 my; Tuner, 500my; Phono, 250 mv. Stereo Outputs: main speakers, remote speakers, stereo headphones, Controls: concentric Volume/ Balance; master Bass; master Treble; Rocker switches for: Aux., Phono, Tuner, Stereo/Mono Mode, Remote/Main Speakers, and On/Off Power. With front panel pilot light and rear panel AC convenience outlet. †Rating standard used by major hl-fi audio manufacturers.

#### Specially Matched 20-Watt Stereo Phono Systems





11.88 From Individual Catalog Prices No Money Down\*

Criterion 2X



#### Superior 20-Watt Stereo System

This specially matched value-packed stereo system includes the Lafayette "Stereo 25" 20-Wart Solid State Stereo Amplifier; Garrard Model 30 4-Speed Automatic Turntable with oversized turntable, ceramic stereo cartridge and long-life diamond stylus; Matching turntable base; and 2 decoratively designed fine performing Lafayette Criterion 2X olled-walnut 2-way bookshelf speaker systems with 6" woofer, and 3½" direct radiator cone tweeter. With speaker cable. Shg. wt., 35 lbs.

21 R 93340WXM Net 103.95





#### Special 20-Watt Stereo System

An outstanding value for performance and price this stereo system consists of: the Lafayette "Stereo 25" 20-Watt Solid State Stereo Amplifier; Garrard Model 30 4-Speed Automatic Turntable with ceramic stereo cartridge and diamond stylus; Matching turntable base; and 2 famous Lafayette Criterion 50A 30-Watt 2-way speaker systems with 8" woofer, 3½" tweeter and tuned ducted port in an attractive oiled wainut finished enclosure for bookshelf and wall placement. Complete with speaker cable. Shpg. wt. 59 lbs. 21 R 93357WXM

Net 130.95 Dust cover for Model 30. Shpg wt., 31/2 lbs. 21 R 40267W 5,50

See Pages 56, 57 and 84-88 for full description of system components

#### "Stereo 10A" Solid State Stereo Amplifier





Compact Size

Neat Styling

Big Performance

Attractive, neat styling, plus compact size and big performance characterize this moderately priced stereo amplifler. The "Stereo 10A" is ideal for the hi-fi beginner or for use as a second stereo 10A" is ideal for the hi-fi beginner or for use as a second stereo system for the living room, den, bedroom, or business. Perfect for areas where space is a limiting factor, the "Stereo 10A" can be installed easily on a bookshelf or end table. It can be used with record players, AM, FM, and FM Stereo tuners. Solid-state circultry consisting of 10 transistors, and 2 diodes provides clean sound for cool, instantaneous operation. Input impedance: 400 K Ohms. Cross Talk: 45 db. Hum and Noise: 55 db. below rated output. Output stages couple directly to the speaker for smooth frequency response with high impedance crystal or ceramic phono cartridges.

Front panel features: Separate volume controls for Left/Right chan-Front panel reatures: separate volume controls for Lett/Right channels; Tone control for Bass and Treble; Rotary selector switch for Phono, Tuner and Auxillary; Individual silde switches for Mono/ Stereo Mode, Power-On/Off and speakers—Main/Remote; stereo headphone jack for private listening; Power On/Off Indicator light. Rear panel features: Lett/Right channel inputs for phono, tuner and auxillary; Left/Right channel outputs for main and remote speakers; switched AC convenience outlet. Beautifully finished brushed aluminum front panel with complementary metal knobs and attractive metal case. Size: 9W x 3½H x 6½7D. For 105-125 VAC, 50/60 Hz. Imported. Shog. wt., 5½ lbs. 99 R 02289

Net 27.95

Popular Stereo Phono Music Systems With "Stereo 10A"



This popular hi-fi beginner's 2nd stereo system consists of: Lafayette Stereo 10A Compact stereo amplifier: Lafayette Model AC50B 4-speed automatic push-button stereo record changer with stereo turnover ceramic cartridge and diamond LP needle, with professional lever cueing; matching wainut finished wood base for record changer 2 Lafayette fine-performing Criterion 2X 2-way bookshelf speaker systems with 6" woofer and 3½" direct radiator cone tweeter; with speaker cable. Shpg. wt., 32 lbs.
21 R 93365WXM No Money Down\* Net 83,95

Stereo 10A





Stereo 10A

This fine performing 2nd stereo music system consists of: Lafayette Stereo 10A stereo amplifier; Lafayette Model AC508 4-speed automatic push-button stereo repord changer with stereo turnover ceramic cartridge and dlamond LP needle; matching record changer base; 2 Lafayette Criterion 25A 2-way 25-watt speaker systems with extra efficient 8" woofer and 2½" tweeter in oiled walnut finished enclosure. Complete with speaker cable. Shgg. wt., 40½ lbs. 21 R \$3373WXM No Money Down\* Net 92.95

See Pages 56 and 91 for full description of system components

29

#### LAFAYETTE Solid-State AM/FM Stereo Tuner Model LT-725A



Designed For Performance.. ... Styled for Distinction!

ONLY Money Down\*

4 IC's, 2 FET's, 14 Transistors, 19 Diodes

- 1.7μν IHF Sensitivity 1.5 db Capture Ratio
- Front and Rear Panel Tape Output Jacks
- Pushbutton FM Mute Switch
- Automatic Stereo Switching and Stereo Indicator Light
- Internal FM Antenna plus Flexible-Mount AM Loopstick Antenna
- Beautifully Styled Dial That Illuminates with "Power-On"
- 40db Stereo Separation

#### **OUTSTANDING FEATURES**



Illuminated Signal Strength Tuning Meter for normal and center scale tuning of FM and AM sta-



Automatic FM Stereo Automatically switches to stereo mode and lights indicator when you tune to a stereo station.



Tape Out Front and rear tape output jacks for recording through

your tape recorder.

Pushbutton Function Switches for Signal Strength

on AM and TW plus Center Chan-net Tuning on FM; Stereo/Mono mode; MPX High Frequency Filter; FM Mute; and Selector Button for AM or FM reception.

The Lafayette LT-725A establishes pace-setting standards for excellence in performance, flexibility of controls, ease of operation, and convenience. Its distinctive styling will compliment any home decor. Yet with all these features it is priced within the budget of the music lover who seeks superior performance and design at a moderate cost. In addition to high performance and unique circuit design, the LT-725A boasts an ultra-modern exterior with space-age styling. The most striking of these is the elegant ebony face-plate with gold embossed lettering; when the unit is turned "On", the logging scale, tuning meter and stereo indicator are illuminated into a highly attractive soft, rich blend from behind the face-plate. The front panel also features a row of push-buttons for the functions of Stereo/Mono mode, MPX Filter, Mute Switch for minimum noise while tuning FM stations. MPX Filter, Mute Switch for minimum noise while tuning FM stations, FM/AM reception, and tuning meter for center channel tuning and signal strength indication. There are tape output jacks at the rear and front panels: and rear inputs for external FM and AM antennas. Complete with bullt-in FM and AM antennas, AC fuse holder and grounding post. Output suitable for any quality stereo amplifier. Size: 12Wx334Hx9V6"D. Imported. For 105-120 Volts AC, 50/60 Hz. 99 R 02297W Shpg. wt., 13 lbs.

#### **SPECIFICATIONS**

FM SECTION: 4 Gang Tuning Condenser. Range: 88-108MHz. Sensitivity:  $1.7\mu\nu$ . Harmonic Oistortion: @ 400 Hz, 100% modulation: 0.25%. Selegtivity: 50db. Capture Ratio: 1.5db. Stereo Separation: 40db @ 400Hz. Cross Modulation Index: 90db. Signal-to-Noise Ratio: 75db (100% Mod.) Image Rejection: 80db. External Antenna Impedance: 300 ohms balanced. AM SECTION: 3 Gang Tuning Condenser; Range: 535-1650 kHz. Sensitivity (Antenna Terminal):  $20\mu\nu$ .

### LAFAYETTE Solid-State AM/FM Stereo Tuner Model LT-670



See Page 415 for Terms

Amazing Low Price

ONLY

10

No Money Down\*

14-Transistors Plus 16-Diodes

- Automatic Stereo Switching and Stereo Indicator Light
- Front Panel Tape Output Jack
- Automatic FM Station Lock
- 30 db Stereo Separation
- Multiplex Filter
- Internal FM Antenna plus Flexible— Mount AM Antenna
- Attractively Styled To Blend With All Decors

Enjoy the full measure of high priced AM/FM stereo reception at an "Amazingly" low price. Solid-state circuitry combines advanced design and electronic principles to provide a level of performance that far exceeds the cost Included are AUTOMATIC MULTIPLEX CIRCUITRY which instantly switches the tuner to stereo operation when stereo is being broadcast. A "STEREO" INDICATOR LIGHT gives instantaneous visual indication of stereo broadcasts. Every control feature for outstanding performance has been included: switchable (0n/Off) MPX FILTER for reduction of external interference on FM stereo; AUTO LOCK (AFC) assures drift-free reception. Other features include a MODE selector (Mono or Stereo); and a SELECTOR for AM or FM reception. There are even tape output lacks on front and rear for recording directly to a tape recorder. Has built in FM antenna and Ferrite bar for AM; plus terminals for adding a FM external antenna. With simulated walnut grain vinyl covered, metal enclosure and anodized brush aluminum front panel and knobs. For 105/120 VAC, 50/60 Hz, Size: 10%WX3V2HX83%"D. Shpg. wt., 11½ lbs. 98 R 02313W

#### SPECIFICATIONS

FM SECTION: 3-Gang Tuning Condenser. Range: 88-108 MHz. Sensitivity: 3.5 µV. Harmonic Distortion: @ 400 Hz. 100% modulation: 0.7%; Selectivity (Alternate Channel): 35 db. Capture Ratio: 5 db. Stereo Separation: 30 db @ 400 Hz. Signal-to-Noise Ratio: 50 db (100% mod.). Image Rejection: 50 db. Tape Output Level: Average — 350 mV., 1 Volt max. External Antenna Impedance: 300 ohm balanced. AM SECTION: 3-Gang Tuning Condenser. Range: 535-1650 kHz. Sensitivity (Antenna Terminals): 20 µV. S/N: 40 db @ 1 mV input.

#### OUTSTANDING FEATURES



Automatic FM Stereo automatically switches to stereo mode and lights indicator when you tune to a stereo station.

TAPE OUT



Tape Out Front and rear tape output jacks for recording through your tape recorder.



MPX Filter Rocker Switch (On/Off) for reduction of external interference when tuned to an FM Stereo



Auto Lock Rocker Switch (on/Off for Automatic Frequency Control to assure drift-free FM reception.

31



Save 60 Frem Individual Catalog Prices Only 52195

LR-440

You will be thrilled by the spectacular dimensional surround sound of this outstanding 4 channel stereo system. The complete system consists of the superb Lafayette LR-440 170-Walt compatible 4-channel AM- FM stereo receiver which embodies 4 excellent amplifiers, exclusive "Composer" derived 4 channel circultry, plus an outstanding AM- FM stereo tuner to bring you discrete 4 channel stereo programs from present 4 channel tapes as well as from discrete 4 channel stereo records and FM stereo broadcasts as soon as they become available. In addition the LR-440 brings you exciting derived 4 channel stereo from present stereo records, stereo tapes and FM stereo broadcasts. Also included are the Lafayette RK-48 compatible 2 and 4 channel stereo 8-track cartridge tape deck; 4 Lafayette criterion 504 2 speaker, 2-way bookshelf speaker systems in handsome oiled walnut finished enclosure; and speaker cable. Shpg. wt., 140 lbs.

21 R 91666WXM No Money Down\*

Net 521.95

**RK-48** 



CHANNEL TAPE, FM BROADCAST and

Only 58695

In addition to the exciting enjoyable 4-channel tape and 4-channel FM stereo broadcast programs rendered by this LR-440 system, you will discover a new world of derived 4 channel audio richness in your present stereo records. This expertly matched system consists of the superb Lafayette LR-440 Compatible 4-channel FM-AM Stereo Receiver, the Lafayette RR-48 compatible 2 and 4 channel stereo 8 track carriridge tape deck, the dependable Garrard Model 40B, 3 speed automatic turntable with attractive matching base, the Lafayette/Pickering Phase 44 high efficiency elliptical stereo cartridge with high compliance diamond stylus, 4 Lafayette Criterion 50A 2-speaker, 2-way bookshelf speaker systems in handsome oiled walnut finished enclosures, and speaker cable, Shpg. wt., 1521/4 lbs.
21 R 91674WXM No Money Down\* Net 586.95

See Pages 3, 6, 7, 57, 82, 83, and 84-88 For Full Description of Above Components.

#### LAFAYETTE 170 Watt 4-Channel Stereo Systems

Model LA-44 Compatible 4 Channel Stereo Amplifier







CHANNEL TAPE AND FM BROADCAST STEREO SYSTEM

finish enclosure, and speaker cables. 21 R 96202WXM Wt. 75 lbs.

ONLY

**SAVE 39.27** From Individual

Catalog Prices!

Net 260.95

**AND PHONO** STEREO SYSTEM

From Individual Catalog Prices!

CHANNEL TAPE

SAVE 61.27

ONLY

CHAMNEL TAPE. PHONO AND FM **BROADCAST** STEREO SYSTEM

> SAVE 69.22 From Individual Catalog Prices!



Same 4-channel stereo system as above plus the Lafayette LT-670 solid-state AM/FM stereo tuner. Adds exclising derived 4-channel FM stereo programs from the multitude of excellent FM stereo broadcasts on the air. Shg. wt , 86½ lbs.
No Money Down\*
21 R 96210WXM Net 332.95

See Pages 2, 3, 31, 56, 82-88 for Description of Components in Above



In addition to the Superb discrete 4-channel tape stereo reproduction, you will thrill to the exciting derived 4-channel audio richness in your present stereo records. This matched system consists of the Lafayette LA-2525 Compatible 4-Channel Stereo Ampli fler, the Lafayette R-48 Compatible 2 and 4-Channel Stereo 8-Track Cartridge Tape Deck, 4 Lafayette Criterion 258 2- speaker, 2-way speaker systems; the dependable Garrard 40B 3-speed automatic turntable with matching base, the Lafayette/Pickering Phase 44 efficient elliptical stereo cartridge with high compliance diamond stylus; speakwith high compliance diamond stylus; speaker cables. wt., 874 lbs. No Money Down\* 21 R 96228WXM Net 325,95



Same 4-channel temp system as 2. R 96228 WXM plus the Lafayette LT-670 AM/FM stereo tuner for addition of derived 4-channel FM stereo broadcasts. stpg. wt., 983/4 lbs. 21 R 96236WXM

See Page 22 for Full Credit Details on Easy Pay Plan

#### LAFAYETTE AM/FM Stereo 8-Track Record/Playback Systems Featuring LRK-855 8-Track/Receiver





**Matched Derived** 4-Channel Stereo AM/FM 8-Track Phono System

SYSTEM PRICE

SAVE 76.60 From Individual Catalog Prices

From Individual Catalog Prices
The LRK-855 has built-in derived 4-channel circuitry for listening to the 2 extra channels on your records, tapes, and FM stereo broadcasts. This magnificent 4 dimensional 4 channel system consists of the LRK 855 AM/FM 8-Track receiver, Garrard SL55 3-speed automatic turntable with matching base, Laf/Pickering Phase 44 Elliptical diamond needle cartridge, 4 Lafayette Criterion 1008 3-way speaker systems, 3 mylar 8-track recording tapes, and speaker cable. Shpg. wt., 154 tbs. 154 lbs.

99 R 99970WXM No Money Down\* .....

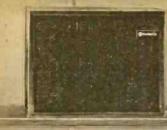


2 Crit. 100B



#### **Deluxe AM/FM Stereo Cassette Phono Systems** featuring the LAFAYETTE LRK-900 Cassette Receiver





# FULL STEREO ENJOYMENT FOR EVERYONE!



Criterion 2X

25-Watt 175 95

SAVE 19.79 From Individual Catalog Prices

Criterion 2X

25-Watt 175 From Individual AM-FM Stereo System with LR-75 Receiver





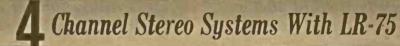
## Value-Packed Economy 25-watt Stereo System

A truly exciting value in a complete 25-watt stereo system package! Matched for performance as well as economy, this stereo system features the Lafayete LR-79 25-watt Solid State AM-FM Stereo Receiver with full stereo performance capability and with pleasing complementary styling, Garrard Model 30 4-Speed Automatic lTurntable with oversized turntable, efficient ceramic stereo cartridge

and long-life diamond stylus; Attractive Matching Turntable base for Model 30; and 2 Lafayette Criterion 2X neatly styled, highly efficient 2-way olled walnut finish bookshelf speaker systems with fine performing 6" woofer and 31-6" cone-type tweeter, Shpg. wt., 4314 bs.

21 R 93522WXM INo Money Down

Not 175 95





You'll be amazed at the wonderous derived 4 Channel stereo sound that emanates from this highly versatile economical compatible 4 channel stereo system. It derives 4 channel dimensional surround sound from your present stereo records as well as from FM stereo programs, and is ready to play discrete 4 channel stereo tapes already available, as well as discrete 4 channel records and discrete 4 channel FM stereo broadcasts as soon as they become available. This exciting 4 channel stereo system consists of the Lafayette LR-75 25-watt Solid State AM-FM Stereo Receiver; Garrard Model 30 4 speed automatic turntable with ceramic cartridge and iong-life diamond

stylus; matching turntable base; the amazing highly versatile Lafayette Lk-424 4 channel Complimentary Amplifier which reproduces discrete and derived 4 channel programs in conjunction with the LR-75; 4 Lafayette Criterion 2X 2-speaker 2-way acoustic suspension speaker systems, each with a 5" acoustic suspension worder for substantial bass reproduction and a 31½" cone-type tweeter for exemplary sound of up to 19,000 kz., enclosed in a rich oiled walnut finish cabinet; and speaker cable. Shog. wt., 76 lbs.

21 R 93993WXM No Money Down\* .....

Net 256.95



# Super-Value 50-Watt AM-FM Stereo Systems

Extraordinary value in a complete 50-watt stereo system! Features the Lafayette LR-100 50-Watt Solid State AM-FM Stereo Receiver which offers full-feature stereo versatility with controls and inputs from every source, handsomely styled in black and gold anodized front panel and with simulated walnut vinyl clad metal case; Garrard Model 40B 3-Speed Automatic Turntable with viscous damped, single lever cueing, complete with Matching base; Pickering P/ATE. Elliptical Stereo Cartridge with high compliance diamond stylus; 2 Lafayette Criterion 25A 25-Watt 2-Way speaker systems, each featuring an extra-efficient 8" woofer and 2½" tweeter. Speakers are housed

### Specially Matched 50-Watt AM-FM Stereo Systems



This specially selected 50-Watt AM-FM stereo phono system features the Latayette LR-100 50-Watt Solid State AM-FM Stereo Receiver with full stereo capability; the Garrard Model 40B 3-speed Autcmatic Turntable with matching base; Pickering P/ATE-1 Elliptical Stereo Cartridge with high compliance diamond stylus; 2 famous Latayette Criterion 50A 30-watt 2-way bass reflex ducted port speaker systems with heavy duty 8" woofer and 3½" direct radiator tweeter in attractive hand-rubbed oiled walnut finished enclosures. With cable, 21 R 93472WXM Shpg, wt., 77½ lbs. Net 238.95

Above system but with Shure M55E elliptical stereo cartridge.

21 R 90759WXM Shpg. wt., 77½ lbs. Net 243.95

Above system but with Lafayette/Pickering Phase 44 elliptical dia-

mond stereo cartridge.
21 R 90767WXM Shpg. wt., 77½ lbs. Net 253.95
You Save 51.74 From Individual Catalog Prices!

See Page 16, 56, 57, 82-88 for Complete

in attractive enclosures with hand-rubbed olied walnut finish Complete with speaker cable, Shpg. wt., 581/2 lbs.
211R 94759WXM Net 220.95

21'R 94769WXM Net 220.95 Same system as above except with Shure M55E elliptical stereo cartridge, Shpg. wt., 5842 lbs. 21 R 90734WXM Net 225.95

Same system as above except with Lafayette/Pickering Phase 44 elliptical diamond stereo cartridge. Shpg. wt., 58½ ibs.

Net 235.95

You Save 49.74 From Individual Catalog Prices!

## Deluxe 50-Watt AM-FM Stereo Systems



This deluxe LR-100 stereo system consists of Lafayette LR-100 Sowatt Solid-State AM/FM Stereo Receiver; Garrard Model 408 3-speed Automatic Turntable with matching base; Pickering P/ATE-1 Elliptical Stereo Cartridge with high compliance diamond stylus; 2 Lafayette Criterion 77 3 speaker 3-way acoustic suspension bookshelf speaker systems each with 8½" woofer, 3½" midrange and 1½" direct radiator type tweeter in a handsome oiled walnut finished enclosure; with cables.

21 R 90775WXM Shpg. wt., 75¼ lbs. Net 256.95
Above system but with Shure M55E elliptical stereo cartridge, 21 R 9078WXM Shpg. wt., 75½ lbs. Net 261.95
Above system but with Lafayette/Pickering Phase 44 high efficiency

elliptical stereo cartridge with diamond stylus.

21 R 90791WXM Shpg. wt., 75½ lbs. Net 271.95

You Save 53.74 From Individual Catalog Prices!

Description of Components on this Page

See Page 22 for Full Credit Details on Easy Pay Plan



System Price

No Money Down\*

Individual Catalog Prices

System Price

No Money Down\*

From Individual Catalog **Prices** 

Experience the thrilling delight of derived 4-channel dimensional stereophonic sound! This rewarding system teatures the Lafayette LR-100 Solid-State AM/FM Stereer Receiver which offers full-feature stereo versatility, Garrard Model 40B 3-speed Automatic Turntable with low mass tubular tone arm and viscous damped single lever cueing, neatly designed matching base for turntable, Lafayette/Pickering Phase 44 highly efficient elliptical stereo cartridge with high compilance diamond stylus tailored to get the utmost in performance from 2-channel and erived 4-channel stereo. 4 Lafayette Criterion 25A 2-way speaker systems, each featuring an extra-efficient 8" wooter and 2½" tweeter is an attractive hand-rubbed oiled walnut finish enclosure, and the ingeniously designed Lafayette 4-Channel Adapter.

Shoe wt. 86½ [bs.

Shpg. wt., 861/4 lbs.

21 R 90809WXM

Net 298.95

This fine performing derived 4-channel stereo system consists of the Latayette LR-100 Solid-State AM/FM Stereo Receiver, the Garrard the Larayette LR-100 Solid-State AM/FM Stereo Receiver, the warrand 408 3-speed Automatic Turntable with matching base, the Larayette Pickering Phase 44 elliptical stereo cartridge with high compliance diamond stylus, the Larayette 4-channel Adapter, and 4 Larayette Criterion 77 3-speaker 3-way acoustic suspension bookshelf speaker systems each with 84-7 woofer, 34-2" midrange and 14-7 tweeter in an attractive oiled walnut finished enclosure. Shgg. wt., 12044 lbs. Net 370.95 21 R 9081 7WXM

Same derived 4-channel stered system as above except with 10" 4 Lafayette Criterion 1008 3-way speaker systems each with 10" woofer, 34/" midrange, 1½" super tweeter, loaded sonic aort and high frequency brilliance control in attractive oiled walnut finish enclosure. Shg. wt., 1601/4 lbs.

21 R 90825WXM Net 406.95

See Page 16, 18, 56, 57, 56, 82-88 for Complete Description of Components on this Page

# fayette

# 100-Watt AM-FM Stereo Systems with LR-775 Receiver





**SAVE 55.83** From Individual Catalog Prices



#### Choice 100-Watt AM-FM Stereo Systems A

This complete versatile stereo system consists of Lafayette LR-775 100-Wart Solid-State AM-FM Stereo Receiver with advanced solid-state stereo circuitry; Garrard Model 40B 4-Speed Automatic Turntable; Matching base for turntable; Pickering P/ATE-1 Elliptical stereo Cartridge with high-compliance diamond stylus; and 2 famous Lafayette Criterion 50A 2-way bass reflex ducted port speaker systems with 8" woofer and 3½" tweeter in oiled walnut finish enclosure for horizontal or vertical placement. With cable

Oiled wainut finish encourage 16, 144 lbs. Net 283,55
21 R 93381WXM Shpg. wt., 68¾ lbs. Net 283,55
Same as above but with Shure M55E elliptical stereo cartridge. Shpg. wt., 68¾ lbs. Net 288.95

Same as above but with Lafayette/Pickering Phase 44 elliptical stereo cartridge with diamond stylus. Shpg. wt., 68¾ lbs.
21 R 90866WXM
Net 298.95 Net 298.95

## B Selected 100-Watt AM-FM Stereo Systems

This specially matched stereo system features the Lafayette LR-775 100-Watt Solid-State AM-FM Stereo Receiver; Garrard Model 40B 4-Speed Automatic Turntable; Matching base for Turntable; Plackering P/ATE-1 Elliptical Stereo Cartridge; and 2 Lafayette Criterion 100B 3-speaker, 3-way bookshelf system featuring 10" woofer with 5½ ib, magnet, 3½" mid-range speaker and 1½" super tweeter and brilliance control in decorator styled oiled walnut finish enclosure for delightful room-filling sound. With audio cable. Shgs. wt., 91 lbs. 21 R 90874WXM

Net 319.95 Same as above except with Shure M55E elliptical stereo cartridge, Shpg. wt., 91 lbs.
21 R 90882WXM
Net 324.95 21 R 90882WXM Same as 21 R 90874WXM except with Lafayette/Pickering Phase 44 diamond elliptical

stereo cartridge, Shpg. wt., 91 lbs. 21 R 90890WXM

## Deluxe 100-Watt AM-FM Stereo Systems

A truly deluxe stereo system that consists of the Lafayette LR-775 100-Watt Solid-State AM-FM Stereo Receiver; Garrard Synchrolab Model SL-558 Automatic Turntable with synchronous motor, adjustable anti-skating control and viscous damped cueing; Matching base for turntable; Pickering Phase IV/ACE Elliptical Stereo Cartridge with high compliance diamond stylus; and 2 Lafayette Criterion 150A deluxe 3-way acoustic suspension speaker systems with 10" acoustic suspension woofer, 3" cone-type midrange and lower high frequency speaker, and 1½" super-tweeter and high frequency level control. Housed in handsome oiled-wallout finished enclosure. With speaker cable.

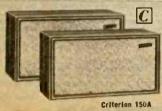
21 R 90908WXM Shpg. wt., 73 lbs.

Net 352.95
Same as above except with Shure M93E elliptical stereo cartridge. Shpg. wt., 73 lbs.

21 R 90916WXM

Same as above except with Lafayette/Pickering Phase 44 dlamond elliptical stereo cart-ridge. Shop, wt., 73 ibs. 21 R 90924WXM Net 362.95

See Pages 15, 57, 58, 59, 82-88 for complete description of components on this page.



SAVE 61.85 From Individual Catalog Prices







"ot will be thrilled at the surprising audio depth of this derived 4 channel stereo system. The complete system consists of the Larbyette LR-775 100-Watt Solid State AM-FM Stereo Receiver; the samous Garrard Model 408 3-speed Automatic Turntable; an attractive marching turntable base; the ingenious Larayette 4-channel Adapter or derived four channel stereo sound; the Larayette Pickering Phase 44 elliptical stereo cartridge with high compliance diamond stylus designed for superb stereo performance; and 4 appular Lafayette Criterion 50A 2-way bass-reflex ducted port speaker systems with 3" woofer and 342" direct radiator tweeter in oiled walnut flinish anclosure for horizontal or vertical placement. Shpg. wt., 1194 lbs. 21 R 90932WXM

See Pages 15, 18, 57, 82-88 for complete description of components in above systems.

# Tafayette 150-Watt AM-FM Stereo Systems with LR-1000B Receiver





### A Selected 150-Watt AM-FM Stereo Systems

This fine stereo system features the Lafayette LR-10008 Solid-State AM-FM Stereo Re-This fine stereo system features the Lafayette LR-10008 Solid-State AM-FM Stereo Receiver distinguished for its outstanding performance characteristics and fine circuitry innovations; the Garrard Model 408 3-Speed Automatic Turntable; matching base for turntable; Pickering P/AFE- Elliptical stereo Cartridge with high compiliance diamond stylus; and 2 Lafayette Criterion 1008 3-way loaded sonic speaker systems with 10" woofer, 3½" midrange, 1½" super tweeter and brilliance control in an attractively styled oiled-walnut finished enclosure. Includes speaker cable.

21 R 99819WXM Shpg. wt., 1064/2 lbs.

Same system as above except with Shure M55E elliptical stereo cartridge.

21 R 90957WXM Shpg. wt., 1064/2 lbs.

Net 378.95
Same as above except with Lafayette/Pickering Phase 44 diamond elliptical stereo cartridge.

cartridge. 21 R 90965WXM Shpg. wt., 10642 lbs.

## B Special 150-Watt AM-FM Stereo Systems

Net 388.95

This specially matched stereo system features the exceptionally fine Lafayette LR-1000B Solid State AM-FM Stereo Receiver; Carrard Model 40B 3-Speed Automatic Turntable; matching base for turntable; Pickering P/ATE-1 Elliptical Stereo Cartridge; and 2 Lafayette Criterion 150A delaxe 3-way acoustic suspension speaker systems with 10" air suspension woofer with 2½ 1b. magnet structure, 3" cone type midrange and lower high frequency driver, 1½" super tweeter with aluminum cone, and high frequency level control in attractive, luxurious oiled wainut finished enclosure. With cable.

21 R 909373WXM Shpg, wt, 88½ ibs.

Same as above except with Shure M55E elliptical stereo cartridge.

21 R 909391WXM Shpg, wt, 88½ ibs.

Net 396.95

Same as above except with Lafayette/Pickering Phase 44 diamond elliptical stereo cartridge.

cartridge. 21 R 90999WXM Shpg. wt., 881/2 lbs.

## C Deluxe 150-Watt AM-FM Stereo Systems

Includes superb Lafayette t.R.1000B Solid State AM/FM Stereo Receiver; Garrard Synchrolab Model SL55B 3-Speed Automatic Turntable with synchronous motor and viscous damped cueing; Base for turntable; Pickering Phase W/ACE Elliptical Stereo Cartridge with high-compliance diamond stylus; and 2 Lafayette Deluxe Criterion VI 6-speaker 4-way systems that feature a 12" woofer with 4½ lb. magnet structure, 5" midrange in sealed sub-enclosure, 2-3" cone tweeters, 2-1½" aluminum cone super tweeters, and tuned "sonic tube" in smart ciled wanut finish enclosure. With cable.

21 R 91716WXM Shpg. wt., 1284; lbs.

Net 478.95
21 R 91716WXM Shpg. wt., 1284; lbs.

Net 483.95
Above except with Shure M93E elliptical stereo cartridge.

21 R 91724WXM Shpg. wt., 1284; lbs. No Money Down\*

Net 488.95
Net 488.95

Net 488.95

See Pages 14, 58, 59, 61, 82-88 for full description of components on this page.



LR-1000B

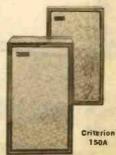


Same system as above except with four Lafayette Criterion 150A



Model SL55B

See Pages 14, 18, 57, 59, 83-88 for description of above components.





## A Selected 240-Watt AM-FM Stereo Systems

This expertiv matched stereo system includes our finest receiver, the outstanding Larlayette LR-1500TA 240-Watt Solid-State AM-FM Stereo Receiver which features advanced solid-state circuitry with 4 integrated Circuits, 5 F.E.T.'s, 39 discrete transistors, Computor-Matic® protective circuitry and ACRITUNE precision visual tuning for extraordinary performance; Garrard Model 408 3-Speed Automatic Turntable with attractive Garrard matching base; Pickering P/ATE-1 Elliptica) Stereo Cartridge with high compliance diamond stylus; and 2 Larlayette Criterion 1008 3-way speaker systems with 10° woofer, 34/2° mid-range, 14/2° super tweeter, loaded sonic port and high frequency brillance control in attractive olled-wainut finished enclosures. Complete with speaker cable. Shpg. wt., 113 lbs. 21 R 91773WXM Net 427.95 Same system as above except with Shure M55E elliptical stereo

cartridge. 21 R 91781WXM Shpg, wt., 113 lbs. Net 432.95
Same system as above except with Lafayette/Pickering Phase 44
high efficiency elliptical stereo cartridge with high compliance

diamond stylus.
21 R 91799WXM Shpg. wt., 113 lbs.
You save 72.83 from individual catalog pricest

## B Feature-Packed 240-Watt AM-FM Stereo Systems

This excellent feature-packed stereo system consists of the acclaimed Lafayette LR-1500TA 240-Watt Solid State AM-FM Stereo Receiver with advanced solid-state design and Computer-Matico protective circuitry; Garrard Synchro-Lab Model \$1,558 3-5peed Automatic Turntable with neatly styled Garrard matching base; Pickerlag Phase IV/ACE Elliptical Stereo Cartridge with high compliance diamond stylus; and 2 Lafayette Criterion 150A 3-speaker acoustic suspension systems, each consisting of a 10" woofer, 3" closed back high frequency driver, 1½" super tweeter, LC crossovers at 6600 Hz and 10,000 Hz and high frequency level control in a rich oiled-walnut finish enclosure. Complete with speaker cable. Shpg. wt. 95 lbs.

wt., 95 lbs. 21 R 91807WXM

Same as above except with Shure M93E elliptical stereo cartridge. 21 R 91815WXM Shpg. wt., 95 lbs. Net 465,95

See Pages 12, 13, 58, 59, and 82-88 for full description of components on this page.





95 SAVE 84.70 SYSTEM PRICE From Individual

Cata og Prices

No Money Down\*

You will be thrilled by the superb derived 4-channel dimensional stereophonic sound of this fine system. Carefully matched for outstanding performance and value, this superior system includes our finest receiver, the outstanding Larayette LR-1500TA Solid-State standing performance and value, this superior system includes our finest receiver, the outstanding Lafayette LP-150TA Solid-State AM-FM Stereo Receiver with advanced solid state cesign, Computor-Matice® protective circuitry and ACRITUNE precision visual tuning; the Garrard Model 408 3-Speed Automatic Turnitabe with attractive matching base; the Lafayette/Pickering Phase 44 highly efficient elliptical stereo cartridge with high compliance diamond stylus; the Lafayette neatly designed derived 4 Channel Adapter; and 4 Lafayette Criterion 1008 3-way speaker systems each with a 10" heavy duty woofer, 34,2" mid-range, 1½" super tweeter, loaded sonic port and high frequency brilliance control in an attractive oiled walnut finished enclosure. ished enclosure

21 R 91831WXM Shpg. wt., 17734 lbs. Net 559.95

Same system as above except with 4 Lafayette Criterion 150A 3speaker acoustic suspension system, each with 10° acoustic suspension woofer, 3° closed back upper midrange and lower high frequency driver, 1½° super tweeter, and high frequency level control
in a neatly designed enclosure with hand rubbed oilled walnut veneer
flinish, instead of the Criterion 108 speakers.
21 R 91849WXM Shpg. wt., 141¾ lbs. Net 595.95

95 SAVE 93.70 SYSTEM PRICE Catalog Prices

No Money Down\*

An expertly matched derived 4 channel stereo system that includes the famous Lafayette IR-1500TA 240 Watt Solid State AM-FM Stereo Receiver which features advanced solid state circuitry with 4 integrated circuits (IC's), 5 F.E.T.'s, 30 discrete translitors. Computor-Matic-8 protector circuitry and ACRITUNE precision issual tuning for superb performance; — Be Garrard Synchrolab doded \$1.558 3-Speed Automatic Turntable with bullt-in stylus force adjustmert and optical scale, viscous damped single-lever cueing, and fully adjustable anti-skating; also includes a Garrard turntable matching base; the Lafayette/Pickering Phase 44 elliptical stereo cartridge with high compliance diamond stylus; the Lafayette Channe Adapter; and 4 Lafayette Criterion 150A 3-speaker accustic suspension systems, each with 10'r acoustic suspension systems, each with 10'r acoustic suspension systems, each with 10'r acoustic suspension wooffs, 3" suspension systems, each with 10° acoustic suspension woofs, 3° upper mic-range and lower high frequency driver, 1½° super tweeter and high frequency level control in a handsome oiled walnut linish enclosure. Shpg. wt., 1413/4 lbs.

Same cerived 4 channel stereo system as above except with 4 Lafayette Criterion 4X 4 speaker, 4-way speaker systems, each with a 12" woofer with 4½ ib magnet structure and large 2" voice coil, 5" mid-range driver, 3" high frequency tweeter, 1½" super tweeter, 3 LC crossover networks, and high frequency and mid-range controls in a handsome oiled walnut finish enclosure, instead of the Criterion 150A speaker systems.

21 R 98864WXM Shop, wt., 2134 ibs. Net 677.95

See Pages 12, 13, 18, 58, 59, 60, 82-88 for full description of components on this sage.



A budget-priced system with high performance, this Lafayette matched stereo system consists of the new Lafayette LA-324A 50-Watt Solid State Stereo Amplifier; Garrard Model 408 4-Speed Automatic Turntable with neatly designed matching base; Pickering P/ATE-1 Elliptical Stereo Cartridge with high compliance diamond stylus; and 2 Lafayette Criterion 25A efficient 25-Watt 2-Way air-suspension speaker systems with 8" woofer, and 2½" tweeter in decorative hand-rubbed oiled-wainut finished enclosure. With cable. Shpg. wt., 48 lbs.

21 R 93696WXM No Money Down\* Same as above except with Shure M55E elliptical stereo cartridge. 21 R 91922WXM Shpg. wt., 48 lbs. No Money Down\*......

Net 153.95

Same as above except with Lafayette/Pickering Phase-44 elliptical stereo cartridge 21 R 91930WXM Shpg. wt., 48 lbs. No-Money Down\*

Net 163.95

Same stereo system as 21 R 91930WXM above except with 2 popular Lafayette Criterion 50A 2-way speaker systems each with heavy duty 8" woofer and 3½" direct radiator tweeter in oiled-waluut finished enclosure instead of the Criterion 25A's. Shpg. wt., 67½ lbs. set 181,95 Net 181,95



Alternate Speakers









Lafayette/Pickering

Lafayette 4-Channel Adapter Phase 44

You'll marvel at the derived 4-channel dimensional sound of this You'll marvel at the derived 4-channel dimensional sound of this high performance economy system. The complete system consists of the Lafayette LA-324A 50-Watt Solid State Stere Amplifier; the Darrard Model 40B 3-Speed automatic turntable with neatly designed matching base; the Lafayette/Pickering Phase 44 elliptical stereo cartridge with high compliance diamond stylus; the Lafayette 4-Channel Adapter; and 4 Lafayette Criterion 25A efficient 2 way all suspension speaker systems, each with 8" woofer and 2½" tweeter in decorative hand-tubbed olied-walnut finished enclosure, 21 R 91955WXM Shpg. wt., 76 lbs. No Money Down\*..... Net 226.95

Same derived 4-channel system as above except with 4 Lafayette popular Criterion 50A 2-way bass reflex ducted port speaker systems, each with heavy duty 8" woofer and 3½" cone type direct radiator tweeter in handsome oiled-walnut finished enclosure, instead of the Criterion 25A's. Shpg. wt., 114 lbs. 21 R 91963WXM No Money Down'

See Pages 18, 27, 56, 57, 82-88 for Description of Components in Above Systems.



# Feature-Packed 100-Watt 2-Channel Stereo Phono Systems

A 100-watt stereo phono system that features the Lafayette LA-750 100-watt Selid State Stereo Amplifler; Garrard Model 408 3-Speed Automatic Turntable with matching base; Pickering P/ATE-1 Elliptical Cartridge with diamond stylus; plus 2 Lafayette Criterion 50A 2-way bass reflex ducted-port speaker systems with 6" woofer and 3½" cone type direct radiator tweeter in decorative oiled-walnut finished enclosures.

21 R 932-21WXM Complete with speaker ceptie Short wit 6534 bbs. Net 100-055

21 R 93621WXM Complete with speaker cable, Shpg. wt., 653/4 lbs.

Same stereo system as above but with 2 Lafayette Criterion 100B 3-speaker 3-way systems in handsome oiled-wainut finished enclosures. Shpg. wt., 88 lbs. Net 235.95

Lafayette matching AM/FM Stereo Tuner Model LT-725A for above systems.









Phase 44



Lafayette 4-Channel Adapter

Lafayette 4-Cnannel Adapter
An outstanding carefully matched system for derived 4 channel dimensional stereo performance, in addition to the Lafayette LB-750
100-Watt Solid State Stereo Amplifier the system includes the Garrard Model 408 3-Speed Automatic Turntable with matching turntable
base; the Lafayette/Pickering Phase 44 highly efficient elliptical
stereo cartridge with high compliance diamond stylus; the Lafayette
4-Channel Adapter and 4 popular Lafayette Criterion 50A 2-way
ducted port speaker systems, each with heavy duty 8" woofer and
34" direct radiator tweeter in oiled-wainut finished enclosure.
21 R 91682WXM Shpg. wt., 1134 lbs. Net 200.95
Above system but with 4 famous Lafayette Criterion 100B 3 speaker,
3-way speaker systems, each with powerful 10" woofer with a 5½ lb.
magnet, 3½" mid-range, 1½" direct radiator super tweetee, and
brilliance control in a neat oiled-wainut finished enclosure, instead
of the Criterion 50A's.
21 R 91690WXM Shpg. wt., 15234 lbs. Net 352.95

21 R 91690WXM Shpg. wt., 152% lbs.

See Pages 18, 26, 57, 58, 82-88 for Description of Components in Above Systems.



Packed with audio features, this outstanding 2-channel stereo system consists of the Lafayette LA-125B Stereo Amplifier with superbly consists of the Lafayette LA-1258 Stereo Amplifier with superbly designed solid-state circuitry for unexcelled stereophonic sound reproduction; the dependable Garrard Model 408 3-Speed Automatic Turntable with professionally designed matching turntable base; the Pickering P/ATE-1 Elliptical Stereo Cartridge with high compliance diamond stylus; and 2 famous Lafayette Criterion 1008 3-way, 3 speaker systems, each with 10" wooter with 51½ ib. magnet, 3½" mid-range, 1½" super tweeter, 2 L/c crossover networks and brilliance control in a handsome olied-walnut finished enclosure, with cable. Shgr. wit, 93 lbs.

21 R 89876WXM

Net 265.95

Same system as above except with Shure MSSE elliptical stereo cartridge. Shpg. wt., 93 lbs.

Net 270.95

Same stereo system as above except with Lafayette/Pickering Phase 44 elliptical stereo cartridge with high compliance diamond stylus. Shg. wt., 93 lbs.
21 R 91880WXM Net 280.95

Same stereo system as 21 R 91880WXM except with 2 Lafayette Criterion 150A 3 speaker acoustic suspension systems, each with 10" acoustic suspension woofer, 3" closed back high frequency driver, 1½" super tweeter, 2 ½/c crossover networks, and high frequency level control in an attractive clied walnut finished enclosure instead of the Criterion 1008's. Shpg. wt., 76 lbs.

See Page 18, 25, 58, 59, 82-88 For Detailed Description of Components in Above Systems.







System Price No Money Down

Lafayette/Pickering Phase 44



4 Channel Adapter

You will thrill to the enriched dimensional audio quality of this outstanding derived 4-channel stereo system. In addition to the superb Lafayette LA-125B 150-Watt Solid-State Stereo Amplifier, the system includes the dependable Garrard Model 40B 3 Speed Automatic Turntable with attractive matching base; the Lafayette/Pickering highly efficient Phase 44 Elliptical Stereo Cartridge with high compliance diamond stylus; the Lafayette 4-Channel Adapter; and 4 famous Lafayette Criterion 108 3-speaker, 3-way speaker systems, each with 10° woofer with 5½ ib. magnet, 3½" mid-range, 1½" super tweeter, cross-over networks and brilliance control in a fine oiled walnut finished enclosure.

21 R 91906WXM Shpg. wt., 158¾ lbs. Net 397.95

Same derived 4-channel stereo system as above except with 4 Lafayette Criterian 150A acoustic suspension speaker systems, each with 10° acoustic suspension woofer, 3° high frequency driver, 1½° super tweeter, cross-over networks and high frequency levic control in attractive oiled walnut finish enclosure. Shpg. wt., 122¾ lbs.
21 R 91914WXM

See Pages 16, 25, 58, 59, 82-68 For Component Description

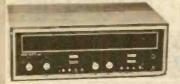
\*See Page 22 for Full Credit Details on Easy Pay Plan

# **MSCOTT SOLID-STATE HI FIDELITY COMPONENTS**

NEW! Model 495 2/4-Channel Stereo Quadrant® Amplifier

NEW! Model 444 2/4 Channel Stereo FM/AM Quadrant Receiver

NEW! Model 477 AM/FM Steren Receiver



with black vinyl clad case

- Power Output (RMS) 100 Watts. 4x25 or 2x50 Watts
- · 4-Channel Main and Remote Speaker Buttons

Fine performing Model 495 has four 25 Watt RMS amplifiers. Plays discrete 4-channel material, has built-in circuitry to convert 2-channel source material to derived 4-channel, and accommodates encoded 4-2-4 channel systems. Silding type controls: volume and balance, both front and rear. Inputs: 2 pair phono, 1 pair mic, 2 or 4-ch. tape, 4-ch. extra, and high level (tuner). Outputs: 2 front panel headphones, main & remote Quadrant% speakers, 4-ch. tape, and switched 117V outlet. Phono Input Sensitivity 3.0/6.0 mV. Extra 0.5V. S/N Ratio 65db/75db high level. Harmonic Distortion 0.5%. Added features: Pushbutton switches for speaker selector, hi-filter, loudness, tape mon, and "muting" (to temporarily lower speaker volume to answer phone, door, etc.). Size: 6 x 17½ x 17". For 117VAC, 60 Hz.
21 R 49508WX WL, 31 lbs. Net 349.90 nel, and accommodates encoded 4-2-4 chan-

NEW! Model 377 AM/FM Stereo Receiver



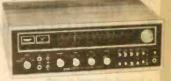
with black viny! clad case

- · Power Output (RMS) 100 Watts. 4x25 or 2x50 Watts · Automatic FM Stereo Light
- Automatic Quadrant Light

Same 4-channel amplifier as the Model 495 plus a sensitive AM/FM Stereo Receiver. Features include preamp sensitivity switch for both phono inputs, equalization switch for phono B/microphone. "Muting" switch for phono B/microphone. "Muting" switch to temporarily lower volume. Inputs; 2 pair phono, 1 pair mic, 4-ch. extra, 4-ch. tape, and preamp input jack. Outputs; 2 front panel headphones, main 8 remote Quadrant8 speakers, 4-ch. tape, Mutitipath scope and Mutilplex (to facilitate future 4-channel adapters), and 117V switched outlet. Phono Input Sensitivity 3.0/6.0 mV, Extra Input 0.5V; S/N Ratio 6506 low level, 7506 high level, Distortion 0.5%. Tuner, Sensitivity-FM 1.9 µV, AM 100 µV/meter. Sliver plated FET front end. Separate meters for AM signal strength and FM center tune functions. Size: 6x 171½ x 17°D. For 117VAC, 60 Mz. 6 x 171/2 x 17"D. For 117VAC, 60 Hz.

21 R 49516WX Wt., 32 lbs. Net 449.90

**NEW! Model 490 Stereo Pre-Amp Amplifier** 



with black vinyi clad case

- Power Output: 2x70 Watts (RMS) into
- 2 Meters: Signal Strength and Center Tuning

The Model 477 FM/AM Receiver features a front panel, six way speaker switching center which allows any two of three stereo pairs of speakers to be used in any combination. of speakers to be used any combination.

"Muting" switch to temporarily lower volume. hputs: 2 pair phono hi and lo, tape, mic, and extra. Separate pre-amp output jacks and power amp. input jacks. Front panel: microphone and headphone jacks, tape in out is the control of the in/out jacks, switchable phono inputs, and FM mono/stereo function light. 5 input function light; silver plated FET front end. Dual tuning meters show signal strength and precise center station tuning simultaneously with switching. Electronic protection circuits. S/N Ratio 650d phono. 75db extra input. FM Sensitivity (IHF) 1.9 µV, AM 100 µV/meter. Detector output for 4-channel multiplay address Size 5 1716. in/out jacks, switchable phono inputs, and channel multiplex adaptor. Size: 6 x 171/2 x 151/2"D. For 1171/AC, 60 Hz. 21 R 49524WX Wt., 34 lbs. Net 399.90

> NEW! Model 431 AM/FM Stereo Tuner



with black viny! clad case

No Money Down

- · Power Output: 2x40 Watts (RMS) into
- Signal Strength Tuning Meter
- · Tape Monitor

Highly sensitive AM/FM Stereo Receiver. Features new angled 9½" dial to increase visibility and tuning ease. Silver plated FET front end receives more stations with less tront end receives more stations with less distortion. Tape monitoring, speaker switches for two systems, phono level sensitivity switch, and "mutling" switch for temporarily lowering volume. Inputs: AM and 300 ohm antenna terminals, mic, phono hi and lo, extra, and tape monitor. Unswitched accessory outlet. Microphone and headphone jacks. FM and AM function lights, Electronic circuit protection and speaker line diverse. Phono linguit Sensitivity 3 (6.6.0 mV). tronic circuit protection and speaker line duses. Phono input Sensitivity 3.0/6.0 mly, mic 5/10 mly, Extra Input 0.5 mly. S/N Ratio 65db phono, 75 db extra input, Harmonic Distortion 0.5%. FM (IHF) Sensitivity 1.9 μly, AM 100 μl/meter. Size: 6 x 17½ 3 11½"D. For 117 VAC, 60 Hz. Shpg. wt., 24 lbe. L21 R 49532WX

Net 319.90

21 R 49540WX

Net 299.90

with black vinyl

clad case

with black viny! clad case

· 2 Meters-AM, FM-Multipath

Deluxe AM/FM Stereo Tuner features FET mutting circultry which eliminates interstation hiss without translents, Four and six pole lumped filters in the AM and FM-IF section maintains accurate alignment for the lifetime of the tuner. Two meters, one

the lifetime of the tuner. Two meters, one for center channel tuning and one for signal strength and multipath indication, increase tuning ease. Four-channel decoder output is provided for future use. Stereo noise filter, output level controls, and multipath scope outputs. 300 or 75-0hm antenna terminals and balun switch. Has Scott's famous silver plated. FET front end. Sensitivity—FM 1.7 µV (IMF), AM 100 µV/Meter. S/N Ratio 70db, Distortion 0.5%, Capture Ratio 2.5db, Selectivity (alternate channel) —70db. For 117 VAC, 60 Mz. Size: 6 x 17½ x 15°D. Shpg.wt. 20 lbs.

- 12-Pole IF Filter
- FET RF Front End

Powerful 2-channel solid-state stereo amplifier with complete flex bility. Built-in six-way speaker switching allows any two of three stereo pairs to be used in any com-bination. Audio 20db "mute" switch. Master level control, dual front and rear panel tape level control, dual front and rear panel tape recorder inputs and outputs permit connection of two recorders simultaneously. Inputs: phono 1 and 2, tuner, extra 1 and 2, and mic: 2-VU meters with meter range switch; function indicator lights. Front panel headphone jack, Pre-amp sensitivity control. Harmonic Distortion 0.5% at rated output; IHF Power Bandwidth 15-40 d/kHz; Hum & Noise —75db/high level, —65db/low level inputs; input Sensitivity, Phono-8 mV/high, 4 mV/low, Mie: 5.5 mV, Tape, extra .55V. Size; 6 x 17½ x 15½"D. For 117VAC, 60 Hz. Show. wr 32 lbs. 60 Hz. Shpg. Wt., 32 lbs.

· Power Output; 2x70 Watts (RMS) into

· 2-VU Meters with Switchable Ranges

21 R 49557WX

See Page 22 for Full Credit Details on Easy Pay Plan

# Fisher Solid-State 4 Channel Stereo Receiver

# **DELUXE MODEL 701** 250 Watt 4 Channel Stereo AM/FM Receiver

#### REPRODUCES:

- Conventional 2-channel stereo
- New 4 channel stereo

#### CREATES:

- 4 channel derived sound from conventional 2 channel stereo
- Autoscan FM Touch Tuning
- FM Stereo Beacon
- Advanced Solid State Circuitry



inss

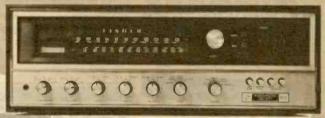
- 4 Tape outputs, 4 Tape Monitor Inputs
- · Main, Remote, Main and Remote Speaker Selector
- Separate Front and Rear Speaker Volume Controls

front and rear channels. Specifications: 250 watts ± 1 db Music Power total for 4 channels, RMS: 40/40/40/40 watts per channel. Power Bandwidth: 20-25,000 Hz, FM Tuner Sensitivity: 1.7 μV, S/N Ratio: 66 db; FM Stereo Separation 36 db; AM Tuner Selectivity 50 db. Mag, phono input sensitivity: 2.7 mV, Aux, Sensitivity Aux 1 and Aux 2, 200 mV, Front panel stereo Headphone jack, Size: 16 1%, W x 51/4 M x 14 D. Shpg. wt., 35 lbs.

21 R 33726WX No Money Down*	Net	699,95
Walnut Enclosure for 701 Shpg. wt., 7 lbs.		
21 R 33734W	Net	24,95
RK40 Remote Control Unit Shpg. wt., 1 lb.		
21 R 33742	Net	9.95

## **NEW MODEL 601** 200 Watt 4 Channel Stereo AM/FM Receiver

Compatible Two and 4 channel solid state AM/FM Stereo Receiver. Reproduce conventional 2-channel stereo and NEW 4 channel stereo. Also creates derived 4 channel sound from conventional 2 channel program material, The 701 has 4 tape recorder outputs, and 4 tape monitor inputs. Simultaneous monitoring and recording of tapes is possible on all 4 channels. The 701 has 3 methods of tuning: (1) Autoscan FM Touch Tuning—Automatic FM Station Scanning (2) Remote Control Autoscan Tuning with optional RK40 Remote control unit, (3) Manual Flywheel Tuning. Baxandail Tone Controls work on the front, rear, or both channels to provide full tonal balance. The 701 can dirive any 4 speakers in the main listening area, as well as 4 speakers in another room giving you 4 channel stereo in any 2 rooms of your home. Separate volume controls for both



- Reproduces Conventional 2-Channel Stereo
- Reproduces Startling 4-Channel Stereo
- · Creates 4-Channel Sound from 2-Channel
- Drives up to 8 Speaker Systems



A truly fine performing receiver. The sensitive FM tuner section utilizes 2 FET's and 5 IC's, Stereo Beacon® indicates the presence of an FM stereo station and automatically switches to stereo. Baxandall tone controls, 4-channel tape monitor inputs and outputs, separate main and remote switching of two four-channel hook-ups. Headphone jack, Specifications: FM Tuner Section—IHF Sensitivity: 1.8 µY; FM Stereo Separation: 35 db. Amplifier Section—Music Power: 200 watts +1 db at 8 ohms, Sensitivity: Phono 2.7 mY; AUX 1 and 2, 200 mY; Monitor, 300 mV. For 117 VAC 60 Mz. Size: 16 1/4, x 51/4 x 161/2". Shpg. wt., 35 ibs. 21 R 33759WX No Money Down\* Net 599.95 Wainut Cabinet for 601. Shpg. wt., 7 ibs.

Net 24 95

## Model K-10 "Spacexpander" **Electronic Reverberation System**

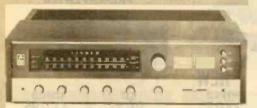
#### Add A New Dramatic Sound To Your Listening Pleasure With One Simple Control.

Add concert hall realism to your listening area. Supplies the reverberation normally heard in an acoustically perfect concert hall. Samples sound output from amplifier, and re-injects the same sound after a short time delay thus adding the reverberation effect. May be used with any mone or stereo home music system using separate preamplifiers or tape monitoring facilities. Connects to any signal from 0.2 to 5.0 volts. Simple to operate and easy to install, Tubes: 2-12AX7, 1-7247 plus a selenium rectifier. Size: 95/4LX1/4,WK5/6\*/M. Shpg. wt., 74/4 lbs.

21 R 36505 No Money Down\*

# 琴 Fisher Solid State Stereo Receivers & Amplifiers

## NEW Model 301 140 Watt AM-FM Stereo Receiver



With osewood Enclosure No Money Down

- Baxandall-Type Tone Controls
- 4 Way Speaker Selector
- FM Stereo Indicator Light
- · FM Muting

NEW Model 401 150 Watt Remote Control AM-FM Stereo Receiver



Enclosure No Money Down'

- Includes Remote Control Unit
- Automatic Stereo Switching
- Baxandall-Type Tone Controls
- 4-Way Speaker Selector Switch

Quality AM/FM stereo receiver with a vast array of features: Bax-Quality AM/FM stereo receiver with a vast array of features: Baxandall-type tone controls—provides distortionless bass and treble boost and cut; loudness contour switch, pushbutton FM muting to reduce interstation noise and hiss on FM, high filter switch; speaker selector switch for listening to your main speakers, your remote speakers, or both sets of speakers simultaneously; front panel stereo headphone Jack and record output jack. Specifications: FM Tuner Section—Sensitivity—2.0 µV, harmonic distortion—less than 0.5%, separation—30 db. Amplifier Section—Music power 140 watts ± 1 db, at 4 ohms, RMS power 42/42 watts, harmonic distortion—0.5%, power bandwidth, IHF 25 Hz to 20,000 Hz, Input Sensitivity: Phono, 2.8 mV; Aux. 200 mV; Mon, 300 mV, With rosewood finished cabinet. Dimensions: 181/2x51/2x16". For 117 V, 60 Hz AC.

21 R 33767WX Shpg. wt., 291/2 lbs.

Net 349.95

Deluxe AM/FM Stereo Receiver with accessory Remote Control Unit (Included), Features: Automatic stereo switching—patented Stereo-beacon Circuit Indicates whether the Incoming FM broadcast is in stereo or mone and switches to the correct mode of operation automatically; Baxandalf-type tone controls provides distortionless bass and treble boost and cut, pushbutton FM muting eliminates FM inter-

New Model 201 80 Watt AM/FM Stereo Receiver



- Audio Attenuator
- Tape Monitoring
- 4-Way Speaker Selector
- Tuning Meter

The 201 features 80 watt music power, tape monitoring facilities, audio attenuator for headphone usage, Baxandall tone controls for bass and treble, four-way speaker selector, two AUX inputs. Specifications: FM Tuner Section—IHF Sensitivity 3.0 µY; Harmonic Distortion: 0.6%; Separation 35 db. Amplifiler Section: Music Power—80 watts ±1 db at 8-ohms, RMS Power 25/25 watts 60 8 ohms, Power bandwidth, 25 to 20,000 Mz Sensitivity: Phono 4 mY AUX 1 and 2; 200 my; Monitor 200 mV. For 117 VAC, 60 Nz. Shpg. wt., 1842 bs. No Money Down 21 R 33783WX Net 219.95 Walnut Cabinet for 201. Shpg. wt. 4 lbs. The 201 festures 80 watt music power, tape Walnut Cabinet for 201. Shpg. wt. 4 lbs. 21 R 337COW Net 14.95

**NEW Model 202 100 WATT AM/FM STEREO RECEIVER** 



- Tape Monitoring Facilities
- 4 Way Speaker Control
- FM Tuning Meter

Moderately priced AM/FM stereo Receiver featuring 100 watts music power, tape mon-ltoring facilities, muting, mono/stereo modes of operation, lighted program selec-tor, Baxandall feedback circuit for bass and tor, Baxandall feedback circuit for bass and treble, and main, remote, main and remote speaker selector. Specifications: FM Tuner Section—IMF Sensitivity: 2.5 µV; Harmonic Distortion 0.6%; S/N ratio: 64 dB: FM Stereo Separation: 35 dB; AM Tuner Section—Selectivity: 44 dB; Amplifler Section: Music Power: 100 Watts ±1 db at 8 chms; IMF Power at 8 ohms: 40/40 watts; RMS Power at 8 ohms: 24/28 watts; Power Bandwidth IMF: 25 to 20,000 Hz; Sensitivity: Phono Low: 2.5 mV, Phono High: RMV, Aux 1 & 2.200 mV. Size: 151½ W x 4½ "H x 14¼"0, Wt. 23¾ lbs For 11 VAC 60 Hz. Net 269.95 21 R 33692WX Walnut Cabinet for 202. Shpg. Net 269.95 wt., 4 lbs. Net 14.95 21 R 33700W

Model TX-50 65-Watt Stereo Control Amplifier



- 4-Way Speaker Selector: Main, On/Off: Remote.
- Front Panel Head- phone Jack
- Overload Protective Circuitry

Provides a full complement of controls plus full tape and phono facilities. Loudness contour switch restores natural tonal balance at low and high volume levels. High frequency at low and high volume levels. High frequency filter switch eliminates annoying high frequency noise. Has front panel headphone lack with complementary speaker silencing switch, 4-way speaker switch selects main, on/off and remota, on/off, Power Output: 65 watts 4-1 db at 8 ohms, Harmonic Distortion: 0,5% at 1 kHz. Power Bandwidth: 25-25,000 Hz, at 8 ohms, Stereo Separation: better than 45 db. Hum and Noise: —85 db. For 117 Volts AC 60 Hz. Size: 15½WX41¾kHx 9\*\*D. Shog, wt. 16 lbs. wt., 16 lbs. 9"D. Shpg. wt. 21 R 33585W Net 159.95

Oiled Walnut Cabinet, Wt. 6% ibs, 21 R 36414W Net

# Professional Solid State Components by ALIVACO

#### Quadaptor® 4-Dimensional Stereo Adapter

NFW 1995 WIRED 2995



Add the Quadaptor and two speakers to your 2-channel stereo amplifier or receiver-and listen to 4-dimensional stereo sound from your present records, tapes, and FM-Stereo broadcasts. The Dynaco Quadaptor 4-dimensional system provides faithful reproduction of the original "recording studio sound" the added ambience (reflected sound) in stereo recordings—which is normally not heard in a conventional 2-speaker system. The Quadaptor is also compatible for recordings using other related matrix-type systems. The Quadaptor actually serves as a junction box between the stereo amplifier and the 4 speakers. It provides the essential circuitry for recovering (to de-matrix) the 4 separate signals from the 2 stereo channels. Shpg. wt., 3 lbs. Size 7" x 7" x 8". No Money Down

21 R 23586 Qudaptor Kit .... Net 19.95 21 R 23594 Quadaptor Wired Net 29.95

FM-5 Stereo FM Tuner



All transistorized. Has "DynaTunee" which automatically fine tunes a desired station to the minimum distortion point in both mono and stereo. Highly effective 19 and 38 kHz filters to prevent interference when making off-the-air tape recordings. Low phase shift permits more than 40 db stereo separation at mid-frequencies and 30 db to beyond 10 kHz. Includes an auxiliary high level input for any future developments requiring additional circuitry, such as four-channel multiplexing. SPECIFICATIONS: HH sensitivity (noise and distortion-30 db @ 100% modulation): 1.75 LW, Freq. response, 50 Hz to 15 kHz ± 1 db. Capture ratio: 1.5 db. Ultimate Signal to Noise ratio: 65. db. Front panel controls: Power/Volume; Tuning; Circuit Mode (off; muting; muting and Dynatine®); Mono-Stere filter; Output (FM; Auxiliary). Size: 13½ x x 9 x 4½"H. 10 Watts, 100-120V, 220-240V, 50,60 Hz AC. Shpg. wt., 11 lbs. No Money Down\*
21 R 23578WX FM-5 Wired Net 249.95 All transistorized. Has "DynaTune®" which

PAT-4 STEREO PRE-AMPLIFIER



WIRED 5995

Dyna Tone Control Circuit

Deluxe solid state stereo pre-amplifier offering complete control facilities for any conceivable stereo or music system source. Features exclusive "Dyna Tone Control Circuit" to assure truly flat response (Patent Pending). Also features a switch selected high frequency filter @ 7, 10, and 15 kHz. Plus flat position. SPECIFICATIONS: Freq. Response: ±0.5 db from 10 to 100,000 Hz. Harmonic Distortion less than 0.05% at 2 volts output between 20 Hz and 20,000 Hz. IM: less than 0.5% at 2 volts output; Tone Control Range ±12 db at 50 Hz and 10,000 Hz. Noise: less than 2 mv. 8 silicon Transistors, 2 diodes. For 120 or 240 volts 50 or 60 Hz. Shpg. wt., 9 lbs. Size: 131/2x41/4x8" 21 R 23255W PAT-4 Kit

PAT-4A Factory Wired and Tested

89.95 21 R 23263W

Net 159.95

"STEREO-80" POWER AMPLIFIER



40-Watts RMS Power **Output Per Channel** 

KIT

WIRED 5995

The Stereo-80 is a conservatively designed stereo amplifier rated at 40-watts RMS per channel with both channels operating simultaneously. Excellent frequency response with low distortion levels, incorporates current limiting protection which eliminates the inconvenience or replacing fuses or resetting circuit breakers whenever the amplifier is overdriven, Illuminated rocker power switch, Frequency response: 15 Hz to 50 kHz ± .5 db. Harmonic distortion: Jess than 0.5% up to 40 watts per channel; IM distortion: less than 0.5% up to 40 watts per channel. Power bandwidth: 6 Hz to 50 kHz. Input sensitivity: 1.3 volts. Hum and Noise: 95 db below rated output, For 100-120/220-240 VAC 50/60 Hz. Size: 131/2x41/4x9"D. Shpg. wt., 14 lbs. Stereo-80 Kit No Money Down\*

21 R 23289W

Net 119.95

Stereo-80 Factory Wired and Tested Net 159.95

"STEREO-120" POWER AMPLIFIER



60 Watts RMS Power Output Per Channel

WIRED

A solid state stereo power amplifier which offers superb performance. Perfect companion to the PAT-4. No interstage or output transformers are used. Power output per channel: 60 watts RMS @ 8 ohms. Features: Electronic protection against open circuits or shorts; by means of a current limiting biasing circuit. No fuses or circuit breakers are needed. SPECIFICATIONS: Frequency Response: 10 Hz to 100kHz; ±0.5 db. Harmonic Distortion: less than 0.5% at any power level up to 60 watts. IM Distortion: less than 0.5% up to 60 watts. Noise: 95 db below rated output, 15 Transistors, 15 diodes. Size: 13x1042x4". For 120/240 VAC 50/60 Hz. Shpg. wt., 19 lbs. No Money Down\* 21 R 23230W Kit Net 159.95

**Factory Wired and Tested** 21 R 23248W

Net 199.95

SCA-80 INTEGRATED STEREO AMPLIFIER



169<sup>95</sup> WIRED 24995

Soild state, integrated stereo control amplifier combining the power amplifier of the Stereo-80 and a preamplifier incorporating most of the features of the PAT-4, 40-watts RMS per channel @ less than 0.5% H.D. from 20-20,000 Hz at full power. Power Bandwidth: 6 Hz to 50 kHz. Input Sensitivity: Phono, 3 my; High Level, 0.13 v. Hum and Noise: Phono, better than —80 db. Tape monitor switch, speaker selector switch, front panel stereo headphone jack, Size: 13½x4¼x10°D, for 100-120/200-240 VAC 50/60 Hz. Shpg. wt, 17 lbs. No Money Down\*
21 R 23217 W SCA-80 Kit Net 169.95 SCA-80 Factory Wired and Tested
21 R 23305W Net 2004 FEED TOWN COLORS COL

## OTHER DYNA COMPONENTS

PAS-3X Stereo Pre-Amplifler Kit, Shpg. wt., 10 lbs. 21 R 23016W 21 R 23016W Net 79.95
PAS-3XA Stereo Pre-Amplifier Wired. Shpg. wt., 91/2 lbs. 21 R 23024W Net 109 95

Stereo 70 70-watt Stereo Basic Ampilifer. Shpg. wt., 30 lbs. 21 R 23032W Net 99.95 Stereo 70 70-watt Stereo Basic Amplifier. Shpg. wt., 31½ lbs. 21 R 23040W Net 129.95

# **EICO Solid State HI-FI Components**

## CORTINA 3780 50-WATT AM/FM STEREO RECEIVER



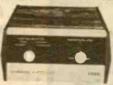
 All Silicon Audio Amplifier Section Delivers 50-Watts ± 1 db at 4 Ohms

Pre-Assembled and Pre-Aligned RF, IF and MPX Sections

21 R 26050WX Model 3780 Wired No Money Down\*

Net 169.95

## **NEW FICO "QUATRASONIC"** 4 DIMENSIONAL ADAPTER



Convert your present stereo system to 4 dimensional stereo sound, Just add the Quatrasonic adapter and two speakers. No additional stereo amplifier is needed, You will be able to listen to the reflected sounds alne able to listen 40 the reflected sounds ar-ready present on your records and tapes that cannot normally be heard on a conventional 2 speaker stereo system, Requires no AC power, Size 3½4½6Wx6¾°D, Shpg. wt., 2

Quatrasonic Kit 21 R 26068

Quatrasonic Wired

21 R 26076

Net 17.95

Net 29.95

#### **CORTINA 3080 50-WATT STEREO AMPLIFIER**

#### **CORTINA 3300** FET AM/FM STEREO TUNER



Extremely compact, "low silhouette" design.

Output: 50-watts ± 1 db @ 4 ohms. Response: 20 to 20,000 Hz ± 3 db. Separation: 45 db. Sensitivity: Mag. Phono 3.8 mV; Aux., and Tape 300 mV. Impedance: Mag phono 47K, Aux., and Tape 100K ohms. Power Bandwidth: 20 to 30,000 Hz. Output Imped., 4-16 Ohms, Front panel stereo headphone jack. Includes vinyl clad metal cabinet, for 105-130 VAC., 50/60 Hz. Size: 3½x12x656". Model 3080 Klt

21 R 26001W No Money Down\*Net 69.95

Model 3080 Wired

21 R 26019W No Money Down' Net 109.95

Pre-Assembled and pre-aligned RF, IF and MPX sections, Advanced FET wideband circultry for maximum sensitivity, selectivity, separation and stability. Outputs for direct "off-the-air" tape recording, Features disappearing black tuning dial. Specification FM SECTION—Sensitivity (IHF): 3.2 M. Harmonic Distortion: less than 1.75%. Capture Ratio: less than 4%. S/N Ratio: 60 db. Stereo Separation: 33 db @1 kMz. AM SECTION—Usable Sensitivity (IHF): 200 µV/m. S/N Ratio: 45 db. Selectivity: 30 db. includes vinyl metal cabinet. Size: 3½x12x 63%". Shpg. wt., 6 lbs. 6%". Shpg. wt., 6 lbs.

21 R 26027W Model 3300 Kit Net 69,95 21 R 26035WX Model 3300 Wired 109.95

#### CORTINA 3070 **80-WATT STEREO AMPLIFIER**



"All Silicon Solld State Design" offers pow-"All Silicon Solid State Design" offers powerful performance and true-to-life sound. Delivers 40 watts of continuous power per channel ± 1 lb at 4 ohms, 35 watts IHF @ 4 ohms. Freq. Responses: 5-100,000 Mz +1.5 db; 8-60,000 Mz +0.5 db. Hum and Neise: 72 db below rated output, input Sensitivity: 4.2 mv on magnetic phono; 270 mv on auxiliary, tuner and tape. Input Impedance: 47k ohm on magnetic phono; 110k minimum on other inputs. Danish watnut vinyl clad case. For 105-130V 50/60 Mz Ac. 34x12x8"0 For 105-130V 50/60 Hz Ac. 3½x12x8°D. Shpg. wt., 13½ lbs.
21 R 25375W Model 3070 Kit Net 99.95

21 R 25383W Model 3070 Wired 139.95

# Acoustic Research Solid State Hi-Fi Components

120 WATT SOLID STATE STEREO AMPLIFIER

120 WATT SOLID-STATE STEREO FM RECEIVER



Net 15.00

All silicon solid state circuitry. Response: 20-20,000 Hz ± 1 db at full power or below. Distortion is less than 0.5% from 20-20,000 Hz up to full power. Input sensitivity: phono circuit—2 mv, to 5 mv. (adlustable); tape playback and tuner inputs—200 mv. for full power output. Self-resetting, thermostatic circuit breakers for both channels plus speaker fuses. For 110-120 voits AC, 60 Hz. 154mx4%x10°.

21 R 72666WX No Money Down\* Walnut wood cover for above. Wt., 4 lbs. 21 R 72674W

FET front end with 4-section capacitor, multisection crystal IF filter, IC IF amplifiers, and 2µV sensitivity insure superb FM reception. Power output 60 watts rms @ 4 ohms. Self-resetting thermostatic circuit breakers in both channels, tape monitor and speaker-head-phone switch. Outputs for tape recorder, center channel, headphone, and 4-16 ohm speakers. For 110-120 VAC, 60 Hz. Size: 1744Wx6Hx

21 R 72799WX Shog, wt., 32 lbs. No Money Down.\* Net 420.00 Walnut Wood Cover for above. 21 R 72807W Shpg. wt., 51/2 lbs.

... Net 20.00

# **EICO** Environmental Color Lights



## Model 3450 4-Channel Color Organ with Active Filters

- Easily Connects to Speaker Leads
- Watch the Music You Love Spring to Life As a Vibrant Interplay of
- Individual External Color-Crossover Controls for Precise Color Mixing

Controls for Precise Color Mixing
All-electronic solid-state color organ
provides true frequency synchronization
of sound with color. See every tone,
every note, every combination of instruments create its own vivid pattern.

Cored light. The color (hue) is controlled by the pitch (frequency) of the music,
and the brightness by the loudness of each frequency band. 4 color frequencles—red, blue, green, and yellow with positive switching of colors.

Attractive walnut grain cabinet with shatterproof plastic front. Comes in
kit or factory wired. Size: 30 x 15 x 11"D. Shpg. wt., 31½ lbs. For 117

VAC., 60 Mz. No Money Down\*
21 R 25888WX Model 3450 Kit

Net 79.95
21 R 25898WX Model 3450 Wired

21 R 25896WX Model 3450 Wired

Net 109.95

## NEW Model 3430 3-Channel Color Organ

Wired

No Money Down\*

. Individual External Color-**Crossover Controls for** Precise Color Mixing



#### Model 3475 Deluxe **Audio Activated Strobe Light**

Kit



No Money Down\*

The music itself continuously controls the flash rate, Just attach to the speaker leads of your sound system. Each music beat creates a different flash rate automatically.

creates a different flash rate automatically. Features aluminum deflector and shield. Sensitivity control. Easily replaceable plug-in type Xenon bulb. For 117 VAC, 60 Hz. Size: 6½ n 3½ n 5½." Shpg. wt., 6½ lbs. 21 R 25813 Model 3475 Kit Net 39.95 21 R 25821 Model 3475 Wired Net 59.95 Model 3470 "Adjustable Rate" Electronic Strobe, Flash rate is adjusted by speed rate control. Same size as above. Shpg. wt., 5½ lbs.

5¼ lbs. 21 R 25839 Model 3470 Kit Net 24.95 21 R 25847W Model 3470Wired Net 39.95

#### Model 3465 3-Channel Sound Lite Translator

Kit **1**95 Wired



No Money Down\*

- Transforms Sound Waves to Light
- Solid-State Active Filter Design

• Solid-State Active Filter Design Varies Intensity of light by means of a change in frequency (high, low, or mid-range) from the output of a sound source (PA, Histisystem, Phono). 3 separate 400-watt light sources can be hooked up to output receptacles on the translator. Using an arrangement of color bulbs, you can project on a wall or screen a spectacular lighting effect in rhythm with the music played. Exclusive EICO solid-state active filter design. Vinyicalad metal cabinet. For 117 VAC, 60 Hz. Size: 6½ x 9½ x 5½. Shpg. wt., 6¾ lbs. 21R 25771 Model 3465 Kit Net 49.95 21R 25789w Model 3465 Kit Net 49.95

## **NEW Model BLS-10** High Intensity Blacklite/Strobe



Instant-starting 18 inch fixture features a rugged high intensity 15-watt UV bulb in a poisshed chrome reflector—almost equals 75 watts of ordinary light. Easily mounts over paintings in windows, etc., with multipositional mounting "Key Hole" type slots. Throws its mystifying illumination as far as 25 feet or more. Exclusive added feature of Solid-State "Strobe" (pulse) circuit for adjustability of on-off rate. Enables you to synchronize illumination with the rhythm of your music for extraordinary effects. Jet Black cabinet. Size: 4½ x 18 x 4". Shpg. wt., 9 lbs.
Model BLS-10 Kit 21 R 25458W Net 24.95

21 R 25458W

Net 24.95

Model BLS-10 Wired 21 R 25466W No Money Down\*.. Net 34.95

### **NEW Model CS-3 Three Channel** Color Organ/2-Way Speaker System



Speakers and a color organ all-in-one. Wal-nut-grained enclosure fits anywhere—book-shelf, table, etc. Full fidelity sound from powerful 6" woofer and 3" tweeter. Color-lights of reds, blues, and greens individu-ally respond to volume and corresponding frequencies of the music. Each color channel has its own sensitivity control. Size: 24 x 12 x 7". Shpg. wt., 15 lbs. 21 R 25979W Model CS-3 Kit Net 39.95

Model CS-3 Wired 21 R 25987W No Money Down\* Net 59.95

### NEW Model 4600 "Light Sequencer"



Wired

Remember the "moving" lights on the theatre marquee? . With the EICO 4600 you can produce, in any custom serial arrangement of any color lamps, a similar sequence of "on-off" states that create the appearance of light "running around" in that confliguration. The Speed Control makes possible a wide laitlude of sequencing or light "chasing." All solld-state design. 3 lamp channels—up to 150 watts maximum per channel. Maximum wattage per channel 150 watts. Size: 3½ x 6 x 3". Shpg.

21 R 25953 Model 4600 Kit 21 R 25961 Model 4600 Wired

Net 19.95 Net 29.95

# COLOR LIGHTS, STROBES & ACCESSORIES



## **4 CHANNEL FREQUENCY** SYNCHRONIZED SOUND **ACTUATED COLOR LIGHTS**

- Giant 281/2" by 131/2" Screen 4 Adjustable Color
- Continuously Floring Color Images

A sophisticated electronics system that provides true synchronization of color and sound. See true synchronization of color and sound. See every tone, each note, and every combination of instruments create its own vivid color pattern. The system includes 4 color channels: red blue, green and yellow that are everchanging, interweaving, and blending to produce fantastic, spontaneous, frequency synchronized multi-color patterns to the music reproduced by your speakers. Connects in seconds to your Hi-Fi system or sultar amplifier without any loss; in sound as yillow. connects in seconds to your ni-ri system or guitar amplifier without any loss in sound quality or volume. All solid state integrated circuitry. Handsome wakut vinyl covered wood cabinet. Size: 30x15x11". For 117 VAC 60 Hz. Shpg. wt.,

21 R 03000WX No Money Down" ... Net 59.95

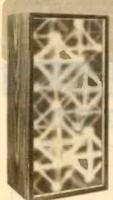




New

Lites

Color Lights priced to fit your budget. One piece 3 sided prismatic lens produces a panorama of colors that have a 3 dimensional effect. Solid state electronic control transposes music sound impulses into multitransposes music sound impuises into multi-color flashing light patterns, Hooks up to speaker leads of any sound source. For 117 VAC 60 Hz. Size 18x11x7". Walnut vinyl grained wood cabinet, Shpg. wt., 8½ lbs. 13 R 75526



## 4-Color Sound-Actuated **Color Lights**

· Easily Connects to Speaker Leads

Top quality, 4-color, solid-state sound activated color organ. You can actually see every note and tone converted to a brilliantly moving pasorama of colored, dancing images with each note and tone produced by the music. Flashing red, blue, green and yellow colors create an entertaining display of multi-color, 3-dimensional spontaneity which varies to the 3-dimensional spontanetty which varies to the amplitude of the sound source. Hi/low inputs allows you to adjust for music power levels; exclusive 4-in-1 color control. Housed in walnut wood grained cabinet, For 110 VAC 60 Hz. Size: 241/210". Shpg. wt., 15 lbs. 21 R 25904W No Money Down\*... Net 34.95

Wireless 4 COLOR AUDIO LIGHTS. Same as above except with built-in microphone. No speaker leads to connect. Size: 24x12x10". 21 R 26084W Shpg. wt., 10 lbs.... Net 39.95



## "Color Column" Audio Lites

No Money Down\*

95 • 21"H x 7"D Full Spectrum of Abstract Color Lighting

Handsome table-top color columns only 21"HX"D. Magnificent abstract color Images in everchanging motion. These unique color cylinders, make flashing patterns of colored lights pulsating to the rhythm of your music. Hooks up to the speaker leads of your Hi-Fi system, tape recorder, or guitar amplifier, Col-umn is constructed of prismatic poly-carbonate plastic with "Brite" chrome base. For 117 VAC. Shpg. wt., 5¼ lbs. 13 R 75534W Net 44.95

# "Mini" Electronic Strobe Light



- Fully Transistorized · Only 51/4" High
- A compact electronic strobe light unit in attractive walnut finished cabinet. Use for special lighting effects in photography, combo groups, or discotheques. Adjustable speed control can be varied to the beat of music from

1 to 12 flashes per second. A 4 inch chrome reflector, clear plastic tens cover and Xenon flash tube deliver a powerful light flash over a 60° arc. For 117 WAC 60 Hz. Size 51/4x51/4x41%." Shpg. wt., 3 ibs. 13 R 48010

## 3-Channel Color Light Control Center

- True Frequency Division
- 500 Watts Per Channel (1500 Watts Total)
- Easily Connects to Any Speaker



Transform a large room into a total light-sound environment! Trans-Transform a large from into a total light-sound environment! Translates musical patterns into dynamic patterns of throbbing, flashing lights precisely synchronized to the music. Provides 500 watts per channel (1500 watts total). Audio spectrum is divided into 3 ranges, low, medium and high, by 3 separate, transistorized frequency selective amplifiers. Accepts nine 150 watt or eighteen 75 watt lights at once; on/off switch; 3 intensity adjustments; on/off pilot light and three channel indicator lights, For 110-120 VAC, 15 amps. max. 13 R 480-32 Shpg. wt., 3 lbs. No Money Down\* Net 39.95

# Ultra-Compact Criterion Hi-Fi Speaker Systems

CRITERION "2X" 2-Speaker 2-Way Acoustic Suspension System





11"W x 7"D x 81/4"H.

Ideal for low-powered amplifiers or receivers

Ideal for use as extension or remote speakers in any hi-fi system

Ideal replacement speakers for upgrading sound quality in modular compact phono systems

A Truly Compact High Fidelity Speaker System with a Power Handling Capacity of 20 watts

2 For

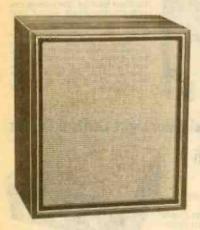
- 5" Acoustic Suspension Woofer with 7/8" voice coil and 1 lb, magnet structure
- 3½" cone-type Tweeter
- 60-19,000 Hz overall response

• 60-19,000 Hz overall response

A low-cost, ultra-compact 2-way speaker system only 11"V' x x 7"D x 84". H. Provides astonlishing music reproduction for Its size. Perfect for use as main speakers with low-powered stereo ampliflers or receivers... as remote or extension speakers in any existing stereo hl-fi system—even as replacement speakers to upgrade sound quality in modular compact phono systems. Small size and handsome walnut finish lets you use them anywhere in the home or office... on a bookshelf, end-table, desk—locations are actually unlimited. Fine sound quality results from the use of techniques employed in high-priced hi-fi speaker systems. 5" woofer in a sealed cabinet uses the well-known acoustic suspenion principle to produce substantial bass from a system this size. A 3½" tweeter provides smooth, crystal-clear sound up to 19,000 Hz—beyond the limit of hearing for most people. Interior of rigidly constructed enclosure is fiberglass-loaded to reduce unpleasant resonances—Finished on four sides in rich oiled walnut veneer, with grille cloth in subdued dark brown color. Overall response 60-19,000 Hz. Crossover frequency 4000 Hz. Power Handling Capacity 20 watts. Impedance 30 Mps. Imported. Imported Net Each 14.95

99 R 02388W Shpg. wt., 9 lbs.

# 2-Speaker 2-Way Air Suspension 8" System



123/8W x 7D x 101/4"H





#### POWER HANDLING CAPACITY 25 WATTS

5 Year AAA Guarantee See page 415 for terms

• 8" Woofer, 21/2 Tweeter

• Frequency Response: 55-19,500 Hz.

. Rich, Hand Rubbed Oiled Walnut Finish

FULL SIZE PERFORMANCE . . this outstanding ultra-compact Lafayette 2 speaker 2-way system achieves a purity of sound and music quality that is astounding for a speaker system measuring only 1246W x 70 x 1016/ml. Perfect for use anywhere in your home or office. You get rich styling plus true high fidelity music reproduction at a low, low price. System consists of a powerful 8" woofer which provides smooth bass sound reproduction down to 55 Hz, and a 2½" cone tweeter that gives you sparkling clan high frequency response. Also includes a built-in 8,000 Hz, electrical crossover network. Power handling capacity of 25 watts makes it compatible for use with most amplifiers and receivers. Interior of cabinet is designed to damp out standing waves and other spurious vibrations. Specifications: Frequency Response. 55-19,500 Hz. Voice Coll impedance: 8 ohms. Woofer 8" high compilance with 32.6 oz. magnet structure; rolled edge suspension. Tweeter: 2½" cone type with 2.4 oz. magnet structure. Electrical Crossover: 8,000 Hz. Imported. Shgp. wt., 12½ lbs. over: 8,000 Hz. Imported. Shpg. wt., 121/2 lbs. 99 R 02255W

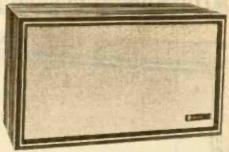
# Quality Speaker Systems at Popular Prices

CRITERION "50A" True 2-Way Bookshelf Speaker System

ONLY

POWER HANDLING CAPACITY 30 WATTS

- . Powerful 8" Wonfer with 1" Voice Cail
- "Tuned" Enclosure with Tube-Type Ducted Port
- Overall Response 50-19.000 Hz
- 7.000 Hz Electrical Crossover
- 31/2" Cone Type Direct Radiator Tweeter
- · Rich Hand-Rubbed Oiled Walnut Finish



#### 5 Year AAA Guarantee see Page 415

SYSTEM DESIGN Tube Type 4 Sides and Back Lined with Acoustic 8" Woofer Material 31/4" Tweeter

Improved version of our best-selling Criterion "50". Provides impressive ht-fi sound, yet measures only 10% M x 19W x 8%"D. An 8" heavy-duty woofer with 36 oz. magnet structure and 1" voice coil is acoustically matched to a 3½" cone-type direct radiator tweeter. Provides deep, rich bass down to 50 Hz with sparkling mild-range and high frequency reproduction to beyond audibility. Electrical crossover operates at 7,000 Mz. Enclosure is bass reflex design using a ducted port of the tube type to provide proper acoustic "tuning" of the enclosure. The ducted port provides a special path for the low frequency sound waves radiated from the rear of the woofer so that they emerge "in-step" with those radiated from the front of the speaker, providing substantially greater bass sound power from the system. Finished on all four sides in a rich, hand-rubbed olled walnut veneer with beige acoustic grill material, Rated at 30-watts. Designed for vertical or horizontal placement. Overall, response: 50-19,000 Hz, Nominal Impedance: 8 ohms. Imported. Shps. wt., 18 lbs. 8 ohms, Imported, Shpg. wt., 18 lbs. Net 29.95

99 R 02131W 3-Speaker 3-Way Bookshelf

CRITERION

Acoustic Suspension Speaker System

ONLY

POWER HANDLING CAPACITY 30 WATTS

- 8½" Woofer with 1¾ Lb. Magnet Structure and 1" Voice Coil
- 31/2" Mid-Range Speaker with 1/2" Voice Coil
- 1 1/2" Direct-Radiator Type Tweeter
- Crossover Frequencies: 3,000 and 10,000 Hz
- · High Frequency Brilliance Control
- · Rich, Hand-Rubbed Oiled Walnut Finish



5 Year AAA Guarantee see Page 415

See Page 415

Expert combining of components for outstanding performance at an unbelievable low price! Heavy-duty 8½" woofer in a seated fiberglass-filled enclosure uses the well-known acoustic suspension principle to extend response down to a low 40 Hz, assuring deep, natural bass with outstanding clarity and impact. Reliable 3½" cone-type mid-tange speaker reproduces clean, full bodied sound throughout the important middle frequency range. Sharply detailed high frequency reproduction is accomplished with a ½" direct radiator type tweeter.. response is true, complete and unmarred by rattle or breakup. Electrical crossover network at 3,000 and 10,000 Hz assures smooth, balanced distribution of sound over the audio spectrum. Compensating high frequency level control (on rear) permits you to tallor the sound to your specific room acoustics. Handsome walnut finish on four sides with tastefully accented brown grill cloth to blend with any decorating scheme. Overall response: 40 Hz to 19,000 Hz. Impedance: 8 ohms, Imported, Size: 19% W x 10% H x 81% 0 Shpg. wt., 1944 lbs.

99 R 02321W No Money Down\*\*

Net 39.95

SYSTEM DESIGN 31/3" Mid-Range 81/2" Woofer 11/2" Tweeter Sealed, Fiberglass-filled enclosure

# Lafayette CRITERION® '100B' 40-Watt 10" 3-Speaker 3-Way Bookshelf System



Magnificent Full Range Sound Reproduction from a 10-inch System

#### 5 Hoar A. A. A Guarantes

A Lafayette quality product that is guaranteed against defects in material and workmanship for 5 years. If this unit fails to operate due to such defects, simply return it prepaid with your original sales slip or order. Lafayette will repair it without charge including return transportation.

# System Design Perfectly Matched Components



- \* Powerful-10" Woofer with 51/2 Lb. Magnet Structure and 2" Diameter Voice Coil
- ★ 3½" Mid-Range Speaker
- \* 11/2" Direct Radiator Super Tweeter
- . "Tuned" Enclosure with Tube-Type Ducted Port
- Full 12 db/Octave Electrical Crossover Network at 3.500 and 10.000 P.z
- Overall Response 30-19,000 Hz
- . High Frequency Brilliance Control

Top quality, moderately priced 3-speaker 3-way system that delivers really "big" sound. Equipped with 3 separate speakers for widerange response—a powerful 10-inch woofer with a 5½ lb. magnet structure, a 3½" mid-range speaker, and a 1½" direct radiator type super tweeter. All 3 speakers are acoustically matched and employ a full 12 db/pctave L/C crossover network at 3,500 Hz and 10,000 Hz. Features High Frequency Control at rear of cabinet. The use of an acoustically "tuned", enclosure results in a reinforcement of the low frequencies, and produces enhanced bass response. Superb "Criterion" styling blends in with the most elegant decor. The enclosure is finished on all four sides in a rich, hand-rubbed oiled wal-nut veneer and tastefully framed in an ebony and gold picture frame molding with white and gold acoustic grill material. Highly efficient nut veneer and tastefully framed in an ebony and gold picture frame molding with white and gold acoustic grill material. Highly efficient operation assures rich, full-bodied sound even with low-power amplifiers. For vertical or horizontal placement. Dimensions are 21½W x 11¾H x 9¾°D. Overall frequency responses: 30-19,000 Hz; crossover frequencies—3,500 and 10,000 Hz; nominal impedance: 8 ohms; power handling capacity 40 watts program material. Imported. Shpg. wt., 29 lbs.

99 R 02115W

Net 49.95

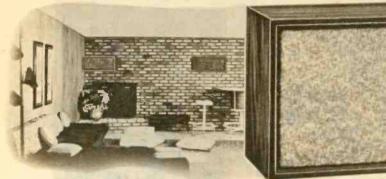
#### SYSTEM DESIGN.

SYSTEM DESIGN

The enclosure is a bass-reflex design using a "sonic tube" to provide proper acoustic "tuning" of the enclosure. The tube provides a special path for the low frequency sound waves radiated from the rear of the woofer so that they emerge "in-step" with those radiated from the front and thus provides substantially greater bass sound power from the system. Solid wood construction plus the use of sound absorbent material ensures an extremely rigid enclosure free of undesirable resonances. A powerful 10-inch speaker with a 5½ lb. magnet structure provides reproduction of the low frequencies down to 30 Hz. A 3½" cone-type mid-range speaker covers the mid-range frequencies, and a 1½" direct radiator type super tweeter reproduces the high frequencies. Smooth transition is achieved by means of electrical crossover at 3,500 and 10,000 Hz.

# Lafayette CRITERION "150A"

# 3-Way Acoustic Suspension Speaker System



5995 No Money Down\*

**POWER HANDLING CAPACITY 40 WATTS** 

Popular Priced Superb Quality Acoustic Suspension System

- Overall Response 30 to 20,000 Hz
- 10" Acoustic Suspension Woofer with 2½ lb. Magnet Structure and 1½" Edge-Wound Copper Voice Coil
- 3" Cone Type Mid-Range/Tweeter
- 11/2" Direct Radiator Super Tweeter
- L/C Crossover at 1600 Hz and 10,000 Hz
- High Frequency Level Control
- · Fine Furniture Oiled Walnut Finish

Everything you'd expect to find in a larger system is here. A full, 3-way acoustic suspension design with 3 speakers—but using an enclosure only 1 cubic foot in size. Advanced acoustic design with skillful blending of all speakers provides wide-range natural sound—the ideal system for those wanting the finest possible reproduction from a compact enclosure. The system's main working element is a special 10 inch highly compiliant woofer with a 2 lb. 8 oz. magnet structure and a 1½" ribbon-type copper voice coil, edge-wound on an aluminum form. The cone of this woofer is loose and free from the usual stiff mechanical suspension. Instead, the woofer cone actually uses the air within the sealed enclosure to provide the spring suspension element. The extremely long cone travel combines with this type of suspension to give bass reproduction that is outstanding in its depth and power. A closed-back 3-cone-type driver provides natural reproduction of the upper midrange and lower-high frequencies are extended cleanly to beyond the limits of hearing by a 1½" super-tweeter with an aluminum cone. Smooth, balanced reproduction over the entire sound spectrum is assured by the use of a full L/C crossover network, 1,600 & 10,000 Mz. The Criterion 150A also features a high frequency "brilliance" control on the rear of the cabinet. This enables balance of high frequency tones to suit individual tastes and match various room conditions. The enclosure is of soid 5/8" wood construction with floerglass packing to virtually eliminate undammed resonance. All four sides are finished in luxuriant hand-vubbed olled walnut with handsome beige grille. Imported. Shelf size: 19W x 11H x 8%\*D

Shpg. wt., 21 3/4 ibs. 99 R 02222W

Net 59.95

SPECIFICATIONS

System Response: 30-20,000 Hz; Woofer: 10" acoustic suspension high compliance with long excursion cone and a 2 lb. 8 oz. magnet structure and a 114" edge wound copper voice coil; Mid-Range/ Tweeter: 3" Cone Type 1/2" voice coil, 4 oz. magnet; Super Tweeter: Direct Radiator type: 1½", Crossover Network: Electrical (L-C) energy transfer circult; Crossover Frequencies: 1600 ± 10,000 Hz; Power Capacity: 40 Watts; Impedance: 8 ohms.

#### 5 Year A.A.A Guarantee

A Lafayette quality product that is guaranteed against defects in material and workmanship for 5 years. If this unit fails to operate due to such defects, simply return it prepaid with your original sales slip or order. Lafayette will repair it without charge including return transportation.

# Superb 3-Way System In a Completely Sealed Enclosure



# Lafayette CRITERION® 4X" Deluxe 4-Speaker, 4-Way, 12" Speaker System



No Money Down®

- Overall Response 25 to 20,000 Hz
- Enclosure Uses "Sonic Tube" for Enhanced Bass
- 12" Woofer has 41/2 lb. Magnet Structure and 2" Voice Coil
- 5" Midrange Driver in its Own Sub-Enclosure
- 3" High Frequency Tweeter
- 11/2" Super-High Frequency Tweeter
- · Fine Furniture Finish in Rich, Oiled Walnut

Here's a bookshelf speaker system that offers big, full-voiced sound at an extremely modest price—a combination that is sure to make this system one of our most popular. It's a carefully engineered 4-speaker system with a full 4-way electrical crossover, housed in a deluxe oiled wainut enclosure to give it the look of fine furniture. 4 separate speakers, each a brilliant performer over its assigned range, work in harmony to provide superb overail sound. The entire music range is reproduced effortlessly... thrillingly life-like in its quality. A big 12" woofer operating in a rigid fiberglass-filled enclosure with a tube-type ducted port (sonic tube), provides deep, enhanced bass. A 5" mid-range speaker housed in its own fiberglass-filled chamber and acoustically isolated from the main bass enclosure, assures smooth, peak-free reproduction in the important mid-range. Two high frequency units cover the upper musical ranges — a 3" speaker from 5,000 to 10,000 Nz, and a 1½" super tweeter from 10,000 Nz to 20,000 Nz. These units provide brilliant reproduction of the highs right out to inaudibility. System finished in rich oiled wainut veneer (on four sides for vertical or horizontal placement) plus a subdued dark brown grille cloth, includes high frequency and mid-range controls which permit adjustment of the tonal response, polarized input terminals. Dimensions: 22 x 14½ x 11½-10. Imported. Shops. wt. 39¼ lbs.

99 R 02370WX Net 69.95 99 R 02370WX

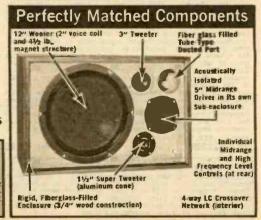
#### -SPECIFICATIONS-

Overall Response: 25 to 20,000 Hz. Speaker Units: 12" woofer, 5" mid-range, 3" tweeter, 1½" super-tweeter, Crossaver Network: 4-way LC (coil-capacitor) at 800, 5,000 and 10,000 Hz. Enclosure Design: Tube-type ducted port enclosure, liberglass-filled, Acoustic Controls: Continuously variable high frequency and mid-range level controls (off to maximum). Nominal Impedance: 8 ohms. Power Handling Capacity: 50 watts.



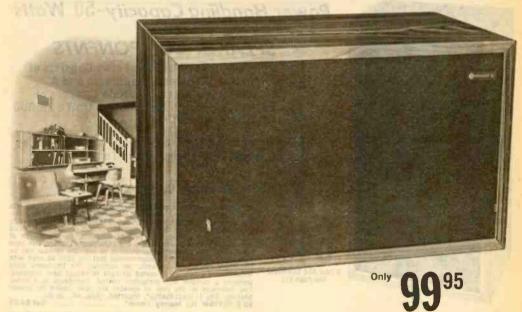
#### 5 Year .A.A.A Guarantee

A Lafayette quality product that is guaranceed against defects in material and workmanship for 5 years. If this unit fails to operate due to such defects, simply return it prepaid with your original sales slip or order. Lafavette will repair it without charge including return transportation,



# Lafayette CRITERION® "V

Deluxe 50 Watt 6-Speaker 4-Way Bookshelf System



- . Enclosure Uses "Sonic Tube" for Deep, Reinforced Bass
- 12" Woofer with 41/2 lb. Magnet Structure and Large 2" Voice Coil
- 5" Midrange Speaker Housed in a Sealed Fiberglass-Filled Sub-Enclosure
- · 4 Separate High Frequency Speakers
- Fraquency Response: 20-20,000 Hz
- · Fine Furniture in Rich, Hand-Rubbed Oiled Walnut on 4 Sides
- Individual Midrange and High Frequency Level Controls

A quality by obshelf system with the big, multi-dimensional sound that only multiple speakers can produce... and at an unbeatable price too! Every musical Instrument is reproduced with brilliant realism because there are 6 speakers covering four portions of the entire audio spectrum. There's a big 12" speaker for the lows, a 5" unit for the midrange, two 3" tweeters for the highs and two 1½" super-tweeters for the ultra high frequencies. The enclosure is also equipped with a tuned "sonic tube" that makes use of the accustic output from the tear of the woofer to produce deep, reinforced bass for which this type of system is famous. And best of all, this system is et felent enough (6" use even with low powered stereo components—actually makes them sound better too! Yet, because it can hadde up to 50 watts of power, you can also use this system safe by with high powered components—either now or in the future. Includes continuously variable midrange and high frequency level controls and polarized terminals. Enclosure is fiberg it on four sides for vertical of low for the future. Includes continuously variable midrange and high frequency level controls and polarized terminals. Enclosure is fiberg it on four sides for vertical of low for the future. Includes continuously variable midrange and high frequency level controls and polarized terminals. Enclosure is subject to the standing. Snapout front panel with subject to four standing. Snapout front panel with subject to four standing. Snapout front panel with subject to four standing. Snapout etc. etc. and the fiberg it on four sides for vertical of blength of the fiberg it on four sides for vertical of the fiberg it on four sides for vertical of blength of the fiberg it on four sides for vertical of blength of the fiberg it on four sides for vertical of the fiberg it on four sides for vertical panel with subject to fiberg it on four sides for vertical of the fiberg it on four sides for vertical standing capacity. Up to 50 Watts. However, the fiberg it on four sides f A quality bookshelf system with the big, multi-dimensional sound

See Page 22 for Full Credit Details on Easy Pay Plan

#### 5 Year A. A. A Guarantee

No Money Down

A Lafayette quality product that is guaranteed against defects in material and workmanship for 5 years. If this unit fails to operate due to such defects, simply return it prepaid with your original sales slip or order. Lafayette will repair it without charge including return transportation.

#### SYSTEM DESIGN



# Lafayette CRITERION ES85 ELECTROSTATIC SPEAKER SYSTEM



# Power Handling Capacity-50 Watts

## SPEAKER COMPONENTS

Electrostatic Tweeter Elements—Consists of A Movable Flat Metal Diaphragm and A Non-Movable Metal Electrode Capable of Reproducing High Frequencies Up To 25,000 Hz With Extreme Clarity

8" Low Frequency Transducer That Reproduces
Deep Bass Response Down To 45 Hz.

5000 Hz. Electrical Crossover Network

6495 5 Year AAA Guarantee See Page 415 Lafayette introduces a newly designed electrostatic speaker system with 4 tweeter elements and a low frequency transducer at an amazing low price. This outstanding system is characterized for its ability to faithfully reproduce the high frequencies with crystal clear clarity because of the electrostatic tweeter elements. As these type of tweeters require a power source, the ESS5 has a 117 VAC line cord and switch. The current consumption is so low, the speaker can be kept on at all times. It is recommended that the ESS5 be used with ampliflers rated over 12 watts per channel. The handsome olled walnut wood enclosure is sealed air-tight to extend bass response. Includes a variable high frequency control, impedance is 8 ohms. Two terminals on the rear of speaker are color coded for proper phasing, Size 114/x219/x349/2". Imported. Shpg. wt., 20 lbs. 99 R 02719W No Money Down\*\*

# DELUXE Lafayette CRITERION "5XB" 75-WATT 12" 4-WAY ACOUSTIC SUSPENSION SYSTEM



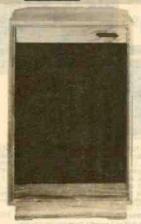
Employing the acoustic suspension principle, the Criterion 5XB provides astonishing overall range and clarity, with a deep, solid bass response that makes a stunning impact on the listener. Four outstanding speakers are used to cover the full spectrum of sound. A 12" acoustic suspension woofer with 6 b. 2 oz. magnet structure produces remarkably low bass response—undistorted even at high power levels. An acoustically isolated 6½" mid-range speaker with 12.4 oz, magnet structure provides flawless reproduction of the mid-range—free of annoying peaks, yet adding true "presence" to



the system. Extending response to beyone at 1bility are 3" and 1½" tweeters. Low loss 12 db/octave crossover at 1000 Mz and 4,500 Mz, 6 db/octave crossover at 19000 Mz and 4,500 Mz, an

# **REPRYETTE'S BEST Floor Standing Speaker Systems**

# LAFAYETTE Criterion "88" 3-Speaker 3-Way **Acoustic Suspension Consolette Speaker System**



FEATURES Exclusive "Program Optimizer" changes speaker characteristics according to program material being reproduced



- 1 NORM—Produces Flat Response Over Entire Audio Spectrum When Listening to a Full Symphonic Orchestra
- 2 POPULAR—Emphasizes Hi-Frequency and Low-Frequency Response for Rock, Folk, Jazz, and Popular Music Listening

99 R 02693W

3 VOCAL Emphasizes Mid-Range Frequencies to Project Voice Reproduction—thus Adding Presence

Handles Up To 40-Watts Program Material

- 10" Woofer
- 3" High Frequency Driver
- 11/2" Super Tweeter
- LC Crossovers at 6,600 Hz and 10.000 Hz

S Yr. AAA Guarantee See Page 415 Introducing an exciting new innovation in speaker design—an extraordinery performing system with a built-in "program optimizer" to tailor the sound to the characteristics of the material being reproduced. Full 3-way acoustic suspension design with 3 speakers—a big 10" air-suspension wooter with a 2 lb. 8 oz. magnet structure to extend bass down to 20 Hz. A clused back 3" cone-type driver provides natural reproduc-tion of the upper mid-range and lower high frequencies. The extreme high frequencies are extended cleanly beyond the limits of hearing by a 142" super-tweeter with an aluminum cone. Full range response from 20 to 20,000 Hz. In addition to the "program optimizer" there is a high frequency brilliance control on the rear. The Criterion 88 is finished on all 4 sides in rich, hand-rubbed oiled walnut veneer. Impedance 8 ohms. Imported. Size: 241/2Hx15Wx91/4"D. Shpg. wt., 32 lbs. No Money Down\*



# LAFAYETTE Criterion "90" 100 Watt 6-Speaker 4-Way **Acoustic Suspension Consolette Speaker System**



The Finest Reproducer of Sound Offered by LAFAYETTE for the Home ...

5 Yr. AAA Guarantee

- Overall Response 18-25,000 Hz
- Powerful 12" Acoustic Suspension Woofer with over 6.1-lb. Magnet Structure and Edge-Wound Ribbon-Type Copper Voice Coil on an Aluminum Form
- 6½" Acoustically Isolated Midrange Speaker with 12-oz. Magnet Structure
   Four Tweeters—Two 3" Tweeters and Two 1½" Super Tweeters
- Separate Midrange and High Frequency Level Controls
- 34" Enclosure in Rich, Hand-rubbed Oiled Walnut Finish

Improved version of our best selling Cri-Improved version of our best setting Cri-terion 80. A no-compromise 6-speaker system created for just one purpose—the authentic reproduction of a massive symphony or-chestra. Brings the spectacular realism of a living performance right into your home. This major accomplishment was achieved by care-full selection and design of speaker units specificative. A conclusive design of 32 secrets. enclosure. A specially designed 12" acoustic suspension woofer in a large air-tight en-closure over 3½ cubic feet in overall size results in remarkably powerful, solid bass.
Added to this is an acoustically isolated 64½" midrange speaker that uffers natural "presence" without exaggerated midrange peaks. Four tweeters spread across the front

in a calculated configuration ensure a wide dispersion of the highs and reduce high frequency "beaming." Two of these are 3" units covering the 3,500 to 5,000 Hz range, and two are ultra-high frequency 11/2" aluminum cone units that extend response to well beyond audibility Crossover frequencies: electrical at 650 and 3,500 Hz, mechanical at 5,000 Hz. Handsome enclosure is finished in a rich, hand-rubbed oiled walnut with dark brown tweed grille cloth, Impedance 8 ohms. Dimensions: 30"Hx18"Wx12"D. Imported. Shpg. Wt., 67, lbs. No Money Down

99 R 02701 Net 159.95

# Top Quality UTAH HI-FI Speakers & Speaker Systems

Model 8" 2 Way 16 95



(B) Model CBJC-3C 8" 3 Way O



A130 12" 3 Way System

C Model HF12PC-2 12" 2 Way



D Model C12PC-3C



G Model A-70 10'3 Way System 69<sup>95</sup>

A NEW Model HF BJXC-2 8" Two-Way Coaxial Speaker

Rigid, die-cast frame. Spring loaded fingertip terminals are color coded for easy phasing in stereo systems. Magnet wt., 12 oz. Power Handling Capacity 30 Watts. Frequency response 32-19,000 Hz. Resonalt Frequency 55 Hz. Impedance, 8-ohms.

21 R 47346W Shpg. wt., 5 lbs. Net 16.95

B NEW Model CBJC-3C 8" Three-Way Coaxial Speaker Rigid, pressure cast frame. Spring loaded color coded finger tip terminals. Baked on lacquer finish. Shallow profile only 3%" total depth. 10 oz. Alnico VIII magnet. Voice coil diameter 1 inch. Power handling capacity 30 watts. Response 35-20,000 Hz. Resonant frequency 55 Hz. Impedance, 8-ohms. Shpg. wt., 6 lbs.

21 R 47353W

NEW Model HF12PC-2 12" Two-Way Coaxial Speaker
12" version of above model HF8JXC-2. Magnet weight 20 oz. Voice
coil diameter 1½", Power handling capacity 45 watts. Response 2319,000 Mz. Resonant frequency 25 Hz. Impedance 8 ohms. Shpg. wt., 12 ths Net 28.50

D NEW Model C12PC-3 12" Three-Way Coaxial Speaker 12" version of above model C8JC-3C, 20 oz. Alnico VIII magnet. Voice coil diameter 1½". Power handling capacity 45 watts. Frequency 25-20,000 Hz. Resonant frequency 25 Hz. Impedance 8-ohms. Shpg.

21 R 47379W No Money Down\*

E NEW Deluxe Model A-130 12" 3-Way Acoustic Suspension System One of Utah's finest systems, Features a powerful 12" woofer with a 2½ lb, magnet structure, 1½" voice coil, and a cloth roll suspension. The 3½"x8" midrange compression horn has a 8 oz. magnet structure. Uses a horn loaded dome radiator tweeter for the upper frequencies, L/C crossovers at 9,000 & 4,500 Hz, Mid-Range & High trequency controls. Power handling capacity 60 watts. Response 30-20,000 Hz. Impedance 8 ohms. 3/4" Walnut veneer enclosure. Size 14x 24x1234". Shpg. wt., 37 lbs.

MK-17 12" 3 Way System 9995

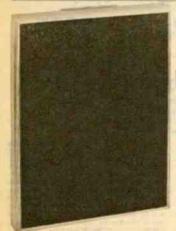
21 R 473B7WX No Money Down\* Net 129.95

F NEW Model MR-17 12"3-Way Acoustic Suspension System
Big 12" high compliance wooter, 8" midrange speaker, and sealed
31/a" tweeter. Electrical crossover with high frequency level control.
Power handling capacity 50 walts. Response 32 to 18,000 Hz. Imp.,
8 ohms. Olied walnut veneer enclosure. Size: 14x23x10".
21 R 47395WX No Money Down\* Shpg. wt., 33 lbs. Net 99.95

G NEW Model A-70 10" 3 Way Argustic Surgangian structure.

NEW Model A-70 10" 3 Way Accustic Suspension System Features 10" woofer with 134 lb. magnet structure, 6 inch cone type midrange speaker, and a 3½" tweeter. Electrical crossover network at 5,000 Hz. and 2,500 Hz. Power handling capacity 40 watts. Response: 45-18,000 Hz. Impedance, 8-ohms. Olled walnut veneer enclosure. Size: 12x22x8", Shpg. wt., 23 lbs.
21 R 47403WX No Money Down\* Net 69.95

# ETTE Criterion W4 3 Speaker Thin System



3 Speaker System with Unique Drone Cone for Increased Bass Reproduction



ONLY

S Year AAA Guarantee See Page 445



· Ideal For Use As Rear Speakers in 4 Channel Systems

- 5" High Compliance Woofer
- Two 3" Cone Type Tweeters
- Power Handling Capacity—25 Watts • Frequency Response 50-19,000 Hz.

Space saving full-fidelity system in a convenient thin-line configuration. A unique innovation has been incorporated in the design of the Criterion W4. The 3 speaker system utilizes a drone cone to increase low frequency response normally minimized in an ultra thin enclosure. In conjunction with the powerful 5" high compliance wooler, this results in deep, resonant bass response down to 50 cycles. The 2 high frequency tweeters disperse clear, brilliant highs up to 19,000 Hz. Electrical crossover is present at 4kHz. Impedance, 8 ohms. The cabinet is hand finished in oiled walnut with a luxurious textured brown grill cloth. Features adjustable high freq. level control. Size 191% x142 x21 2 D. Imported. 99 R 02651W Shpg. wt., 12 lbs.

# **| B** High Performance Loudspeaker Systems



Model Seventeen 10" 2-Way Acoustic Suspension System Full-range two-way system offering a high level of musical enjoyment. 10" acoustic suspension woofer provides extended bass response; 194" direct radiator type tweeter provides smooth peak-free highs as well as exceptional performance at the mid-frequencies. 3-position high frequency control permits matching the system to any acoustic environment. Housed in a completely scaled, fiberglass filled, olled wainut, 3/4" furniturie grade cabinet. All four sides finished for vertical or horizontal placement. Impedance: ohms. For use with amplifiers of 12 watts IHF or more. Size: 1134 x 231/6 x 9"D. Shpg. wt., 30 lbs.

21 R 44210W No Money Down\*

Model Twenty Two 8" 2-Way Acoustic Suspension System Bit enough to have all the requirements for excellent performance. Yet small enough to fit unobtrusively into any living room. Bass frequencies are reproduced through the use of an 8" acoustic suspension wooter; mid and high-frequency performance is provided by a 2" direct radiator tweeter. Tightly sealed cabinet is oiled walnut finished on all four sides for vertical or horizontal placement. Impedance: 8 ohms. For amplifiers with as little as 12 watts HF per channet. Size: 18 x 104 x 7%,"0. Shpz. wt., 17 lbs.
21 R 44244W No Money Down\* Net 54.95 Model Five 4 Speaker Acoustic Suspension System

Offers the best low-frequency and power handling capabilities of the KLH bookshelf-size speaker systems. Speaker compliment includes: big 12" acoustic suspension woofer with heavy magnet and cone assemblies; two 3" miniature heavy-magnet mid-range speak. cone assembles; two 3 miniature neary-magnet mio-range speak-ers; and a 14½ m ligh-frequency speaker mounted in a sub-enclosure. Two 3-position switches adjust the 2500-7000 Hz and 7000-20,000 Hz ranges. Cabinet of 3/4" plywood finished in oiled walnut veneer, 8-Ohms impedance. Minimum power: 40 watts IHF. Size: 26 x 1334 x 1142 B. Shpg. wt., 5342 lbs.

21 R 44251WX No Money Down\*

Net 189.95

Model Six 12" 2-way Acoustic Suspension System Model SIX 12 Z-Way ACQUISTIC SUSPENSION 3/STEM Designed to handle high power and deliver a full-range of rich sound. Has big 12" acoustic suspension woofer employing a heavy, oriented-ceramic magnet assembly and four-layer voice coil; 13% cone-type direct radiator tweeter, plus 3-position high frequency level control. Frequency Response: 32 to over 16,000 Hz. Crossover: 1500 Hz. Impedance: 8 ohms. Ideal for floor or shelf mounting. For amplifiers of 25 watts IHF or more. Olled walnut finish on four sides. Size: 23½ x 12½ x 11½ 0. Sings. wt., 42½ lbs.

21 R 44061WUX No Money Down\* Net 134.00

# **QUIVACO** APERIODIC SPEAKER SYSTEMS



- 10" Extended Range Woofer
- Soft Dome Tweeter
- Acoustic Impedance Enclosure Principle

Non-resonant aperiodic design combines with acoustic impedance principle to assure uniform wide range response. Uses a 10" extended excursion wooder and new soft dome tweeter to achieve truly natural sound. Non-inductive Crossover Network of 1500 Hz. 5-position tweeter control. Designed for use with ampliflers rated at 15 watts or more RMS. Freq. Response: 35-20,000 Hz. Impedance: 8 ohms. Wall mounting brackets are provided for hanging the speaker flush on the wall. Olled walnut finish. Size: 20 x 11½ x 10"D.

21 R 23545W Shpg. wt., 2434 lbs. Net 79.95

Only No Money



#### NEW Model A-50 10" 3 Speaker System

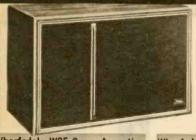
- Two 10" Extended Range Woofers
- High Dispersion Dome Tweeter
- **Acoustic Impedance Enclosure Principle**

The A-50 features Dynaco's exclusive "dual-spectrum damping" The A-50 features Dynaco's exclusive "dual-spectrum damping"—two acoustically connected chambers each containing a 10" woofer for smoother and extended low frequency performance. A newly designed high-dispersion dome tweeter coupled to a non-inductive network crossing over at 1000 Hz results in extended mid and high frequency response, Minimum power required: 25 watts RMS, Freq. response: 30-20,000 Hz. Impedance: 8 ohms. Hand-rubbed walnut enclosure, Size: 28 x 21½ x 10"D. Shpg. wt., 47 lbs.

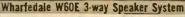
21 R 23552W

Net 179.95

# Wharfedale ADC, & EMPIRE Speaker Systems



Wharfedale W25 2-way Acoustic Suspension System



12" Woofer With 9½ lb, Magnet

- 5" Midrange
- 1" Mylar Dome Super Tweeter

Wharfedale W35 3-way Shelf/Corner Speaker System

Wharfedale W70E 3-way Floor Standing Speaker System



Big 8" woofer provides rich, deep bass. Crystal clear treble from a new ultra-curvilinear tweeter for smooth, wide-angle dispersion of sound. Components are front-loaded, Cabinet is genuine oiled wainut and uses new "unitized" construction to elim uses new "unitized" construction to enim-inate spurious buzzing. Responses 35:18,500 Hz; Imp. 8 ohms. Power: Min. 10 watts, Max. 35 watts (IHF per channel). Size: 15½ x 10 x 8"O. imported. No Money Down". 21 R 75578W Shpg. wt., 16 lbs. ... Net 49,95

> ADC 303AX 2-Way Loudspeaker System



Down\*

No Money

 Use Free Standing or Tuck Away In **Room Corners** 

Exceptional performance from heavy-duty 8" woofer, 344" mid-range and 246" ultra-curvilinear tweeter. Components are front-loaded to reduce cabinet edge reflections, Air-tight, sturdy cabinet is genuine oiled wainut. Response: 35 to 18,500 Hz; Impedance 8 ohms, Power: Min, 10 watts; Max. 40 watts (HHF per channel). Dimensions: 15" x 15" x 8" deep.

21 R 75552W Shpg. wt., 21 lbs. Corner mtg. bracket—11/2 lbs. 21 R 75560W Net 3.40

> NEW! ADC 450A Deluxe 2-Way Loudspeaker System



189<sup>50</sup>

Big 15" woofer has massive 101/2 lb. magnet Big 15" woofer has massive 10½ lb. magnet assembly. Midrange is special 5" unit with high compliance suspension in separate cylindrical chamber. 1" mylar dome omnidirectional super tweeter has compensation diffuser to reduce phase distortion. Genuine oiled wainut cabinet. Response: 25-20,000 Hz; Impedance 8 ohms. Power: Min. 15 watts, Max. 60 watts (IHF) per channel), Size: 24 x 22½ x 13½" deep. Shpg. wt. 63 ibs. Imported. 21 R 75545WX No Money Down\* \_ Net 189.50

NEW! Empire 6000M 3-Way Floor Standing System



- 10" Woofer and Wide Dispersion
- Frequency Response 37-20,000 Hz

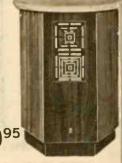
Outstanding bookshelf system with newly designed high compliance 10" woofer, and a wide dispersion super tweeter. and a wide dispersion super tweeter, Crossover frequency: 1500 Hz, Response: 37-20,000 Hz, Impedance 8 ohms. Power required: 10 watts RMS min. Size: 23'4H x 13W x 11'4''D. Shog. wt., 38 lbs. 21 R 13348W No Money Down Net 89,95



Handsome Olled **Walnut Cabinet** 

- Power Handling Capacity 40 Watts RMS
- Response: 25-30,000 Hz

Laboratory quality system featuring 12" low frequency driver with viscous coated cone and high compilance foam suspension: plus a wide range dome radiator tweeter for the upper frequencies. Imped. 8 ohms. Oiled walnut finish. Size: 25x14½x12"D. Shpg. wt., 21 R 13363WX No Money Down\* .. Net 134,00



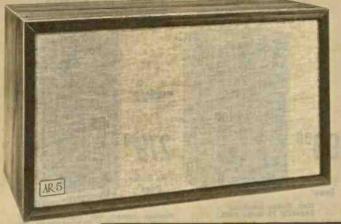
· Can easily be positioned for 4-channel stereo

Quality 3-way system in a rigid, non-resonating cylindrical type cabinet—only 18" in diameter and 244" high. Features 10" wooter, midrange radiator, and wide angle ultrasonic tweeter, Power handling capacity —75 watts, Response: 30-20,000 Hz. Imp.: Shops, Satin walnut finish with marble top.
Shops, wt., 60 ibs.
21 R 34989 No Money Down\* Net 119.95

ONLY

# Acoustic Suspension Speaker Systems by







AR'S 5-YR. SPEAKER GUARANTEE

AR speakers are sold under the manufacturer's 5-year guarantee covering parts, labor, freight both ways, and packaging if necessary.

#### AR-4X 2-WAY ACOUSTIC SUSPENSION SYSTEM



As Low As No Money Down\* Low cost acoustic suspension speaker system. Designed to give a superbly clean, realistic bass response and clear, crisp highs by utilizing the famous acoustic suspension principle. It incorporates an 8" wooder and a 2½ inch direct radiator tweeter with level control to compensate for different acoustic. conditions of your listening room, Electrical crossover frequency is 1200 Hz, A compact (19Wx10Hx9"D) unit for floor or shelf-mounting. Suitable for use with amplifiers of 15 watts RMS or more per chan. Imp: 8 ohms. wt., 23 lbs. 21 R 72492W Oiled Walnut Net 53.00 Unfinished Pine Net 57.00 Oiled Warnus Unfinished Pine 21 R 72492W 21 R 72590W



As Low As No Money Down\*

**NEW AR-6 2-WAY ACOUSTIC SUSPENSION SYSTEM** Outstanding performing 2-way acoustic suspension system at a modest cost. Uses only 2 drivers—an 8" woofer with heavy molded cone supported at the outer edge with a urethane polymer suspension, and a wide dispersion 142" tweeter with smooth response beyond 20 kHz. Designed for use with amplifiers rated at 20 watts RMS per channel. Crossover frequency 1500 Hz. High Frequency Level Control. Size: 1942 x 12 x 7"D. Shpg. wt., 24 lbs. Net 81.00

21 R 72831W Unfinished Pine

Net 72.00



As Low As No Money Down\*

# AR-2AX 3-WAY ACOUSTIC SUSPENSION SYSTEM

Precision-made components plus the famous acoustic suspension design de-liver truly magnificent sound. Includes 10" woofer for natural bass response; 31/2" direct radiator mid-range for realism and a 3/4" dome type super tweeter providing highs out to the limts of audibility. Frequency response, 42-20.000 Hz. ±24/2 db. Less than 2% harmonic distortion down to 60 Hz Has 2 level controls. Designed for use with amplifiers rated at 20 watts RMS per channel. Finished on 4 sides. 24 x 11½ x 13½". Imp.: 8 ohms. Shog wt., 41½ lbs.
21 R 72070W Oiled Walnut Net 103.00



AS LOW AS No Money Down\* Deluxe AR bookshelf system! Provides superb full-range frequency response. System features a new 10° acoustic suspension woofer utilizing AR's most advanced cone design, 1½° mid-range and 3/4° tweeter each have independent frequency driver controls with crossover at 650 and 5,000 Hz respectively. Frequency response: 38-20,000 Hz. Impedance: 8 ohms. Designed for use with amplifiers rated at 20 watts RMS per channel. Size: 13½ x 24 x 11½°D. Size. x 26 k lbs. 111/2"D. Shpg. wt., 46 lbs. 21 R 72716WUX Oiled Walnut

AR-5 3-WAY ACOUSTIC SUSPENSION SYSTEM

21 R 72724WOX Unfinished Pine

Net 175.00 Net 156.00



As Low As No Money Down\*

#### AR-3A DELUXE 3-WAY ACOUSTIC SUSPENSION SYSTEM

Acoustic Research's finest speaker system, Features a powerful 12" woofer with 314 lb, magnet, hemispherical direct radiators for the mid-range and tweeter units with 11-p" and 34" domes, respectively. Frequency response from 38 Hz to 20,000 Hz (±2db). Woofer crossover frequency at 575 Hz; midriom 5 nz to Zoyou nz (1220).

Tange from 55 Nz to 56Nz; and the tweeter from 5 kNz up. Designed for use with amplifiers rated at 25 watts RMS per channel. Impedance: 4 ohms.

Cabinet finianed on 4 sides. Size: 14H x 25W x 1136"D. Shpg. wt., 61 lbs.

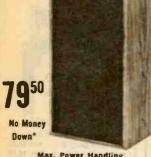
Net 250.00 Net 225.00 21 8 72708WX Unfinished Pine

# Rectilinear's BEST SELLING SPEAKER SYSTEMS

**MODEL XI 2-WAY BOOKSHELF SYSTEM** 

MODELX A 3 WAY **BOOKSHELF SYSTEM** 

**MODEL III 6 SPEAKER 4-WAY CONSOLETTE SYSTEM** 



No Money

Down\*

to 100 Watts

No Money Down'



Max. Power Handling Capacity 40 watts RMS.

Two way speaker system utilizing an ex-tended range 10" woofer and an extended-range 3" tweeter. The enclosure uses tuberange 3" tweeter. The enclosure uses tubevented bass reflex design for high efficiency without loss of bass response. Crossover frequency: 1800 Hz. Minimum Power Requirement, 10 watts RMS. Max. Power 40 watts RMS. Impedance 8 ohms. Response 45 to 17,000 Hz. Tweeter level control. Oiled watnut wood cabinet. Sizes: 23" x 12" x 1042". Shgs. wt., 32 lbs.

21 R 86054W No Money Down\*

Max. Power Handling Capacity 75 watts RMS.

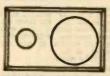
Designed to provide the listener with a loudspeaker of more accurate response and toudspeaker of more accurate response and lower distortion without exceeding the dimensions of a bookshelf type system. Utilizes a 10° woofer, 5° midrange with a 2° whizzer cone, and 245° tweeter. Completely enclosed cabinet incorporates an airtight internal shelf that isolates the wooter from the midrange and tweeter. Freq. response 30-20,000 Hz ±4 db. Crossover Freq. 100 Hz and 8000 Hz. Olied walnut finish. Impedance 4-ohms. Size: 25" x 14" x 1034". 21 R 86062WX Shpg. wt., 50 lbs. Net 199,00 Provides concert hall realism. Brilliant smooth response from 22 to 18,500 Hz. 12" woofer has a 10 pound magnetic structure. Mid-range driver operates from 250 to 3000 Hz and is mounted in a fiber sub enclosure within the main cabinet. Two tweeters cover the 3,000 to 11,000 Hz range with two additional super tweeters carrying audio frequencles to inaudibility. Min. power requirements: 20 watts RMS; Max, power 100 watts RMS. Two controls: Midrange, tweeter. Impedance: 8-ohms, Oiled walnut finish. Size: 35 x 18 x 1244°D.

21 R 86039WX Wt., 68 lbs.

Net 279.00

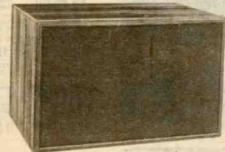
# Finest LAFAYETTE Hi-Fi Speaker Enclosures





- Ideal For Use With All 8" Wide Range Hi-Fi Speakers Solid 3/4" Wood Construction
- Handsome, decorator styled bookshelf speaker enclosure. Finished in oiled walnut veneer with picture frame moulding to tend a note of elegance to any decor. Features vented port design for improved bass response. Has tiberglass acoustic lining, soild 4% wood construction, plus factory mounted luxurious brown tweed grill cloth. Back has two lag terminal strip. 18 x 11 x 9" deep. Shpg. wt. 20 ibs. Net 22.95

Bookshelf Speaker Enclosure | 12" Bookshelf Speaker Enclosure



- Ideal For Use With Any 12" Hi-Fi Speaker
- Solid 3/4" Wood Construction



Beautiful, oiled walnut veneer 12° bookshelf speaker enclosure with picture frame moulding. Features quality construction plus contemporary styling. Custom designed to accept all 12° speakers, including 2 and 3 way types. Solid 3/4° wood construction. Dual vented port design plus fiberglass lining gives improved bass response. Acoustically transparent brown tweed grill cloth lets the sound come through without attenuating the highs. All four sides finished in oiled walnut veneer to match the decor of any room. For vertical or horizontal placement. Size: 14% x 233% x 12½°. 20 R 01501W Shpg. wt., 351/2 fbs.

# Luxurious Hi-Fi Furniture For Your Home



NEW! CONTEMPORARY OPEN BENCH DESIGN THAT HOLDS ALL OF YOUR HI-FI EQUIPMENT

Space For Receiver

**Amplifier and Tuner** 

Records • Tape • TV Pull-out Shelf for Record Striking all-purpose shelf unit for your hi-fl components—provides impressive display and easy accessibility. Ample space is provided for records and tapes. The shelf for the record player moves in and out, (Speaker compartments are separated for the utmost stereo effect.) Rear has outlet holes to run wires to and from the Receiver or Amplifier. The pressed-wood shelves have a remarkable new surfacing material of rigid walnut colored vinyl called PERMANEER, Permaneer is stain resistant. Wipes clean with a damp cloth. Heat resistant Needs no special polishing care. Keeps its beautiful woodlike finish. Size: 65½wx15½0lx 30½~H. Comes KD (Knocked down), Shpg. wt., 85 lbs.

20 R 16004WX No Money Down\*

# **Deluxe LAFAYETTE Floor-Standing Hi-Fi Enclo**



Assembled

• 3/4" Wood Construction

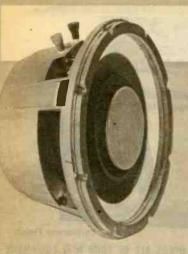
· Precision Cut-Fits Together Smoothly

All pieces of this carefully designed high fidelity speaker enclosure are accurately pre-cut of 3/4" lumber to fit snugly together and virtually eliminate all spurious resonances, white birch surface is finished on all 4 sides for either high or low boy styling. Front panels feature edge moulding and plastic acoustic grilles to blend with any finish and room decor. Lined with acoustic material that prevents reverberation and cabinet resonance. Flexible design includes cut-outs for 15" woofer (with 12" adapter, 842 or 8" mid-

· Ideal For Single Wide Range, 2- 3-Way Speaker Systems

rough give true trange, 2-3-way speaker systems range (with 6" adapterpt, and adapters to accommodate either round or rectangular tweeters. Separate wood blanks are supplied if no midrange speaker or tweeter is used, Kit is supplied unfinished, smoothly sanded and ready for finishing. Dimensions (less base) 27-H x 22-W x 16-D, Island type base is 24% high, Complete with Instructions, all parts, hardware, and grille. Shpg. wt. 58 lbs. 20 R 01493WX kit Net 44.95 Net 64.95 20 R 01451WX Factory Assembled

# Full Range LAFAYETTE 8" Hi Fidelity Speakers



NEW! Deluxe SK-228 8" 3-Way Hi-Fi Speaker

**Power Handling Capacity: 35 Watts** 

Only

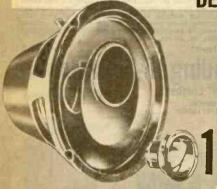
- 11/2" Voice Coil
- 4 lb. Magnet Structure
- Response: 28-19,500 Hz
- Rigld One-Piece Die-Cast Frame
- Cloth Roll Suspension For Low, Smooth Bass

Superb 3-way, 8" speaker delivers exceptionally clean and natural sound over a full frequency range. Rigid one-piece, pressure die-cast frame maintains precision alignment of critically spaced speaker elements, Powerful, high compilance wooder has cloth roll suspension for low, smooth bass, down to 28 Hz, Separate midrage cone for distortion-free middle frequencies. Cone type super tweeter disperses clean, brilliant high frequencies up to 19,500 Hz, Large 1½" voice coil absorbs power peaks, Solderless terminals are phase coded for easy phasing, spring loaded for fast wiring and freedom from buzzing. Power handling: 35 watts. Impedance: 8 ohms.

21 R 01749W Shpg. wt., 7 lbs.

Net 19.95

# **DELUXE SK-128 8" BIAXIAL SPEAKER**



1 G 95

CONICAL STIFFENER

**CROSSOVER NETWORK** 

TWEETER WITH BAFFLE

POLYESTER RESIN TWEETER EDGE TREATED

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

#### SPECIFICATIONS:

- Overall Response: 19.500 Hz
   Free air Resonance: 45-65 Hz
- Power Rating: 20 watts
- · Impedance: 8 ohms.
- Crossover: 2,500 Hz

8" Biaxial Speaker offers full, even coverage of the entire audio range with no distortion or coloration to mar your listening pleasure. Specially treated woofer cone has a unique "Conical Stiffener" at the apex which, coupled with its high compliance, enables the cone to operate in a piston-like manner—delivering a clean, powerful bass response. The 2-inch tweeter has its own voice coil and magnetic field. Special treatment of cone and come edge provides even distribution of the high frequencies with no peaks or resonance. 2,500 Mz electrical crossover. Adjustable brilliance control. Overall depth, 5"%," imported. Shgg. wt., 5 bs.

99 R 00325W Net 16.95

# SK-98° 8" DUO-CONE HI-FI SPEAKER

Power Handling Capacity: 15 Watts, 30 Watts Peak



- Mechanical 2-Way Design
- Overall Response 40-16,000 Hz
- Large Magnet Structure
- Patented Cone Construction and Material High Excursion Woofer

The dual-cone construction used in this high quality 8" speaker provides the same type of wide-range response normally found in true coaxial speakers or multiple speaker systems. The woofer and tweeter cones "float" on flexible corrugated edges. This mounting results in true mechanical crossover, so that both cones operate at low frequencies, but only the tweeter cone operates at high frequencies. Patented cone materials provide extremely smooth response over the range of 40-16,000 Hz. Magnets are large and heavy, with a flux density of 10,500 gauss and total flux of 56,000 maxwells. Free air resonance is 55-70 Hz; impedance is 8 ohms. 44½" deep. Shpg. wt., 44½ lbs. Imported. Net 9.95



# LAFAYETTE'S Finest Hi-Fidelity Speakers

## DELUXE LAFAYETTE SK-315 15" 3-WAY DIE CAST SPEAKER

5 Year AAA Guarantee See Page 415

- Massive 15 lb. Magnet Structure
- Free-Edge Cone Suspension
- 3" Woofer Voice Coil
- Pre-wired 12 db/octave Crossover Network with Calibrated Brilliance Control
- Compression Type, Horn Loaded Tweeter is Co-Axially Mounted
- Frequency Response: 20-20,000 Hz.
  Cone Resonance 24 Hz

Lafayette's engineers teamed-up with America's leading speaker manufacturer to develop this outstanding 15" 3-way co-axial speaker so it could deliver more than you are ever likely to ask of it. The enormous 15 lb. magnet structure delivers an amazing 13,000 Gauss flux density ... total flux is almost 300,000 Maxwells! The extra thick wails of the cast frame minimize 'ringing' tendencies. Features aluminum wire for the 3" voice coil to achieve high conversion efficiency. The woofer cone is suspended by chemically treated cloth edges and a flat spider for a low, low free air resonance of only 24 Mz. This suspension also damps standing waves which tend to develop across the cone. The co-axially mounted mid-range radiator and compression tweeter assure reproduction of all frequencies in the audible range. The tweeter fevel control lets you adjust the speaker to suit room acoustics and your personal taste in response. Engineered to mount to either front or rear of baffle board; extra gaskets furnished

21 R 01715WX Shpg. wt., 24 lbs.

SPECIFICATIONS:

Free Air Resonance: 24 Hz.; Overall Frequency Response: 20-20,000 Hz.; Flux Density: 13,000 lines per sq. cm.; Crossover: Mechanical at 2,500 Hz., electrical at 5,000 Hz.; Power: 40 Watts program, 80 Watts peak; Woofer Voice Coll: 3" dia., tweeter, 44" dia.; Impedance: 8 ohms; Outside Diameter: 151/4": Overall Depth: 8"



# DELUXE LAFAYETTE SK-312 12" 3-WAY DIE CAST SPEAKER

#### 5 Year AAA Guarantee See Page 415

- Free-Edge Cone Suspension
- 2" Woofer Voice Coil
- Pre-wired Crossover Network with Calibrated **Brilliance Control**
- Direct Radiator Super Tweeter is Co-Axially Mounted
- Power Handling 70 Watts Peak

This outstanding 12" speaker is the result of a joint effort between Lafayette's engineering group and the engineering staff of one of America's most respected speaker manufacturers. Features a rigid pressure die-cast frame with phase coded speaker terminals. 6.4 lb. magnet structure delivers an amazing 9000 gauss flux density. The woofer cone is suspended by chemically treated cloth edges for a low, low free air resonance of only 25 Hz. This suspension also damps standing waves which tend to develop across the cone. The separate mid-range cone and direct radiator super tweeter assure reproduction of all frequencies in the audible range. The brilliance control permits adjustment of the high frequency response to satisfy room acoustles and the owner's taste. You can mount this speaker to either the front or rear of the baffle; extra gaskets for front mounting are included. This outstanding 12" speaker is the result of a joint effort between

21 R 01707W Shpg. wt., 12 lbs.

SPECIFICATIONS:

Free Air Resonance: 25 Hz.; Overall Frequency Response: 20-19,500 Hz.; Flux Density: 9,000 lines per sq. cm.; Crossover: Mechanical at 1,000 Hz., electrical at 3,500 Hz.; Power: 35 Watts program, 70 Watts peak; Woofer Voice Coil: 2" dia.; tweeter, 44" dia.; Impedance: 8 ohms; Outside Diameter: 1214"; Overall Oepth: 61/2"





# **High Fidelity Speakers at Popular Prices**

#### HEAVY DUTY, 3-WAY CO-AX SPEAKERS

B 15", 3-WAY

2195

A 12", 3-WAY

• 4 lb. Magnet structures in heavy steel return circuits.

4" TWEETERS are protected by beautiful, anodized screen which is trimmed in polished chrome . . . attractive durable finishes.

DELUXE phase-coded, spring-loaded terminals with Teflon insulation. No tools needed.

Magnet covers and chassis feature baked-on enamel to corrosion-proof the vital, critically dimensioned steel elements for years.

#### A 12" 3-WAY SPEAKER HANDLES 45 WATT PEAKS

Large voice coil (1½" Dia.) and large 4 ib, magnet structure for efficient, smooth handling of bass frequencies, 4" tweeter, with an Alnico V magnet, is coaxially mounted, has electrical crossover at 4,500 Hz. The midrange cone is mechanically coupled to the woofer voice coil. Handles 23 watts program material, 45 watts peak. Res., 45 Hz. Response, 35-20,000 Hz. Impedance 8 ohms.

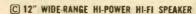
21 R 47262W Shpg. wt., 834 lbs.

B 15" 3-WAY SPEAKER HANDLES 50 WATT PEAKS

Same heavy-duty combination of voice coil and magnet as the 12" version, above, plus the benefit of the extra cone area of a 15" speaker. Tweeter and midrange cone are also identical to above 12" speaker. Handles 25 watts of program material, 50 watts peak. Resonance, 40 Hz. Response, 30-20,000 Hz. Impedance, 8 ohms. Net 21.95

21 R 47254W Shpg. wt., 11 lbs.

#### 12" WIDE RANGE CO-AX SPEAKERS



4 Pound magnet structure, 11/2" voice coil

Defuxe, finger-tip operated, phase-coded terminals Magnet cover and chassis have baked-on lacquer finish

Co-axially mounted high frequency cone extends range

An excellent, general purpose 12" speaker built to take power peaks up to 45 watts. 20 ounce ceramic magnet, 1½" voice coil, impedance, 8 ohms; response, 35-17,000 Hz, resonance, 45 Hz. Co-axially mounted high frequency cone extends range. Shpg. wt., 7 ibs. 21 R 47122W

#### D 12" CO-AXIAL HI-FI SPEAKER

4" Co-axially mounted tweeter with builf-in crossover

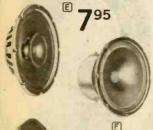
Magnet cover and chassis have baked-on lacquer finish

A wide range, efficient speaker for medium power amplifiers, Will handle 12 watt program material, 25 watt peaks. Excellent for the hi-fi enthusiast with a limited budget. Response, 40-18,500 Hz.; Impedance, 8 ohms; 5.5 ounce ceramic magnet; resonance, 60 Hz.; Voice coil diameter 1". Shpg. wt. 534 lbs.

D 12" CO-AX

## 8" SPEAKERS, EXTENDED RANGE & CO-AX

C 12" HI-POWER



8" CO-AX WITH 3" TWEETER

Wide range response at moderate power; 8 

F 8" WIDE-RANGE HIGH POWER SPEAKER

Easily handles 30 watts peak (15 watts normal). Smooth output, high performance. Big 10 oz. ceramic magnet. Magnet covered with vinyl seal. Durable baked on lacquer finish. Deluxe phase coded terminals-no soldering. Imp. 8 ohms. Response 45-16,000 Hz. Shpg. wt., 6 oz.

8" EXTENDED RANGE SPEAKER

Separate high frequency cone extends re-sponse, 5.5 ounce ceramic magnet, Baked-on lacquer finish, Handles 11 watts program material, 22 watts peak, Impedance, 8 ohms; resonance, 70 Hz.; resp., 45-16,000 Hz.; solder lugs. Voice coil diameter, 1".

21 R 47080 Shpg. wt., 21/2 lbs. Net 5.95

#### 61/2" CO-AXIAL SPEAKER



61/2" woofer with heavy magnet for maximum efficiency and low distortion, 2" tweeter is co-axially mounted in a protective sealed housing; a mesh dispersion screen provides smooth wide angle high frequency propagation, ideal for use in pairs for stereo music systems of up to 8-10 watts. Frequency range, 50-16,000 Hz. Resonant freq., 70 Hz.; Impedance, 8 ohms; built-in electrical crossover network, Requires 51/2" dia. cutout, 61/2" dia., 33/4" deep, Imported. Shgg. wt., 31/2 lbs.

98 R 002683.

Net 7.95

99 R 00283

# Deluxe Woofers, Tweeters & Mid-Range SELAFAYETTE Speakers for Do-It-Yourself Systems



# WOOFERS FOR ALL POPULAR CABINET SIZES

# 15" WOOFER HANDLES 55 WATT PEAKS

A powerful, woofer capable of reproducing bass frequencies, at power levels you can feel. A mammoth 40 ounce ceramic magnet in a magnetic structure weighing 73/4 pounds. The oversize, 2" diameter voice coil easily handles 28 watts continuously and absorbs 55 watt peaks. The baked-on lacquer finish on the magnet cover anchassis protects against corrosion of the critically dimensioned steel elements. Deture, phasecoded, fingertip terminals with Teflon insulation, Res. freq., 50 Mz,; resp., 20-5,000 Hz.; imp., 8 ohms; Shpg. wt., 14 lbs.

21 R 47197W

### B 12" WOOFER HANDLES 50 WATT PEAKS

This 12" wooler uses the same enormous magnet assembly and the same 2" voice coil we feature in our 15" woofer. Even though the cone is smaller, the resonance is held to a mere 30 Hz, by using a highly compliant cloth cone edge. Power handling is 25 watts continuous and 50 watts peak, includes all the deluxe features you've come to expect from Lafayette: baked on lacquer finish on magnet cover and chassis, and fingerlip terminals with Tetion insulation, Response, 20-4,500 Hz.; Impedance, 8 ohms. Shpg. wt., 121/4 lbs.

21 R 47205W

# (C) 8" WOOFER HANDLES 40 WATT PEAKS

A space-saving 8" diameter woofer that makes every effort to rival it's larger coun-A space-saving 8" grameter woofer that makes every effort to rival it's larger counterparts in frequency response and power handling ability. Features a 20 ounce magnet (4) pounds total structure), a 1½" voice coil and highly compliant cloth-roil cone suspension. Handles 20 watts of program material, 40 watts peak. Free air resonance is 55 Hz. Deluxe features include phase-coded, finger-tip terminals with Teflon insulation, baked-on lacquer on magnet cover and chassis. Response, 35-7,500 Hz.; impedance, 8 ohms; Shpg. wt., 6-14 lbs.

Net 13.95 21 R 47213



# MIDRANGE COMPONENTS - HORN & DIRECT RADIATOR

# 10 8" HI-FI MIDRANGE HAS SEALED BASKET

The closed basket, (chassis) of this midrange speaker prevents inter-modulation from the back pressure of a woofer used in the same cabinet. A 10 ounce ceramic magnet and I" voice coil are used for high sensitivity, When used with the proper crossover, this speaker will handle the midrange and high frequency power of a 30 watt program. Ideal for use with a 700 Hz, crossover, Baked-on lacquer finish, magnet cover and chassis; deluxe phase-coded, finger-tip terminals; resp., 350-14,000 Hz.; impedance, 8 ohms. Shpg. wt., 41/4 lbs.

21 R 47189

### (E) MIDRANGE HORN OFFERS HIGH EFFICIENCY

High efficiency means more sound output per watt input. Now hear cymbals and brass with outstanding brilliance. Enjoy, too, the wide dispersion angle of this diecast: horn. Prewired crossover operates at 1,000 Mz., attach to your woofer with two simple solder connections. Will handle the mid-range and high frequency power of a 30 watt program. Response, 600-12,000 Mz.; impedance, 8 ohms; voice coil diameter, 34"; magnet, 1.4 ounce Alnico V; 103/2x3"%x11" deep. Baked-on lacquer finish. Shop, wt., 33/4 lbs.

21 R 47247

Net 9.95



# TWEETERS-COMPRESSION AND DIRECT RADIATOR

# F HIGH PERFORMANCE 21/2" CONE TYPE HI-FI TWEETER

High performance remarkably compact low cost tweeter handles 3 watts input music power. Frequency response of 3,000 to 15,000 Hz. Magnet weighs 1.3 oz. Depth 13/6" impedance; 8 ohms. Imported, Shpg. wt., 6 oz. 99 R 01455

### G DIRECT RADIATOR SUPER TWEETER

Direct radiator type super tweeter with aluminum cone, enclosed metal case, and leads. Offers high sensitivity and wide dispersion angle. Handles up to 20 warts. Response, 4,000-18,000 Hz; Voice coll, dia. %; 1.23 oz, magnett Recommended crossover frequency: 5,000 Hz or higher; Imp. 8 ehms. Imported. Requires 246" dia. mounting. Shpg. wt., ½ lb. 99 A 01208

### DELUXE 3" CONE TYPE METAL-CASE HI-FI TWEETER H

Cone type tweeter particularly efficient in the high end of the audio spectrum where ordinary cone tweeters tend to lose clarity and volume. Entirely enclosed in metal case with stand and cabinet mounting bracket. Handles 20 watts. Frequency response; 2000-20,000 Hz. Diameter 3". Depth 21/6". Voice coil impedance: 8-16 ohms. Imported. Shpg. wt., 2 lbs.

R 00459

Net 5.95

### HIGH EFFICIENCY TWEETER HORN

Die-cast, compression type tweeter horn featuring high sensitivity, wide dispersion angle and prewired crossover operating at 4,500 Hz. Handles highs of 30 watts. Response, 2,000-18,000 Hz.; imp., 8 ohms; 1.4 ounce magnet; 4/4" voice coll; bakedon lacquer finish; 7/4" x 3 x 6%; Shgs. wt., 13/4 lbs.

21 R 47239

Net 7 95



# Miniature Lafayette High Compliance Hi-Fi Speakers

Specially designed, miniature, hi-fidelity speakers with heavy magnets. For the hi-fi enthusiast who requires quality performance in a compact area.

tweeter delivers 1,200 to 20,000 Hz frequency response, Power handling capacity 8 wats peak. Depth 134". Impedance: 8 ohms. Imported. Shpg. wt., 1 lb. 99 R 01562.

(B) LAFAYETTE 4" FULL RANGE HI-FI SPEAKER, Fine performance from (8) LAPATETIE 4" FULL NAMER HI-FI SYEARER, FINE PETFORMANCE FROM a speaker only 2" in depth. Frequency response 50 to 16,000 Hz. Power handling capacity 8 watts. Rugged steel frame construction. Heavy 8,11 oz. magnet. Impedance: 8 ohms. Imported, Wt., 2 bs. 99 R 01729

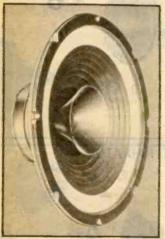
(C) DELUXE LAFAYETTE 5" WOOFER. Superb bass response is achieved through careful matching of large 1½ pound magnet, 1" voice coil, and specially treated cloth surrounded cone. Frequency response: 40 to 12,000 Hz. Will handle 15 watt peak power. Depth 4½. Imported. Shpg. wt., 5 lbs. Shpg. wt., 5

(D) LAFAYETTE 5" COAXIAL HI FI SPEAKER. Super miniature speaker (b) LPARTETTE 5" CUALIAL HI PT SPEARER, SUPER INITIATING SPEARER handles up to 25 watt power. Frequency range 38 to 19,000 Hz. Magnificent sound reproduction, Heavy magnet weight 1.1 ib. Rugged steel frame construction, Impedance: 8 ohms. Only 2¾" in depth. Imported. Shpg. wt., 3 lbs.

(E) LAFAYETTE 61/2" DUAL-COME HI FI SPEAKER. Powerful 61/2" speaker only 21/2" in depth. Large 1 lb. magnet. Frequency response 50-16,000 Hz. Power handling capacity—15 watts. Rugged steel frame construction, Impedance: 8 ohms, Imported. Shpg. wt., 4 lbs

As I nw As

# LAFAYETTE HI-FI ACOUSTIC SUSPENSION SPEAKERS



Model SK118 8" Speaker

Model SK112 12" Speaker

- Cloth Roll Suspension
- Peak Power Capacity 30 Watts
- 1" Voice Coil Diameter
- . Magnet Structure 13/4 lbs.

Professionally designed hi-fi speakers for acoustic suspension systems. Both models feature cloth roll suspension, powerful 134 lb. magnet structure, 1" voice coils, and 8 ohm impedance, Cabinet plans are included with each speaker, Permanently viscous edge roll treatment seals each speaker and smooths treble response. Frequency response. SK118 30-20,000 Hz; SK112 28-18,500 Hz; Peak Handling Power: 30 Watts; Dimensions: SK118 Depth 3", Outside Diameter 8½"; SK112 Depth 4½,", Outside Diameter 12½".

Stock No.	Medel No. Type	Shpg. wt.	Net ea.
21 R 01756	SK118— 8" Speaker	3 lbs.	7.95
21 R 01764	SK112—12" Speaker	4 lbs.	9.95

# LAFAYETTE CROSSOVER NETWORKS



(A) 2-WAY CROSSOVER NETWORK

Crossover network designed for 8 ohm woofers and tweeters. Crossover frequency, 3,000 Hz, Easily accessible lug terminals. Rugged metallic case 3½x1½x21½x. Fibre mounting reducing extraories pickup. Mount on inside of speaker cabinet. Complete with simplified instructions, Imported. Shpg. wt., 6 oz. 99 R 01406

### (B) DELUXE 2-WAY CROSSOVER NETWORK

A carefully designed capacitive-inductive 2-way crossover network with crossover frequency easily set to either 2500 or 5000 Hz. Has a bullt-in continuously variable high-frequency "Birlliance" level control to match room acoustics perfectly. Control has a 2½ ft. cable to mount on rear or side of speaker cabinet, and a long shaft for thick wood panels. Has an attractive brushed-gold finish escutcheon plate. For use with 8-16 ohm speakers. Easily accessible screw terminals. Metal case 5%L x 2%H x 2%HD. Complete with simplified instructions. Imported. Shpg. wt., 2 lbs. 99 R 00218

(C) DELUXE 2 and 3-WAY L/C CROSSOVER NETWORK

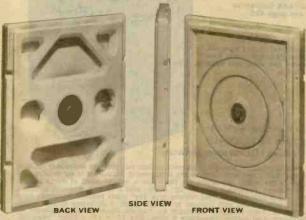
Can be used either as a 2-way or 3-way 6 db per octave network. Six crossover combinations are available — 2-way crossover with 2000-3000 Hz or 5000 Hz crossover, and 3-way with crossover frequencies of 350 and 5000, 350 and 2000-3000, 700 and 2000-3000 or 700 and 5000 Hz for 8-16 ohm speakers. Brilliance and Presence controls—are mounted on the front panel, Level controls may be removed. Escutcheon plate, for external mounting; 3 ft. leads. 99 R 00226 Imported, Shpg. wt., 4 lbs.

# Revolutionary LAFAYETTE "Poly-Planar" Speakers

Super-Thin Electro Dynamic Speakers

Lafayette "Poly Planar" wafer type component loudspeakers employ a lightweight acoustic panel supported by a frame of polystyrene plastic material to reproduce a range of frequencies from 30 Hz to 20,000 Hz. This material also permits the speakers to be made impervious to extremes of temperature, humidity, shock and vibration. There is also a minimum of piston motion resulting in low distortion and high electromagnetic efficiency.

- Super-Thin Construction Permits New Design And Installation Ideas
- · Wide:Range High-Fidelity Performance



K95 5 inch

12 inch SPEAKER Deluxe 12" SPEAKER

12" POLY-PLANAR WIDE RANGE SPEAKER-

It' PULT-PLANAR WIDE RANGE SPEAKER— Unique physical and audio characteristics permit a wide range of uses: Hi-Fidelity speaker systems, TV or radio, automotive, public address, architectural application (Build Poly-Planars into walls, closet doors, cellings), and marine application. Use it as it is or cover it, baffie It, enclose it. Specifications: Power Capacity 25 watts Peak; Frequency Range, 40-30,000 Hz, Volice Call diameter, 1"; Magnet weight, 4.8 oz.; Imp. 8 obms; Maximum operating tempera-ture, +175°F. Size: 1%°D x 14°%°H x 1134°W. Shop, wt. 2½ lbs. 21/4 lbs. Shpg. wt., 21 21 R 56016

DELUXE 12" POLY-PLANAR WIDE RANGE SPEAKER

Same as above but power handling capacity is 40 watts peak, 25 watts RMS. Freq. response, 30.20,000 Hz. Shpg. wt, 1½ lbs.
21 R 56081 Net 12.95

### 5" POLY-PLANAR WIDE RANGE SPEAKER-

Same physical and audio characteristics as above 12" speaker, Especially designed for small space high performance applications such as automobile speak-ers, extension speakers. Specifications: Power capacity, 5 watts Peak; Imp., 8 ohms; Frequency range, 60 Hz to 20,000 Hz, Operating temperature range, —20°F to +175°F; Voice coil diameter, 34°C. Size: 34°D x 834°M x 432°W. Shpg. wt., 134 lbs. 21 R 56024

SPEAKER GRILLS FOR POLY-PLANAR SPEAKERS For Surface or Custom Flush Mount Two types for either 12" or 5" speak-

Low As

ers. Will provide beautiful custom flush mount installations in your home, office, boat, or car. High impact plastic with walnut grain finish. FOR 12" SPEAKER, Wt. 2½ lbs. 21 R 56040 Net 3.95 FOR 5" SPEAKER, Wt., 11 oz. 21 P 56057 Net 1.95

# 20 Watt 8 Inch Round Poly Planar Super Thin High Fidelity Speaker

• Replaces 8" Conventional Cone Speakers in All Applications

New addition to Lafayette's series of polystyrene acoustic panel type speaker systems. Only 1" deep. Its unique construction makes it impervious to extremes of temperature, humidity, shock and vibration. Shallow depth permits mounting on doors, walls, ceilings or ordinary speaker enclosure. Specifications: Power cap.: 10W; Freq. Range. 40-20,000 Hz; Voice Coit: 3/4"; Impedance: 8 ohms; Size: 8" dia., 1.05 21 R 56065 1.05"D. Shpg. wt., 1 lb.

95

All Weather Outdoor Poly Planar Hi-Fi Speaker Systems 12" SYSTEM

Fully Weatherproof

 Can be Mounted, Can be Hung. or Can Stand

12" system: Fully weatherproof! Can be used outdoors or indoors for hl-fi or bidirectional PA paging. Handsome, high-impact white styrene enclosure with accessory walnut wood stand contains 12" Poly Planar hl-fi speaker. Includes 8 ft. hook-up wire, and all necessary hardware to simply let you stand, hang, or mount the system. Power: 20 watts peak, Frequency Response; 40-20,000 Hz handling capacity. Input Impedance: 8 ohms. Size: 134 x 1344 x

161/4". Shpg. wt., 4 lbs. 21 R 56032W

5" SYSTEM

5" System: Same as above, but with 5" poly-planar speaker. Power handling capacity: 5 watts peak. Frequency Response: 70 Hz to 20 Hz; Impedance: 8 ohms, Size: 3/8" x 6" x 10". Shpg. wt., 2 lbs. 21 R 56073 Net 12.95

# Specialty Hi-Fi Speakers For The Home and Car

NEW Matched Pair Of Dome Hi-Fi Tweeters

LAFAYETTE "Omni II" 10" 2-Way 360° Multi-Directional Hi-Fi Speaker System



Add to an Existing Speaker System for

Superior High Frequency Performance

Specially developed high powered 3½" hifdelity tweeters. The diaphragm is dome shaped, providing a nearly idea; polar pattern, Frequency response is 3500 Hz to 20 KHz, Because of low cone mass, transient distortion is negligible. Power handling capacity is 40 watts RMS with recommended crossover frequency at 4000 Hz or higher. Magnet weight 9 oz, ideal for use in 2 and 3 way 8-ohm speaker system. Shpg. wt., 3 lbs. Imported. 3 lbs. Import 21 R 29500 Imported.

Net 14.95

ONLY see page 415

Multi-Directional Sound spreads sound through entire room. You sit anywhere you want and hear perfect stereo.



· Power Handling: 40 Watts

• Response: 50-20,000 Hz

6 db/octave LC Crossover Network

Here is a multidirectional acoustic suspension system that provides undeniably realistic Here is a multidirectional acoustic suspension system that provides underiably realistic sound in any room...and with virtually any arrangement. Placement is not critical, Use 2 anywhere in the room...sit where you like—hear a natural blend of direct and reflected 360° sound. Features a powerful 10" woofer with a 40.6 oz. magnetic structure and a 1¼" voice coil, plus a direct radiator type 3½" super tweeter. Handsome hand rubbed oiled walnut finish with charcoal brown grill cloth. 6 db/octave crossover network at 2600 hz. Freq. Response: 50.20,000 hz ±10 db. Power handling capacity: 40 watts. Brilliance level control. Impedance 8 ohms. Size 13" x 13" x 19¼". Imported. Shog. wt., 29, lbs.

99 R 02438 WX No Money Down®

# LAFAYETTE CRITERION® "R-10" SOLID STATE TRINARY REVERB AMPLIFIER/SPEAKER SYSTEM

### **ACTUALLY 3 QUALITY AMPLIFIERS IN 1**

- 1) Use as a Reverb Amplifier and Speaker;
- 2) Use as a Stereo Center Channel Amplifier and Speaker;
- 3) Use as a Phono Amplifier and Speaker

Engineered to fill an important void in today's high fidelity market, Enhances your stereo listening by adding a center channel to your amplifier or receiver. Creates concert-hall realism when used as a reverb amplifier and speaker in stereo or mono systems. Or you can plug in a record changer with a ceramic cartridge—and you have a complete hi-li system. Wide-range high compliance speaker delivers rich natural sound. Power output is 1.7 watts RMS. Sensitivity—ceramic phono—100 my, center channel—150 my. Inputs—Reverb, Center channel, phono (all inputs use RCA jacks and require leads with RCA plugs). Space-age solid state circultry\_Front panel volume control with push type on/off switch. Rear panel AC convenience jack. Size: 11¾W x 8¼H x 5½mD. For 117 VAC 60 Hz. Imported. Shpg. wt., 8 lbs. 99 R 02446 No Money Down



Handsome Hand Rubbed Oiled Walnut Cabinet

# The Amazing LAFAYETTE Sound Reproducer

Turns virtually any Surface into a Speaker

Remarkable concept in providing sound almost anywhere. Concless reproducer attaches to wall, doors, ceilings, or most any object. Transforms the whole surface into a sounding board for beautiful "sound reproduction". Easily connects to speaker leads of any radio, phono, tape player, amplifier, receiver or other sound equipment. Perfect for use in background music or PA systems. For 4, 8, or 16 ohm solid-state or tube equipment. Can be used in a car. Builly-in magnet for attaching to metal objects and screw for attaching to wood, plastic, etc. Size: 2" dia. x 1½"H. Shgs. wt., 1 ib.

Shgs. wt., 1 ib.

Net 7.95 21 R 01590

Net 7.95

ONLY

IN AMY ROOM LAFAYETTE

MADE IN U.S.A.

# **Attractive Cabinet Kits For Records and Components**



(A)
COMBINATION
RECORD AND
COMPONENT
HUTCH

59<sup>95</sup>

(B)
COMBINATION
RECORD AND
COMPONENT
CABINET



[A] COMBINATION RECORD AND COMPONENT HUTCH

Handsomely styled hutch designed to accommodate your high fidelity components, records, and tapes. Can also be used to store books. 2 shelves are adjustable for placement of your tape recorder phonograph, or even a television set. Oiled walnut finish on

Striking contemporary design in a cabinet made specially for installation of your high-lidelity components and records, Provides maximum capacity for areas where space is ilimited. Cabinet is shipped knocked-down in

easy-to-assemble form complete with all

hardboard. Comes knocked-down, Simple to assemble with easy-to-follow instructions, Includes all mounting hardware, Overall size: 63"Hx144\4"0x24"W. Lower compartment with sliding doors 16"Hx14\4"0x24"W. Shpg. wt., 55 lbs.

Net 59.95

B COMBINATION RECORD AND COMPONENT CABINET

necessary instructions and hardware. Oiled walnut finish on hardboard, Overali measurements 36"Wx16"Dx30"H, Inside measurements: Record storage section 15"Hx15"D; Component shelf section 16"Dx9"H. Shpg. wt., 30 lbs.
20 R 23026W Net 27.95

CONTEMPORARY ALL-PURPOSE CABINET

NFW

NLY

2495

. Holds Up to 300 Records

All-purpose contemporary cabinet complements your decor; adds charm to your room. Walnut grain Permaneer finish is scuff resistant, heat resistant, stain resistant, and easy to clean. Helds up to 300 records. Console design, 3 sliding grooved doors on Island base, Easy to assemble, Inside dim: 46W x 133/4H x 133/2\*\*D. Overall size: 48Wx19Hx16\*\*D. Shpg. wt., 54 lbs. Sp R 16012WX



ALL PURPOSE RECORD CABINET

DELUXE ALL PURPOSE RECORD CABINET



Only 1 2 9 5

23 29

Stores Up To 200 Records

 Holds Up To 400 Records

Only



Roomy storage section with sliding doors allows for dust-free storage of up to 200 records. Sturdy construction, Mar-proof, walnut Styllte finish. Size:294/2W x 154/2D x 25"H. Easily assembled. 20 R 5806/3W Shpg. wt., 17 lbs. Net 12.95

Handsome soft walnut una-veneer finish. Solid construction—stain, mar, and heat resistant. Sliding doors: Holds up to 400 records. Top can be used as a bar or serving table. Easy to assemble. Size 40wx160x26"H. Shpg. wt., 24 lbs.

Net 29.95

# LAFAYETTE Stereo Headphones For Magnificent Private Listening

Lafayette MODEL SP55 STEREOPHONIC HEADPHONES

- Frequency Response 30-15,000 Hz
- · Air-Cushioned Headband
- Soft Foam Rubber Ear Cushions for Maximum Comfort and Bass Response
- Two 21/2" Wide Range Transducers

1195

with 5 ft, cable

Provides outstanding full-fidelity private stereo listening. Extremely comfortable headband is covered with an air-filled vinyl bag which serves as a gentle cushion. Soft foam rubber ear pads keep out external noise and provide maximum bass response. Sensitivity is very high—a signal power of 1 to 2mw will produce adequate listening volume. Two specially designed full range 2½" transducers are precisely matched to each ear cup. Complete with attached stereo phone plug, junction box for connection of the headphones to equipment which does not have stereo phone jacks, 5 ft. cable, and instructions. Frequency Response: 30-15,000 Hz. Impedance: 8 ohms per phone, Imported. Shgg. Wt., 1½ bs.

99 R 01935

Net 11.95



# Lafayette MODEL F-880 STEREO HEADPHONES

- Soft Rubber Air-Cushioned Ear Pads
- Actually Two 21/2" Hi-Fi Speakers
- Frequency Response 25 to 15,000 Hz

1795

with 5 ft. cable

Comfort-oriented design makes music listening a real pleasure. Provides dazzling wide range sound. The F-880 stereo headphones are actually two 242" high fidelity dynamic speakers with a frequency response range of 25 to 15,000 Hz and are rated at 32 watt maximum input; impedance, 8 ohms per phone. The soft rubber aircushioned ear pads provide extremely comfortable listening, het to keep out noise and maintain an excellent bass response. With 5 ft. cable and standard 14" phone plug. Imported. Shpg. wt., 2 lbs. 99 R 02040 Net 17.95



# Lafayette MODEL 8X STEREO HEADPHONES

- Soft Rubber Cushion Earcups
- . With 5 ft. Coiled Cord
- Frequency Response: 35-15,000 Hz

795

with 5 ft, colled cord

Wonderfully comfortable—features soft rubber cushion earcups which block out most external noise. Lightweight vinyl covered headband adjusts to fit easily ... lets you listen to your favorite programs hour after hour without fatigue. The big 2" transducers in each earcup bring to your ears smooth, full fidelity sound and complete stereo separation. The headset weighs only 11 oz. Frequency response: 35 to 15,000 Hz. Output: 100 mw. Matches 8 or 16-ohm impedance. Supplied complete with 5-ft. colled cord and standard ¼" phone plug. Imported. Shpg. wt., 1½ lbs.

99 R 01802

Net 7.95



# Lafayette SP22 STEREO HEADPHONES

Ideal For Use With Stereo Phonographs and Low-Power Stereo Receivers and Amplifiers

- Frequency Response: 35-12,000 Hz
- Lightweight, Only 10 oz.Adjustable Headband

with 6 ft. cable

Quality, private listening stereo headphones at a price everyone can afford. Perfect for stereo or mono. Designed for use with low priced stereo receivers, amplifiers, and phonographs. Adjustable headband and comfortable foam-filled vinyl ear pads. Large, 2¼" diameter transducers for full-range response. Impedance: 8-ohms. With 6-feet of cable and standard stereo phone plug. Imported. Shpg. Wt., 1 ib 99 R 02123



# LAFAYETTE'S Best Headphones

Lafayette F-2001 Electrostatic Stereo Headphone

- Super, Wide Range Response 5-35,000 Hz
- . Maximum Power Handling Capacity-10 Watts
- · Adjustable Vinyl Cushioned Headband
- 5" x 41/2" Earphone Cushions
- · Weighs only 16 oz.

The absolute super-realism of live sound is reproduced by The absolute super-realism of live sound is reproduced by this vastly superior, comfortable lightweight, headphone. The substance and delicate tone of each instrument is spectacularly captured either individually or in harmony with all the other instruments of the ornestra. Listening to the 72001 stereo phones is truly a magnificent experience. Uses the electrostatic principle—a moving diaphragm is suspended between 2 metal plates. A static electrical field is set up that controls the motion of the diaphragm, A self energizer resoluted in tending the convext an audio storal into a product of the convext an audio storal into a service of the convext and audio storal into a service of the service of the convext and audio storal into a service of the convext and audio storal into a service of the convext and audio storal into a service of the convext and audio storal into a service of the convext and audio storal into a service of the convext and audio storal into a service of the convext and audio storal into a service of the convext and audio storal into a service of the convext and audio storal into a service of the convext and audio storal into a service of the convext and audio storal into a service of the convext and audio storal into a service of the convext and audio storal into a service of the convext and audio storal into a service of the convext and a service of the convext an that controls the motion of the diaphragin. A set elegizer included is required to convert an audio signal into a DC polarizing voltage needed to charge the diaphragin. No extra AC power supply is required. Delivers 3 octaves of sound beyond conventional phones. Freq. Response is 5-35,000 Hz. Beyond convenient priority from the property of the color coded speaker cables, impedance is 4-16 ohms, imported. Shpg. wt., 10 ibs.

39 R 02636 No Money Down\*

Net 59.95



with 6 ft.

Lafayette F-500 4-Speaker Stereo Headphone

Each Earcup Contains 35%" Woofer. 3" Tweeter, and L/C Cross-over Network.

- Frequency Response 16-22,000 Hz
- · Adjustable Vinyl Cushioned Headband

Pure, true, uncolored stereo sound. Each earpiece contains a 2 speaker 2-way sound system featuring a dynamic 346" woofer and a super mylar cone type tweeter with a 400 Hz. L/C crossover network. The sound is tailored to complement ear sensitivity in order to enhance tistening pleasure. Absolute smooth response is virtually distortion free. Rugged shockproof conresponse is virtually distortion tree. Rugged shockproof construction. Headband adjustment for added comfort. Extra wide foam filled ear cushions seal out ambient noise, and extends has response. Meets the rigid requirements of professional use. Impedance 8 to 16 ohms. With coiled cord that extends to 6 ft. Shg. wt., 4 lbs. Imported.

99 R 02885 No Money Down\*

Net 49.95

Lafayette F1000 Two-Way Stereo Headphone with Individual Volume Controls

- . Individual Left and Right Channel **Volume Controls**
- Response: 20-20,000 Hz
- Two 21/2" 2-Way Woofer/Tweeter Transducers

With the F1000 you can enjoy the realism of virtually distortion free wide range stereo headphone listening. Each earcup contains a specifically designed 2-way woofer/tweeter transducer and a volume control for critical, controlled sound transqueer and a volume control for critical, controlled sound monitoring. For private music listening you can tailor the sound to your personal taste without having to get up and adjust the volume controls on your amplifier. Comfortable, lightweight, form fitting design permits you to enjoy extended listening without tiring—hour after hour—stereo or mono. Impedance, 8-ohms. With colled cord that extends up to 6 feet, Imported.

Shpg. wt., 21/2 lbs. 99 R 02552 No Money Down\*

Net 39.95



FAMOUS LAFAYETTE F-990 Stereo Headphones

- Two large 31/2" Wide Range Transducers
- Frequency Response 20-20,000 Hz
- · Air-tight Earphone Cushions
- Fully Adjustable, Cushioned Vinyl Headband

ONLY 61/50 Cablel

Now the listener in his home can own a pair of stereo headphones similar to the one used in laboratories, recording studios and broadcast stations. Superbly engineered to provide brilliant, full-dimensional stereo sound. Two large 3½" transducers provide complete full-range coverage from 20-20,000 Hz. A comfortably soft, but airtight seal to the ear is provided by foam filted earphone cushions. Fully adjustable, cushioned vinyl headband will give you hours of listening comfort without any fatigue. Comes with 6½ th, cable and standard stereo phone plug. Impedance: 8 ohms. Imported. Shpg. Mt. 2½ bto wt., 21/2 lbs.

# SENNHEISER HD-414 STEREO **HEADPHONES**



With 10' Cable

- Lightweight and Compact
- · "Open Air" Design

Totally natural, full-fidelity reproduction with a minimum of distortion. Unique "open air" foam ear cushions drastically reduce weight and bulk of the headset (only 5 oz. without cord). Eliminates need for closed cavities on either side of earphone diaphragms. Features 14" wide range transducers, Frequency response: 20-20,000 Hz. 2000 ohm impedance. Connects directly to either high of low impedance outputs. With 10 ft. cable and stereo phone plug. Shpg. wt., 11/2 lbs. Imported. 21 R 58004 No Money Down\* Net 33.95



SUPEREX MODEL PRO-R-V

with 15 ft. coiled cord

**Tuned Bass Ports** 

Response 16-25,000 Hz

Professional quality stereo headphones. Each phone cup has a callbrated and matched 2-way (wooter/fweeter) speaker system with Crossover network, Each system is individually tuned and ported, Luxuriously comfortable—the Pro-B-V features a replaceable, soft vinyl covered urethane "com-form" ear cushion, 4-16 ohm impedance, Shpg. wt., 3 lbs. 21 R 80073 No Money Down\*

Superex Model ST-Pro-B—same as above but less bass ports. Frequency response: 18-22,000 Hz. With 7 ft. cord and plug. 21 R 80057 Shpg. wt., 214 lbs. No Money Down\*....... Net 49.95

# STEREO HEADPHONE ACCESSORIES

STEREO HEADPHONE REMOTE CONTROL BOX

Only

Designed to connect 1 or 2 stereo headphones to an existing system without the need of continually disconnecting speakers. Separate Listen to stereo through your favorite stereo headphone anywhere in volume controls are provided for each side of the headset. Speaker the room. Ideal for use with Lafayette, Koss, Superex, Jensen, Sharp mutting switch permits using stereo headphones and speakers to and many other headsets. Flexible 3-conductor coiled cable. With a gether, or stereo phones only for private listening. Impedance: 4-16 ohms. 44W x 13,4H x 144" D. Imported. Shpg. wt., 34 lbs.

98 R 00366

Net 4.95

99 R 01166

Net 2.95

Net 2.95

Net 2.95

Net 2.95

Net 2.95

25 FT. UNIVERSAL STEREO HEADPHONE **EXTENSION CORD** 



Now with Coiled Cord

Directly Into Front

Imported. Shpg. wt., 34 lb. Net 4.95 99 R 01166 Net 2 95

# STEREO HEADPHONE VOLUME CONTROL

 Ideal for Stereo Headphones that don't have selfcontained volume

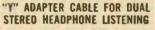


Permits the listener to individually control the volume of his stereo headphone to his personal taste. Features left and right channel volume controls and 3-way switch (right, left, stereo). With 6-foot cord standard and plug on one end for connection to stereo amplifier jack, and 2 foot cord and jack on other end for connection to stereo headphone. Shpg. wt., 1 lb. imported. 99 R 00242

# 10-FT. STEREO HEADPHONE **EXTENSION CORD**

 For Stereo Amplifiers Without Headphone Jack

Terminates in 3 spade-lug terminats in-stead of phone plug, Imported. Shpg. wt. ½ lb. 99 R 01695 Net 1.69



For connecting 2 stereo headphones to 1 output jack, Permits 2 persons to listen to same program. Two 3-circuit ¼« plugs on one end, 3 circuit jack on other end, 3-feet long. Shpg. wt., 6 oz. 24 R 71001 Net 1.79



# KOSS DYNAMIC and ELECTROSTATIC STEREOPHONES



Mike Attachment

Gives smooth, fatigue-free response, 2 octaves beyond conventional dynamic phones. Adjustable wide headband cushion for maximum comfort. Patented, liquid-filled, removable cushions. Designed for use with all stereo hi-fi amplifiers, will operate on any unit from 1 to 500 watts. High quality drivers mounted in acoustically designed enclosures provide smooth frequency response from 10 to 20,000 Hz. With 10 ft. colled cord and plug, 4 ohms impedance. Shpg. wt., 24/2

lbs. 21 R 45209

Net 60.00



Koss ESP-6 Electrostatic Stereo Phone

9500

with 10' coiled cord, connector box, and portable carrying case

Koss Model KO-727B

3495 with 10 ft. coiled cord

No Money Down\*

With 10-ft.
 Coiled Cord



NEW Koss KRD-711

"Red Devil"
Stereophones

2995

with 10'
colled cord
1' voice coil

Enjoy full dimensional stereo music with maximum comfort. Highly sensitive stereophonic reproducers will accept up to 60 watts per channel from any normal program source and can be used in any system with a 4, 8 or 16 ohm output. Foam-filled ear cushions are removable for easy cleaning, 10-ft. coiled cord for added convenience. Distortion—less than 1% at maximum output. Response: 10-15,000 Hz. Fully adjustable for comfortable private listening—even during long listening periods. Shpg. wt., 214 ibs.

Net 34.95 21 R 45217

Lightweight stereophone weights only 12 ounces and still delivers exciting sound. The 'flexible high strength polypropylene headboard conforms to any head size. Has neoprene foam ear cushions for ambient noise isolation. Frequency response 20 - 20,000 Hz. Impedance 20 ohms each channel. Can be used with systems having 4, 8, or 16 ohms output taps, 1" voice coll, Mylar diaphragm.Color: Devil Red. With 10 ft. cord & plug. Shpg. wt., 2 lbs.

21 R 45217 Net 29,95

Koss Model SP-3XC

Koss Model K-6

ACCESSORIES FOR KOSS PHONES



with 10 ft.

Low cost SP-3XC Stereophones are a specially constructed headset that provide a wide frequency range of 10-13,000 cps by means of unusual 3½" dynamic reproducers incorporated into each earphone, Foam cushloned earcups are extremely comfortable to wear, light and rugged, Ideal for Stereo, they can also be used for monaural sound. Impedance of 4-16 ohms. With 10 ft. cord and plug. Shgg, wt., 2 lbs.

21 R 45134

... Net 19.95



with 10 ft.

Combines famous Koss sound with comfortable efficient fit. Spring steel headband and foam-filled ear cushions form effective seal to achieve a freq. response of 10-16,000 Hz. Vinyl-covered cushions removable for easy cleaning with soap and water. Sponge foam headband for comfort during extended listening periods, impedance: 4-16 ohms, 10-ft. coiled cord with standard stereophone plug for direct connection to most amplifier and receiver systems. Shpg. wt., 2 lbs. 21 R 45175

A T-1 Monitoring Box

B T-5 Remote Control Box

### A Model T-1 Monitoring Box

For use in monitoring tapes from high impedance sources such as tape recorders with preamp only. Contains matching transformers for 600 to 10,000 ohm outputs. Shpg. wt., 2 lbs.

Net 7.95

Net 7.95

### ® Model T-5 Headset Control Bo

Provides stereophone and speaker control from remote location. Has jacks for 2-sets of stereophones. Left and right channel volume controls and speaker on-off switch. Impedance: 4-16 ohms. Metal cabinet. 21 R 45043 Shgs. wt., 1½ ibs. Net 9-95

See Page 22 for Full Credit Details on Easy Pay Plan

Lafayette Cat. No. 720

# Pickering, Empire, Shure, Stanton Cartridges

























### PICKERING MAGNETIC STEREO CARTRIDGES

To simplify cartridge mounting all Pickering cartridges will be supplied with a universal mounting platform which will snap into any standard tone arm head. The Pickering cartridge will then easily snap onto the platform,

A DELUXE XV-15 ELLIPTICAL SERIES — Pickering's Premiere Cartridges. Includes "Dustamatic Brush" which automatically cleans the grooves in advance of the stylus. Specifications: Channel separation 35 db; Normal output: XV-15/750E—5.5 my, XV-40E—5.5 my, XV-15/200E—002 x .0009" elliptical; XV-15/400E—003 x .0009" elliptical; XV-15/400E—003 x .0009" elliptical; XV-15/400E—003 x .0009" elliptical; XV-15/50E—012 to 1 gram; XV-15/40E—3/4 to 1½ grams; XV-15/50E—2 to 4 grams. Shpg. wt., 8 oz. No Money Down®

Stock No.	Model	For	Net
21 R 53864L 21 R 53757L	XV-15/750E XV-15/400E	Manual turntables Manual turntables	65.00 54.95
21 R 53781L	XV-15/200E	Automatic turntables	49.95

98 V-15 PHASE IV Series incorporates all of the fine characteristics of the XV-15 Series. Narrow and low profile design for simplified mounting. Improved high frequency tracking, is accomplished through lower moving mass of the stylus assembly. The DUSTAMATIC brush assembly automaticative cleans records as you play them. The brush is hinged independent of the stylus and never interferes with tracking force. Specifications: Nominal output; IV-AME 5.5 my, IV-ATE 6.5 my, IV-ATE 28 db, IV-AGE 26 db, Tracking force; IV-AME 14, grams ±1/2, IV-ATE 28 db, IV-AGE 26 db, Tracking force; IV-AME 14, grams ±1/2, IV-ATE 28 db, IV-AGE 20 to 17,000 Hz, Stylus OV-AME .0003 x .0007, IV-ATE and IV-ACE .0004 x .0007 AVERAGE. Shpg. wt., 5 oz. V-15 PHASE IV Series incorporates all of the fine characteristics

Stock No.	Model	Net
	Phase IV-ATE No Money Down®	49.95
	Phase IV-ACE	29.95

C P-SERIES STEREO CARTRIGGES—Frequency response: 20 to 15,000 Hz. Nominal output: P/ATE-1, 8 mv.; P/AT-1, 8.5 mv.; P/AC-1, 9 mv. Channel separation: 20-25 db. Tracking force: P/ATE-1, P/AT-1, 2 to 5 grams, P/AC-1, 3 to 7 grams. P/AC-1, P/AT-1 with 7 mil conical diamond stylus: P/ATE-1 with .0005 x .0008 elliptical stylus. Shpg.

Wt., 4 OZ.			
21 R 53880L	P/ATE-1 Elliptical	Net	24.95
	P/AT-1 Conical		19.95
21 R 53575L	P/AC-1 Conical	Net	17.95

### SHURE MAGNETIC STEREO CARTRIDGES

MODEL MA4E ELLIPTICAL STERED CARTRIDGE, Features an elliptical stylus (.0004"x.0007") designed for automatic turntables. Tracks from 1¾ to 4 grams. Specifications: Frequency response: 20-20,000 Hz, channel separation: 25 db, Output voltage: 9.3 mv. Compliance: 15.0x10-4 cm/dyne. Shpg. wt., 3 oz.

21 R 623601

E MODEL M-55E ELLIPTICAL STEREO CARTRIDGE. Features elliptical diamond stylus and 15° vertical tracking angle. For outstanding performance use with tone arm at a tracking force of 3/4 to 2 grams. Separation over 25 db. Output voltage: 9.3 mv. Compliance 25 x 10-4 cm/dyne. Shgs. wt., 3 oz. 21 R 62410L

F MODEL M93E ELLIPTICAL STERED CARTRIDGE, Hi-Track Elliptical cartridge with easy snap-in mount. Tracking force between 1½ to 3 grams. Provides outstanding results in automatic or manual turntables. With Bi-Radial .0004" x .0007" diamond stylus. Freq. Response 20 to 20,000 Hz. Separation 25 db at 1,000 Hz. Wt., 6 oz. 21 R 62436L No Money Down" ... Net 39,95

MODEL MOTE DELUXE HI-TRACK ELLIPTICAL STERED CARTRIDGE with optimized design parameters for trackability. For use in automatic and manual turntables. With Bi-Radial .0002" x .0007" diamond stylus. Freq. Response 20 to 20,000 Hz. Separation at 25 db at 1,000 Hz. Trackling force: 3/4 to 1½ grams. Shpg. wt., 3 oz. 21 R 62444L No Money Down\*

N V-15 TYPE II SUPER-TRACK IMPROVED STEREO DYNETIC ELLIPTICAL CARTRIDGE. Shure's premiere cartridge featuring increased Trackability in the low and mid-frequency ranges. Recreates music with transcendent purity. Retractable elliptical 2007\* x .002\* diamond stylus. Specifications: Frequency response: 20 to 25,000 Hz. Channel separation: 25 db at 1,000 Hz. Output voltage: 3.5 mv. Tracking force: 3/4 to 1/z grams. Shgg. wt., 8 oz.
21 R 62386L No Money Down\*

I MODEL M7/N210 STEREO CARTRIDGE. Frequency response: 20 to 20,000 Hz. Channel Separation: More than 20 db at 1000 Hz. Output voltage: 4 mw. per channel at 1000 Hz. Tracking force: 2 to 5 grams. Tracks perfectly in all record changer arms with .7 mil conical diamond stylus. Shgz. wt., 3 oz.
21 R 62063L Net 12.95

### STANTON MAGNETIC STEREO CARTRIDGE

### EMPIRE MAGNETIC STEREO CARTRIDGES

K 90EE/X Elliptical Cartridge—15° vertical tracking angle, Fully compatible for stereo or mono, Freq. Response 15-25,000 Hz, Output 8.0 my, Channel Separation 30db, Tracking Force: 1½ to 4 grams. Spg. wt., 2 0z.
21 R 349551. Net 24.95

M 999 Elliptical Series — Empire premiere cartridges. All styli are hand polished bi-radial, 15° vertical tracking angle. For stereo or are nang polisme bi-radial. 15° Vertical tracking angle, For stereo or mono use, 4 coil system gives complete freedom from hum pick-up. Easily replaceable stylus assembly, Specifications: Output 999E/X and 999E/X, 8mv; 999E/X, 6mv; Channel separation 35db; Frequency Response: 999E/X 10-30,000 Mz; 999E/X 8-32,000 Mz; 999E/X 8-32,000 Mz. Tracking Force: 999E/X—¼ to 2 grams, 999E/X and 999E/X by 10-12 grams. Shpg. wt., 6 oz. 21 R 3493OL 999E/X Elliptical 999E/X 1 2 3493OL

21 R 34930L 21 R 34922L 21 R 34914L 999SE/X 999TE/X **Elliptical** 49.95

See Page 22 for Full Credit Details on Easy Pay Plan

# Tone Arms, Cartridges, Replacement Diamond Styli

Exclusive LAFAYETTE/PICKERING Phase 44 **Elliptical Diamond Needle Stereo Magnetic Cartridge** 



The Lafayette/Pickering Phase 44 was especially designed to be used as the stereo cartridge in the derived 4-channel stereo systems that use the Lafayette and other brand 4 channel adapters. The Phase 44 cartridge will perform equally well when used in a conventional 2-channel stereo system. The playback characteristics of the Phase 44 have been tailored to achieve the utmost in performance. Channel separation exceeds 35 db. A special 4 x 9 elliptical diamond stylus tracks at 144 (±1/2) grams. Frequency range is 19-25,000 Hz. Nominal output 5.5 my. The patented Dustamatic stylus will protect your records from dust and preserve their natural sound. Shgg. wt., 402.

21 R 01731L

Replacement Diamond Stylus for Phase 44

ADC and GRADO Stereo Cartridges





Grado F Series

220XE ELLIPTICAL STEREO CARTRIDGE. Channel separation: 20 db. Response: 10-18,000 Hz  $\pm 3$  db. Tracking force: 1% to 4 gms. Elliptical Diamond Stylus. Output: 5 mv.

21 R 13306L Shpg. wt., 6 oz.

FIE

GRADO F SERIES STEREO CARTRIDGES. Frequency Response: 10 to 35,000 Hz, Channel separation: 25 db. Output: 4 mv @ 3.54 CMV. Recommended Tracking Force: 1½ to 3½ grams. Shpg. wt., 4 oz. 9.95

FTR 21 R 413561 21 R 41364L

.6 Spherical 7 v 3 Filintical

# Shure M232 Stereo Tone Arm



Quality 12" tone arm that ACCEPTS MOST CARTRIDGES and permits them to operate at their maximum potential performance. Features precision bail bearings at all pivot joints, plug in head with positive alignment lock and variable height adjustment. Positive visual control over balance without altering overall arm length. Tracking force 1½ to 6 grams. Comes with arm rest, mounting template, mounting hardware, Shpg. wt., 2¼ lbs.
21 R 625191. No Money Down\*. Net 32.75

MODEL M236 Same as Model M232, but for 16" Records in broadcast use. Shpg. wt., 2¼ lbs.
21 R 625271. No Money Down\* Net 35.00 Shure A23H Extra Plug in Head. Shpg. w1., S oz.

21 R 62535L

Net 3.00

19.95

# Replacement Diamond Styli for Stereo Hi-Fi Cartridges

· Wide Selection To Fit The Most Popular Selling Stereo Cartridges—Both Past And Current

Net 44.95

Net 14.95

· For Pickering, Shure, Empire, Grado, ADC, Stanton, and GE · Manufacturer's Exact Replacement Styli

Stock No.	MFR.	Туре	STYLUS	For	Net
21 R 53450L			-ELLIP	V15/AME-1.	Het
21 K 33450L	Pick	D1500AME-2	-ELLIP	AME-2	20.95
21 R 53468L	Pick.	D1507AM-2	.7 MIL	V15/AM-1.	10.00
	· · · ·	D. 507 A 2	.,	AM-2	12.95
21 R 53476L	Pick.	D1507AT-2	7 MIL	V15/AT-1.	
				V15/AT-2	11.50
21 R 53484L	Pick.	D1507AC-2	.7 MIL	V15/AC-1, V15/AC-2	10.50
21 R 53500L	Pick.	D1527	2.7 MIL	V15 Series	12,95
21 R 53591L	Pick.	P/D07-T	,7 MIL	P/AT-1	10.50
21 R 53609L	Pick.	P/D07-C	.7 MIL	P/AC-1	9.90
21 R 53090L	Pick.	PDE	ELLIP	PATE-1	15.95
21 R 53021L	Pick.	D3807AT	.7 MIL	U38AT	12.95
21 R 53070L	Plck.	D3807A	.7 MIL	380A	13.95
21 R 53062L	Pick.	D3807C	.7 MIL	380C	12.95
21 R 53534L	Pick.	D3810C	1 MIL	U38AT, 380C	12.50
21 R 53138L	Pick.	D3827C	2.7-MIL	U38AT, 380C	13.50
21 R 53112L	Pick.	D9007	.7 MIL	MARK/II	12.95
21 R 53633L	Pick.	D1500ATE-2	ELLIP	V15/ATE-2	10.95
21 R 53641L	Pick.	D1500AME-3	ELLIP	V15/AME-3	26.25
21 R 53650L	Pick.	D1500ATE-3	ELLIP	V15/ATE-3	23.65
21 R 53674L	Pick.	D1507AT-3	.7 MIL	V15/AT-3	14.50
21 R 53815L	Pick.	D400	ELLIP	XV-15/400 E	28.50
21 R 53023L	Pick.	0200	ELLIP	XV-15/200E	26.25
21 R 53807L	Pick.	D100	ELLIP	XV-15/100	14.70
21 R 53690L	Pick.	D1527-3	2.7 MIL	V15-3 Series	15.25
21 R 53831L	Fick.	D1507AC-3	.7 MIL	V15AC-3	12.50
21 R 53849L	Pick.	D1500ACE-3	ELLIP	V15ACE-3	21.50
21 R 53872L	Pick.	0750	ELLIP	XV-15/750E	31.50
21 R 53914L	Pick.	DIV-AME	ELLIP	Phase IV/AME	28.95
21 R 53948L	Pick.	DIV-ATE	ELLIP	Phase IV/ATE	23.65
21 R 53955L	Pick.	DIV-ACE	ELLIP	Phase IV/ACE	20.50
21 R 34047L	Empire	S880P-6RD	.6 MIL	880P	12.95
21 R 3440tL	Empire	S888PE-ERD	ELLIP	888PE	20.95
21 R 34419L	Empire	S888P-6RD	.6 MIL	888P	14.95

Stock No.	MFR.	Type	STYLUS	For	Net
21 R 34971L	Empire	S999TE/X-ERD	ELLIP	999TE/X	32,95
21 R 34963L	Empire	-S999SE/X-ERD	ELLIP	999SE/X	24.95
21 R 34492L	Empire	S999E/X-ERD	ELLIP	999E/X	19.95
21 R 34484L	Empire	S909E/X-ERD	ELLIP	909E/X	14.95
21 R 34476L	Empire	S90E/X-ERD	ELLIP	90EE/X	13.95
21 R 3445GL	Empire	\$888-7RD	.7 MIL	888.	12,95
21 R 34617L	Empire	S888E-ERD	ELLIP	888E	16.95
21 R 34625L	Empire	S888SE-ERD	FLLIP	888SE	22.95
21 R 34724L	Empire	S999VE-ERD	ELLIP	999VE	36.95
21 R 34732L	Empire	S888TE-ERD	ELLIP	888TE	24.95
21 R 34823L	Empire	S888VE-ERD	ELLIP	888VE	29.95
21 R 62022L	Shure	N3D	.7 MIL	M3D, M7D	7.95
21 R 62071L	Shure	N21D	.7 MIL	M7D, M3D	11.00
21 R 62170L	Shure	N44-5	.5 MIL	M44-5	11.00
21 R 62188L	Shure	N44-7	.7 MIL	M44-7	9.75
21 R 62543L	Shure	VN15E	ELLIP	V15, V15/11	27.00
21 R 62246L	Shure	N55E	ELLIP	M80, M55	14.95
21 R 62253L	Shure	N99	.7 MIL	M99	15.00
21 R 62378L	Shure	N44E	ELLIP	M54E	12.50
21 R 62402L	Shure	N32E	ELLIP	M32E	14.50
21 R 62477L	Shure	N91E	ELLIP	M91E	24.50
21 R 624694	Shure	N93E	ELLIP	M93E	19,50
21 R 13108L	ADC	R-4E	ELLIP	P/4-E	18.00
21 R 13124L	ADC	R-770	.7 MIL	770	9.00
21 R 13157L	ADC	R-6E	ELLIP	660/E	15.00
21 R 13207L	ADC	R-12E	ELLIP	10E/11. 10/E	22.50
21 R 13280L	ADC	R-9E	ELLIP	220E, 990E	12.00
21 R 13330L	ADC	R20X/E	ELLIP	220X/E	10.00
21 R 38048L	GE	DR-7D	.7 MIL	V1000-7	8.40
21 R 38063L	GE	VR222		VR-22	5.00
21 R 38501L	GE	DR3D		VR-10003	16.00
21 R 41372L	Grado	FTR/S		SPHERICAL	7.50
21 R 41380L	Grado			ELLIP.	12.50
21 R 24014L	Stanton	D6800EE	ELLIP	681EE	36.00

# DELUXE Garrard | Synchro-Lab Automatic Turntables Featuring...

# Money Saving Combinations Save up to 39.95 From Individual Catalog Prices

When you purchase your choice of Below Elliptical Cartridge with a Garrard Turntable Listed on Page 84 or 85

(See Page 82 and 83 for Description of cartridges)



Lafavette/Pickering Phase 44 44.95



Pickering Phase IV/ATE 39.95



Shure M91E 39.95



Pickering Phase IV/ACE 29.95



Shure M93E 29.95



13950

less cartridge, less

choice of deluxe cartrid e

ing Phase 44 Cart-rid e, Less base

No Money Down\*

**Built-in calibrated stylus** pressure gauge permits accurate audible/visible click settings in ¼ gram increments. Viewing window in tonearm for easy reading



Tonearm floats virtually riction-free within gyroscopically gimballed mounting on jewel-like mounting on jewel-like needle pivots for lightest possible tracking.

rrard's finest 3-speed Automatic Stereo Transcription turntable with synchronous motor for perfectly constant speed. Plays 331/5, 45, and 78 RPM Records. Advanced ultra-low mass tonearm of Afromosia and 70 hrm nectors. Advanced distribution mass character in Arthropistal wood set into aluminum, floats withbally friction free on jewel-like pivots in gyroscopically gimballed mounting. Fully adjustable counterweight. Fully damped single-control cueing/pausing. Viscous damped slow descent of tonearm during manual and automatic play. Exclusive 2-point record support at center and edge during automatic play. Permanently accurate anti-skating control of patented sliding weight design. Calibrated stylus pressure gauge adjustable in 1/4 weight design. Calibrated stylus pressure gauge adjustable in 44 gram increments with window scale for easy reading. Slide-in cartridge clip. Full size, light-weight turntable. Two interchangeable spindles. All connecting cables For 110-130V 60 Hz AC Size, 15½" X14½", above motor board 43½", below 2½". Imported. Wt., 13 lbs. Less Base Net 139.50

21 R 40440WX SL95B No Money Down\* 21 R 90569WXM SL95B Plus Pickering Phase IV/ATE

Net 139.51 21 R 40911WXM SL95B Plus Shure M93E Net 139.51

21 R 90577WXM SL95B Plus Laf/Pickering Phase 44 Net 144,50 See Page 22 for Full Credit Details on Easy Pay Plan



SYNCHRO-LAB MOawless, silent synchronous speed . .



tonearm in automatic play . . . an exclusive SL95B, SL75B, SL72B



ANTI-SKATING CONTROLS prevent record stylus wear



SLIDE-IN CARTRIDGE CLIP assures tive alignment.

# MODEL SL55B 3-SPEED SYNCHRO-LAB AUTOMATIC TURNTABLE

with Choice of Elliptical Stereo Cartridges

5 0 50 less cartridge and base

Money-Saving SL55B/Cartridge Combinations—See Below Listings



SL75B, SL72B at both center and edge.

MODEL SL65B 3-SPEED SYNCHRO-LAB AUTOMATIC TURNTABLE

with Choice of Elliptical Stereo Cartridges

7450 less cartridge and base

Money Saving SL65B/Cartridge Combinations—See Below Listings





Plays 331/s, 45, and 78 RPM Records. Light weight, tubular aluminum tonearm with fixed-position damped counterweight and silde-in cartridge clip. Built in stylus force adjustment and optical scale. Viscous damped, single-lever cuelng. Fully adjustable antiskating. Oversized turntable with all connecting cables. For 110-130V 60 Hz AC, Size: 14% "WX152½"C; above motor board 4%", below 2%", Imported. Wt., 9½ lbs. less base.

21	R	40481W S	L55B	only		Net	59.50
21	R	90486WM	SL55B	Plus	Pickering Phase IV/ACE	Net	59.51
21	R	40614WM	SL558	and	Shure M55E	Net	59.51
21	R	90494WM	SL55B	Plus	Pickering Phase IV/ATE	Net	64.50
21	R	40945WM	SL55B	plus	Shure M93E	Net	64.50
21	R	90502WM	SL55B	Plus	Laf/Pickering Phase 44	Net	69.50

Plays 3 Speeds: 331/3, 45, and 78 RPM. Features: Synchro-Lab Motor, large turntable of heavy aluminum, low-mass tubular alumi-num tonearm dynamically balanced with adjustable counterweight, adjustable anti-stating control, viscous damped, single lever cueing. Precision stylus pressure gauge with optical scale. Connecting cables. For 110-1307, 60 Hz. AC. Size: 15"WX134"C; above motor board 44", below 3". Imported. Wt., 1014 lbs. less base.

21	PK	404/3W 2	F02R	only Net	74.50
21	R	90535WM	SL658 F	Plus Pickering Phase IV/ACE Net	74.51
21	R	40655WM	SL65B	Plus Shure M5\$E Net	74.51
21	R	90544WM	SL65B	Plus Pickering Phase IV/ATE Net	79.50
21	R	40952WM	SL65B	Plus Shure M93 Net	79.50
21	R	90551WM	SL65B I	Plus Laf/Pickering Phase 44 Net	84.00

SL72B 3-SPEED SYNCHRO-LAB **AUTOMATIC TRANSCRIPTION TURNTABLE** 

with Choice of Elliptical Stereo Cartridges

Less cartridge, and

choice of defuxe elliptical cartridge less base

Plus Lafayette/Pickering Phase 44 Cart-ridge, Less base

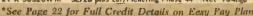
No Money Down\*

Plays 33½, 45, and 78 RPM Records. Synchro-Lab Motor for perfectly constant speed, unwavering musical pitch. Record platform for safe, two-point support during automatic play. Low-mass tubular aluminum tenerum of advanced design floats on needle pivots within a gyro-scopically gimballed mounting for flawless tracking. Fully adjustable counterweight. Silde-in cartridge clip. Patented, permanently accurate silding weight anti-skating control. Calibrated stylus pressure gauge with visible scale. Damped set-down of tonearm in manual and automatic play. Single control viscous damped cueing. Simplified finger-tip tab operating controls. Full size turnitable. Two Interchangeable spindles. All connecting cables. For 110-130V 60 Hz. AC. Dimensions: 15%, "Wall4%;" Lips Less base.

ported. Shpg. wt., 11 lbs. Less base. 21 R 40465W SL728 only. SL72B only. Net 99.50 SL72B plus Pickering Phase IV/ATE SL72B plus Shure M93E Net 99,51 Net 99,51 21 R 90510WM 21 R 40960WM SL728 plus Laf/Pickering Phase 44 Net 104.50 21 R 90528W M

Gyroscopically gimballed tonearm mounting, plus needle-pivots assure friction-free tonearm move-ment . . . vertically and horizontally . . . and light tracking.

Ultra-low-mass, light-weight tonearm of ad-vanced hexagon shaped design and adjustable counterweight provides perfect balance and flawless tracking





# **Another Lafayette Exclusive!**

Buy the Deluxe Lafayette/Pickering Phase 44 Elliptical Diamond Needle

Cartridge for Only with the Purchase of the ZERO 100

**SAVE** 44.95

From Individual Catalog Prices

A MARIE

ZERO 100 PLUS PHASE 44 CARTRIDGE

189<sup>51</sup>

The Lafayette/Pickering Phase 44 was designed to extract the maximum in 4-dimensional sound from records(both 2 channel and specially cut 4 channel) and to provide a high level of performance for conventional 2 channel reproduction (See page 83 for description of the Lafayette/Pickering Phase 44).

Zero 100 Plus Lafayette/Pickering Phase 44. Shop. wt., 151/4 lbs. 21 R 90726WXM No Money Down\* Net 189.51

Magnetic Anti-Skating Control

Illuminated Strobescope

15° Vertical Tracking Adjustment

Cartridge Overhang Adjustment Slide Weight for Setting Stylus Force

Patented Synchro

Exclusive Garrard Two-Point Record Support

Variable Speed Control ±3½ @ 33½ RPM ±2½ @ 45 RPM



Radius (ins)

The brilliant ZERO 100 meets the demands placed on the automatic turntable for higher performance standards in today's sophisticated high fidelity market. Heart of the ZERO 100 "super changer" is a revolutionary new tone arm engineered to provide Zero tracking error for preserving the record grooves and obtaining the finest sound reproduction. The arm is designed so that the cartridge housing is pivoted directly above the stylus tip, resulting in the stylus Itself always being perpendicularly langent to the groove. Other fine features are 15% vertical tracking adjustment, cartridge overhang adjustment, magnetic anti-skaling control, interchangeable spindles, iong spindle accommodates a stack of six records, short one for single play. Kinetically matched turntable. Separate control tabs for auto, manual, and cueing/pausing. 2 speeds, 33½, and 45; rpm. Satin aluminum finish with sparkling white unit plate. Size: 15½, "W x 14½" D. Above motor board 34," below motor board 2½,". For 100-130 volts, 60 cycle AC. Imported from England. Shpg. wt., 15 lbs. Net 189,50

Fracting

**Automatic Turntables** Garrard | Automatic Turntables and Manual Record Players

# MODEL 40B 3 SPEED AUTOMATIC TURNTABLE

Plays 331/3, 45, and 78 rpm records. Full viscous damped, single lever cueing. Low mass, tubular aluminum tonearm with fixed isolated counter-weight. Slide-in carfixed isolated counter-weight. Slide-in car-tridge clip assures positive cartridge align-ment. Easy to adjust stylus pressure control and visible scale. Swingaway overam moves to the rear, out of the way for manual play. Two interchangeable spindles. Oversize turniwo interchangeable spindles. Oversize turn-table with handsome safety mat. Size: 143½"Mx12½"L. Requires 43½" above and 3" below motor board. With all connecting cables. Less base. For 110-130-VAC, 60 Hz. Imported. Shpg. ut., 9½" bs. . 21 R 40499W Model 40B only Net 44.50

Model 40B and Pickering PAT/E-1 Eiliptical

Cartridge, Shpg. wt., 93/4 lbs. Net 44.51 Model 408 and Shure M44E Elliptical Cartridge, Shpg. wt., 9¾ lbs.
21 R 40564WM Net 44.51

Model 408 and Empire 90EE/X Elliptical Car-

tridge, Shpg. wt., 9½ lbs. 21 R 40861WM 21 R 40861WM Model 40B and Pickering Phase IV/ACE El-liptical Cartridge, Shpg. wt., 9-14 lbs. 21 R 90585WM Net 49.50

Model 40B and Shure 55E Elliptical Cartridge, Shpg. wt., 9¼ lbs.
21 R 40598WM Net 49.50 Model 408 and Empire 909E/X Elliptical

Cartridge. Shpg. wt., 91/2 lbs. Net 49 50 Model 40B and Lafayette/Pickering Phase 44 Elliptical Cartridge. Shpg. wt., 9% lbs.

No Money Down\* and Rase

Save up to 2995 from Individual Catalog Prices

on GARRARD 40B and Elliptical Stereo Cartridge Combinations (See listing to left)

# Net 59,50 **MODEL SP20B** 4 SPFFD MANUAL RECORD PLAYER With Choice of Stereo Elliptical Cartridge

50 Cartridge and Base

21 R 90593WM

Pickering PAT/E-1 Elliptical Cartridge, Less Base

Lafayette/Pickering Phase 44 Elliptical Cartridge, less base

A compact, efficient manual player with high fidelity features. Low-mass tubular aluminum arm with fixed counter-weight, isloated in a 

SP20B plus Pickering PAT/E-1 Elliptical Cartridge. Shag. wt., 91/4 lbs.
21 R 40853WM No Money Down\* Net 42.50
SP20B Plus Lafayette/Pickering Phase 44 Elliptical Cartridge. Shag.

21 R 90601WM No Money Down

Net 52,50

**MODEL 30** 4 SPEED AUTOMATIC TURNTABLE



Garrard 4-speed automatic stereo turntable designed especially for use in low priced hi-f; systems, and perfect for replacement in consoles and phonographs. Features oversized, weighted turntable, one piece cast aiuminum tone arm, ultra compact size. Plays 1624, 334, 45 and 78 RPM records. Intermix automatic operation when desired. Two spindles—short for manual, center drop for automatic play. With ceramic cartridge, diamond stylus. All connecting cables. Dim.: 14½,21234", above motor board 434", below 2½4", For 110-130 VAC, 60 Hz. Less base. Imported. Shog. wt., 9¼ bys. 12 R 37325W No Money Down\* Net 39.50

24 R 30239 Replacement Cartridge 3 oz. 24 R 03335 Replacement Diamond Needle 3 oz. Net 6.90 Net 2,49

# Garrard MODULE TURNTABLE ENSEMBLES



Module XII Garrard 4-Speed Automatic "Demi" Changer with Pre-Installed Stereo Ceramic Diamond Needle Cartridge, Base & Dust Cover

Miniature automatic record changer, Small enough to fit on a bedside table or a small shelf. Can play up to 8 records in automatic play . . . 4 Speeds: 1624, 3345, 45, 78 rpm. Tubular aluminum tonearm precisely balanced for correct tracking. Automatic shut-off after last record has played, With all hook-up leads. Size: 1314"Lx10"Wx634"H. Imported. For 110-130 VAC 60 Hz. 21 R 40523W Shpg. Wt., 814 lbs. . . . . Net 39.95

39<sup>9</sup> Complete No Money Down\*

Module X10 Precision Automatic Turntable with Pre-Installed Stereo Ceramic Diamond Needle Cartridge, Base & Dust Cover.

Complete No Money Down\*

Module SLX-2 Synchronous 3-Speed Automatic Turntable with Pre-Installed Stereo Magnetic Diamond Needle Cartridge, Base & Dust Cover

Complete
No Money
Down\*

Module SLX-3 Synchronously Powered 3-Speed Automatic Turntable with Pre-Installed Magnetic Elliptical Cartridge, Base & Dust Cover

Synchro-Lab® motor guarantees perfectly constant record speed ... unwavering musical pitch. Exclusive two-point record support at center and edge during automatic play. Stylus force adjustment with window scale. Ultra-low-mass tubular alumingum tone-arm. Permanently accurate sliding weight anti-skating control. Fully damped, single control cueing. Viscous damped tonearm. Finger-tip controls. Oversize turntable, With all audio cables, Size (includes base and cover): 15%, "Wh.14%pb.8\*H, For 110-130 V AC. 60 Hz. Imported Shpg. wt., 18 ibs.

Net 99.50

9950 Complete No Money Down\*

# ACCESSORIES FOR GARRARD AUTOMATIC TURNTABLES



E		-		G (A)		
Stock No.	FIG.	MDDEL ND.	DESCRIPTION	FOR	SHPG. WT.	NET EA.
21 R 40226W	A	B1		SL65B, SL55B, 40B, 30, SP20B		5.50
21 R 40234W	A	B2	Ebony Pin-Seal Plastic Base	SL958, SL75B, SL72B, Zero 10	0 23/4 lbs.	6.50
21 R 40242W	В	BIP	Power-Matic Base w/ Auto. Shut-off	SL65B, SL55B, 40B, 30, SP20B	21/2 lbs.	14.95
21 R 40259W	В	B2P	Power-Matic Base w/ Auto. Shut-off	SL95B. SL75B, SL72B, Zero 10		15.95
21 R 40820W	C	WB1	Deluxe Walnut Wood Base	SL65B, SL55B, 40B, 30, SP20E		19.95
21 R 40838W	C	W82	Deluxe Walnut Wood Base	SL959, SL75B, SL72B, Zero 10	0 4 lbs.	19.95
21 R 40267W	D	D1	Plastic Dust Covert	SL65B, SL55B, 40B, 30, SP20B	31/2 lbs.	_
21 R 4027SW	D	02	Plastic Dust Cover‡	SL95B, SL75B, SL72B, Zero 10	0 33/4 lbs.	6.50
24 R 12096W	E	251	Wood Mounting Board— Unfinished	SL65B, SL55B, 40B, 30, SP20B	1 lb.	1.95
24 R 12161W	E	4.00	Wood Mounting Board— Unfinished	SL95B, SL75B, SL72B, Zero 10		1.95
21 R 40531	F	FLRS35	45 rpm Spindle	65B, 55B. 40B, 30, SLX-2, X10		1.95
21 R 37974	F	LRS25	45 rpm Spindle	SL95B, SL75B, SL72B, SLX-3	6 02.	3.80
21 R 28007	F	LRS100	45 rpm Spindle	Zero 100	6 oz.	3.80
21 R 40549	F	F40	45 rpm Spindle	X11	3 02.	1.95
21 R 37982	G	C1	Cartridge Clip Holder	SL75B	2 02.	1.75
21 R 37966	G	C2	Cartridge Clip Holder	SL95B, SL72B, SL65B, SL55B, 40B, 30, SP20B	2 02.	1.75
21 R 28015	G	C3	Cartridge Clip Holder	Zero 100	2 02.	1.75
tCan be use	d wit	h only B	l or B1P Bases	‡Can be used with only		
			See Page 22 for	Full Credit Details on 1	Casu Pau	Plan

# Professional Automatic Stereo Turntables by

# YOUR CHOICE OF ELLIPTICAL STEREO CARTRIDGE

For Only more With Purchase of

A Dual Turntable



For Only **=** 00 more

With Purchase of A Dual Turntable



From Individual

# **Dual 1219 Professional Automatic Turntable** With Choice of Stereo Elliptical Cartridge

Dual's finest automatic stereo turntable combines unrestricted flexibility of operation with complete professional quality. Three speeds: 33½, 45, and 78 RPM. Fully automatic and manual operation. Two spindles: Multiple play—holds up to 6 records, and rotating single play. Mode selector lowers tone arm base to provide perfect 15° stylus tracking (zero degree vertical tracking error) when set for single play, and raises the tonearm base for multiple play. True four-point gyroscopic gimbal suspension for virtually friction-free tone-arm movement. Separate antiskating for conical and elliptical styll. Adjustable stylus overhang, Full 12" diameter turntable with dynamically balanced 7 b. platter, Synchronous/continuous pole motor combines high forque with absolute speed accuracy regardless of line voltage. Cue control system is damped to prevent bounce. Counter balance is elastically damped and has 0.01 gm. click stops for precision balancing. Pitch control for "turning" records over a 6% range. 110/220 VAC 60 Hz. Size: 141½,LX12½w, 6" above and 3" clearance below rotor board. Imported. Shpg. wt., 18½ [bs. clearance below rotor board, imported, Shoe, wt., 181/2 lbs

21 R 65827W 1219 Less Cartridge Net	175.00
The state of the s	
21 R 90619WXM 1219 Plus Pick, Phase IV/ATE	175.01
ZI R JUDIJWAM 1213 PIUS PICK, PRASE IV/AIE	175.01
21 R 68011WXM 1219 Plus Shure M93 Net	175 01
The state of the s	
SER BOCCORWINE 1000 Div. 1 - 4/DI-b Div 44	
21 R 90627WXM 1219 Plus Laf/Pick, Phase 44 Net	180.00

# NEW DUAL 1218 Automatic Turntable with Choice of Stereo Elliptical Cartridge

Deluxe 3-speed automatic stereo turntable with Synchronous/hitorque motor, Major features include: Twin-ring tone-arm gimbal suspension; one piece non-ferrous cast turntable platter; pitch control (6% variation); cue-control; conical/elliptical anti-skating control; damped click-stop counterbalance; and Mode Selector — provides 15° vertical tracking in single-play mode and at center of stack in Multiple-play mode, simple, fool-proof setting made within cartridge holder. Multiple-play spindle holds up to 6 records. Other features include: Adjustable stylus overhang, direct-dial stylus force, 3 speeds: 33½, 45 and 78 RPM. Dimensions 13"x 10¾" — 6" above and 3" clearance below mounting board. Imported. For 110/120 VAC, 60 MZ. Shpg. Wt., 15 ibs.

	attention before most most				
21	R 68128WX No M	oney Down"		Net	139,50
21	R 90635WXM 1218	Plus Pick	Phase IV/ATE	Net	139,51
	R 90643WXM 1218				139.51
	R 90650WXM 1218				144 50

# Dual 1215 Automatic Turntable With Choice of Stereo Elliptical Cartridge

Quality 3-speed stereo turntable with new improved, low mass counterbalanced tonearm. Tracks flawlessly as low as 1 gm. Features direct dial tracking force, synchronized anti-skating, pitch control for all three speeds: 33½, 45, and 78 RPM, silicone damped cue control, and adjustable stylus overhang. Multiple play spindle holds up to 6 records. Size: 12¾ x 10½, 6° above and 3° clearance below mounting board, 110/120 VAC. 60 Hz. Shog. wt. 12 lbs.

GIII	-6	DCION III	Attention	, DOG	· U. 61	TO TEO	VINO.	UU ITA.	SHIPE.	Ac (	16 ID2.
21	R	68003W	1215 L	ess (	Cartrio	ige				Net	99.50
21	R	90668WX	1215	Plus	Pick.	Phase	IV/AT	E	Spekarina .	Net	99.51
21	R	68086WM	1215	Plus	Shur	e M93	E			Net	99.51
21	R	90676WM	1215	Plus	Laf/I	Pick. F	hase a	44		Net	104.50

### **ACCESSORIES FOR DUAL TURNTABLES**

Stock No.	Mfg. No.	Description	For	Shpg. Wt.	Net
21 R 65835W	WB12	Walnut Base	1215, 1218	4 lbs.	10.95
21 R 66007W	WB19	Wainut Base	1219	4 lbs.	14.95
21 R 65843W	DC2	<b>Oust Cover</b>	WB12 Base	2 fbs.	10.95
21 R 66015W	DC9	<b>Dust Cover</b>	WB19 Base	2 lbs.	12.95
21 R 65868	CH12	Cart, Holder	1215, 1219	3 oz.	3.95
21 R 68110	CH22	15° Cart. Holder	1218	9 02.	8.95
21 R 65850	AS12	45 Spindle	1215, 1218, 1219	4 oz.	5.95

\*See Page 22 for Full Credit Details on Easy Pay Plan

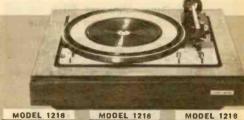


Less Cartridge Less Base

No Money Down

With Chaice of Pickering Phase IV/ATE or Shure M93 Less

Lafayette/Pickering Phase 44 Ellin Cart

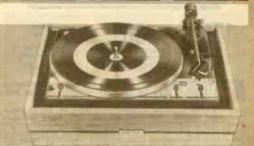


Less Cartridge **O** 50 Less Base

No Money Down

with Choice of Pickering Phase IV/ATE or Shure M93 0 51 Less

With Lafayette/Pickering Phase 44 Ellip, Cart. 50 Less



**WOOEL 1215** 

Less Cartridge

Less Base No Money Down\* **MODEL 1215** 

With Chaice of Pickering Phase IV/ATE or Shure M93

afayette/Pickering

**MODEL 1215** 

# AR and Miracord Stereo Turntables

Model XA Two-Speed Manual Stereo Turntable

Save 29 95

From Individual Catalog Prices When you purchase an AR Turntable with the Deluxe Lafayette/Pickerina Phase 44 Elliptical Stereo Cartridge

(See Page 83 for Description of the Phase 44)



**Turntable Comes Complete** With Tone Arm, Walnut Wood Base And Plastic Dust Cover

Net 102.00 Cartridge 2.00

afayette/ Pickering Phase 44 Phase 44 Elliptical Cartridge

Outstanding turntable featuring a rugged 3.3 lb. balanced aluminum platter belt driven from synchronous motors operating at 33½ and 45 RPM. Turntable and arm are shock-mounted from the top plate eliminating vibration. Meets NAB specifications for broadcast equipment on wow, flutter and speed accuracy, includes cables, overhang adjustment device and needle force gauge. Size with cover—12½x163x5½7. Shpg. wt., 18 lbs.

21 R 72013W XA less cartridge. No Money Down?

Net 87.00

Cartridge.

XA Turntable and Lafayette/Pickering Phase 44 21 R 90700WM Shpg. wt., 184/2 lbs.

Model XA/UNIVERSAL TURNTABLE—Same deluxe features as above but can be used anywhere in the world. For 110 or 220 volts, 50 or 60 Hz operation. Shpg. wt., 17½ lbs. 21 R 72617W XA/U less cartridge Net 87.00 XA/U Turntable and Lafayette/Pickering Phase 44 21 R 90718WM Shpg. wt., 181/2 lbs. Net 102.00

Extra cartridge shell for AR turntables. Wt., 3 oz. 21 R 72575

Benjamin Miracord 50H 4-speed Automatic Stereo Turntable



Less Cartridge

Lafayette/Pickering Phase 44 Elliptical



Latayette/Pickering Phase 44 Elliptical Cartridge, AAS

when you buy a Lafayette/Pickering Phase 44 Elilptical Cartridge with the 50H.

Superb, 4-speed automatic turntable: 16½, 33½, 45, and 78 RPM—Pushbutton controls: stop/reject, 7", 10", 12". Papst hysteresis motor. Dynamically balanced tone arm with vernier counterweight permits tracking to below 1 gram. Precise Cueing device. Built-in anti-skating compensation. Stylus overhang adjustment. Heavy 12" dynamically balanced turntable. Size 14½/wilz1½/w"): requires 5½" above plate/3¾/" below. 110V 60 cycle AC. Imported, Less base.

Shpg, wt., 18 lbs. 21 R 16358WX 50H Less Cartridge Net 175.00 Model 50H plus Lafayette/Pickering Phase 44 21 R 90692WXM Shog, wt., 2442 lbs. Net 180.00 Accessories for 50H

21 R 16580W WB700 Walnut wood base, Wt. 5 lbs...... 21 R 16598W DCP-7 Dust cover, Wt., 2 lbs......

Benjamin/Miracord 770H 4-Speed Automatic Stereo Turntable



Net

Less Cartridge and Base

Lafayette/Pickering Phase 44 Elliptical Cartridge, Less Base

Lafayette/Pickering Phase 44 Elliptical Cartridge, 449

When You Buy a Lafayette/Pickering Phase 44 Elliptical Cartridge with the 770H.

Miracord finest stereo Automatic Turntable. Pushbutton operation. Miracord finest stereo Automatic Jurntable. Pushbutton operation. Exclusive features: Built-in illuminated strobe, Digital stroboscopic read out of 33½ and 45 RPM speeds, ionic elapsed-time stylus wear timer. Variable speed — plus or minus 3%. Papst hysteresis motor, precision cueing, anti-skating, dynamically balanced tone arm. Gold anodized tirm. For 78. 45, 33, and 16 RPM records. Size: 14½Wxl2½"D, requires 5½" above, 3¾" below. 110V 60 cycles AC.

Imported, Less base. Shpg. wt., 18 lbs. 21 R 16531WX Net 225.00 Model 770H plus Lafayette/Pickering Phase 44 21 R 90684WXM Shpg. wt., 241/2 Jbs. Net 225.01

Accessories for 770H 21 R 16580W WB700 Walnut wood base, Wt. 5 lbs.... 21 R 16598W DCP-7 Dust cover, Wt., 2 lbs....

# Quality LAFAYETTE Record Changers at Popular Prices

Deluxe LAFAYETTE AC50B 4-Speed Automatic Pushbutton Stereo Record Changer

4-Speeds: 16, 33½, 45, 78 RPM

Pushbutton Operation for Automatic Play, Manual Play, Stop

Automatic Shut-Off After Last Record

A superb, 4-speed automatic record changer with professional single lever cueing. Handsomely styled and en-gineered to provide the highest standard gineered to provide the highest standard of performance and dependability, ideal for playing both stereo and monaural 12", 10", and 7" records, Can play up to 7 records automatically. Intermixes records of the same speed. Shuts off after last record has been played, Features oversized turntable with ribbed record mat; one-piece low mass cast aluminum tone arm. 4-nostling need selects slide. mat; one-piece low mass cast aluminum tone arm; 4-position speed selector slide switch; two spindles: one for manual play and a center drop for automatic play, Ali controls are always perfectly accessible even with 12" records on the turntable. Heavy duty, constant speed motor. Ceramic stereo turn over cartridge with diamond LP needle. Mainplate has beautiful leather-like finish with black rubber turntable mat and chrome trim. For 117 VAC. 60 Hz. Size: 13'/4WXI'D. Requires 3%, above and 3" below motor board. Imported. Shpg. wt., 7 lbs.

7 lbs.

Plastic Dust Cover. Shpg. wt., 1½ lbs. 24 R 09043W Net 4.50 45 RPM Spindle, Shpg. wt., 4 oz.

21 R 01699W ACCESSORIES FOR MODEL ACSOB Walnut Wood Base. Shpg. wt., 21/4 lbs. Net 4.95 Net 1.95 Replacement Stereo Cart, Wt., 3 oz.





# Model MC228 Features:

- · Perfect Companion For Shelf Component Systems
- Automatic or Manual Play at 16, 33½,
   45, 78 RPM
- Intermixes 10" and 12" Records Of The Same Speed
- Automatic Shut-off After Last Record



Diamond Needle

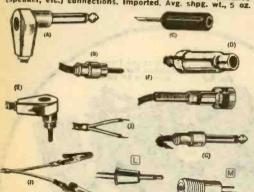
A versatile, dependable 4-speed automatic stereo record changer premounted on a simulated Black Leather base with wainut vinyl trim—completely ready to plug into your audio equipment. Especially suited for bookshelf width component systems and compact equipment installations. Features low-mass tone arm, high quality ceramic turnover stereo cartridge with diamond LP needle, detachable spindle, vibration-free dynamically batanced 2-pole motor. Handles stack of 6-records automatically or can be operated as a manual player. Also includes tinted plastic dust cover. UL listed AC cord, and all audio cables. Size includes Base 14-% x 5 x 10°. Shpg. wt., 10 lbs. For 110-130 wolts AC, 60 Hz. Made in England.

21 R 01772W No Money Down\* Net 34.95

45 RPM Spindle, Wt. 3 oz. 24 R 02568

Net 1.49

Lafayette Audio Cables and Adapters High quality extension cables "tailor made" for users of re-corders, hi-fi equipment, etc. All plugs molded directly to va-rious cable combinations. Shielded cable for high impedance (mike, etc.) connections; parallel wire for low impedance (speaker, etc.) connections. Imported. Avg. shgg. wt., 5 oz.



PIN TYPE PHONO PLUG (B) TO VARIOUS CONNECTIONS. All Cables shielded, Imported, Avg. Shpg. wt., 5 oz.

sherded, imported, Avg. Shpi	g. wt., 5 oz.	
Stock No. One Termination	Cable Length Other Termination	Net
99 R 00648 pin plug (B)	36 in. pin plug (B)	
99 R 00580 pin plue (B)	60 in. pln plug (B)	.75
99 R 00598 pin plug (R)	72 in. Straight phone plug (G)	.79
99 R 00655 pin plue (B)	48 in. Phono Jack (D)	1.10
99 R 00614 pin plug (B)	60 in. Phono Jack (D)	.98
99 R 00846 pin plug (B)	36 In. Stripped & tinned ends (J)	1.09
99 R 00853 pin plug (R)	48 in. Stripped & tinned ends (J)	.55
99 R 00861 pin plug (B)	bil in Stripped & tipped and its	90.00
99 R 00879 pin plug (B)	72 in. Stripped & tinned ends (J)	.70
	144 in. Stripped & tinned ends (J)	.75
99 P 01125 pin plug (B)	120 in. 90° pin plug (E)	
	INDE CONNECTIONS OF THE	1.10 eve;
99 R 00671 900 phone plue (A	70 to 01- 1 (0)	-
	) 72 in. Pin plug (B) 72 in. 90° pin plug (E)	1.10
The brong has been	72 In. Sur pin piug (E)	1.21
imported,	S CONNECTIONS. All cables shie	lded
99 R 01026 90° pin plug (E)	18 in. 90° pin plug (E)	.79
22 y 01001 200 blu biffs (F)	120 in. 90° pin plug (E)	1.10
99 R 01109 90° pln plug (E)	120 in. Phono Jack (D)	1.23
PHONE PLUG (G) TO VARIOUS (completely shielded. All cables	CONNECTIONS CON 167 diam of	eve;
99 R 00630 Phone plug (G)	72 in. Phone jack (C)	1.23
99 R 00754 Phone plug (G)	72 in. Mike connector (F)	1.99
	Table (1)	1.00

# MINATURE PHONE PLUG (L) TO VARIOUS TERMINATIONS

Shielded audio cables with molded miniature phone plug (1/6" diameter finger). For use with Sony, Concord, and most Japanese tape recorders and radios. Cables are 69" long. Imported. Shpg. wt., 6 oz. mini phone plug (L) 69 in, stripped & tinned ends (J) .69 99 8 10373 mini phone plug (L) 69 in. alligator clips (I) 99 R 10381 mini phone plug (L) 69 in. pin plug (B) .89 99 R 10399 mini phone plug (L) 69 in. phono jack (D) 1.09

99 R 10407 mini phone plug (L) 69 in. phone plug (G) 96 99 R 10415 mini phone plug (L) 69 in. phone jack (C) 1.09 99 R 10423 mini phone plug (L) 69 in. mini phone plug (L) .99 99 R 10431 mini phone plug (L) 69 in. mini phone jack (M) .99

Set of Four Coiled Cables

A set of 4 color coded shielded cables terminated at each end with phono plugs. 36" extended, retract to only 14". Plugs molded directly to cable. One each red, grey, yellow and green colored cable and phono plugs for easy installation and instant identification. Imported. Shpg. wt., 6 oz.

36" AUDIO COILED CABLES

4-WAY ADAPTER PLUG 4 Most Popular

Plugs A versatile 4-in-1 adapter plug for most popular tran-sistor radios and cassette type recorders. Has four difadapter

type recorders. Mas rour em-ferent terminations in par-allel compactly molded in a single housing; a 3.5mm miniature plug; 2.5mm subminiature plug; 3.5mm power jack and 2.5mm coaxial power plug. Imported.

99 # 61946 Shpg. wt., 4 oz.



(17) month pring coupler, accepts phono pring at each end.
32R \$5012 Shpg. Mt., 3 oz.
(\$) 2-conductor phone jack input to phono plug output.
99 R \$62309 Shpg. Mt., 3 oz.
(1) Phono jack input to standard 2-conductor phone plug output. Not 40

Net .79 99 R 62168 Shpg, wt., 3 oz.

99 h 62165 Shpp. wt., 3 oz. Net .05
(V) Phono jack input to a mini-plug (1/2" dla. finger) output.
99 R 63448 Shpp. wt., 3 oz. Net .83
(V) 2-conductor mini-jack (1/2" dia. sleeve) input to phono plug Net .B3 output, 99 R 63455 Shpg. wt., 3 oz. (W) 2-conductor mini-jack (Va" dia. sleeve) input to standard 2-con-

ductor phone plug output. ductor phone plug output.

99 R 63463 Shge, wt., 3 oz.
(X) 2-conductor subminiature lack (3½" dia. sleeve) input to mini-plug (1½" dia. finger) output.

Net .79

(½" dia. finger) output.
99 R 63471 Shgs. wt., 3 oz.
(Y) 2-conductor standard phone jack input to 2-conductor subminlature plug (½" dia. finger) output.
99 R 63489 Shgs. wt., 3 oz.
Net .79

# D.I.N. ADAPTER CABLES FOR EUROPEAN RECORDERS



Adapts European 3 contact (180°) and 5 contact (180°) DIN connectors to mate with standard domestic RCA type phono jacks and plugs. For use with Ampex, Norelco, Grundig, Korting, Uher SONY, and other cassette or tape recorders, radios, phonos, amplifiers etc. All phono plugs and jacks are color coded. 69° shielded cables, Imparted Show M. 6° contact the contact of ported. Shpg. wt., 6 oz.

(M) 5-pin adapter connects to 4 RCA-type color coded phono plugs 99 R 63539 Net 1.99 (0) 5-pin adapter connects to 4 RCA-type color coded phono jacks 7 Spin adapter connects to 2 RCA-type color coded phono plugs R 63554 Net 2.49 99 R 63554

(9) 3-pin adapter connects to 2 RCA-type color coded phono plugs 99 R 63562 Net 2.10 (R) 3-pin adapter connects to 2 RCA-type color coded phono jacks Net 1 95



Kit contains: 2 phono plugs with 69" connecting cable; phono plug connected to 2 alligator clips by 4" cable, coupler with phono jack and phone jack; phone plug output with phono jack input. All connecting cables are shielded and insulated. Ideal for connecting tapes corder to phonograph, radio or TV, or tuner to amplifier. Imported. 99 R 01356 Shpg. wt., 6 oz.

STEREO AUDIO CABLES

Two shielded insulated cables, (of different color tones, for easy identification of channels) inside a common chrome grey plastic jacket, providing two completely isolated channels. Avg. shpg. wt., 8 oz. Imported. Type

Length 99 R 01133 Phono pin 1.49 99 R 01158 10 all ends.

Depend on Lafayette For Complete Stocks, Lowest Prices, Fastest Service

# Switchcraft Complete Cable Assemblies For Hi-Fi and P.A.

High quality extension cables "tallor made" for users of recorders, hi-fi equipment, etc. All plugs molded directly to various cable combinations with grey plastic handle; built-in

electrical shield and cable clamp. Chrome grey shielded cable for high impedance (mike, etc.) connections; chrome grey parallel wire for low impedance (speaker, etc.) connections.



PHONE PLUG (A) TO VARIOUS CONNECTIONS, Std.
'4" dia. sieeve; completely shielded. All cables shielded except'
unshielded parallel cable. Avg., shpg. wt., 6 oz.

RCA TYPE PHONO PLUG TO VARIOUS CONNECTIONS All Cables shielded except" unshielded parallel cable. Wt. 6 oz.

Stock No.	One Termination	Cable Length Other Termination	Net	Stock No.	One Termination	Cable Length	Other Termination	Het
24 R 88013 24 R 88021 24 R 88039 24 R 88037 24 R 88031 24 R 88062 24 R 88070 24 R 880964 24 R 880964 24 R 881124 24 R 881124 24 R 88708*	90° phone plug (A)	72 in, 90° phone plug (A) 120 in, 90° phone plug (A) 25 ft, 90° phone plug (A) 120 in, Phone jack (C) 120 in, 90° Pin plug (E) 120 in, Strip, tin, ends (J) 72 in, Spade lugs (H) 120 in, Spade lugs (H) 72 in, Alligator Clips (I).	2.01 2.70 3.54 2.10 2.01 2.70 3.54 2.10 1.47 1.14 1.53 1.47	24 R 88724 24 R 88740 24 R 88781 24 R 88369 24 R 88367 24 R 88807 24 R 88807 24 R 88807 24 R 88401 24 R 88441 24 R 884427 24 R 88443	* 90° Pin plug (E)  * 90° Pin plug (E)  Pin plug (B)  Pin plug (B)  Pin plug (B)  * Pin plug (B)  * Pin plug (B)	72 in. 72 in. 72 in. 120 in. 120 in. 72 in. 72 in. 72 in. 72 in. 72 in. 120 in.	90° Pin plug (E) 90° Pin plug (E) Phono jack (D) Stripped, tin ends (L) Spade lugs (H) Alligator clips (I) Phone jack (C) 90° Pin plug (E) Mike Connector (F) Spade lugs (H) Spade lugs (H) Alligator clips (I)	.93 1.14 1.38 J) .72 1.14 1.74 1.53 1.14 3.54 .78 1.14

222

### PHONE PLUG (G) TO VARIOUS CONNECTIONS

24 R 24 R 24 R	88849 88237 88245 88856 88260	Phone plug (G)	72 in. Phono jack (D) 72 in. Phone plug (G) 120 in. Phone plug (G) 120 in. Mike Connector (F) 25 ft. Mike Connector (F)	1,68 2.01 2.70 2.70 3.54
24 R 24 R 24 R	88294 88394 88302 88310* 88328* 88336*	Phone plug (G)	120 In. 90° Phone plug (A) 72 In. 90° Pin plug (E) 120 In. 90° Pin plug (E) 72 In. Spade lugs (H) 120 In. Spade lugs (H)	2.70 1.53 2.10 1.14 1.53
	88344*	Phone plug (G)	72 in. Alligator clips (I)	1.47

### MISCELLANEOUS CABLES



### STEREO ADAPTER CABLE

Two standard, color coded, molded phono plugs wired to a 3-conductor molded extension phone lack, Ideal for adapting 3-circuit stereo phone plugs, as used on microphones and headsets, to 2- separate phono jack inputs. Completely shielded 4' grey stereo cable. 24 R 88898 Shog. wt. Net 2 73

#336A #338A #345A #349A #364A #365 #370 8374 #383 # BRA #386 #387 SWITCHCRAFT ADAPTERS - Shielded plug adapters for mikes & Hi-Fi cables, Avg. Shpg. wt., 4 oz.

332A 2 cond. phone jack input to female mike output. Coupling ring back converts mike conn. to male type. 24 R 88559 Net 1.26 334A-Phono jack input to female mike connector output 24 R 88567 Net 1.05 336A-2 cond. phone jack input to phone plug output. 24 P 88582 Net 1.26 338A-Phono plug at one end with male mike

connector at other end, 24 R 88591 Net At 345A-2 cond. phone plug output with phono jack Input 24 R 88625 Net .93 349A—Phono plug coupler—with phono jack 24 R 88641 Net 78 364A-2-Conductor tini-jack 34" dia, sleeve to 2-conductor standard 1/4" plug-Net 1 11

365-2-Conductor tini-jack %4" dia, sleeve to phono plug output. 24 R 88914 Net 1.11 370—Phono jack input to a 2-conductor tini-

dia, finger) output. 24 R 88922 Net .87 374—2-Conductor phone jack input to a 2 conductor tini-plug (%4" dia, finger) output. 24 R 88930 Net 1.26 383—3 contact female mike input to a 2cond. phono jack output. 24 R 88948 Net 2 91

384-3 pin male mike input to a 2-cond. phone jack output. 24 R 88955 Net 2.61

386—3 contact female mike input to a stan-dard 2-cond, phone plug output. 24 R 88963

387-3 pin male mike input to a standard 2-cond, phone plug output. 24 R 88971 Net 2.52

### COILED CORD AUDIO CABLE ASSEMBLIES

California college appropriation

### Extends to 66 Inches, Retracts to 8 Inches.

Stretch cable permits neat interconnections without tangle, drape or droop. Durable, shielded coiled cord. Available with RCA type phono plug, alligator clips and stripped and tinned terminations. Shpg. wt., 4 oz.

RCA type phono plug at each end. 24 R 34025 Net RCA type phono plug at one end, alligator clips color coded red and black at other end, 24 R 34033 Net

RCA type phono plug at one end, stripped and tinned leads at other end. 24 R 34017

For converting Stereo Player to Monaurai. Can be used for a Tap-in-Meter Monitor connection, Also required on some Tape Recorders, Imported, Shpg. wt., 3 oz. (L) Phono Plug connected to 2 Phono Jacks by 4" shielded cable. 99 R 00937

Net .89 (M) Phono Jack connected to 2 Phono Plugs, 99 R 00945 Net .89 (N) 3 Phono Plugs connected together by 4" shielded cable. 99 R 00952 Net .89



FLEXIBLE Y CONNECTORS AND SHIELDED Y ADAPTERS



Completely shielded Y-Adapters with choice of connectors and terminations. Imported. Avg. shpg. wt., 3 oz.

(0) Two phono jacks connectors in parallel a standard 2-conductor phone plug 99 R 00895 Net 1.09

(P) Two phono jacks connectors in paramel to a standard phono plug. 99 R 00903 93

# **Phono And Hi-Fi Installation Accessories**

STEREO VU BALANCE METER

- Two Meters in One
- Balances Stereo Systems



Ends the problem of balancing your stereo system. Two precisely damped loudness meters provide a continuous comparison of speaker levels. Scales calibrated in "Yolume Units" and percent. 1.2 voits levels, Scales calibrated in "Volume Units" and percent, 1,2 volts input sensitivity for 0 VU or 100 percent indication. The special calibrating switch and 20 db attenuation controls permit exact matching of channels. Greater than 8,000 ohm impedance permits connecting to output circuits without loading. The entire unit is housed in an attractive plastic case 6"Wx344"Hx2%"D. Imported. 99 R 50387 Shog, wt., 134 lbs. Net 12.95

### LONG LIFE HI-FI BLOWER

 Motor Shunt Varies Both Volume of Air Moved and Noise level

A venturl fan for use with hi-fi. TV, Ham radio and other electronic installa-tions, to ventilate equip-ment and give maximum



Net 10.50

ife and best performance. With shunt delivers 50CFM at low noise level, shunt removal delivers 75 CFM with slight increase in noise level. Front and back grilles. Permanently lubricated. Rated 115VAC, 60 Mz. Size: 5½x8x2½%." Complete with grill bracket, mounting hard ware and instruction sheet.

24 R 39016 Shpg. wt., 21/2 lbs.

CIMC HI-FI BOXER FAN

 Ideal For Cooling TV And Hi-Fi Fauinment

Super Silent, Compact

Sturdy Metal

Construction



Exceptionally low-noise fan for cooling hi-fi equipment. Slow rotating 5-blade impeller delivers 50 cfm, enough air to exhaust the average enclosure 10 to 30 times per minute, to minimize thermal drift and increase equipment life. Airflow is reversible. Has heavy non-warp all metal frame and motor mounting acts as an efficient heat sink, adding life to motor and bearing. Pre-lubricated for years of maintenance-free operation. Only 411/4" square by 11/2" deep, fits any cabinet. Easy to install. Comes with complete mounting kit including special heavy duty brackets for mounting versatility, hardware, grommets, shock-absorbing spring mounting pad, AC, power cord and clip on plug, template and instruction sheet. Rated 115 VAC, SO HZ.

24 R 43018 Shpg. wt., 21/4 lbs.

Net 14 85

# BALL BEARING HEAVY DUTY SLIDES

Drawer slides made of 16 gauge steel, Supports 50 lbs. Ball bearing. double-extension type, drawer slides Length 15", travel length 11", extended 22". Shpg. wt., 2 lbs.
20 R 52017

per pair Net 2.19

SHORT TYPE. Same construction as above but 13" long; travels 9"; extends to 18". Shpg. wt., 2 lbs. per pair Net 1.99

LEVEL AND LEVELING

SCREWS

Permits Accurate Turntable Leveling

For stereo and mono Hi-Fi systems, Prevents unnecessary needle and record groove wear.

unnecessary needle and record groove wear. Precision, circular bubble type level indica-tor for accurate turntable leveling. Circular 4-way spirlt level mounts to top deck of turntable. Four adjustable leveling screws and T nuts. Provides quick, easy adjustment.

24 R 80341 Shpg. wt., 4 oz. Net 3.10



· 1 Inch Thick

As

**FIBERGLASS** 

INSULATION

Excellent sound absorbing material. For lining interiors of speaker cabinets, consoles, phonos, TV's, etc. Damps medium and high frequency reverberation and distortion. Suitable for many other installation purposes, 9 sq. ft. 1" thick with glue and applicator, 20 R 15014 Shpg. wt., 1½ lbs. ... Net 1.75 DELUXE BASS REFLEX KIT; Same as above but contains 20 square ft. 16" x 16' x 1" thickness fiberglass, Shpg. wt., 2½ lbs.

# LAFAYETTE HI-FI TEST RECORD

 For Both Stereo And Monaural



This two sided 12" LP record uses easy to make tests to check the performance of stereo and monaural high fidelity equipment. Simple narrative and complete instructions enable you to check frequency response, level balance, channel identification and separation, hum, rumble, and other characteristics of your hi-fi system.

24 R 45070 Shog, wt., 1 lb. Net 2.95

# Decorative Grille Cloth















Choice selection of latest patterns and beautiful decorator colors. Made of finest quality vinyl plastic, woven with proper mesh for passage of high frequencies as well as low. Shpg. wt., (36" x 36") 144 lbs. (18" x 24") 8 oz. 36 x 36 18 x24

Description	For Use With Fig	Stock No.	Net	Stock No.	Net			
Natural linen with random fleck	Walnut, Mahog., Ebony, Blonde A	20 R 12532	3.50	20 R 12540	1.95			
Dark linen and gold flecks	Walnut, Blonde	20 R 12557	3.50	20 R 12565	1.95			
Random silver metallic	Ebony, light colors	20 R 12417	3.50	20 R 12425	1.95			
Mahogany waffle weave with ivory threads	Mahogany, BlondeB	20 R 12029	3.95	20 R 12037	2:10			
Solid black waffle with interwoven black fuster	Walnut, Ebony, Blonde	20 R 12573	3.95	20 R 12581	2.10			
Beige waffle weave with walnut threads	Walnut, Fruitwood, MahogD	20 R 12391	3.95	20 R 12409	2.10			
Fine gold mesh	Walnut, Ebony, Blonde	20 R 12128	3.95	20 R 12201	2.10			
Raised Walnut gimp on gold ground	Walnut, Ebony, BlondeF	20 R 12599	3.95	20 R 12607	2.10			
Silver metallic waffle with blue and black threads				20 R 12623				
Black ground with Metallic gold scroll	Walnut, Ebony, BlondeE	20 R 12136	4.75					
Blended walnut diamond with random rust threads	Walnut, Ebony, FruitwoodF	20 R 12433	4.75	20 R 12441	2.50			
DELUXE CANE GRILLE CLOTH								
Interwoven natural cane				20 R 12243				
Raise hexagon walnut cane on black ground					2.10			
Interwoven walnut box on black and rust ground				20 R 12508				
Woven wood effect on black ground	. Walnut, Ebony, Blonde	20 R 12656	4.75	20 R 12664	2.50			

# Specialty Phonographs

# LAFAYETTE 4-SPEED SOLID-STATE PHONOGRAPH With Built-in Color Lights

 Beautiful Color Lights Are Activated When Record Is Playing

• 3x5" Front Mount Speaker

Become the center of attraction, the hit of the party with your psychedelic phonograph, Beautiful array of color lights are activated when a record is playing, Large, 3x5" front mounted speaker provides fine tonal quality. Plays all size monaural and stereo records at 1647, 3314, 25 and 78 RPM. A single lever selects any speed, 2 controls; On-Off/Yolume (light intensity) and tone, Built-in 45 RPM adapter disc. Dual turnover cartridge with 2 synthetic sapphire needles. Case colors; bottom section—psychedelic blue, white, and orange; top section—blue; white portable carrying strap. Size 124/2W877/kHxll\*O. Shpg. wt., 834 lbs.

Net 29.95 Become the center of attraction, the hit of the party with

Net 29.95



# LAFAYETTE 4-SPEED MANUAL PHONO

24 R 02915W

- Instant-On Solid State Circuitry
- · 4-Speeds: 163, 331/4. 45. 78 RPM
- · Built-In 45 RPM **Record Adapter**



Ideal phono for the youngster in your family. Plays up to 12" mon-aural and stereo records at 1675, 3314, 45 or 78 RPM. A single lever selects any speed. "Feather-light" retractable tone arm is equipped with a single crystal cartridge. Volume control with on-off switch. Built-in 45 RPM record adapter. Fine quality 4" speaker. Attractive blue and white leatherette covered case. For 110-120 Yorts, 60 Hz. Size: 12Wx936Dx5"H. Shpg. wt.,534 lbs.

Net 14.95

# NEW Panasonic SG-675 4-Speed Stereo Phono with AM/FM Radio Speeds 16¾, 33½, 45, & 78 RPM

Solid-State Circuitry Operates on batteries or household 117VAC to insure complete portoperates on patternes or nousehold ITVAL to Insure complete portability. Features 4-speed turntable with custom ceramic cartridge and automatic shut-off. Twin 4" speakers deliver full-range sound. Tone control and dual volume controls. Sensitive FM/AM Radio. Built-in Antennas. Size: 17-4x x 6 x 1276". Imported.

24 R 41251W Shpg. wt., 15 lbs. No Money Down\* 99 R 62564 Extra "D" Batteries (6 reg.) Net ea.

# **NEW Panasonic AC/Battery Portable Phonographs**

SG-336 With Batteries

SG-356 with AM Radio with Batteries

SG-376 Phono with AM No FM Radio Money with Batteries

Convenient and dependable solid-state Panasonic phonographs operate on batteries or 117 VAC to insure complete portability, Plays 33½ and 45 RPM records, includes ceramic cartridge with synthetic sapphire stylus. 3" dynamic speaker for fine tonal quality, Earphone or external speaker jack, Operates on 4 "D" batteries (included) or 117 VAC, Convenient carrying handle, Radio models \$C.356 and \$G. 376 come with built-in antennas, Imported, Size: (all) 3½Mx10¾W 19%,"D.

Stock No. Medel No. Shog, Wt. Net Ea. 24 R 41228W SG-335 Phono 24 R 41236W SG-356 Phono w/built-in AM Radio 24 R 41244W SG-376 Phono w/built-in AM/FM Radio 342 lbs. 19.95 4 lbs. 29.95 41/2 lbs. 39.95

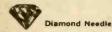
Extra "D" batteries for above phonographs—4 required.

\*See Page 22 for Full Credit Details on Easy Pay Plan



Instant-On

NEW 9995





# **OUR BEST**

**DELUXE MODEL TPS35** 4-Speed Solid-State Stereo Phonograph with Detachable Speaker Enclosures

 Garrard 4-Speed Automatic Changer · Solid-State Stereo Amplifier with 8 Transistors, 2 Diodes, and

2 Silicone Rectifiers

• 4 Speakers: Two 8" Heavy-Duty Woofers Two 31/4" Tweeters Provide **Magnificent Tone** 

 Stereo Headphone Jack plus 4 Controls: Loudness, Balance, Bass, Treble

Each detachable speaker enclosure with 6 ft. extension cord, contains a heavy-duty 8" woofer and a 3½" tweeter for magnificent hi-fi sound reproduction. Powerful 10-watt solid-state stereo amplifier features a stereo headphone jack for private listening plus 4 controls Loudness, Balance, Bass, Treble, Quality Garrard 4-speed automatic record changer plays all record sizes and speeds—7". 10" and 12" records at 16½, 33½, 45, and 78 RPM intermixes all size records of the same speed, Changer automatically shuts off after last record has been played and is equipped with a stereo turnover cartridge with diamond needle. Decorator designed wood cabinet is covered with simulated wainut and black washe able vinyl material. Size 21¼ x 12½ x 14¾". For 110-120 VAC 60 Hz. Shpg. wt., 33½ lbs. Net 99.25 4 R 03434 Replacement Diamond Needle for TPS35

24 R 02543 Replacement Diamond Needle for TPS35 24 R 02170 45 RPM Spindle for TPS35

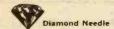


Made in USA

# MODEL TPS30 4 Speed Solid-State Stereo Phonograph

- Garrard 4-Speed Automatic Record Changer
- Each Detachable Speaker Contains a Wide-Range High Compliance 4" Air Suspension Speaker
- · Front Panel Stereo Headphone Jack
- Solid-State Stereo Amplifier with 6 Sillcon Transistors and 3 Diodes

# NEW 6495



Convenient size lets you take this phonograph anywhere you like. Two detachable acoustically matched 4" speakers can be separated up to 12 ft. for magnificent full dimensional sound. Garrard changer plays all size records at 1645, 3315, 45 and 78 RPM. Intermixes 12" and 10" records of the same size. Instant-on solid-state stereo amplifier has outrols, volume left, volume right, and tone. Phono turns off after last record has been played. Equipped with stereo turnover cartridge with diamond LP needle, Size 23W x 742D x 1342"H, For 11746 60 Hz. Shg. wt., 24 lbs.

24 R 03442 No Money Down\*

Net 64.95

24 R 02543 Replacement Diamond Needle for TPS30 24 R 02170 45 RPM Spindle for TPS30

Net 2.79 Net 3.80

# Deluxe 4-Speed Manual Phonograph

- Speaker Front-Mounted for Full-Tone Sound Dispersion
- Front Mounted Controls for Convenience Built-in 45 RPM Adapter Disc
- Instantaneous ON Solid-State Circuitry



# KLH, Mastertone, and Lafayette Music Systems



# NEW Mastertone SV-17 W Solid-State 3-Piece AM/FM Stereo Consolette



No Money Down\* Ultra-modern AM/FM Stereo Phono System—it's a console stereo—it's a bookshell stereo—it's a 3-piece modular consolette. Both the speakers and stand are detachable. Can even be used as a room divider. Both front and back are finished in scuff-resistant vinyl walnut. Full hinged blue plexi-glass dust cover. Ebony-finished speakers have midnight blue grille cloths. Powerful solid-state AM/FM Stereo Receiver features FM Stereo Indicator Light, separate balance and tone controls, AFC on FM to prevent drift, and built-in AM and FM Antennas. Each speaker enclosure contains an acoustically matched high compliance wide-range duocone speaker with mechanical crossover network for superb sound reproduction. Famous BSR 4-speed Automatic Record Changer plays 12°, 10°, and 7° records at 1674, 3314, 45, and 78 typm. Tubular tone arm contains turnover stereo cartridge. Size with speakers and stand: 24%H x 43½L x 17°D. For 117 VAC, 60 Hz. 24 R 62000WX Shpg. wt., 55 lbs. Net 199.95

# KLH Model 24 Solid State **FM Stereo Music System**

35 Watt (IMF) system provides superb FM stereo listening plus quality phone sound reproduction. Control center has a sensitive FM stereo tuner with vernier tuning, zero tuning meter and stereo indicator, Carrard 4-speed automatic turntable uses a Pickering V15 cartridge with diamond stylus. Speakers have 8" acoustic suspension woofers and 2" wide dispersion tweeters. Other features include tape and headphone outputs, auxiliary inputs, and deluxe oiled wahnut cabinetry. Dim: Control Center, 18W x 4M x 14"D.; Speakers, 18W x 101/4H x 7½"D. 1bs. Net... 279.95 Model 24 with AM: Same components as above but with high performance AM circultry. For 110-120V, 60 Hz AC. Shpg. wt., 58½ lbs.

AC. Shpg. wt., 581/2 lbs. 24 R 44180WX

Net 309.95

# Model 20 Solid State **FM Stereo Music Center**

Stylish 50 watt (IHF) music system integrates a FM Stylish 50 watt (IHF) music system integrates a FM stereo tuner, preamp, and power amplifier into one convenient control center, includes Garrard 4-speed automatic turntable and two walnut finished speaker systems with 10" acoustic suspension woofers and 14/" tweeters, incorporates tape and headphone outputs, auxiliary inputs, zero tuning meter, and FM stereo indicator, Dim: Control Center, 1814/W x 83-6H x 14"D; Speakers, 113-4W x 23-4x x 9"D. For 110-120V, 60 Hz AC.

60 Rt AC. 24 R 44032WX Shpg. wt., 85 lbs. Net 349.95 KLH Model 20 With AM: Same components as above but with high performance AM circuitry. Shpg. wt., 87½ lbs. 24 R 44172WX Net 379.95

Dust Covers For Model 20 and 24 24 R 44115W Lift Type. Wt., 81/2 lbs. ... Net 29.95 24 R 44123W Hinge Type, Wt., 33/4 lbs. Net 9.95

Lafayette LSC-888B 3-Piece Stereo Phonograph and 8-Track Tape System



- Garrard 4-Speed Automatic Record Changer with Cueing
- 20-Watt Solid-State Stereo Amplifier
- Each Speaker Enclosure Contains an 8" Woofer and a 4" Tweeter

Deluxe 3-Piece Stereo Music System plays both stereo records and 8-Track Stereo Tape Cartridges. Professional 4-speed Garrard Changer has tubular tone arm, cueing, and diamond stylus. 8-Track Stereo Cartridge Tape Player features Illuminated track indicators and a pushbutton channet selector, includes 45 rpm spindle. Size: Control Center: 23½ x 4H x 14"D. Speakers: 15H x 10W x 4%"D. For 110-120 VAC, 60 Mr. Shpg. wt. 49¼ lbs.

24 R 03343WX Net 129.95

# DELLI SONY HP 149

# 3-Piece AM/FM Stereo Cassette-Phono System

Handsomely styled with a quality AM/FM Stereo Receiver, BSR 4-speed mini-automatic record changer, pushbutton stereo cassette recorder, and changer, pushbutton stereo cassette recorder, and 2 separate speaker enclosures—each containing a 6½" woofer and a 2" tweeter. Recorder features built-in cassette storage compartment and autobullt-in cassette storage compartment and automatic record level control. You can record direct from the record changer or AM/FM stereo tuner, or live with the optional stereo mike. Front pane stereo headphone jack. Comes with 45 RPM adapter, FM dipole antennas, and plastic dust cover. Size. each speaker 119xx119xx15x5x5x°D. Control Unit—8Hx2244Wx12"D, For 117 VAC, 60 Hz. Imported. 24 R 32003WX Shpg. wt., 32 ibs. Net 229.95 Stereo Microphone for HP 149, Shpg. wt., 1 ib. 24 R 32029 No Money Down. Net 21.95



# **NEW PANASONIC RS 257** Stereo Cassette Phono/Radio Home Entertainment Center

Everything in one beautifully designed package. Stereo Cassette Recorder features pushbutton con-trols, slide-in cassette system, and end of tape shut-off, 4-speed stereo record changer has Panashut-off, 4-speed stereo record changer has Panasonic whisper-touch cartridge, tubular tone arm, and diamond LP stylus, FM/AM/FM stereo radio has AFC on FM, FET tuner, and black-out dial, Matching speaker enclosures each housing a 6½" wooter and 2½" tweeter. Slidelever bass, treble, volume and balance controls. Solid-state circuitry, Jacks for microphone, aux, input and headphones. With cassette storage compartment, changer dust cover. pre-recorded cassette and microphone with stand. Walnut wood cabinetry. For 117 VAC, 60 Hz. Shpg. wt., 48 lbs. Imported, Size: Control unit—10% x 211% x 14". Each Speaker System—14% x 16% x 514. 24 R 41285WX No Money Down\* Net 299.95



# DEW PANASONIC SC 8700 **AM/FM Stereo Music Center** with 4-Channel Amplifier

Exciting solid-state 4-channel quadrasonic—ready stereo music center, By just adding a 4-channel program source such as a 4-channel reel or cartridge deck, and two rear speakers (see listing below), you can listen to discrete 4-channel stereo music in your home. The receiver can also be operated to provide separate simultaneous stereo programs for 2 areas of your home. C-8700 features: (1) pre-mounted 4-speed Garrard automatic turntable equipped with a Pickering diamond stylus magnetic cartridge, and dust cover, (2) full Feature 60 watt (IHF) AM/FM stereo Receiver with 4 ampliffers, (3) two matching acoustic suspension speaker systems, each containing an 8" woofer, 5" mid-range, and 2" tweeter. Walnut wood cabinetry. Size: Receiver —5% x 17% x 14%; Each Speaker—21%, x 13%, x 71%; Changer—8%, x 17% x 15½; For 117 VaC, 60 Hz. Imported. 24 R 41277WX Shpg. wt., 75 lbs. Net 429.95 PAIR OF SB-170 SPEAKERS FOR 4 CHANNEL SYSTEM. Exciting solid-state 4-channel quadrasonic-ready stereo music

Same specifications as SC 8700's speaker system 24 R 41269WX Shpg. wt., 30 lbs.

Net 99.95



See Page 22 for Full Credit Details on Easy Pay Plan

# **NEW! Deluxe Lafayette LSC-55**



- Deluxe Full Size BSR 4-Speed Automatic Record Changer Features Cueing Lever, and Anti-Skating
- · Front Panel Stereo Headphone Jack
- · Aux, inputs Jacks For Plugging-in a Stereo FM Tuner or Tape Player
- Solid-State Stereo Amplifer has 4 Controls—Volume. Balance, Bass, Treble
- · Walnut Wood Cabinetry

Our Beautiful 3-piece stereo compact phono system provides superb hl-fi music reproduction at a modest cost. Has many features usually found on higher price component systems. Famous full size BSR 4-speed record changer with cueing control plays 7", 10", and 12" records at 164%, 3314, 45, and 78 RPM. Tubular tone arm has stereo turnover cartridge with diamond LP meedle. System turns off after the last becord has been played. Input jacks are provided on the rear panel for plugging in an FM Stereo Tuner or Tape Player. Powerful solid-state stereo amplifier has a stereo headphone jack for private listening. Acoustically matched pair of 8" wide-range speakers are housed in walnut wood cabinets. Each Spk. System measures 13%H X = 5%W X 5540". Size of Control Unit: 16%D X 3%H X 134%D". For 117 "VAC, 60 Hz. Comes with plastic dust cover and 45 RPM Spindle. Imported. Shg. wt., 36 lbs.

24 R 03400WX No Money Down Not 3 oz. hl-fi music reproduction at a modest cost. Has many features usually

Replacement Needle for LSC-55 Shpg. wt., 3 oz. 24 R 02980

Net 2.79

Lafayette LSC-25 Solid State 3-Piece Stereo Modular Hi-Fi **Phono System** 

- . Two 4" Wide-Range Acoustically Matched Speaker Systems
- . Ultra-Modern Low Profile Styling
- Stereo Headphone Jack for Private Listening
- . Famous BSR 4-speed Automatic "Mini" Record Changer





Component inspired design. Now a stereo hi-fidelity phonograph with the advantages of separate components. Our handsome 3-piece moduthe advantages of separate components, Our handsome 3-piece modular hi-fi phono system features a control unit containing a reliable solid-state stereo amplifier and a BSR 4 speed automatic "minichanger" mounted in a simulated black leather high-impact plastic base with walnut vinyl trim. Each matching speaker system can be ideally spaced for proper stereo separation. They can be placed on a bookshelf, hung on a wall, or set on end-tables. The amplifier has a stereo headphone jack for private listening and 3 controls: volume left, volume right and tone. BSR 4-speed automatic "mini-changer" features automatic shutoff after last record has been played. Plays all size records—7", 10", 12" and all speeds—1623, 3343, 45, and 78 RPM. Intermixes 12" and 10" records of the same speed. Tone arm is equipped with a stereo turnover cartridge with a diamond LP needle. Includes a tinted plastic dust cover for the control unit. Size: Control Unit—1014W x 161/2L x 61/2"H; Speaker—73/8W x 91/2L x 4"D. For 110 VAC, 60 Hz. Shpg. wt 131/2 lbs. 24 R 03236WX No Money Down\* Needle Sterey Needle for LSC-25. Wh. 2 a x

Replacement Needle for LSC-25. Wt., 3 oz. 24 R 02386 24 R 02568 45 RPM Spindle for LSC-25

See Page 22 for Full Credit Details on Easy Pay Plan



- Garrard 4-Speed Automatic Record Changer with Cueing
- Powerful Solid State Stereo Amplifier
- Electronic FM Stereo Indicator Light
- Stereo Headphone Jack for Private Listening

Our finest stereo phonograph with built-in stereo FM/AM radio is fully solid-state and features magnificent ultra-modern styling. The control center's stereo amplifier provides 20-watts Music Power and has provisions for tape Input and output, gultar mike Input, and stereo headphone. Also includes AC convenience outlet on rear panel. Features remote speaker output jack for hooking up an additional pair of speakers for another room. Tunes in regular FM & AM radio and receives full-dimensioned stereo FM broadcasts. Built in AM/FM antennas. Provision for attaching external FM antenna. Calibrated slide rule tuning. AFC switch for drift-free FM reception. Garrard 2025 4-speed automatic stereo record changer with cueing lever plays 7", 10" and 12" records at 16-3, 33-3, 45, and 78 rpm. Operates automatically or manually. Shuts off both changer and

- Each Speaker Contains an 8" Woofer and 4" Speaker
- Guitar Microphone Input Jack
- Tape Input and Output Jacks
- Main and Remote Speaker Jacks

amplifier automatically after last record. Features tubular tone arm with Vaco TN-4 stereo turnover cartridge with diamond LP needle. Each 2-way speaker system contains an 8" woofer and 4" tweeter for brilliant concert hall realism. You also get a handsome tinted plastic dust cover for the compete control unit, speaker hook-up cable and a 45 rpm spindle. The components are mounted in beautiful walnut vinyl veneer covered wood cablests. Size: Control unit 23%W x 14D x 104%"H with dust cover). Includes tintec plastic dust cover and 45 RPM spindle. Speaker Encl.: 15%H x 101/4W x 45%"D. For 110-120 VAC, 50 Hz. Sppg. wt. 45 lbs.

24 R 03251WX No Money Down\*\*

Net 149.95

24 R 03202 Replacement needle for LSC-100B .... Net 2.79



Highly styled compact AM-FM music system at a low, low Lafayette Price. BSR "mini" stereo record changer plays 12", 10", & 7" records at 1625" 33½, 45, and 78 RPM. Features precision-balanced turntable, low mass pick-up arm for accurate tracking and diamond LP stylus ceramic cartridge. Solid-state stereo amplifier has 5 controls—Volume Left. Volume Right, Bass-Treble, selector (Phono, FM, AM), Tuning. AM-FM Radio has slide-rule tuning dial, and built-in

AM & FM antenna. Black leatassette and walnut grained plastic cabinetry. Size Control unit 1634W x 978D x 642°H. Each speaker 738W x 942L x 4°D. For 117 VAC 60 Hz. With tinted plastic dust cover. Imperted. Shgs. wt., 14 lbs. 24 R 03426W No Money Down\*

Net 69.95 24 R 03426W No Money Down\*
24 R D236B Replacement Newdle. Wt., 3 oz.
Net 2.79 24 R D256B 45 RPM Spindle. Wt., 3 oz.
Net 1.49

See Page 22 for Full Credit Details on Easy Pay Plan

# LAFAYETTE'S BEST



The ultimate in a 3 piece Modular stereo phono system. Start with a handsome Control Center containing a powerful solid state 100 watt, AM/FM stereo Tuner/Amplifier. Add: (1) A famous Garrard 4-speed Automatic stereo record changer with cuelng control, (2) a deluxe 8-Track Stereo Cartridge Player. Take the two perfectly balanced full range 3-Speaker Acoustic Suspension Systems and plug them into the control center (cable included). You now have a magnificent performing system that permits you to enjoy the finest in hi-fidelity music listening. Specifications: Garrard changer: 4-speeds—16/2, 331/3, 45, 78 RPM Intermixes records of the same speed. Tone arm has turnover stereo ceramic cartridge with Dlamond LP needle. 8 Track Stereo Tape Cartridge Player: Individual Illuminated Track Indicators, Pushbutton Track Selector. Stereo Tuner Amplifier: Black-out calibrated tuning dial—Separate slide controls for Balance, Bass, Treble, and Volume. Rocker switches for 0n/0ff, Afro. Rumble Filter, Scratch Filter, and Loudness. Front panel gultar mike input jack. Tape input jacks; AC Convenience outlet. Each Acoustic Suspension Speaker System contains one 6½" woofer, and two 3½" tweeters. Beautiful walnut vinyl wood cabinetry, includes Plastic Dust Cover and 45 RPM Spindle. Slze: Control Center: 23½W x 9/4H x 15\*D. Ea. Speaker System: 1476H x 11½W x 6%\*D. For 10-120 VAC. 60 Hz. Shpg. wt., 63 lbs.

# NEW Deluxe Model LSC-8000B Solid State AM/FM Stereo 8-Track Phono System

- Slide Lever Controls for Balance, Bass, Treble and Volume
- . FM Stereo Indicator Light and Tuning Meter
- . Garrard 2025 4-Speed Automatic Record Changer with Cueing
- Power Output-100 Watts Music Power
- Stereo Headphone and Remote Speaker Outputs
- Individual Illuminated Track Indicator Lights

24 R 03418WX No Money Down - Net 229.95 24 R 03202 Replacement needle for LSC-8000B Net 2.79 NEW Model LSC-6000 Solid-State AM/FM Stereo 8-Track **Phono System** BSR 4-Speed Automatic

Record Changer with Cueing Control and Diamond Needle

· Powerful Solid-State Stereo Amplifier/Tuner features Separate Slide Controls for Balance, Bass, Treble

• 8-Track Stereo Tape Cartridge Player features Indivdual Channel Indicator Lights and Push-button Track Selector

· Each Air Suspension Speaker System Contains an 8" Woofer, 2" Tweeter, Crossover Network, and a Multicellular Horn Type Duct

Enjoy the sound and performance of 8-track stereo tape cartridges, records, and AM/FM stereo broadcasts from this "luxurious-low price" 3-piece phono system. The handsome wainut wood cabinetry with low silhouette styling will blend into any decor. The powerful solid-state AM/FM stereo timera-amplifier features a black-out tuning dial, FM-Stereo, indicator light, front panel stereo headphone jack, and a six position selector switch: AM, FM, FM-AFC, FM-Stereo, Phono/Aux, Tape. Bull-lin 8-track stereo tape cartridge player has color coded channel indicator lights, BSR 4-speed record changer plays 12", 10", and 7" records at 1624, 3319, 45, and 18 RPM—and contains many professional features such as anti-skating control.

See Page 22 for Full Credit Details on Easy Pay Plan

cueing lever, and tubular tone arm equipped with ceramic stereo turnover cartridge with dlamond LP stylus. Tape inputs and outputs are provided on the rear of the unit. Built-in AM and FM adtennas. Provision for external antenna. Size: Control Mint—17%, LX 14%, DX 9°H. Each Speaker—15%, HX 11W X 6½°D. Comes with Plastic Dust Cover, 45 RPM Spindle, and FM dipole Antenna. For 117VAC, 60 Hz, Imported. Shog. wt., 50 lbs. 24 R 03392WX No Money Down\*\*

Replacement Diamond Needle for LSC-6000. 24 R 02980

2.79



# NEW

SENSATIONALLY PRICED

**Features Separate Slide Controls** for Balance, Bass, & Treble

- · Front Panel Stereo Headphone Jack
- Pushbutton Track Selector
- FM Stereo Indicator Light
- . Black-Out Lighted Slide Rule Dial
- Inputs For Record Changer
- Tape Recorder Output Jacks

# Solid State 3 Piece AM/FM/FM Stereo 8-Track Playback System

- Each Speaker Enclosure Contains an Acoustically Matched Wide Range 61/2" Speaker
- Illuminated Track Indicator Lights

Exceptionally fine performing system you'll be proud, to own and delighted to listen to. Beautifully styled and engineered to sell at a price everyone can afford. Its two separate 6½" wide range speaker systems provide rich full frequency stereophonic sound. Enjoy the ease and pleasure of listening to pre-recorded 8-track stereo tape cartridges. Listen to magnificent FM stereo radio broadcasts as well as FM mono and AM programs. Black out and illuminated silder rule tuning dial. Illuminated FM stereo indicator. Six postition selector switch for AM, FM, FM-AFC, FM-MPX, Phono, Tape. Separate slide controls for balance, bass, and treble. Front panel stereo headphone jack for private listening. Built-in 8-Track cartridge player has a pushbutton channel selector and individual illuminated channel Indicators. Record changer input (ceramic) and tape record cutput Jacks. AC convenience jack on rear panel. Powerful 2 watt RMS solid state stereo amplifler. FM sensitivity: 5 mV. Stereo Separation: 30db. Walnut vinyl covered wood cabinetry. Size: Control Unit: 19-L x 4½"D. For 117VAC 60 hz. imported. Shpg. wt., 24 lbs.
17 R 01168WX No Money Down Net 99.95
Lafayette MC228 4 Speed Automatic Record Changer Ensemble. (See page 91 for complete description of MC22B.)

# LAFAYETTE 'Profile 80' Full Feature Solid-State AM/FM/FM Stereo 8-Track Player/Receiver



Magnificent performing sold-state home entertainment control center. Play brilliant 8-Track stereo tape cartridges without using an accessory tape deck. Rece ve AM, FM, and FM stereo radio broad-casts. Plug-in and play a record changer with a ceramic cartridge, or plug-in and play a cassette or reel-to-reel tape deck or recorder. In addition, tape recorder output jacks are available for taping all the music reproduced by "his fine receiver. Separate volume, balance, pass, and treble controls; individual switches for loudness, stereo/mono, hi-fifter, main or remote speaker. Built-In AM and FM antenna. Provisions for external FM antenna. Spill-proof mechanism

- Tape Recorder Output
- FM Stereo Indicator Light
- Pushbutton Track Selector
- Spill-Proof Capstan Mechanism
- Main and Remote Speaker Controls
- Individual Illuminated Track Indicator Lights

on the 8 Track Player stops the tape from wrapping around capstan. FM IHF Sensitivity:  $5\mu V_1$  Power Output: 18 waits music power. Tape Output: maximum 1 volt-average 300 $\mu$ V. Cartridge Player: S/N Ratio: better than 38 db; Wow and Flutter:less than 0.36%RMS. Housed in a handsome wainut and metal enclosure. AC convenience outlet, Size: 20½W x 4½H x 10¾"D, For 117V 60 Hz. AC. Imported. 99 R 0.2354W Shpg. wt., 24½ lbs. ... Net 129.95 Criterion 25A Speakers for 'Profile 80'. (See page 56 for 25A description) ..... Net 19.95 ea.

99 R 02255W Shpg. wt., 12 lbs.

# Deluxe LAFAYETTE RK-890A Solid-State Stereo 8-Track Cartridge Recorder/Player Tape Deck





Record 8-Track Cartridges Thru Your Stereo Amplifier Or Receiver, or Live with Mikes Using the RK-890A

### RECORD FEATURES

- · Stop after each Channel and Automatic Eject. or Stop after Channel 1 thru 4 and Eject
- · Sound with Sound Mixing
- Pushbutton Manual Eject
- Pushbutton Fast-Forward

Aux. Volume Controls

- Front Panel Left and Right Channel Microphone Input Jacks
- · Record Safety Interlock Button
- Illuminated Track Indicator Lights
- Dual Recording V# Level Meter
   Separate Dual Concentric Microphone and

# PLAYBACK FEATURES

- · Continuous and Rapeat Play
- Pre-Select and Pizy any 1 Channel and Stop and Automatic Eject
- Pushbutton Track Selector
- Illuminated Track Indicator Lights
- Pushbutton Fast Forward
- Pushbutton Manual Eject

### **EXCLUSIVE FEATURES**

- Automatic Cartridge Ejector—Insures you do not damage the tape head and your cartridge
- · Specially Designed Built-In Lafayette Solid-State Stereo Record/Playback Pre-Amplifiers

Even better than our widely acclaimed RK-890, The Improved RK-890's new features include a repeat program selector, stereo-mono mode switch, meter overload protection circuitry, automatic return of all function buttons to neutral (off positions) after cartridge ejection, and increased blas frequency to 82 kHz. Offers unsurpassed 8-track cartridge record and playback facilities. Enjoy hours of listening pleasure from your own pre-recorded stereo cartridges The RK-890A will become the ideal companion to your present high fidelity system. Exclusive Automatic Cartridge Ejector will provide years of trouble-free 8-track performance—no longer will you damage the heads of your recorder or the roller of any cartridge by leaving a tape Inserted after you have turned off the power. The fast inward feature permits quick selection of tape sections. And, most important, you can automatically record each track individually and stop.

Specifications: 2 Mike Inputs, (Sens tivity ea., 1 mV and 100 mV). Bias Freq: 82 kHz, AC erasing system, Freq. response: 30-12,000 Hz, Wow & Flutter: less than 0.25%, Channel Separation: 30db, Output level: 1 volt Max, 300 mV Average. 17 Transistors, 13 Diodes. Walnut metal wrap around case. Brushed gold anodized aluminum trim, AC Fower Fuse. For 117 VAC, 50-60 Hz, Size: 12 x 3¾ x 9¾°°D. Imported. Shpg. wt., 12 lbs. Net 129.95

99 R 15968W No Money Down Microphone for RK-890A, Imported. Shpg. wt., 8 oz.

99 R 46161

Lafayette 60 Min. 8-Tr. Mylar Recording Tape. Shpg. wt., 6 oz. 28 R 01348

# Deluxe LAFAYETTE RK-800A 8-Track Stereo Cartridge Playback Deck

- · Built-in Solid-State Stereo Playback Preamplifier
- Pushbutton Track Selector
- . Individual Illuminated Track Indicator Lights
- Spill-Proof Capstan Mechanism

Improved version of our best selling 8-Track stereo playback Improved version of our best selling 8-Track stereo playback deck. Designed to complement the finest stereo systems. Unique capstan bearing assembly insures long-life operation without damage to your tapes. Solli-proof mechanism stops tape from wrapping around capstan. Built-in solid-state stereo playback pre-amplifiers. Connects to your stereo amplifier or receiver tape input. Tape plays continuously. Four indicator lights tell you which track is playing at any given time, in sequence you may switch tracks by depressing the pushbutton track selector button. Power Output: 1-voit. Freq. Response: 30-12,000 Hz ±3db. 5/r Tape Speed: 3½ ips. 4-pole AC condenser motor. Walnut grain finished metal case. Brushed aluminum front panel. Size: 9W x 4½H x 9¼4"D. For 117 VACC., 60 Hz. Imported. Wt., 10¼ lbs. 99 R 15893W No Money Down Net 54.95 99 R 15893W No Money Down



See Page 22 for Full Credit Details on Easy Pay Plan



Sound-With-Sound Mixing . Stereo-Mono Switch

Mike And Input Source Record Level Controls

 7 Pushbutton Functions—Play, Record, Fast Forward, Rewind, Pause, Stop, Cassette-Up Large Illuminated Dual Record Level Meters

 Main Or Remote Speaker Outputs Front Panel Mike Input Jacks

• 3-Digit Tape Counter With Reset Button Semi-slot Tape Loading

stereo and 2-frack monaural. AC convenience outlet on rear pane. SPECIFICATIONS: Each speaker system contains 5° acoustic suspension worder with 10° magnet structure and 34° cone-type tweeter. Laminated heads. Power Outbut: ±1db, 20° watts HF. Freq. response: 50-11,000 Hz. AC Blas, Enser frequency, 98 Hz.S. SN Ratio. Better than 48db. Outbut: ±1db, 10° ness than 2.5% at 0.vU. Channel separation, 35db at 0.vU. Amplifier Input sensitivity, 250° mv (day. Phono. Luner). Mike input sensitivity, 2.25 mv (or 0.vU. Wow & Fulter, less than 2.5%. Size: 434h x 11Dx 154°.W. Imported, For 117 VAC/60 Hz. Beautitui wantur grained case. Shope, wt., 374° bbs. Input For Record Changer, Tuner, Or Tape Deck Our exciting new professional home stereo cassette playback as and recording system delivers truly magnificent wide-range sound from its powerful built-in solid-state stereo amplifier and the 2 matching acoustic suspension speaker systems. The STD/Cob, blas equalizer switch permits solide of recording with either a standard lassette tape or the new improved chronium conditions as the standard lassette tapes for cases high frequency levels witch conditions and the standard lasses with recease high frequency levels on the date inherent tape noise fitiss). Dual concentric left and right channel microphone and input source record level controls permit sound-with-sound mixing. Illuminated VI level meters, from panel steteo headphone jack, push-button tape controls, pause button for cueing and editing, cholde main or remote speakers, loudness button, stereo-mono switch, separate bass and freble controls, dual concentric volume and balance controls, front panel left and right channel mike inputs, tape recorder outbut jacks, input jacks for playing a record changer, tuner, or another tape deck thru the recorder's amplifier are provided. Records and plays back 4-track

With 2 Dynamic Mikes and Two 2-way Acoustic Sid/CrO, Switch On Front Panel For Recording With Chromium Dioxide Tape Suspension Speaker OUTSTANDING FEATURES POWER Std Cr0,

\*See Page 22 for Full Credit Details on Easy Pay Plan

Net

Standard 60 min. Cassette Recorder Tape 28 R 01223 Cr0, 60 min. Chromium-Dioxide Tape 28 R 47002

99 R 15943WX RK-520 less speakers

Or Fast Forward Function

# LAFAYETTE'S Finest Record/Playback Stereo Cassette Decks

# LAFAYETTE RK-760A Solid-State Stereo Cassette **Fape Deck with Switchable Bias Equalizer**



ess Microphone

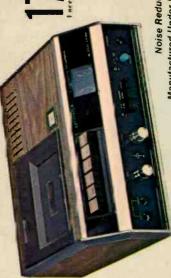
- · Sound-with-sound Mixing • 3 Digit Tape Counter
  - · Semi-slot Tape Loading with Reset Button
- Illuminated Dual Channel VU Record Level Meter
  - · Plays Back 4- and 2-Track Stereo and Monaural Records 4-Track Stereo and 2-Track Monaural
- STD/CrO, Switch on Front Panel for Recording with Chromium-Dioxide Lape
  - · 7-Pushbutton Tape Functions Including Pause for Cueing and Editing

the deck featuring Switchable Bias Equalization.
An STD/C/G, bas equalizer switch on the front panel permits choice of recording on the RK-ZGO with either a standard assette tape or the new revolutionary chromium dioxide (C/C), cassette tapes, C/C, fape increases high frequency level up to 8do, and reduces inherent tape noise (hiss) for and reduces inherent tape noise (hiss) for hupon' brudlu hypo tovor exercity swirthings. Connects high any standard amplifier or receiver tape Input and output, Full set of pushbutton controls for all tape functions. Record, Play, Stop, Rewind, Fast-Forward, Pause, and Cassette Eject. The record button quality solid-state stereo cassette tape incorporates a safety-interlock to prevent accidental erasures, includes left and right channel dual concentric record level controls recordings. Simultaneously record live with

SPECIFICATIONS: 4-pule hysteresis synchronous AC motor, AC blasting and erase frequency: 95 kHz. Playback output 1 voit. Frequency: 95 kHz. Playback of 12,000 Hz. S/N Ratio. Best than 48 db. Overall Distortion: less than 2.5°, at 0 vU recording. Channel: 3chike. 2-high level Tape. Mike Input Sensitivity: 10 mv for 0 vU at 10K mhms. Tape Innit Sensitivity: 90 my for 0 VU at 10K mhms. Tape Innit Sensitivity: 90 my for 0 VU at 10K mhms. Tape Innit Sensitivity: 90 my for 0 VU at 10K mhms. Tape Innit Sensitivity: 90 my for 0 VU at 10K mhms. 0.3%. Outputs: 2-tape. Handsome walnut side panels, brushed aluminum gold anodized extruded front panel. For 117 VAC. 60 Hz. Size: 123/8D x 41/4, H x 9"W. Shpg Imported.

99 R 46161 Net ea 6.95 Standard 60 Min. Cassette Recording Tape 28 R 01223 Net ea. 99 Cro. 60 Minute Cassette Recording Tape 28 R 47002 Net ea. 2.99 wt, 13 lbs.
99 R 15869W'no Money Down\* Net 99.95
Dynamic Mike, Imported. Shpg. wt., 15 oz.
99 R 46161

# Stereo Cassette Record/Playback Deck LAFAYETTE RK-D40 DC DOLBY SYSTEM



Noise Reduction System Manufactured Under License from Dolby Laboratories, Inc.—Reduces High Frequency Noise (Hiss) by 90%

- Special Low Impedance Stereo Amplifier For Private Headphone Monitoring
  - STD/CrO, Puchbutton Control Illuminated Dual Channel Record Meter
- Both Eloatronically And Mechanically . Sound-With-Sound Mixing · Automatic Shut-off At End Of Tape In Play, Record, F.F. Mode.

CrO, tape. Connects into any standard amplifier or receiver table input And output. Records and plays back 4 track sterio and tow impedance stereo amplifier for private impedance stereo amplifier for private. headphone monitoring and listening. Full set of pushbutton controls—Record, Play, Stop, Rewind, Fast Forward, Pause, and Gassette. up. Record button incorporates safety-interlock. Separate dual-concentric front panel record level controls for incorporate panel. Professional studio quality Dolby System Stereo Record/Playbasek Cassette Deck. For recording utilizes famous Dolby circuity for noise reduction now used by major recordcritical studio applications. Permits playback of pre-recorded Dolby system cassette tapes. Features provisions for using advanced companies for master taping and other and external source. Front panel pushbuttons for Std/CrO,, Stereo-Mono, Dolby. Visual Record and Dolby indicator lights. Tape

output: 1 voit. Freq. response: 40-13,000. S.N. 99 de 0. Overall Distortion: 2.5% or less at 1 kHz, —3db record level. Channel Separation: 30 db at 1 kHz, Input Sensitivity: Miss. 1 why. Aux, 100 mV. Wow & Flutter: 0.25%. 3-digit tape counter. 2 FET's, 34 it and 21 bliddes. Handsyane 0.25%. 3-01gm. 12 Dludes. Hallusumer translistics, and 21 Dludes. brushed chrome and walnut side panels, brushed front panel. For 117 VAC, 60 Hz, Imported. Size: 11% x 4% x 11% "D. Wt., 17 lbs.
99 R 15984W No Money Down\* Net 179.95 Net ea. 2.99 hysteresis synchronous AC motor, AC biasing and erase frequency: 100 kHz. Playback Standard 60 Min. Cassette Tape 28 R 01223 IPS. SPECIFICATIONS: Cro, 60 Min. Cassette Tape 28 R 47002 Dynamic Mike. Wt., 15 oz. 99 R 46161

mikes and thru an externat source such as record changer, Tuner, or another tape recorder. Tape speed is a constant 1% ips.

# LAFAYETTE'S BEST!



Deluxe **LAFAYETTE RK-86 Battery/AC Portable Cassette Tape Recorder** 

Includes Dynamic Micro-phone With Remote Control Switch, 60 Minute Cassette Recording Tape, AC Line Cord, 4 "C" Batteries, and Earphone.

- Instant-On Solid-State Circuitry
- Professional Recording System AC Blas, AC Erase
- . Dual Battery/Record Level Indicator
- Separate Tone and Volume Controls

Beautifully designed portable cassette recorder of exceptional quality. One of the easiest recorders to operate. Features semi-slot tape loading and pushbutton controls. No reels to thread. Operates on 4 "C" batteries for portable use, or on 117 VAC 60 Hz in the home or office. Utilizes professional AC blas and erase recording system for accurate and precise record and playback performance. Separate pushbuttons for record, play, rewind, fast forward, and stop/Cassette-up. Safety interlock on record button prevents acci-

dental erasures. Aux. Input jack is provided for recording from external sources such as phono, TV set, or radio tuner directly onto tape. Integrated carrying handle, Size 934 x 736 x 236". Imported. tape: Integrated carrying indute, size 57% x 7 Shg. wt., 4 lbs.

99 R 15935L No Money Down\*

60 Minute Lafayette Cassette Tape

28 R 01223 Shpg. wt., 4 oz.

99 R 62572 Extra "C" batteries, 4 req.

**Deluxe LAFAYETTE RK-166 Battery/AC Portable AM/FM** Radio Cassette Recorder

With 4 "C" batteries, AC line cord, ear-phone, remote control mike with stand, 60-minute blank cassette, accessory

- . Direct Recording From AM or FM Radio
- Pop-up Cassette Ejector Button
- · Automatic Level Control · Built-in AFC
- Recording Level/Battery Meter
- Slide Control for Adjusting Volume



Handsome full-feature AM/FM Radio Cassette Recorder. Operates on 4 "C" batteries or 117V AC. Simple to use—no tape threading. Precision slide rule tuning on the AM/FM radio. Recorder features rotary controlled function knob for play, stup, rewind, fast forward. Record safety interlock button prevents accidental erasures. Swivel telescopic FM antenna and built-in ferrite core AM antenna. Handy slide control for adjusting volume. External speaker or earphone

# New LAFAYETTE Battery | AC Cassette Recorders

# LAFAYETTE RK-76

3295

With Remote Control Mike, AC Line Cord, 4 "C" Batteries, 30 Min. Cassette, Earphones, Carrying Strap

Instant-on Solid-State Circuitry

Semi-slot Tape Loading

Automatic Record Level Control

Quality portable cassette recorder is just perfect for instant recording in the classroom, office, home, car or outdoors. Operates on 4 "C" batteries (included) or 117 VAC line (inc'uded), Built-in Automatic Level Control circuit assures perfect voice recording level regardless of volume control position. Remarkably easy to use semi-slot tape loading: there are no reels to thread. Plays back both monaural and stereo music cassettes. Piano key pushbuttons for easy selection of Play, Record, Fast Forward, Rewind, and Stop. Jacks are provided for

Five Pushbutton Controls

- Pushbutton Controls for Stop, Play, Record, Fast Forward, and Rewind
- Record Safety Interlock

Mike, Remote Control, Aux. Input, and Earphone Monitor. Size: 91/4x 51/5x21/5"H. Handsome charcoal cabinet with chrome trim. Imported. Shpg. wt., 6 lbs. 99 R 15976L No Money Down\* Net 32.95

LAFAYETTE RK-68

24<sup>95</sup>

With Remote Control Mike

Handsome beige and brown compact cassette recorder, Operates on 4 "C" batteries or 117 VAC with AC line cord (included). Plays and records up to 2 hours using a standard 120-minute cassette, Start/Stop switch on microphone allows for remote control operation of the recorder. Dynamic speaker provides fine voice and music reproduction. Record Safety Interlock button prevents accidental erasures.

Instant-on Solid State Circuitry
 Record Safety Interlock Button

 Single Tape-Function Control for: Record, Stop, Play, Fast Forward, Rewind

Single Tape-Function control. Molded carrying handle. Input jack for earphone/extension speaker. Size: 11"Lx5½"Wx2½"H. Imported. Shps. wt., 4½ lbs. 98 R 16024. Net 24.95

28 R 01223 Lafayette 60-Minute Tape Cassette ... 99 R 62572 "C" Batterles—4 required

Net ea. .16



Stand, 4 "C" Batteries, and AC Line Cord

AM/FM Radio to Recorder

· Semi-Slot Tape Loading

· Record Level Indicator Light

Fast Forward Lever

Record Safety Interlock Lever

· Built-in Telescopic FM Antenna

Make your own cassettes directly "off the air" anytime, anyplace. Or, record live with the remote control dynamic mike. This fine performing Radio/Recorder operates as a portable on 4 'C' batteries (included), or in the home on 117 VAC. Record Indicator light permits you to adjust the volume for proper recording level. 3" dynamic speaker provides fine tone. Single function knob for rewind, stop, play, Unique levers for fast forward, and record safety interlock. Built-in AM antenna, telescoping FM antenna, Aux, and External

Speaker/Earphone jacks. Attractive black cabinet with chrome and ivory trim. Integrated carrying handle. Size: 11½wx60x3"H. Imported. Shpg. wt., 6 ibs. 99 R 16016L No Money Down\* Net 44.95

ACCESSORIES FOR RK-225

28 R 01223 Lafayette 60 Minute Tape Cassette 99 R 62572 Extra 'C' batteries, 4 req. Net ea. .99 Net ea. .16

# LAFAYETTE **RK-65**

# **Portable** Solid-State Cassette Recorder

Record Safety Interlock Button

 Single Tape Function Control: Record. Stop, Play, Fast Forward, Rewind

With remote control mike, and integrated carrying handle

So easy to use! Just snap in a cassette and you are ready to record or play. No tape to thread. Operates on 4 "C" batteries (not included) or 117 VAC house current with optional AC adapter. Instant-on solid state circuitry, includes dynamic start-stop microphone for remote control operation. Big 23/4" speaker for excellent sound reproduction. 91x53/ex21/2"M. Shpg. wt., 4 ibs. Imported.

Accessories for RK-65

98 R 35115 AC Adapter for RK-65. Shpg. wt., 6 oz. 28 8 01223 Lafayette 60 minute Tape Cassette Net 3.95 99 R 62572 "C" Batterles, 4 Required Net ea. .99 Net ea. .16



# Solid State Cassette AM & FM Radio Tuners

AM Radio

FM Radio Tuner

 $\mathbf{P}95$ 

Converts Most Cassette Tape Recorders and Players into a Sensitive Radio

Miniaturized, solid-state radio tuner circuit with self-contained battery (included). Same size as any standard blank or prerecorded cassette. Take it anywhere, play it anywhere. Plays directly through the amplifier and speaker system of your cassette player or recorder. Migh-impact break resistant case. Size 4x2½x¾%". Imported. Wt.. ½ lb. Wt., 1/2 lb. 28 R 43019L AM Radio Tuner .

Net 6.95 28 R 43027L FM Radio Tuner Net 12.95

## **Portable Solid-State Cassette Tape Recorders**

NORELCO 1420 SONY. TC-60



Extremely lightweight—carry it everywhere! Records voice and music on 2 tracks at 1% IPs with perfect fidelity. Fully transistorized for instant playback. Easy to use. No tape threading, Semi-automatic cassette Insert, Pushbutton cassette eject. Single master control starts, stops, and rewinds tape. Uses 5 "C" size flashlight cells. Recording level battery life meter. Size: 74xx44/x2x24" imported. 27 R 48408L Shog, wt., 4 lbs. Net 49.95

ACCESSORIES FOR MODEL 1420 Universal Car-Mount For Carry-Corder. Size 1142x3x542". Imported. 27 R 48150 Shpg. wt., 21/4 lbs. Net 29.95 Net .16 Net 6.95 99 R 62572 "C" Type Battery, 5 required 27 R 48085 117 VAC Adapter. wt., 8 oz. BP2204 Recharge Nicad Battery Pack. Shpg. wt., 1½ lbs.

Model TP 86 Telephone Pickup Coil. Shpg. wt., 5 oz. Net 7.95



Popular priced cassette tape recorder with famous Sony performance and dependability. Operates on 4 "C" cell batterles (included) or 117 VAC. Pushbutton operation. Locking fast-forward and rewind buttons. Sonymatic automatic recording control. Separate tone and volume controls. Record safety interlock button. Solid-state circuitry. 7 transistors. 3 diodes. 2½" dynamic speaker. Size: 5½xx2½xx9¾". Imported. Shpg wt.. 5 lbs.
27 R 60635L No Money. Down\*
99 R 62572 Extra "C" Batteries—4 req. Net ea. .16 28 R 01223 Lafayette 60 minute tape Cassette... Net .99

## HITACHI

## Battery or AC Operation



- 3 Digit Tape Counter
- · Built-in Condenser Mike
- · Levelmatic Circuitry
- VU Record Meter

99 R 62572 Extra "C" Batteries-4 req.

Net ea.

Highly sensitive cassette tape recorder operates on 4 "C" batteries (Included) or 117 VAC with built-in AC line cord. Many outstanding featuress built-in condenser mike or accessory remote control microphone; automatic record level circuitry (levelmatic); 3 digit tape counter; piano key type pushbutton for record, playback, stop, fast forward, rewind, and eject; YU level meter, and rotary tone control. Large 4" speaker. Size 10½x2½x7½". Imported. Shop. wt., 7 lbs. Net 69.95



- Battery or AC Operation
- Built-in Ni-Cad Battery Recharger
- . Unique "Floating Mike"

No money Owner portable cassette recorder. Operates on 4 "C" batteries, 117 VAC, or in your car with optional adapter. Built-in Auto-Charge Circuit automatically recharges Ni-Cad Batteries. 6 pushbutton function controls. "Floating" mike plugs into Micro 14 or removes for use as regular remote control mike. Record level/battery condition meter. Switchable Automatic Record Level Control. Seoarate Tone control. Size: 2¾" x 5¾" x 9". Imported.

27 R 25554L Shpg. wt., 91/4 ibs.

## Deluxe Portable and Miniature Solid-State Cassette Recorders

Concord F-26 AC/DC NFW



- Built-in Condenser Microphone
- Pause Control
- Automatic or Manual Record Level

Hardly larger than a cassette and the three "C" batteries that power hardly larger than a cassette and the time "C" batteries that power it, the F-26 recorder uses Integrated Circuits (IC's) for extreme reliability. High-sensitivity condenser microphone is built right into the die-cast case. Features: Pause control in the record mode; Automatic level control—a must for speech and conference recording; Manual record level control and Servo-drive motor for optimum performance. Batteries disconnect automatically when you plug in the external AC adapter supplied. Input: Auxiliary; Output: Earphone; Size: 4½x7¼ x21/4"D. Imported.

27 R 35439L No Money Down\* Shpg. wt., 2½ lbs. Net 59.79 98 R 62572 "C" Batteries for F-26: 3 required Net ea. .16 98 R 0123 Lafayette 60 min. Blank Cassette ...... Net .99

Sony/Superscope TC-40 Miniature **Battery Operated Cassette-Corder** 



Remote on/off Switch Earphone, Case,

#### Built-in Condenser Microphone

Fine performing miniature cassette recorder, Small enough to fit sough into one's hand, or attache case. Features built-in condenser microphone, record level and battery strength indicator, accessory microphone, record level and battery strength Indicator, accessory remote on/off switch (Included), Sonymatic Recording control, built-in dynamic speaker. Operates in any carrying position, Dual-differential balanced flywheets eliminates variations in tape speed when TC-40 is being carried, Tape speed: 1% IPS. Size: 1%x7x446"D. Shog, wt, 2½ ibs. Imported.
27 R 60593L No Money Down\* Net 99-50 Model AK-2 Rechargeable Ni-Cad Battery/AC Adapter. Wt. 1 ib. 27 R 60601 Net 27.95

28 R 01223 Lafayette 60 Minute Blank Cassette Net

# Concord F-26 AC/DC Miniature Cassette Recorder NEW! Sharp RD-428U Pocket Portable Cassette Tape Recorder



Small enough to fit into your jacket pocket, this deluxe solid-state recorder features advanced integrated circuitry, Built-In condenser mike for quick, easy recording, Automatic Level Control for uniform recording at every sound level, "One-touch" pushbutton controls, Remote control cord for convenient start/stop operation, 24" dynamic speaker. Electronic governor controlled DC motor. Battery/level meter, Earphone Jack, Speed: 1%, Includes nickel cadmlum battery pack, 4 "AA" batteries, and AC adapter, Imported. Size: 64xx 41%, x15%".
27 R 22015L No Money Down\* Shpg. wt., 2 lbs. Net 69.95 99 R 62580 Extra "AA" Batteries—4 req. Net ea. 10 28 R 01223 Lafayette 60 min. Blank Cassette ... Net .99 Small enough to fit into your jacket pocket, this deluxe solid-state

Deluxe Sony/Superscope 110A AC/DC Cassette-Corder



with Remote Control Microphone, Carrying Case, Earphone, Patch Cord, 4 "C" Batteries, 1 Blank Cassette

#### Built-in Condenser Microphone

Improved version of Sony's best selling Model 110. Has a built-in condenser microphone. Also, is handy for dictation purposes, since it includes a remote start/stop microphone. A Back-Space Review Button and three-digit tape counter make it easy to transcribe cassettes. Features locking fast-forward and rewind buttons, Sonymatic Recording Level, separate tone and volume controls, extended range speaker, and built-in recharging circuit for optional 8P-9 Nickel Cadmium Battery Pack. Tape Speed 1% IPS. Size: 54x24z894z\*\*D.

27 R 60643L Shpg. wt., 5 lbs. No Money Down\* Net 119.95 BP-9 Nickel Cadmium Rechargeable Battery Pack. Wt., 1 lb. Net 14.95

## Solid-State AM/FM Radio Cassette Recorders and Car Players

## NEW! HITACHI KCT 1210 Battery/AC AM/FM Cassette Radio Recorder

Includes: Dynamic Microphone, 60 Minute Tape Cassette, Earphone, and AC Line Cord

Convenient, portable AM/FM radio and cassette tape recorder/ player let's you take your favorite music with you—anywhere. Operates on 110 VAC or 4 optional "D" batteries. Solid-state circuitry and silicon transistors ensure crisp, clear reception, permits direct radio recording. Levelmatic' circuitry adjusts sound to best recording level. Also features continuous tone control, speaker on/off switch, and 6 pushbutton cassette functions: record, play, stop, rewind, fast forward, and reject. Battery replacement meter. Size: 12W x 8V4M x 38/6" Imported, Less Batteries. Spg. Wt., 8 lbs. 27 R 24293L

Net 69.95 99 R 62564 'D' battery for above (4 req.) Net ea. .18



# NEW! CONCORD F104 Battery/AC FM/AM Cassette Radio Recorder

- Built-in Condenser Microphone
- Includes AC Line Cord, and Blank Tape Cassette

Magnificent performing 5 watt AM/FM Radiocorder® combines a highly sensitive AM/FM radio and a convenient cassette tape recorder in one handsomely styled compact unit, Operates on 117 V, 60 Hz. AC, or 6 °C' batteries (not included) for true portability. Features AFC on FM for drift-free direct radio recording. Calibrated VU level/battery check and switchable automatic level control for distortion free according. Built is consequenced. tortion-free recording. Bullt-in condenser microphone plus Jack for external microphone, Pushbutton tape controls plus level and tone controls. Has bullt-in AM and telescoping FM antennas, Size: 11¾ x 10½H x 3¼°D. Imported.

27 R 35413L Shpg. wt., 7 lbs. CA-18 12 Volt Car Adapter. Shpg. wt., 1 lb. 27 R 35421

Net ea. .16 99 R 62572 'C' batteries for above (6 req.)

ONLY No Money Down\*



## NEW PANASONIC RF 7280 Cassette Recorder with AM/FM/Weather Band Radio

Includes: Remote Control Mike and Stand, Pre-recorded Cassette, Batteries and Earphone

Operates from any 6 or 12 volt car battery with optional accessory mounting bracket, or as a portable with 4 'D' batteries (included), or on 117 V., 60Hz, AC with optional 117 VAC adapter, Built-in FM and AM antennas, 6 x 4" dynamic speaker, AFC on FM. Continuous bass/treble tone control. Pretuned 162.55 MHz, weather band gives 24 hour weather information. Built-in cassette recorder features pushbutton controls, recording level control, sound monitor system, and earphone/external speaker jack, With earphone. Size: 1011/4 W x 1034 H x 34"C). Imported.

10\% H x 3\%'\circ\). Imported.
27 R 12297L Shpg. wt., 10 lbs.
27 R 12395 Car Bracket. Shpg. wt., 4 lbs.
27 R 12313 AC Adapter. Shpg. wt., 6 oz. Net 19.95 Net 9.95

ONLY No Money Down'



# DELUXE Ampex Micro 44 Solid-State Car Stereo Cassette Player with FM/FM Stereo Radio

- Simple Push-in Slot Loading Of Cassette Tapes
- Automatic Eject and Turn-Off At End Of Tape
- FM Stereo Indicator Light

Enjoy the convenience of stereo cassette tapes in your car . . . plos the luxury of standard FM and FM Stereo broadcasts from one compact unit. Features fully automatic operation; fast slot load "Star System"; single lever function control for Eject/Off, fast Forward and Rewind; Illuminated FM tuning dial; stereo indicator light; AFC, Local/Long distant switch and Mono/Stereo FM reception. Thumbwhee; control for Volume, Balance, Tone and FM tuning. Has built-in noise suppression filters. 20-watts output power. Response: 40-15,000 Hz Radio; 40-10,000 Hz Tape. Sensitivity (FM); 4 W. For 12V., neg/grnd., car system, Size: 9%,x9x4/k", imported.
17 R 57012WX Shop, wt., 12 ibs. No Money Down\* Net 169,95 Deluxe Set of 2-Lafayette Rear Deck Matched Speakers. Imported.
99 R 62386 Shop, wt., 3 ibs. . . . . . . . . . . . Net 9.95

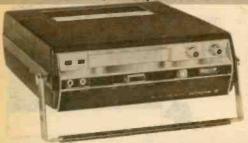
\*See Page 22 for Full Credit Details on Easy Pay Plan

With Universal Mounting Bracket, Wiring Harness and Antenna Adapter Cable



## Solid-State Stereo Cassette Players and Recorders for the Car

#### HITACHI TRO-206 CAR/PORTABLE CASSETTE PLAYER/RECORDER



Mounting Bracket with Lock and Key, Connecting Cable, Remote Control Microphone, Power Cord, Demonstration Tape

- · 3-Way Operation-AC, Battery, or Car Battery
- . Stereo Playback in the Car and Home **Using Optional Speakers**
- Monaural Record/Playback

Sensational and versatile cassette tape system. Features special bracket for auto mounting with lock and key included for 12 volt DC Neg, ground systems. Removable for use as a portable with its own batteries (operates on 8 "C" Cells not included)—or operates in the home on 117VAC 60 Hz. Built-in wide range speaker. Semislot tape loading, Automatic stop and eject. Fast Forward and rewind. Separate Tone and balance controls. External speaker jacks for stereo, Size 9½" x 3½" x 10½". Imported. Shpg. wt., 8½ lbs. 27 R 23054W No Money Down\*

Deluxe Set of 2 Rear Deck Matched Speaker Systems. Imported. 99 R 62986 Shpg. wt., 3 lbs. Imported. Net 99 R 62572 "C" Batteries—8 Req. Wt. 1 lb. Net ea. Net 9.95 Net ea. .16

SONY/SUPERSCOPE TC-20 CAR STEREO CASSETTE PLAYER



Hardware, Head Cleaning Pencil Less Speakers

- **Automatic Cassette Eject**
- Tone Control
- Pushbutton Operation12 Watts RMS Output

Deluxe stereo playback car cassette system. Features single action "Letter-Box loading." Provides instant playback at a power output of 12-watts RMS. Cassettes can be ejected either automatically or manually. Has push-button Fast-Forward" and "Rewind"; Volume, Stereo Balance, and Tone controls. SPECIFICATIONS: Frequency Response 50-10,000 Hz; Wow/Flutter 0.28%; Signal-to-Noise Ratio 45 db; Tape Speed 176 ips. Switchable for negative or positive ground 12VDC electrical systems. Complete with mounting bracket, hardware and head cleaning pencil. Size: 7% x 814". Imported.

Shpg. wt., 8 lbs. 17 R 50017W No Money Down\*

Deluxe Set of 2-Rear Deck Matched Speaker Systems. Imported. 99 R 62986 Shpg. wt., 3 lbs. Net

## **AMPEX MICRO-42 CAR CASSETTE** STEREO TAPE PLAYER/RECORDER



Speakers With All Mounting Hardware, and Remote Control Mike

- Makes Recordings In Your Car 20-Watts Peak Music Power
- Unique Slide-Out Storage Tray

Enjoy your ravorite cassettes in your automobile. Instant playback of all prerecorded stereo and monaural cassette tapes, plus instant monaural record with remote control mike supplied. Glves you 20-watts music power. Uses slot load system for fast, easy loading. Automatic eject at end of tape. Recessed pushbutton function controls: Fast-Forward, Rewind plus drum-style Volume and Tone controis: rast-forward, kewing plus drum-style volume and lone controls. Has pilot light and separate record indicator light. Silm-line style blends with any car interior. Slide-out storage tray holds microphone and 4-cassette tapes. For 12VDC negative ground systems. Mounting bracket and all hardware supplied. Size: 9% x 4% x 9°D. Shg. wt. 11 lbs.

17 R 57004W No Money Down\*

Deluxe Set of 2-Rear Deck Matched Speaker Systems, Imported. 99 R 62986 Shpg. wt., 3 lbs. Net 9.95

#### **TEAC AC-7 Automatic Reversing** Car Stereo Cassette Player



with Mounting Hardware, Demo Tape, Less Speakers

- Continuous Playback
- Servo Controlled Drive Motor
- Continuous Tone Control
- Power Output 12 Watts

Provides continuous playback in both directions—automatically reverses at the end of tape. Features advanced solid-state circultry; servo controlled drive motor; separate volume, tone, and balance controls; stop and cassette ejection button, forward play button, reverse play button, and unique and easy cassette loading system. Ready-to-play light. For 12 volt negative ground systems. Power Output: 12 watts. Wow and flutter 0.25%, Tape speed 1% lps. Response 40-10,000 Hz. Includes mounting hardware. Size: 9W x 74x 24% H. Imported. Shgs. Wt. 8 lbs. Less Speakers. Net 129.50

Deluxe Set of 2-Rear Deck Matched Speaker Systems. Imported.

See Page 22 for Full Credit Details on Easy Pay Plan

## Solid-State Stereo Record/Playback Cassette Tape Decks

Sony Superscope TC 127 Cassette Tape Deck



- 2 Record VU Level Meters
- 3 Digit Tape Counter
- · Lockable Fast Forward and **Rewind Buttons**

Record and playback stereo or mono cassette tapes through your home music system with this quality stereo tape deck. Features Sonymatic automatic gain control with a manual record defeat complete with limited circuit. Includes 7 pushbutton controls: eject, fast forward, stop, play, rewind, record, and pause for editing. 2 VU record level meters, stereo headphone jack, variable line output. Specifications: Freq. Response: 30-12,000 Hz, S/N Ratio: 49 db. Inputs: 2 mike, 2 Jux. Outputs 2 line, 1 headphone, mike Input impedance 600 ohms. Size: 1534x378x85%. Less microphone. For 117 VAC 60 Hz. Imported. Shpg. wt., 16 lbs.

27 R 60544W No Money Down\*

Net 149.95

#### Sony Superscope TC-160 NFW Deluxe Cassette Tape Deck



- Calibrated Illuminated VU-Meters
- 3-Digit Tape Counter · Low Noise FET Circuitry

TC-160's fine features include straight-line record level controls. low-noise FET circuitry, built-in peak limiter for distortion-free recording, tape select switch for standard and new Chromium Dioxide cassettes, long-wearing high-performance heads with 1.5 Micron gap, stereo headphone jack with two-position headphone level switch, three-digit tape counter, calibrated iliuminated VI umeters, automatic eject. SPCCFIFCATIONS: Response, 20-16,000 Hz, Wow & Flutter 0.1%; Signal-to-Noise Ratio 49db; 2 low Impedance mike inputs; 2 Aux Imputs. Walnut wood base. Size: 154 Wx5Hx107%\*\*D. For 117 VAC, 60 Hz. Imported. Shpg. wt., 1742 lbs.

27 R 06527W No Money Down\*\* Net 193.95

#### Concord Mark IX Dolby Cassette Deck with Endmatic



- · Dolby Noise Reduction System • CrO2/Standard Tape Selector
- Two Elevating VU-Meters
- 3 Microphone Inputs

Professional quality Mark IX is designed for use with both convenprofessional quality Mark IX is designed for use with both conven-tional and the new chromium dioxide tape cassettes, with switch-selected bias. And it has Dolby noise reduction built-in, with its own pushbutton control and indicator light, and a tape head with an ultra-narrow 1 micron gap. The Mark IX is built like a recording con-sole in miniature. Professional silders on its sloping front panel give you individual control over input and output levels in each channel. And a fifth silde control and third microphone lack lets you give you individual control over input and output levels. In each channel, And a litth slide control and third microphone lack lets you mix in a center-channel microphone for greater recording flexibility. "Endmatic" feature disengages tape and transport when each cassette ends to prevent uneven wear and tension. SPECIFICATIONS: Wow and Flutter less than 0.2% rms; Freq. Response 30-15,000 Hz; Signal-to-hoise Ratio better than 50d; Overall distortion less than 1.5%, Bias Frequency over 100 kHz; Channel Separation better than 35db. Inputs: Ihree microphone; High level and low level jacks; Outputs: Stereo line, headphone. For 117 VAC, 60 Hz. Size: 16WX 4½HX10%\*\*\*0. Includes 4 patchcords. Imported. Shpg. #t., 15 lbs. 27 R 35405WX No Money Down\*\*

Net 249.95

Professional Teac 360 NFW Dolby Cassette Tape Deck

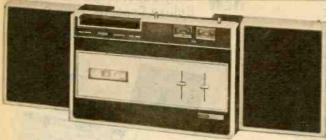


- Dolby Noise Reduction System
   4 Linear Record Level/Output Controls
- Expanded Scale VU-Meters
- · Peak Recording Level Indicator

The Teac 360 stereo cassette deck incorporates the Dolby system for both record and playback functions, Developed specifically for home lape recording, it dramatically reduces inherent noise and hiss in the recording process without aftering the musical integrity of the recorded signal. The 360 utilizes a MIC/Line selector switch. When recording trom a tuner or aux source the signal is fed directly to the bolby circuitry, bypassing the mike preamplifiers. Outstanding features: Unique peak recording level indicator, expanded scale Vumeters, automatic end sensor/automatic shut off mechanism. 4 linear record level/output controls, hysteresis synchronous outer rotor motor, 4-digit tape counter, and complete compatability for conventional, high density, high energy, or Grolyn tapes. SPECIFICA-TIONS: Wow and Flutter 0.13%, Freq. response 30-13,000 Hz ±3db measured at —20db. Signal-to-Noise Ratio 50db, 58db (with Dolby process), Inputs—mike: 600 ohms, line 0.1V, Output 0.3V. For 117 VAC, 60 Hz, Walnut wood base. Size: 4-644x16<sup>13</sup>/<sub>4</sub>, Wx9.76°D. Imported. Shpg. wt., 14 lbs. The Teac 360 stereo cassette deck incorporates the Dolby system for

## SOLID STATE CASSETTE STEREO TAPE RECORDERS

HITACHI TRQ-232 Portable Battery/Electric 4-Track Stereo Cassette Recorder



INCLUDING 1 Dynamic Mike with Remote Control Switch, Demo Tape, AC Power Cord.

- · Operates on 6 "D" Batteries or 117 VAC House Current
- · Detachable Swing Out Speakers Large Twin VU Record Level Meters
- Separate Slide Controls For Volume And Tone

Enjoy Convenient stereo recording and playback anywhere—indoors or outdoors, Operates on 117 60 Hz, AC, house current, or on standard "D" type flashlight batteries (not included). Two swing-out extension cabinets each contain a 5" speaker, Provides excelent stereo sound reproduction and full dimensional stereo separation, Features "Levelmatic" (automatic record level control). Also has: speaker ON/OFF monitor switch; pushbutton cassette controls:

two record level VU meters and remote control jack. Frequency Response: 100 to 10,000 Hz. Speed; 1½ ips. Instant-on solid state circuitry. Size: 11 x 6½ x 8¾". Imported. Shpg. wt., 14 lbs. 27 R 23070W No Money Down\*

Net 99.95

"D" Batteries for above (6 req.)

28 R 01223 60 Minute Blank Cassette Tage

Net ea. .18

#### PANASONIC. RF7490 FM/AM/FM Stereo Portable Radio Cassette Recorder



With 6 "D" batteries, remote control mike. earphone and pre-recorded tape cassette

- · Operates on 6 "D" Batteries or 117 **VAC House Current**
- VU/Battery/Stereo Meter
- Continuous Tone Control
- Two 6" Wide-Range Speakers

In stereo cassette recorder features push-button controls, and easy-change cassette pop-up for easy and convenient operation. Input for plugging in a record changer, instant on Solid State circuitry for extreme reliability and constant high-level performance. Size: 13½x 1135". Imported. Sing. wt., 13 1bs.

27 R 12263W No Money Down\*

Net 149.95

99 R 62564 Extra "D" batteries-6 req.

Net ea.

#### Deluxe AMPEX 87R Modular AM/FM/FM Stereo Cassette Recorder System

Beautiful walnut wood and smoked plexiglass cabinet houses a stereo cassette tape
player/recorder, FM Stereo/FM/AM tuner,
and stereo control center with 50 watts
of peak music power. Positouch cassette
function controls and velvet-touch sliding
volume, bass, and treble controls give you
professional operating control with maximum ease of use. Each matching walnut
grained speaker system contains a 6" x 9"
dual cone speaker. The 87R features
switchable automatic record level control,
2VU liluminated record meters, inputs for
magnetic phono and a 3 digit tape counter.
Slze: Recorder Unit: 16¼" x 10¼" x 5¼4".
Speakers—14½" x 9" x 7¼". Imported.
Shgz. Mt., 44 ibs, No Money Down\*
27 R 25588WUX
Net 269.95

With Purchase of 878

Deluxe BSR 4-Speed Automatic Turntable with Base, Dust Cover, and Shure Magnetic Cartridge

When you purchase the Ampex 87R you will receive a certificate. Attach your warranty card to this certificate and mall both direct to Ampex. Enclose \$5.00 to cover postage and handling—and Ampex will ship a deluxe BSR 4-Speed Automatic Turntable Ensemble directly to your home.

000 -

Duration of special offer subject to manufacturers withdrawal without prior notice.

With 2 dynamic mikes. and a demonstration tape



**BSR Changer Ensemble** 

## Reel-to-Reel Tape Recorders and Accessories

Sony/Superscope 252 Solid-State Stereo Tape Recorder



with 2 F-25

- 4 Digit Tape Counter
- Pause Control with Lock
- Stereo Headphone Monitor Jack
- Front Panel Sound-on-Sound Controls

Complete portable solid-state 4-Track stereo tape system. Offers many deluxe features: sound-with-sound, sound-on-sound, built-in amplifiers, and 2 full-range lid-integrated stereo speakers that provide exceptionally rich, beautiful sound. Take reels up to 7". 3-speeds: 1%, 334, 7½ 1PS. Vibration free motor. Stereo headphone jack, 2 record VU level meters, 4-digit tape counter, Retractomatic plnch roller, and non-magnetizing record head. Power Output, 12-watts IHF. Inputs 2 AUX. (100K ohms), 2 mike (600 ohms). Response 30 to 18,000 Hz @ 7½ 1PS. S/N ratio 50 db. Size 16½,W x 10½H x 15"D. For 117 VAC 60 Hz. Imported. Shpg. wt., 33½ 1bs. 27 R 60585WX No Money Down\*

Sony/Superscope 330 Solid-State Reel and Cassette Recorder

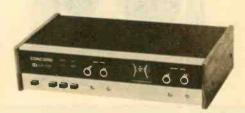


Sony/Superscope 330 Solid-State Stereo Reel and Cassette Recorder. The versatile 330 offers the best of both reel-to-reel and cassette recording in one portable unit! At the flip of a switch, you can record and playback on either a stereo cassette-Corder or a reel-to-reel tape deck, or Cassette-Corder or a réel-to-reel tape deck, or record from reel-to-reel to cassette and vice versa. With the addition of a tuner and record changer, the 330 is the heart of one of the most complete stereo systems you can buy. 2 wide range lid-type speaker systems are detachable for true stereo separation. Two separate illuminated VU meters, separate tape counters for reel and cassette, front microphone jacks, speaker monitor switch, individual right and left channel volume controls, pushbutton cassette controls, proposition controls, processed to the control to t controls, Freq. Response Neel: 30 to 1,000 Hz.

71½ jps, cassette: 50-10,000 Hz. Inputs: 2 mlke,
2 aux., 2 mag. phone. S/N Ratio-Reel: 50 db,
cassette: 45 db. Size: 21½, x 11½, For 117 VAC,
60 Hz. Imported. Shpg. wt., 53 lbs.
27 R 60577WX No Money Down\*
349.95

## New Concord and TEAC Dolby Equalizers

**NEW Concord DBA-10 Dolby Tape Adapter** 



## **NEW TEAC AN-50 Dolby Noise Reduction Unit**



ONLY

- · Lowers Noise-Provides An Extra 10db of Usable Dynamic Range
- 2 VU Record Meters
- · Built-in Calibration Tone—Eliminates Need For External Calibration Tape

Reduces high frequency noise and hiss that plagues wide-range open reel, cassette, and 8-track recording at low speeds by 90%. Can be added to any tape deck or any self-contained recorder with audio inputs and outputs, includes line inputs, calibration meter, and all controls necessary to Dolbyize tapes, Specs: Input impedance: 47 k ohms, input Sensitivity: 30 mV, Output Voltage: 0.58 V dajustable), Output Impedance: 5,000 ohms, Frequency Response: 20-20,000 Hz ±0,50b, Harmonic Distortion: Less than 0.4%. Noise Reduction: 8 db @ 5,000 Hz, Sizes: 13½x3½x7¼x74. H. 117 VAC, 60 Hz, Includes 4 patchcords. Imported.

27 R 35264W No Money Down\* Wt., 5¾ lbs.

ONLY

- Lowers Noise Level 90% (10db)
- 20-15,000 Hz ± 1.5db · Does Not Require External Calibration Tape
- · For Use With Cassette, Open Reel, or 8-Track Recorders

Compact low priced DOLBY NOISE Reduction unit, Recommended for Compact low priced DOLBY NOISE Reduction unit, Recommended for use with low price stereo recorders or tape decks with audio inputs and outputs, Reduces high frequency noise at low speeds by 90%. Controls: separate left and right record levels, Switches: Record Calibrate (In/Out), Mode (Rec/Play), Dolby (In/Out), and Power (On/Off). SPECIFICATIONS: Input Sensitivity: 30 mV, Input Impedance: 35% ohms or greater, Output Level: 1 V, S/N Ratio: 55 db or better, Increased S/N Ratio: 10 kHz. 10db. Power requirements 117 VAC, 60 Hz. Power consumption 4 Watts, Imported, Shpg. wt., 3½ lbs.
27 R 15126 No Money Down\*

See Page 22 for Full Credit Details on Easy Pay Plan

## Solid-State 2-Channel Reel-To-Reel Stereo Tape Decks

Sony/Superscope 252-D Stereo Record/Playback Tape Deck



• With Two Patch Cords

Walnut Wood Base

Fine performing stereo tape deck. With self contained solid-state stereo preamplifiers for the reording and playback of 4-track stereo and 4-track mono thru your home hi-fi system. Two speeds: 7½ or 3¼ IPS. Vertical or horizontal operation. Features: sound with sound mixing, dual VU recording level meters, 3 digit tape counter, vibration free motor, stereo headphone monitor jack, single knob control, automatic tape lifter, scrape flutter filter, record interlock, non-magnebizing record head and automatic shut off. Specifications: Takes reels up to 7". Freq. res: 30-18,000 Hz @ 7½ IPS, 40-13,000 Hz @ 3¼ IPS, Wow/flutter 0.12% @ 7½ IPS, 0.15% @ 3¼ IPS. Signal-to-hoise ratio: 52 db. Size and weight: 15¼" x 7½" x 13%; 18 lbs. Imported. For 117 VAC 60 Hz. Shpg. wt., 20¾ lbs. Net 139.95

27 R 60379-F98 Mike for 252-D-1 lb.

Net 13,50

#### Sony/Superscope 352D 3 Head 3 Speed Stereo Record/Playback Tape Deck



Walnut Wood Base

Deluxe 3-head four track solid state stereo/mono, record, and playback tape deck featuring sound-on-sound—Multiple recordings may be produced by combining new material with previously recorded material on a separate track. Other desirable features are tape and source monitor switches, dual VU record level meters, 4-digit tape counter, pause control, retracto-matic pinch roller stereo headphone monitor jack, and single function tape control knob. Specifications: Takes reels up to 7". 3 Speed—1%, 34, 7½ IPS. Freq. res.: 30 to 20,000 Hz @ 7½ IPS, Sp. Wow and flutter 0.12% @ 7½ IPS. Sp. Wow and flutter

27.R 60379 F98 Mike for 352-D Wt., 1 lb.

Net 13.50

#### KLH Model 41 Dolby System 3 Head Stereo Record/Playback Tape Deck



Designed to make wide-range, noise-free recordings utilizing the Dolby Noise Reduction System. The signal-to-noise ratio at 34/4 IPS is 66 db, @ 7½ IPS is 68 db. With the Model 41 you can record the most demanding musical source material at 3½ IPS—doubling the amount of playing time of any reel of tape. Features: 4 track stereo record/playback, 2 record VU level meters, 4 digit tape counter, single tape function control for rewind, stop, play, pause, and fast forward. Specifications: Takes reels up to 7°, Tape Speed, 3¼, 7½, 1½° IPS, separate erase, record, and playback heads. Input sensitivity: for "0" VU level—Mic. 0.5 mV, Hi-Aux—500 mV, Lo-Aux 160 mV, Output level 2.5V RMS, Bias Frequency—Nominally 110,000 Hz. Freq. Response @ 334 IPS—50 Hz to 12,000 Hz ± 3 db, @ 7½ IPS—50 Hz to 15,000 Hz ± 3 db, Size: 11¾ "D x 14¼" W x 5¾"H. Shpg. wt., 22 lbs. For 117 VAC 60 Hz.

27 R 45024W No Money Down\* Net 199.95

**NEW Professional TEAC-H1230 3 Head** Stereo Record/Playback Tape Deck



Walnut Side Panels

Professional 2 channel record/playback stereo tape deck with many outstanding features: dual blas position switch, front panel pause control, 3-motor drive system, Edi-Q system for editing and cueling, built-in mike and line mixer, dual speed hysteresis-synchronous capstan motor, and reel table height adjustment. Specifications: Tape speed 7½ IPS, 3¾ IPS. Three, 4 track, 2 channel, stereo or monaural; erase, record and playback heads. Signal-to-noise ratio, 50db. Frequency response at 7½ ips is 30-22 kMz, at 3¾ ips is 30-16 kMz. Output; 0.3V, for load impedance of 10K ohms or more, input; Mike—10K ohms, 0.3MV minimum, Line—10OK ohms, 0.1V minimum. 100 to 240 VAC, 50/60 Hz. 14¼ X 17¾ X 17¾ W x 8\*D, imported.

27 R 15068WX Shop, wt., 47 ibs, No Money Down\*

27 R 15068WX Shpg. wt., 47 lbs. No Money Down\* Net 349.50 Model A1250—Same Specs and Features as above but includes Automatic Reverse.

27 R 15076WX Shpg. wt., 5 lbs.

Lafayette Cat. No. 720

## 4 & 2 Channel Reel Stereo Record/Playback Tape Decks

#### NEW! AKAI Model 1730-SSD

4" Channel Demo Tape. 7" Takeup Reel. Connecting Cables



#### • 4 Channel Stereo Record/Playback

Fine performing reel to reel tape deck has complete facilities for 4-track 4 and 2-channel stereo recording and playback. Connects to any 4-channel stereo receiver or amplifier with tape input or output jacks. Features: 4 heads—record/playback and two erase; Automatic shut-off control—the power of the entire unit is shut off when tape comes to the end or is broken; Front and rear headphone jacks; 2 twin VU meters; Pause control for editing; 4-digit index counter 2 twin VI meters; Pause control for eating; 4-digit index counter with reset button; and universal voltage selector. Specifications: Tape speed—742 & 334 IPS. Frequency response—30 to 22,000 Hz. S/N Ratio—50 db. Recording Blas Frequency—100K Hz. 4-mic input Jacks: 0.4 mt/ 30K. 4-line input Jacks—40 mt/ 100K. Mysteresis synchronous 2-speed motor. For 100 to 240 VAC, 50/60 Hz. Size: 16½x18 x9½/." Imported. Shop, wt. 33 ibs.

27 R 56005WX No Money Down\* Net 299.95

#### **NEW! Panasonic RS-740US**

7" Take up Reel. Connecting Cables, Reel Holders. Splicing Tape



• 4 Channel Stereo Record/Playback

Record and playback your own 4-channel and 2-channel stereo reel Record and playback your own 4-channel and 2-channel stereo reethorneel tappes thru your hi-fi system with this two-speed (7½ & 3¾) tape deck, Enjoy 4-channel sound from the growing catalog of prerecorded tapes; or record from auxiliary 4-channel sources (there are 4-line inputs, one for each channel) or live by using the four microphone inputs. Features: Four separate record VU meters, Hot Pressed Ferrite heads, Automatic shut off at the end of the tape, 2 Stereo headphone outputs, 4-digit Tape counter, Tape Pause, Separate record level controls for channels 1-4. Specifications: Frequency Response 30—23,000 Hz. at 7½ IPS. Inputs: Mic. sensitivity, 0.56 my, Line in 30 my. Mike input Impedance, 5k to 20% ohms. For AC 120 V, 60 Hz. Imported. Size: 15¾ x 16¾ x 8¾". Shpg. wt., 28¾ ibs. 28% Ibs. 27 R 12289WX No Money Down\*

## **NEW! SONY/Superscope 366-4**

# With:

7" Take Up Reel. Connecting Cables,

4 VU meters. Record Equalization Selector Switch

• 4 Channel Stereo Record/Playback

High-quality Quadradial 2 and 4 channel record/playback stereo tape deck. Features: Automatic total-mechanism shut-off; Hyperbolic Heads which require no pressure pads, Tape/source monitoring; Record equalization selector switch; Vibration-free motor; Noise suppressor switch; Sound-on-sound capability; Servo-controlled back tension; Microphone/line mixing; Iwo stereo headphone monitor jacks; Mic. & aux. inputs. 4-digit tape counter; Specifications: 2-speeds: 3¾, 7½ IPS, Response @ 7½ IPS, 20—20,000 Hz. Max. reel size, 7". Bias frequency, 125 kHz. Sipani-to-noise: std. tape, 52 db; Low Input mike Impedance. Wow & Flutter @ 7½ IPS, .09%. Handsome walnut base, slanted for easy operating convenience. Size: 17 x 18¾ x 9¾". For 117 VAC, 60 Hz. Imported. Shpg. wt. 43 lbs. 27 R 60619WX No Money Down."

## PROFESSIONAL TEAC TCA-42



 4 Channel Stereo Record/Playback

> • 2 Channel 1/4 Track Stereo Record/Playback Automatic

Reverse in 2 Channel Playback Mode

With Dust Cover Connecting Cables, Take Up Real

Complete 2 and 4 channel record/playback facilities. 4 channel solid-state playback pre-amplifiers and built-in 4 channel stereo record pre-amplifiers are external (included). 4 large illuminated VI level meters. Professional mixing circuit for mix and gine inputs. 4 digit index counter. Specifications: 100 kHz bias oscilitator. Four heads: In-line play, In-line record, staggered erase. Reel size 7". Wow and flutter @ 7½ ips, 0.12% rms. Response: 50—15,000 Hz at 7½ IPS. S/N ratio 50 db @ 7½ IPS. Inputs: 4 microphone: 10k ohms, 0.25 my, 4 AUX: 100 ohms, 0.14V minimum, Output: 4 line, 1 voit rms. Tape speed; 7½ & 3¾ IPS. Size: 12 x 17½ x 7" (Tape Transport); 5½ x 17½ x 7" (Record Pre-amps). Imported. For 117 VAC 60 Hz. Shpg. wt., 73 lbs.
27 R 15084Y Tape Transport Dust Cover 2 lbs. Net 20.00 27 R 15082Y Cradle (Stand) for Teac 42. 4 lbs. Net 14.50

# 4-Channel 8-Track Stereo Tape Cartridge Players

## PANASONIC/LAFAYETTE 2 and 4 Channel 8 Track Stereo FM/AM/FM Music Systems



FM/AM/FM Stereo Radio

Lafavette RK-48 2 and 4-channel 8-Track Stereo Tape Deck

including 4 speakers

FM/AM/FM Stereo Radio with 2 and 4 channel 8-Track Stereo Tape Deck

with 4-channel amplifier

including 4 speakers

Net 8 95

PANASONIC RE-7750 FM/AM/FM Stereo Radio Featuring Quadrasonic 4-Channel Amplifier and 4 Speakers. Play discrete 4-channel input sources such as a 4-channel 8-Track Tape Deck or a 4-channel reel deck thru the RE-7750, Also has Panasonic's quadruplex derived Deck or a 4-channel reel deck thru the RE-7750. Also has Panasonic's quadruplex derived 4 channel circuitry built-in, 4-speaker sound separation from 2-channel sound sources. Each speaker enclosure has a 64½" air suspension speaker. Amplifier provides 40 watts of peak mustle power. Solid-State Circuitry. Built-in FM and AM antennas. Blackout and filuminated slide-rule tuning dial. FM Stereo indicator light. AFC on FM. Loudness control. Separate continuous tone controls for bass and treble. 4 separate slide lever volume controls. Output jacks for phono and 4 channel tape. External antenna and speaker terminals, in distinctive walnut wood cabinetry. Size: Amplifier, 456"x17½"x11½", ach speaker system 11½"x8½"x656". For 117 VAC, 60 Hz. Shpg. wt., 34 lbs. Imported. 17 R 31140WX No Money Down\*

Net 179.95

PANASONIC RE-7750 System and LAFAYETTE RK-48 2 and 4 channel 8 Track Stereo Tape Deck, Same as above but with 4 channel deck included to play new 4 channel 8 Track Stereo Tape Cartridges, (See page 3 for description of RK-48). Shpg. wt., 45 lbs.

99 R 92124WXM No Money Down\*

Net 269.90

NEW! Qaudio Compatible 2 and 4-Channel 8-Track Stereo Playback Sound System



Provides a totally new dimension in stereo sound. The Qaudio Playback/Amplifier plays the new 4-Channel and 2-Channel and 2-Channel stereo sound. The Qaudio Playback/Amplifier plays the new 4-Channel and 2-Channel 8-track Stereo cartridges. 4-channel stereo tapes reproduce 4 separate sound tracks simultaneously—gives you complete multi-dimensional stereo. System comes with 4 Lafayette Criterion 7x Speaker Systems. (See page 56 for description of 2x's). All solid-state circuitry. Output has 80 watts of music power (20 per channel). Controls: volume, balance, rear balance, tone, bass, treble, channel select. Program and channel indicator lights, 4 play-back level meters. Size of Playback/Amplifier 1834"Wx5\\\2012\\2014\\

Net 169.95 SEE Page 3 for Selection of 4-channel 8 Track Stereo Tape Cartridges.



Custom Indoor Set of 4 Speakers and Matching Grilis.

99 R 62861

#### Compatible 2 and 4 Channel 8 Track TAPE PLAYERS STEREO

Fisher CP-100 2 and 4 Channel 8 Track Solid State Stereo Tape Deck 8-Track Solid State Stereo Converter



■ Compatible—Plays both 2 and 4 Channel 8 Track Stereo Tape Cartridges

Plays both 4-channel and 2-channel eight-track tape cartridges. Can be used to convert your present stereo playback system to a discrete 4-channel system with the addition of a stereo amplifier and two speakers . . . or it can be hooked up to a 4-channel AM/FM stereo receiver or amplifier such as the Lafayette LR-440, LA-44, LA-2525, or the Fisher 701 and 601. The CP-100 automatically switches to the correct mode (2 or 4 channel) indicated by red jewel lights. It has three program controts: REPEAT-the same program played repeatedly; CHANGE-advance to the next program each time you push the button, with your selection indicated by a corresponding numbered red jewel light, CONSEC-plays continuously through all the programs and returns to the beginning. Specifications: Plays—8-track/2 & 4 channel, Frequency Response, 50-12,000 ftz., Tape Speed, 3¾ ips, Size: 4/akx10/4x10/4x10/4x". For 117 VAG 60 ftz. Shgz. wt., 10 lbs.

27 R 33020WX No Money Down\* Plays both 4-channel and 2-channel eight-track tape cartridges, Can

Fisher TX-420 2 and 4 Channel



■ 2 and 4 Channel 8-Track Tape Cartridge Player With Self-Contained Stereo Amplifier

By addition of just two speakers and the Model TX-420, all types of existing stereo arrangements—component systems, consoles or compacts—can be turned into discrete 4-channel systems. The TXcompacts—can be turned into discrete 4-channel systems. The TX-420 Converter is compatible with units now on the market and plays both 4-channel and standard 2-channel 8-track tape cartridges. In addition, it has input facilities for other 4-channel or 2 channel sources. TX-420 is rated at 50 watts total music power or 15 watts RMS per channel. Features front panel mounted volume, bass, treble and balance controls. Red jewel hights on the front of the walnut finish cabinet indicate the track being heard and whether 2-channel or 4-channel is being played. Connects to present systems through the auxiliary Input, tuner Input or the tape Input of the existing amplifier or receiver. Size: 16¼x11½x4½². For 117 VAC 60 Hz. Shpg. wt., 18 lbs. 18 lbs. 27 R 33012WX No Money Down\*

**Specialty 8 Track Stereo Tape Players and Recorders** 

AKAI 2 and 4-channel Stereo 8 Track Record / Playback Tape Deck

Includes 4 channel cartridge demo tape, all connecting cables, and head cleaning brush

# 4 Record and Playback Solid State Stereo Preamplifiers

Now you can record and playback 4 channel, 8 track stereo tape cartridges through your 4-channel stereo receiver or amplifler. The CR-80DSS is fully compatible—you can also record and playback 2 channel 8 track tape cartridges, Features: 4 VU Record meters, fast forward controt, Heads: 4 Track 4 Channel stereo Recording/Playback, 4 Track Erase, Input jacks: 4 mic-input levelf/impedance: 0.4mV / 30K ohms, 4 line input jacks: input level/impedance: 40mV, 300 K ohms. 4 line output jacks; 1 headphone jack, 19 transistors, 18 diodes. Tape Speed 334 IPS. Freq. Response, 50 to 16,000 Hz, Signal to Noise Ratio—better than 47 db, Recording bias frequency 65 kHz.



Size: 19.4"Wx5.5"Hx11.2"D. For 100V to 240V AC 50/60 Hz. Shpg. wt., 26 lbs. Imported. 27 R 56013WX No Money Down\*

AKAI Model CR-80SS-2 and 4 Channel 8 Track Stereo Tape Re-

corder—same features & specs as above but with 48 wart 4 channel stereo Power Amplifler built-in, All you need for a complete 4 channel system is to add 4 speakers, For 100V to 240 VAC 50/60 Hz. Imported. Shog. wt., 36 lbs.

27 R 56021WX No Money Down\* Net 299.95

Qatron Automatic 8-Track Stereo Tape Player/Changer

■ Plays Up To 12 Cartridges Instant-on Solid State Circuitry

**New Low Price** 

Up to 12 hours of continuous play. Automatically switches and selects 12 8-track tape cartridges in an easily removable rotary magazine. 4 Modes of operation—(1) Plays all channels of all tapes in sequence, (2) Plays random selection of tapes, (3) Plays individual tracks of each tape, (4) Repeat-play same cartridges, Aux. inputs for AM/FM stereo tuner. Power output—30 watts (15 per channel). Requires set of 2 external speakers for complete playback system. Mas Pre-Amp output for use with existing home stereo system. Separate tone and balance controls. For 117 VAC 60 Hz. Size: B81/4"Wx9"Hx161/4"D. Walnut vinyi finish base. Shpg. wt., 34% lbs.

27 R 28004WX No Money Down\* Net 269.95

**Dust Cover** 



## 8 TRACK STEREO TAPE RECORDERS and TAPE DECKS

PANASONIC RS-820S 3-PIECE SOLID-STATE AM/FM STEREO 8-TRACK CARTRIDGE RECORDER SYSTEM

- Each Speaker Enclosure Contains a 6½" Woofer and 2¾" Tweeter
- Handsome Walnut Wood Cabinetry

Luxurious in every way-from its distinctive walnut wood cabinetry and black and silver control panel to its magnificent sound per-formance, 8-Track Recorder section provides superb Record-Playback performance. Features track selector button, four illuminated track indicators, last-forward control, accidental erasure guard, Mono/Stereo playback change-over switch, speaker switch, and two large VU Record meters. AM/FM/FM Stereo radio features: 'Black-Out' dial face, FET tuner, AFC on FM, and separate sliding bass and treble controls. Brilliant sound is assured by 2 separate two way full range speaker systems, 32-watt peak music power, super sensitive stereo balance control, imported, For 110/4C 60 Hz. Size: 201/a x 6/4 x 144/a\*\*D. Shpg. wt., 594/2 lbs.

17 R 31868WX No Money Down Net 299.95 tures track selector button, four illuminated



Accidental Erasure Guard

2 VU Record Meters

Hide-Away Cartridge Bin

#### **DELUXE VIKING 811R 8-TRACK SOLID STATE HOME** STEREO CARTRIDGE RECORD/PLAYBACK DECK



High quality 8-track stereo tape cartridge RECORD/PLAYER deck in a handsome wainut cabinet with built-in record/playback preamp for use with existing stereo equipment in the home. Features a special Logic Circuit that permits choice of continuous play or auto-stop at end of tape in PLAY mode, and, allows choice of auto-stop at end of single track or completion of all 4-tracks in RECORD mode. Unit automatically plays when cartridge is inserted; has automatic and pushbutton track selection; 40-15,000Hz response; 0.3% rms wow and flutter; numerical track indicator; VU meter; record button interlock, and pilot light. For 117 VAC. 60 Hz. Size: 15¼ x 11 x 4". Shps. wt., 18 lbs.

27 R 68091W No Money Down PANASONIC RS-803US SOLID STATE 8-TRACK STEREO CARTRIDGE RECORD/PLAY DECK



Solid-State 8-Track Stereo Cartridge Record/Play Deck with fast wind permits quick selection of the tape sections you wish to hear. Two easy-see VU meters for visual indication of recording level on both channels. Separate volume controls for left and right channel, push button controls for recording and program selection. Auto-Stop switch for shuttling the recorder off when the tape reaches the end of the last track. Safety lock record button guards against accidental erasing or recording. Lighted channel indicators Solid State circuitry. 2 mike 2 Aux input; facts Stores indicators. Solid State circuitry. 2 mike, 2 Aux input jacks. Stereo Headphone ouput. With 4 connecting cords, one head cleaning bar. 16-6 x 442 x 944", For 117 VAC 60 Hz. Imported.

27 R 12271W Shpg. wt., 13-1/2 ibs. No Money Down\* Net 99.95

CONCORD MARK 8 REEL-TO-REEL STEREO RECORDER with Built-in 8 Track Cartridge Recorder

 Internal Copying from Reel-to-Reel to 8 Track

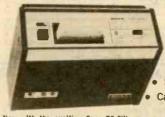
Records stereo 8 car-tridges from reel-to-reel tapes, or from aux. (tuner, tape) and phono inputs. Also records and plays back 4 track stereo and mono reel-to-reel tapes. Features self - contained wide range speakers, mon-itoring amplifiers, external speaker output jacks, stereo headphone ouput



stereo headphone ouput jack, 2 Illuminated VU record level meters, 4 digit tape counter, illuminated VU record level meters, 4 digit tape counter, illuminated 8 track channel lights, pushbutton 8 track selector button, separate slide controls for left and right channel volume, 8 track fast forward pushbuttons, Freq. response—Reel: 50 to 19,000 Hz. at 7½ jps, 8 track: 50 to 12,000 Hz. s/N Ratio: 45db. Mike input impedance: 600 ohms. Reel recorder takes up to 7" reels. Size: 10% x 13% x 18¼". For 117 VAC 60 Hz. Imported. Shpg. wt., 47½ lbs. 27 R 33387 WX No Money Down\*

Net 289.95

SONY/SUPERSCOPE TC-8W "8 TRACK" SOLID STATE STEREO CARTRIDGE RECORDER/PLAYER DECK



Stand-by Switch Cartridge Alignment

Indicator

Now with the exciting Sony TC-8W, you can select and record your own-library of stereo 8-track cartridges for automobile and home use. own-library of stereo 8-track cartridges for automobile and home use, Instantly connects to your home system for recording or playback. Features "Sonymatic" AGC which automatically adjusts recording level. Perfect track alignment is assured by alignment indicator light and automatic power mechanism which turns unit on only when cartridge is properly inserted and shuts it off at the end of the tape. Also has record interiock to prevent accidental erasure. Illuminated Track Indicator, Stereo Headphone Jack, Track Selector Switch, and Stand-by switch. Mike and Aux, Input jacks. Frequency Response; 40-12,000 Hz. Wow and Flutter: 0.32%. Size: 10%" x 13" x 6%". Imported. Shpg. wt., 14% lbs.

27 R 60510WX No Money Down\*

Net 139.95

Get The Tape Recorder You Want Now! No Money Down

## PORTABLE 8-TRACK TAPE CARTRIDGE PLAYERS

Portable Battery/Electric 8-Track Stereo Tape Player

ONLY FO95

- . Includes 117VAC line cord for home use. and a 12V adapter cord for car or boat use
- . Instant-on Solid State Circuitry
- Slide Rule Tone and Volume Control



Truly portable! Listen to 8-Track Stereo Cartridges wherever you go on the beach, on a picnic, in the country, or in your backyard. This deluxe instant-on solid state 8-Track Tape Cartridge player operates on 117 VAC or 8 "D" cell batteries, Separate left and right slide rule volume controls and slide rule tone controls. Two quality hl-fi speakers assure many hours of listening pleasure. Channel selection is automatic or manual with pushbutton and has indicator light. Highly attractive units fold together and latch securely for the ultimate in portability and handling. Also has high impact plastic case with modern grip-type carrying handle. Size: 11Wx9Hx61/4"D. Imported. Shop, wt., 81/2 lbs.

17 R 69488W No Money Down\*

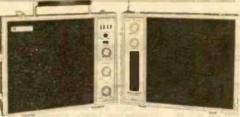
Net 59.95

99 R 62564 "D" Batteries for above, 8 reg.

Net ea. .18

#### Portable 8-Track Tape Player and AM/FM/FM/Stereo Radio

Batteries AC Line Cord Car Adapter



#### FEATURES 3-WAY OPERATION:

- 1) Self-Contained Battery
- 2) 117VAC Home Current
- 3) 12V DC Neg. Ground Car System

Deluxe all Transistor portable 8-Track Tape Cartridge Sound System with built-in AM-FM Cartridge Sound System with built-in AM-FM stereo radio. Unious player operates on 117 VAC, or on 8 "D" batteries (included), A cigarette lighter adapter cord (included) also permits this amazing player to be used in car and boats with a 12 VDC negative ground electrical source, Magnificent sound quality is achieved thru use of 2 high compliance 3"x6" speakers each mounted in an acoustically matched enplayer that can be placed as ally matched enclosure that can be placed as

far as 5 feet apart for maximum stereo effar as 5 feet apart for maximum stereo effect. Also features channel selector button, channel indicator lights, continuous tone control, FM stereo indicator light, built-in telescoping FM antenna, and left and right channel volume control. Size: 9x11x61/4"D. Imported. Shop, wt., 141/2 lbs.

No Money Down\*

17 R 26397W

Net 114,95

Extra "D" Batteries, 8 required 99 R 62564 Net ea.

#### Portable 8-Track Player

Car Cigarette



 Listen to 8-Track Tape Cartridges Wherever You Go

An exciting way to listen to 8-track stereo tape cartridges. Portable instant-on solid state tape player operates on 6 "D" batteries state lape player operates on 6 "D" batteries (not included) or may be plugged into the cigarette lighter of any car or boat with a 12V neg. ground electrical source. Continuous tone control and dynamic speaker for quality sound reproduction. Earphone jack for private listening. Channet indicator, Integrated carrying handle, includes 6 transitors and 1 thermistor, 8"Ha?"Wa314"D. Imported, Shpg. wt., 5¾ lbs.

17 R 26330.

Net 34 95.

17 R 26330 Net 34,95

"D" Batteries, 6 required 99 R 62564

Net ea. .18

#### Portable Auto/Home 8-Track Stereo Tape Player

with 12 VDC

. Operates on 117 VAC Household Current or Car 12 Volt Negative Ground System By Plugging Unit into Car Cigarette

. Instant-on Space Age Solid-State Circultry

Car Adapter, and AC Line Cord. Completely self-contained 8-track stereo tape cartridge player provides outstanding hi-fi sound reproduction everywhere. At home, all you do is plug the player into any 117 VAC electrical outlet, insert the cartridge, and sit back and listen to beautiful music. When you are driving, just place the player on the floor or on the seat next to you—plug the car adapter cord (included) into the clarester lighter socket for hours of musical motoring. When not being used in the car, the player can be stored in the trunk to prevent theft. Features separate slide controls for volume, balance, and tone plus a push-button channel selector. Two built-in 5" wide range dynamic speakers. Also includes extends speaker terminals, Power output: 5 watts per channel, Size: 735WX725HX8"D. Imported. Shpg. wt., 12 lbs. 17R 4402W No Money Down\*





FOR YOUR HOME



## **LAFAYETTE Stereo 8-Track Listening in the Car**

Deluxe LAFAYETTE "Stereo 88" Solid State 8-Track Cartridge Car Tape Player



Renowned LAFAYETTE Hi-Fi Stereo Quality and Performance For The Car

Complete with Adjustable Mounting Bracket, and all Mounting Hardware. Less Speakers.

- · Power Output: 12 Watts
- . Instant-On Space Age Solid-State Circuitry
- Individual Illuminated Track Indicator Lights
- Pushbutton Track Selector
- Volume, Balance, and Tone Controls
- For 12 Volt Negative Ground System

Beautifully designed stereo car tape system superbly engineered to provide high quality stereo sound playback of 8-Track Stereo Pre-Recorded Tape Cartridges. Features a built-in Burgiar Alarm System to prevent theft. The "Stereo 88" measures only 2%H x 7W x 7%-D, and can be easily mounted under the dash of your car with attached adjustable mounting bracket. Fully automatic—just slip in 8-track tape cartridge and the "Stereo 88" plays instantly. Removal of cartridge automatically switches player off. Illuminated

AFAYETTE MICRO 8

track indicator shows track that is playing. Tracks change automatically after end of each program or instantly by operating the selector button. Frequency Response: 50 to 10,000 Hz; Signal-To-Noise Ratio: more than 40 db. Wow and Flutter: less than 0.3%. 12-transistors, 1-diode, 4-thermistors; Output Impedance: 4-ohms. For 12 volt negative ground systems. With mountling bracket and hardware. Imported. Shfg. wt., 8½ lbs. Less Speakers.

99 R 15521W No Money Down\*

## LAFAYETTE "Micro 8" Stereo 8 Track Car Tape Player



- Compact Size—For Easy Installation
- · Individual Illuminated **Channel Lights**
- Pushbutton Channel Selector Button
- "Instant-on" Solid State Circuitry

Listen to beautiful 8-track stereo track cartridges in your caf. Compact design permits simple installation—even where space is at a premium. Player is only 73%"0 x 5½"W x 23%"H in size. Fully automatic operation—turns on when a tape is inserted, changes tracks automatically at the end of each program. A selector button permits you to instantly change tracks. Individual illuminated lights tells you which track is playing. Balance control to adjust for proper stereo channel separation. Separate volume and tone controls. Power output 10 watts. Freq. Response 30-10,000 Hz. For 12 volt neg. ground systems. Adjustable mounting bracket Imported. tems. Adjustable mounting bracket. Imported,

17 R 01143W Shpg. wt., 53/4 lbs.

Net 39.95

Net 6.95

Pair of Two 3 x 5" matching speaker systems 99 R 62994 Shpg. wt., 21/2 lbs.

## **8-TRACK** Stereo Tape Players for the Car NEW! TENNA TC-82-T 8-TRACK STEREO TAPE PLAYER



**OUTSTANDING FEATURES** 

• Built-in Burglar Alarm

· Self-Cleaning Tape Head · Hidden Channel Indicator

· Fine Tuning

· Fast Forward

Automatic Eject

• Tape Light . Motor On/Off Switch

WITH ALL MOUNTING HARDWARE, LESS SPEAKERS

Deluxe, highly styled solid-state 8 Track Stereo Tape Player with exciting features: Built-in Head Cleaner cleans the head each time the cartridge is inserted; Fast Forward Button advances tape at a faster rate to pinpoint exact selection desired. Eject Button automatically ejects cartridge when ignition is shut off protecting cartridge pinch rollers. Built-in Tape Light for easy selection reading at night. Motor Switch reduces ignition noise and battery drain when a cartridge radio pack is operating in the player. Theft-prof Built-in Burglar Alarm blows hom continuously when an attempt is made to steal a properly installed player. Fine Tuning adjusts for worn or defective cartridges, tunes out crosstalk. Hidden Channel Indicator

...single channel number is illuminated; each number in a different color. Mighly Styled Slide Controls for easy Tone, Volume and Balance adjustment. Reverse polarity for 12 volt negative/positive ground cars. Also includes automatic or pushbutton track selection. Peak audio output: 14 watts. Measures only 7½W x 3H x 7½°D. Frequency Response: 40-12,000 Hz. Impedance: 4 ohms. With universal mounting bracket. Imported.

17 R 74686W No Money Down\*, Shpg. wt., 7 lbs. ....

Set of 2 Matched Rear Deck Speakers. Imported. 99 R 62986 Shpg. wt., 3 lbs.

Net 9.95



 Illuminated Channel Indicator Light A fully automatic 4 and 8-track stereo tape player with exclusive fine tuning control and bullt-in Burglar Alarm. Any attempt by unknown persons to remove a properly installed player will result in setting off the built-in alarm system—continuous horn blowing to scare the would-be thief away. Handsomely styled in black and chrome, this compact unit measures only 27% x 7% x 8" and can be easily mounted under the dash of your car with attached universal bracket. Fully automatic-no switches or lever to select choice of cartridge. Either 4 or 8 track cartridge slips in easily and plays instantly. Provides superb tape reproduction, Removal of cartridge automatically switches player off. Fine tuning control tunes out undesirable crossalk in worn or defective 8-track cartridges by adjusting the playback head to precision alignment with the recorded tracks. Illuminated channel indicator shows channel that is playing. Channel changes automatically after each program or instantly by operating the selector bar. Specifications: Peak Audio Output: 20 wats; Impedance: 4 ohms each channel; Transistors 12, Thermistors 4; Battery drain: .75 amp; Tone Control. For 12 volt neg./pos. ground. Imported. A fully automatic 4 and 8-track stereo tape player with exclusive fine tuning control and Imported.

17 R 74496W Shpg. wt., 8 lbs. No Money Down\*
Set of 2 Matched Lafayette Car Speaker Systems
99 R 62994 Shpg. wt., 2½ lbs.

Federal Safety Regulations
• Fully Automatic—Instant Operation

See Page 22 for Full Credit Details on Easy Pay Plan

LOW

PRICE

## Stereo Tape Player For Volkswagen Cars

Custom In-Dash 8-Track



For 1967-1971 Series 1200 And 1300 Cars. Can Be Used in Prior Year VW Cars with Optional Voltage Adapter.

Net 6.95

 Includes All Mounting Hardware and Two 4" Speakers

Custom installation, in addition when using the FM Stereo Tuner adapter listed below, the 8-track player becomes a fine performing FM stereo car radio. Pushbutton track selector or changes tracks automatically, instant on solid state circuitry, for 12 volt, neg. ground systems, includes two 4" speakers, imported, Shpg. wt., 9 lbs, 17 R 26421W No Money Down' Net 74.95 WC 8525 6-volt voltage Adapter for 1955 thru 1966 Cars, Shpg. wt., 2 lbs. 17 R 26439 Net 14.95

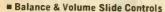
FMX 8401 Universal FM Stereo Tuner Cart-ridge input, Shpg. wt., 21/4 lbs. 17 R 26348L No Money Down\*. Net 49.95

# 8-TRACK Car Stereo Tape Players

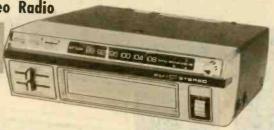
with Built-In Stereo Radio

## NEW 8-Track Solid-State Car Stereo Tape Player With FM/FM Stereo Radio

With All Mounting Hardware, Less Speakers



- Channel Indicator Lights
- Channel Selector Button
- Channel Repeat Button
- FM Stereo Indicator Light
- Local/Distance Switch



Attractively styled 8-track car stereo tape cartridge player with built-in FM/FM stereo radio. Incorporates the latest solid state integrated circuitry, Power output per channel is 7 watts, Features slide control for volume and balance, tone control, FM stereo indicator light, slide-rule tuning, pushbutton track selector, and channel repeat button. For 12-Volt negative ground systems, Size: 8"wx81/4"Dx31/6"H. Imported. Shpg. wt., 8 lbc.

17 R 80063W No Money Down\*
Set of two Lafayette Matched Car Speaker Systems. Imported.
99 R 62994 Shpg. wt., 2½ lbs.

Net 6.95

## NEW Deluxe Tenna TC83-MPX Solid-State Car Stereo Tape Player With FM/FM Stereo Radio

- Built-in Burglar Alarm
- Self Cleaning Tape Head
- Fine Tuning
- Fast Forward
- Automatic Eject
- Tape Lite
- Separate Slide Controls for Balance, Volume, And Tone

Combination of a deluxe performing 8-track stereo car tape player and FM/FM stereo radio, Features all the latest innovations for improved 8-track listening pleasure. The FM/FM stereo radio provides crisp, clear, static-free reception. Built-in burglar alarm helps prevent theft. Fast forward button advances tape at a faster rate to pinpoint exact selection desired. Instant on solid-state circuitry, For 12-Volt negative ground systems. Size 7½-"Wi814"-Dx336"-M. Imported. Shpg. wt., 11 lbs.
17 R 74678 No Money Down\*
Set of 2 Qeluxe lafavette Rear Poet Speakers Imported.

Set of 2 Octube Lafayette Rear Deck Speakers. Imported. 99 R 62986 Shpg. wt., 3 lbs.

With All Mounting Hardware, Less Speakers

## "In-Dash" 8-Track Car Stereo Tape Player With AM/FM/FM Stereo-Radio



With Universal Face Plate, And Mounting Hardware

#### CUSTOM INSTALLATION KITS

Custom Installed Kits Are Available For Most Cars Specify Make, Model, And Year of Car. Allow 3 Weeks For Delivery. No COD's. Shpg. wt., 2 lbs.
17 R 80089Z Net 6.95

One of the most complete universal car sound systems ever designed. Includes an AM/FM/FM stereo radio and 8-track stereo tape player in one compact case with adjustable shafts. For in-dash installation optional Custom kits are available. Features advanced solid-state circuitry—6 IC's, 14 silicon transistors, and 14 diodes. 7-watts output per channel. Controls: volume, tone, balance, channel selector stereo/mone switch. Also has channel indicator lamps, and FM stereo indicator light. For 12 Volt neg. ground systems. Size: 736"M25"45"17".D Imported. 17 R 80071W NO Money Down" Shpg. wt., 8 lbs. Net 149.95 Set of 2 Deluxe Lafayette Rear Deck Speakers. Imported. 99 R 62986 Shpg. wt., 3 lbs. Net 9.95

See Page 22 for Full Credit Details on Easy Pay Plan

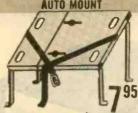
## **Speakers and Mounts for 8-Track Car Tape Players**

LAFAYETTE "QUICK MOUNT" STEREO HI-FI CAR SPEAKERS



- Handles 10 Watts Per Speaker
- . Easily Fastens to the Fire Wall, Kick Panel or Under Seat

Quality pair of 51/2" speakers with 5.5 oz. ceramic magnets, and cloth roll suspension for true hi-fi sound in the car. Impedance, 8 ohms. Will mount in minutes. No holes to cut or saw. Just drive screws through the convenient flanges on the outer plastic grill. Includes wire, hardware, and illus-trated mounting instructions. Wt., 6 lbs. 32 R 01977 Per Pair Net 14.95 TAPE PLAYER FLOOR AUTO MOUNT



Adjustable—Fits all Tape Players

Screws firmly to floor, 1" strap holds tape  For Car Tape Players

**UNIVERSAL Lock Mount** 



 Remove Your Tape Player When Your Car is Unprotected

Prevent the theft of your car stereo tape player. Makes your player removable. Takes minutes to install, Adjustable mount adapts to car stereo tape players or CB transceivers. Once Installed, no screws or wires are needed to disconnect player from mount. Plugs-in and locks. For 6 or 12 V. neg or positive ground. Dim.: 649Wx74bDx174,

17 R 63010 Shpg. wt., 21/4 lbs. Net 7.95

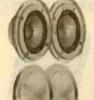
#### CAR SPEAKER SWITCH



Now use your car radio speakers to play your stereo tape player. No need to buy additional speakers. Comes complete with wire, chrome plate and mounting instructions.

17 R 63036 Shpg. wt., 4 oz. 2.4 Net 2.85

PAIR OF TRUSONIC DIE-CAST STEREO HI-FI SPEAKERS FOR THE CAR



With Criffs and

Mounting Hardware

- · Power Handling: 12-Watts
- For Door or Rear Deck Mounting • Frequency Response: 50-18,000 Hz

The ultimate in auto speaker design. Powerful 5" full-range speaker delivers brilliant clean highs to 18,000 Hz and deep solid bass down to 50 Hz. Features rigid die-cast frame, free cone suspension, 2 ib. magnet structure and 1" edge wound wire ribbon voice coil. Handles 12 full watts of power. Custom mounts in door panels or on rear deck.

32 R 49489 2-Speaker Kit. Shpg. wt., 8 lbs. Net 29.95

#### REPLACEMENT GRILLS FOR CUSTOM CAR SPEAKERS



188° 88°

For 5" speakers, Two types to choose from:

perforated steel or black molded plastic. Supplied with all necessary hardware, Shpg.

Perforated steel-diameter 53/4". Net .99

Black molded plastic-diameter 5% Net .88

#### LAFAYETTE Speakers for 8-Track and Cassette Car Stereo Tape Players

"VARY-MOUNT" FLUSH MOUNTING SPEAKER

PAIR OF 3 x 5 UNDER-DASH MATCHING SPEAKER SYSTEMS

**CUSTOM INDOOR SET** OF FOUR SPEAKERS & MATCHING GRILLES

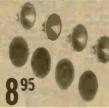
**DELUXE PAIR OF** REAR DECK MATCHING SPEAKER SYSTEMS







Handsome pair of two 3 x 5" wide-range ceramic speakers mounted in plastic housing Will mount under dash, under seats. on kick panels, doors, or rear package shelf. Includes all nec-essary cables and mounting hardware, Impedance, 8-ohms. Imported. Shpg. wt., 2½ lbs. 99 R 62994 Net 6.95



Ready for quick installation, Im-Ready for quick installation. Improves the sound of any car tape player. Kit includes: Four 44x extended range 8-ohm PM speakers; four round custom mount plastic speaker grills; hookup wire with solderless connectors; mounting hardware and easy instructions, Imported, Wt., 31/2

Net 8.95

99 R 62861



Set of two powerful 4" speakers mounted in handsome ebony plastic cabinets with sliver trim. pesigned to mount on car's rear deck. 5 watts peak handling power. Provides outstanding sound reproduction, Includes all necessary cables and mounting hardware. Imp. 8 ohms. Wt., 3 99 R 62986

## Accessories For Car 8-Track Stereo Tape Players

## **Deluxe Lafayette Home Power Supply For Car Tape Player**

Made In U.S.A.

- Converts 115 VAC to 12 VDC
- Handles Up To 4 amps
- Heavy Duty Binding **Posts**
- Neon Indicator Light
- Accessible Fuse On Front Panel



Double the use of a car stereo tape player, car radio, or mobile CB transceiver by using it in your home or office. Converts 115 volts AC to 12 volts DC. Handles a load of 4 amps. Features on/off switch, heavy duty color coded binding posts, neon indicator light, and accessible fuse in front, Black metal cabinet. For 117 VAC, 60 Hz, Size: 4%W x 64/2D x 3"M. Shpg. wt., 6 lbs 17 R 01945

#### MOBILE BURGLAR ALARM FOR CAR TAPE PLAYERS AND RECORDERS



- Prevent Theft of Your Equipment
- Solid State Integrated Circuit
- For 12 V. Neg or Pos Ground

Burglar alarm connects to your horn and Tape Player or 2-Way Radio, Horn automatically blows when someone tries to steal equipment. Two-way switch permits you to remove your unit without sounding alarm. Features reliable, solid-state tC circuitry. Complete with instructions, wire and mounting hardware.

42 R 71011 Shpg. wt., 4 oz. .... Net 4.95

CARRYING CASE FOR 8-TRACK TAPE CARTRIDGES

Holds up to 10 Cartridges

Keep tape cartridges for your car neat, orderly, dust free. Compact. 9x6x6" case stores 10 tapes of any standard brand. Shpg. wt., 13/4 lbs. Net 2.95

126 Lafayette Cat. No. 720

#### UNIVERSAL POWER CONNECTOR HARNESS FOR CAR TAPE PLAYERS



Ideal for installing tape players in cars. Features one plug-universal to all car stereo tape players. Inline fuse holder and speaker leads. Complete instructions for: 5 pin, 4 pin, 4 pin "Y", and 4 pin "odd" connections. Shpg. wt., 6 ozs.

17 R 63028

#### **AUTOMATIC 4-TRACK TAPE** CARTRIDGE ADAPTER

 Permits 4-Track Tape Cartridges To Be Played on 8 Track Tape Players

Universal adapter that turns any 4-track cartridge into an 8-track cartridge. Simply insert adapter into your 4-track cartridge—can easily be moved from cartridge to cartridge. Shpg. wt., 6 oz. 17 R 26132

Net 2.95

#### **UNIVERSAL FM Stereo Tuner Cartridge**

with Auto-Y



#### Converts Stereo 8-Track and 4-Track Car Tape Players Into an FM Stereo Radio

- . FM Stereo Indicator Light
- · Built-in AFC

Listen to full dimensional FM stereo radio broadcasts in your car. Inserts into your car tape player just like a regular tape cartridge. Requires a 9-volt battery (not included). Features instant-on solid-state circuitry, FM stereo indicator light, built-in AFC to prevent station drift, roll-bar FM tuning, and an auto-Y antenna. Size: 7½ x 31½, x 7/8"D. Imported.

17 R 43053L Shpg. wt., 1 lb. Net 29.95 99 R 60212 9V Bat, for above Net

#### FM TUNER CARTRIDGE FOR 8-TRACK CAR TAPE PLAYERS



 Turns Your 8-Track Tape Player Into an FM Car Radio

Converts any car, boat or home 8-track tape player to an FM radio with full, rich sound. Solid state circultry with 8 transistors. Built-in AFC locks in stations. Precision silde rule tuning dial. Tuning range: 88-108 MHz, Imported, Shpg. wt., 1% lbs.
17 R 61006L Net 19,95

99 R 60212 Extra 9V battery Net

#### DELUXE CARRYING CASE FOR 8-TRACK TAPE CARTRIDGES

 Holds Up To 24 Cartridges

Deluxe Lafayette all wood carrying case. Measures 171/2WX61/2MX74/2"D. Black simulated alligator vinyt covering. Felt inserts, brass fasteners, and handle. Shpg. wt., 41/4 lbs 28 R 78064W

Lafayette Stocks A Complete Line Of Tape Accessories

## 8-Track Recording Tape, Test Tapes and Accessories

Lafavette 8-Track Cartridge Mylar Recording Tape



Continuous loop 8-track cartridges well lub ricated to preserve tape life. Fits all standard 8-track recorders and players. With UNI-tension pressure pads, precision molded tape guide. Shpg. wt., 6 oz.

TE	Stock	Record	N		
	No.	Time	1-5	6-11	12 up
28	R 01421	35 Min.	1.69	1.49	1.29
281	R 01439	70 Min.	1.95	1.79	1.49
28	R 01355	80 Min.	2.25	2.05	1.85

Lafayette 8-Track Tape **Head Demagnetizers** 



A must for all owners of 8-track tape car-tridge recorders and players. Removes ex-cessive magnetic build-up on heads. Use after every 15 hours of player use. Shpg. wt., ¼ ib. Imported. For 117 VAC Home Players 99 R 15091

For 12 VDC Car Players 99 R 15422 Net 5,95 Scotch 8-Track Cartridge For Extra Reliability



As Low As

For use with all standard 8-track stereo tape recorders. 1 mil tensilized polyester. Includes cardboard storage half box and indexing label, Shog. wt., 6 oz.

Stock No	Туре	Record	Net ea. 1-11 12-up
28 R 33481	S-8TR-40	40 min.	2.17 1.97

Non-Abrasive 8-Track **Head Cleaning Cartridge** 



A safe, non-abrasive method of cleaning your tape head and capstan, Removes dust, oxide, grit and other foreign matter, assuring maxinum fidelity and performance. Complete cartridge and special cleaning fiquid. Easy to use. Shpg. wt., 6 oz.
28 R 78122

Net 1.29

#### 8-Track Test and Head Cleaning **Tape Cartridge**



#### 3-In-1 Cartridge

- 1) Tests For Proper Head Alignment
- 2) Tests For Stereo Balance
- 3) Cleans Tape Head

Keep your stereo 8-track tape player sound-ing new with this professionally calibrated test tape. Cleans tape and restores full richness of tone. Checks for proper align-ment of heads to eliminate crosstalk Checks for proper equalization of channels. 28 R 92016 Net 1.49

> 8-Track Tape Cartridge Maintenance Kit



An all-in-one kit for your 8-track cartridge tape system, can also be used for your cassette tape system. Leeps heads in top operating condition. Contains cleaner, lubricant, applicators, brush and convenient storage case. Simple operation with descriptive instructions, Brushes fit together to reach depths of player system, Ideal for all 4 and 8 track systems. Shpg. wt., 1/2 lb. Net 1.95 28 R 78015 Net 1.95

Tape Cartridge Home Storage Cabinet



 Holds Up to 30 Cartridges · Store in Bookcase, on Wall, or on Top of Desk or Stereo Cabinet

Economy and styling are combined in this new cabinet. The one piece molded insert stores tapes in individual compartments and assures neat stocking and easy cataloging of titles. Size 24 x 3 % x 71/4". Shpg. wt., 51/2 lbs. 28 R 78130W



Lazy Susan Type 8-Track Tape Cartridge Storage Rack

• Holds Up To 48 Tapes • Lazy Susan Type Base

Easy access to your 4 and 8-track tape car-Easy access to your 4 and 8-track tape cartridge. No more misplaced tapes, Attractively styled wood and masonite storage rack with simulated walnut viny! finish. Has "Lazy Susan" type base, Holds up to 48 tapes, Size: 9½W x 9½D x 12½"H. 28 R 78049W Shpg. wt., 5 lbs. Net 10.95 8-Track Tape Head Cleaning Cartridge



 Automatically Cleans Tape Head

A must for removing coating deposits from tape heads to restore high frequency re-sponse and volume. For use in any 8-track player accepting 8-track cartridges. Easy to use and reuse. Simply run the cartridge for a short period a short period 28 R 12923 Shpg. wt., 5 oz. ..... Net .99

Super Deluxe Tape Cartridge Storage Cabinet



. Holds 45 Cartridges

• True Wood Finished Door

The ultimate in tape storage featuring a true wood finish hinged drop down door and molded insert which stores tapes in individual compartments. Construction similar to fine speakers. Size 24¼ x 6¾ x 111/4". Shpg. wt., 81/2 lbs. 28 R 78148W Net 19,95

## ROBINS

#### CASSETTE AND CARTRIDGE RECORDER/PLAYER TAPE ACCESSORIES



CASSETTE AND CARTRIDGE BULK TAPE ERAS-ERS. Removes recorded sound from the en-tire tape in seconds, restoring tapes to "like-new" blank condition to a lower level than that of your recorder. Now erase permanently recorded cassettes when desired. Operation: 110V., 50/60 Hz AC.

(A) TMC-1 for Cassettes. Shpg. wt., 21/2 lbs. 28 R 72265 Net 13.20

(B) TMC-2 for Cartridges. 28 R 72273 Shpg. wt., 4 lbs. Net 19.79

for Cartridges, Shpg. wt., 93/4 lbs.

(C) TMC-3 UL listed Professional Bulk Eraser 28 R 72281 No Money Down Net 36 40 CASSETTE RECORDER AND CARTRIDGE PLAYER MEAD DEMAGNETIZERS. Recommended by equipment manufacturers to remove excessive magnetic build-up on heads. Use every 15-20 hours of player use. Built-into Cassette and Cartridge.

(D) TD-10 for Cassette Players. Built-in pilot light. 110v., 50/60 Hz AC. Wt., 7 oz. 28 R 72299 Net 6.19

(E) TD-12 for Home Cartridge Players, 110V., 50/60 Hz AC. Shpg. wt., 11 oz. 28 R 72307

TD-15 for Auto Cartridge Players. (Not illus.). 12 Volt DC model. Wt., 10 oz.

28 R 72315 Net 10.49



ing and repairing of Cassette .150 tapes are now possible. Strip in sound effects and passages into existing tapes, repair broken

passages into easing topus, repair tapes, etc. (F) TS-115. Economy model "Cut-N-Splice." Cuts at 45° angle, 25 pre-cut, self-stick splicing patches included. Shpg. wt., 5 oz. 28 R 72356 Net 2.98

(6) TS-215 Precision pocket size splicing block with choice of either 45° or 90° angle cut. Block comes in self-contained plastic carrying case with cutting blade and 25 precut splicing patches. Wt., 5 oz.

28 R 72364 CASSETTE AND CARTRIDGE TEST STROBES. With Strobe Tape and Light built-in, Check your player/recorder for proper speed, Too fast produces flutter. Too slow, creates tape drag or wow. 110 V. 50-60 Hz. A.C. (J) TSC-9 Cassette. Shpg. wt., 6 oz.

28 R 72414 Net 4.10 (K) TSC-8 8-Track Cartridge, Shpg. wt., 8 oz. 28 R 72422 Net 4,95

TSK-2 CASSETTE SOUNO SALVAGE KIT. (Not illus.) Restore valued recorded tapes in broken or damaged Cassettes to original operating state. Kit has complete Cassette housing and parts with simple illustrated instructions for salvaging tape and assembling cassette

28 R 72562 Shpg. wt., 4 ozs. Net .75 TSP-140 CASSETTE SENSING AND CUEING TAPE. (Hot illus.) Aluminum foil tape can be cut to any length and placed on any desired section of cassette tapes to cue automatic stop, reverse, and other electronic sensing controls. 140"x150"L

28 R 72570 Shpg. wt., 3 ozs .... Net 1,89

(H)TCC-9"CARTRIDGE" COMPACT CARRYING CASE. Attractive, low cost, heavy duty vinyl, alligator grain, carrying case. Stores 12 8-track cartridge tapes. Ideal for home, auto, outdoors

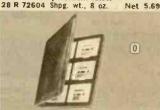
28 R 72588 Shpg. wt., 1 lb. Net 3.29 TT-15 Splicing patches for splicers. Pre-cut, self-stick, Pkg. of 100. Wt., 2 oz. 28 R 72380 (Not illus.)

AGE CASE. Hold 10 Cassettes, Head Demag-netizer, "3-in-One" Head Clean and Test Tape, 240 Color-Coded Index Spots and Log Book, Shog, wt., 1 lb.

(L) PHONE PICK-UP TRP-4. Record phone conversations with friends and relatives. Attaches by suction cup to receiver of phone. Plug attached. Simple, easy to use.

28 R 72430 Shpg. wt., 5 oz. Net 2.95 (M) TCA-8 8 TRACK CARTRIDGE TAPE ALBUM. Stores 8 8-track cartridges in their original canisters or packs, ideal for bookshelves 28 R 72596 Shpg. wt., 11/2 lbs. Net 3.69

(H) TK-36 CASSETTE TAPE EDITING KIT. Has IS-115 "Cut-N-Splice" splicer; 25 splicing patches, TCW-2 cassette tape tension winders supply of TCL-20 color-coded self-stick cassette replacement title labels, TL-80 color-coding numbered index spots, and TCL-30 color coded owner Identification cassette end labels. An excellent value.



(O)—TSA-1W BOOK TYPE C CASSETTE STORAGE ALBUM, Holds 12 Cassettes neatly in reces-sed compartments. Decorative walnut grain cover. Extra sturdy construction. Shpg. Wt., 11 oz. 28 R 72752 Net 2.19 TBT-8 "PRE-TEST" 8-TRACK CARTRIDGE. (Not illus.) Special limited length blank test tape permits rapid check of recording program.

28 R 72612 Shpg. Wt., 6 oz. Net 2.19
TRL-8 8-TRACK CARTRIDGE TITLE LABELS. Net 2.19 (Not Illus.) Replace worn labels. Color-code tapes by category. Package of 20, self-stick; in 5 colors. 28 R 72620 Shpg. wt., 4 oz.

Net 125 THC-7 CASSETTE HEAD-KLEEN TAPE. (Not illus.). Safely cleans and polishes player heads. Removes accumulated oxides and other particles to maintain top sound performance. Shpg. wt., 3 oz.

28 R 72349 TCW-2 CASSETTE TAPE TENSIONING WIND-ERS. (Not illus.) Set of two winders. Insert in holes of Cassette. Winds in either direc-tion to take-up slack and unravel tape.

28.R 72398 Shpg. wt., 3 oz. Net TTK-1 CASSETTE RE-RECORD KIT. 50 reusable plastic erase control tabs to replace removed tabs of permanently recorded cassettes. 

(I) TK-3 CASSETTE AND CARTRIDGE PLAYER/ RECORDER HEAD-KLEEN KIT. 2-02. bottles of Head Cleaner, Head and Guide Lubricant, and 25 extra-long Cleaning Swabs for cleaning and lubricating hard to reach parts of equipment. Shpg. Wt., 11 oz. 28 R 72406 Net 1.49

TCM-1 CASSETTE MAINTENANCE AND STOR-



28 R 72471 (Not illus.)

(P) CASSETTE AND CARTRIDGE COLOR-CODE (P) CASSETTE AND CANTRIDGE CULUN-CUDE LOG KIT, TK-35. Catalog and index your tapes by category: Red-Jazz, Yellow-Shows, etc. Kit contains: 120 page log book, 240 num-bered index spots in 2 sets, 120 title labels, all self-stick, in 5 basic Colors. 28 R 72539 Shpg. wt. 34 lb. Net 3,29

(a) CASSETTE COLOR-CODE REPLACEMENT TITLE LABELS, TCL-20, Self-stick, die-cut to fit Cassettes. Pkg. of 20 in 5 Colors. 28 R 72547 Shpg. wt., 3 oz. Net .95

28 R 72547 Shpg. wt., 3 oz. Net .95 (R) CASSETTE OWNER IDENTIFICATION END LABELS, TCL-30. Printed "Property Of-..." Apply to Cassette end for identification of ownership. Package of 30, self-stick, 28 R 72554 Shpg. wt., 2 oz. Net .89 TC-2-12 CASSETTE STORAGE CANISTERS AND UTILITY BOXES, Two piece, rigid styrene Canisters for safe storage of Cassettes. Built-in lape slops, Package of 12 boxes. Shop. wt., 1 lb.

Shpg. Wt., 1 28 R 72760 1 lb.

Net 10.99

## **PRE-RECORDED STEREO**

# **8 Track and Cassette Tapes**

**BIG NAME Pre-Recorded** Long Play 8 Track **Stereo Tape Cartridges** 



#### 8-Track Steren Cartridge Best Sellers

2	8	R	44025	Frank Sinatra-Nevertheless I'm in Love with You.
2	8	R	44033	Sergio Mendes-So Nice.
2	B	R	44041	Nat King Cole—Love is a Many Splendored Thing.
				Nat King Cole—Stay as Sweet as You Are.
				Dean Martin-Young and Foolish.
2	8	R	44074	Dean Martin-I Can't Give You Anything But Love.
2	8	8	44082	Jackie Gleason—The More   See You.
9	85	R	44090	Pete Fountain—New Orleans Style.
2	8	R	44108	Harry James-You Made Me Love You.
				Glen Campbell—A Satisfied Mind.
				Patsy Cline-I Can't Forget You.
				Tennesse Ernie Ford-I Can't Help it if I'm Still in
				with You

n Love 28 R 44231 Today's Pops #2-Midnight Cowboy: Raindrops Keep

28 R 44231 Today's Pops #2—Midnight Cowboy, Raindrops Keep Falling, Jean, plus others.
28 R 44249 Today's Pops #3—Bridge Over Troubled Waters. If I Were A Carpenter, Kentucky Rain, plus others.
28 R 44264 The Music and Song's from "Mair".
28 R 44272 Johnny Cash—I Walk The Line, Born To Lose, Cry, Cry, Straight A's in Love.

Cry, Straight A's in Love.

28 R 44322 Sounds of the Woodsteck Age—Sung and Played by Tribe.

28 R 44314 David Clayfon Thomas—The Super Voice of Blood, Sweat and Tears, and Linda Ronstatt & the Stone Poneys.

28 R 44296 Red McKuen—Love's Been Good to Me.

28 R 44306 Get Together—Snowbird, We've Only Just Begun, Candida, Look What They've Done To My Song, and others. Played and Sung by the Young Lovers.

28 R 44298 The Guess Who—Wild One, Pretty Blue Eyes, Don't Be Scared, Shot of Rhythm and Blues.

28 R 44113 Mank Locklim—Queen of Hearts, Lessons in Love, The Red Rose, I Always Lose.

28 R 44355 The Glen Campbell Album—Only the Lonely, That's All Right, Woman's World, Same Old Places, plus more.
28 R 44363 Woodstock—Vol. III
28 R 44361 Nancy Wilsom—Goin' Out of My Head, The Shadow of Your Smile, Yesterday, Uptight, and I Love Him, plus more.
28 R 44389 Johnny Cash—Rock Island Line, The Wreck of the Old 97, Come in Stranger, Hey Porter, I Heard that Lonesome

Come in Stranger, Hey Porter, I Heard that Lonesome Whistle.

28 R 44397 Love Story—MeLachrino Strings.

28 R 44405 Jesus Christ Superstar—Musical Excerpts from the Rock Opera. I Don't Know How To Love Him and Others.

28 R 44411 Tribes Sing—the Creative Genius of George Harrison/John Lennon/Paul McCartney—Let It Be, My Sweet Lord, Why, Something, Isn't It a Pity, Junk, plus more.

28 R 44421 Beach Buys—Famous Hits.

28 R 44431 Tennesse Ernie Ford—Jesus Loves Me—Onward Christian Soldler, Shall We Gather at the River, plus more.

28 R 44442 Tennesse Ernie Ford—Standing In the Need of Prayer.

28 R 44444 Tennesse Ernie Ford—Standing In the Need of Prayer.

28 R 44446 The Four Seasons—the Brotherhood of Man.

28 R 44448 Roger Miller—Engine, Engine 9.

28 R 44486 Big Bands—Original Big Band Theme Songs Played by the Original Artists—Benny Goodman, Harry James, Les Brown, Glen Gray, and others.

28 R 44496 Lynn Anderson—Flower of Love, Games People Play, Okie Irom Muskogee, Stand By Your Man, and others.

28 R 44504 Hark Thompsom—Simple Simon, Simple Heart.

28 R 44504 Hark Thompsom—Simple Simon, Simple Heart.

28 R 44512 Merle Haggard/Bonnie Jwens—That Makes Two of Us—Till Take a Chance, I Wanta Live Again, Forever and Ever, Stranger in My Arms, Plus more.

28 R 44520 Buck Owens—If You Ain't Loving.

28 R 44520 Buck Owens—If You Ain't Loving.

28 R 44530 Guest Stars of the "Hee Haw" Show—Buck Owens, Faron Young, Ferlin Husky, Sonny James, Wynn Stewart, George Jones.

## **BIG NAME Pre-recorded** Stereo Cassette Tapes



28 R 37003 Dean Martin-You Can't Love Em

28 R 37011 Glen Campbell—A Satisfied Mind 28 R 37029 Sergio Mendes Trio—So Nice 28 R 37037 Frank Sinatra—Just One of Those Things

28 R 37045 Buck Owens—If You Ain't Loving 28 R 37052 Sunny James—Invisible Tears 28 R 37060 Jackie Gleasen—Plays Pretty for

Pretty People
28 R 37078 Rod McKuen—About Me
26 R 37086 Patsy Cline—In Care of the Blues Average Shpg. wt., 2 oz.

## Lafayette Stereo Check Out and **Demonstration Tapes**





• Tests and Balances Your Equipment

Separate Tapes For 8 Track, Cassette, Reel to Reel

Every owner of a 2 channel stereo Tape Recorder or Tape Deck should have one or all of these tapes. Tests and balances your equipment for optimum audio reproduction. Test portion of tape includes speaker phasing, channel separation, balance, and wow and flutter checks. Demonstration portion of tape includes sound effects and excerpts from Gayne Sulte by Khachaturian. Average Shgs. wt., 10 oz.

Stock No.	Туре	Net ea.
28 R 01389	7" Reel to Reel	2.95
28 R 01371	8 TR. Tape Cartridge	2.95
28 R 01397	Cassette	2.95

129

## — Accessories For Cassette Players and Recorders —

#### DELUXE CASSETTE TAPE STORAGE CABINET



 Holds Up To 36 Cassettes

Store in Bookcase or on Wall, on Top of Desk or Stereo Cabinet

Economy and styling are combined in this new cabinet. A one piece molded insert stores tapes in individual compartments and assures neat stocking and easy cataloging of titles. Size: 21x23/4x81/6". Shpg. wt., 4 lbs. 28 R 78155

#### LAFAYETTE CASSETTE DEMAGNETIZER



New low price

In normal use, build-up of residual magne-tism is unavoidable, resulting in loss of fidelity. This cassette demagnetizer will remove it to restore frequency response and improve sound performance. Operates on 110V 50-60 Mz. AC. With pilot light. Imported. 99 R 16057 Shpg. wt., 8 oz. .... Net 3.95

#### TELEPHONE PICKUP COIL



Extremely sensitive loop type telephone pickup coli for use with recorders, amplifiers and dictating machines. Loop easily slips on ear piece of phone. 3 ft. shielded cable with miniature 1/8" plug. Imported. Shpg. wt., 6 oz. 28 R 65129

Net 2.98

CASSETTE HEAD CLEANER AND TEST TAPE



#### 3-in-1 Cassette

- Tests for Proper Head Alignment
- 2) Tests for Stereo Balance
- 3) Cleans Tape Head

Keep your cassette player sounding like new with this professionally calibrated test tape, Cleans tape heads to restore full richness of tone. Checks for proper alignment of heads to eliminate crosstalk. Checks for proper balance and equalization of channels. Shpg. wt. 302. 28 R 92024

Net 1.49

#### CASSETTE TAPE CARTRIDGE STORAGE RACK



Lazy Susan Type Base

Attractively styled wood and masonite cassette cartridge storage rack with simulated walnut vinyl finish. Has "Lazy Susan" type base for easy access to your cassettes. Size: 77/ex77/ex10"H. Shpg. wt., 31/4 lbs.

28 R 78056W

#### AMPEX DEMAGNETIZING/ **CLEANING CASSETTE**



Cleans and demagnetizes cassette recorder heads and guides in one brief pass through the recorder. Since it requires no power, fits all cassette recorders including slot-loaded ones. Non-abrasive cleaning tape won't damage tape heads. 28 R 54008 Shpg. wt., 4 oz.... Net 4.95

#### LAFAYETTE FOOT SWITCH



Gives your cassette recorder the versatility of a dictating machine. Plays when the foot switch is depressed, stops when released. Simply plugs into "remote" Jack. 5 ft, cable with micro-miniature plug. Imported. Shpg.

wt., 34 lb. 99 R 15810

#### **NON-ABRASIVE CASSETTE** TAPE HEAD CLEANER



 Cleans Head With Minimum Wear

A safe non-abrasive method of cleaning your tape head and capstan. Proper use will remove dust, oxide, grit and other foreign matter assuring maximum fidelity and performance. Comes complete with cassette plus stereo tape player cleaning solution. Shpg. wt., 5 oz. 28 R 78163 Net 1.29

#### TAPE HEAD CLEANER



Use in any cassette recorder, removes coating deposits from tape heads, restores both volume and high frequency response, Can be reused many times. Shpg. wt., 7 oz. 28 R 16015 Net .99

#### DELUXE CASSETTE TAPE CARRYING CASE



Holds up to 30 Cassettes

Only 795

Solid wood construction, Durable black alli-Solid wood construction. Durable black alligator viny! covering with attractive red plush interior. Horizontal storing of cassettes permits immediate visibility of all titles. Equipped with lock and key and handle. 28 R 78072 Shpg. wt., 31/4 lbs. Net 7.95

#### CASSETTE "CARRY-ALL" PORTABLE CASE

95

Holds up to 6 Cassettes and all Portable Cassette Recorders up to 5½x10" in



Carry your cassette recorder, tapes and ac cessories in one handy case. Rich leather textured vinyl with sturdy compartments in a suede-like finished interior.

28 R 78114 Shpg. wt., 2 lbs.

#### UNIVERSAL CARRYING CASE for PORTABLE CASSETTE RECORDERS



Measures 91/2"Dx 534"Wx21/2"Ht

Durable black texon carrying case for most portable cassette recorders. Double adjustable strap. Shpg. wt., 34 lb. 1Inside Dimensions of Case. 28 R 27020 Net 2.95

CASSETTE CARRYING CASE

Holds

Cassettes

Black vinyl with chrome trim, shoulder strap, and spring snap lock. Dim: 6½Lx5½Hx3"D. 28 R 27012 Shpg. wt., ¾ lb. .... Net 2.19

Lafayette Blank Tape Cassettes

#### LAFAYETTE'S FAMOUS MONEY-BACK GUARANTEE YOU BE THE IUDGE!

Lafayette's cassettes are made by outstanding nationally known manufacturers. It is first quality, trouble free, red oxide coated, with full frequency response, uniform output and no "dropouts." Resistant to moisture, "dropouts." Resistant heat, cold and abrasion.

We guarantee absolute satisfaction or your money back. If for any reason you are dissatisfied, return the tape within 30 days and we will retund your money less only transportation charges. You are the sole judge.



#### LAFAYETTE STANDARD BLANK TAPE CASSETTES





High quality tape assures full fidelity recording. Records and plays 2-tracks at 1% ips. Super strong polyester base. Proper lubrication for longer tape life. Protects heads, Imported. Shpg. wt., 4 oz.

Stock No.	Model No.	Playing Time	NET 1-9	EACH 10 Up
28 R 01280	C-30	30 Minutes	.79	.69
28 R 01223	C-60	60 Minutes	.99	.89
28 R 01207	C-90	90 Minutes	1.49	1.39
28 R 01215	C-120	120 Minutes	2.19	1.99

#### CRITERION® DELUXE BLANK TAPE

#### CASSETTES



- Head Cleaning Tape on Each Cassette
- Super-Calendered Tape to Minimize Wear and Improve Frequency Re-
- Sensing Foils to Actuate Machines with Reversing Mechanisms
- With Plastic Album Storage Box

Lafayette's best recording tape cassettes manufactured to our speci-Latayette's Dest recording tape cassettes manufactured to our specifications, with extra deluxe features. Deep Jubricated, super-calendered tape in an improved black plastic cassette, minimizes tape head wear and provides better low and high frequency response. Head cleaning tape at one end removes accumulated material from recorder heads. Sensing foils at each end actuate recorders having automatic reversing capabilities, but may also be used on all cassette recorders. Comes in hard plastic album storage box. Imported: Shog, wt., 5 oz

Stock No.	Model No.	Playing Time	1-9	EACH 10 up
28 R 01298	C-30	30 Minutes	1,09	.99
28 R 01306	C-60	60 Minutes	1,29	1.16
28 R 01314	C-90	90 Minutes	1,99	1.79
28 R 01322	C-120	120 Minutes	2,99	2.69

#### ADVOCATE CROLYN® CASSETTES



- Increases High
- Frequency Levels
  Reduces Inherent
  - Tape Noise

C-60 99

A revolutionary 60 minute cassette recording tape using a chromium based coating rather than iron based coatings found in conventional tapes. It can be used in standard recorders to increase the high requency level up to 8 db, reduce tape hiss, and provide an exciting experience in high fidelity listening. Hard plastic storage box. Shpg. wt., 4 02.

28 R 47002 Net ea. 2.99

Net ea. 2.99 C-90 CROLYN CASSETTE. Same high quality chromium tape as above in a 90 minute cassette. Shpg. wt., 5 oz. 28 R 47010

CASSETTE TAPE SPLICER



Sturdy precision instrument for use In all splicing and editing of cassette tapes. Imported. Shpg. wt., 7 oz. 99 R 15992 Net 1.95

#### CRITERION® UD HI-FI CASSETTES



- C-60 UD 1.99 C-90 UD 2.99 C-120 UD 3.99
- Wide Dynamic Range-30-20,000 Hz Response Low Noise-High Output
- Super-Calendering Minimizes Wear and Improves Frequency Response
- Head Cleaning Tape on Each Cassette
- Sensing Foils to Activate Machines With Reversing Mechanisms

These Lafayette ultra-dynamic hi-fi cassettes are the only ones having all of these deluxe features and represent the peak of cassette excellence. Advanced oxide formulation provides a wilde dynamic range with a frequency response of 30-20,000 Hz. The low noise, distortion-free high output results in the highest performance that can be expected of a cassette tape. Each tape has a section of head cleaner at one end and sensing foils at each end to actuate equipment having automatic reversing capabilities, but may be used on all cassette recorders. In hard clear plastic hinged album storage box. Imported. Shpg. wt., 5 oz. Shoe, wt., 5 oz

C-60UD 60 MINUTE HI-FI CASSETTE 99 R 15851 Net ea. 1.99 C-90UD 90 MINUTE HI-FI CASSETTE 99 R 15901 Net ea. 2.99

C-120UD 120 MINUTE HI-FI CASSETTE

Net 3.99

#### TDK HI-FI CASSETTES



- Low Noise Level.
  - Frequency Response 30-20,000 Hz.

199

#### **60 MINUTE C-60SD**

This 60 minute hi-fi tape uses a new gamma ferric oxide developed fins ou finute ni-fit tape uses a new gamma ferric oxide developed for high-density recording. The wide dynamic recording range 32-20,000 Hz. Makes available low noise, distortion-free output for the highest performance that can be expected of a cassette tape. Imported. Shgg, wt., 5 oz.

28 R 01249

Net 1.99

90 MINUTE C-90SD

A 90 minute cassette having the same high quality characteristics specifications and performance as the C-60SD cassette above. Im-28 R 01363 Shpg. wt., 4 oz. Net 2.99

PLASTIC CASSETTE STORAGE BOX

Snap-open plastic box for individual cas-settes. Clear hinged cover for instant identification, Built-in stops prevent tape slack and unwinding, Shpg, wt., 3 oz. 28 R 17054 Net ea., .25 Lot of 5 .99

## **LAFAYETTE** Recording Accessories

#### LAFAYETTE BULK TAPE ERASERS



Deluxe Model

Professional Model

#### PROFESSIONAL MODEL

- Completely Erases Tape
- Two Erasing Coils
- Erases up to 1" Tapes
- Erases 1/4" Tapes in One Operation-No Reversing
- For 3", 5", 7" or 101/2" Reels

A carefully designed and precisely manufactured tape "degausser" for complete erasing of tapes. Just place the tape reel on spindle of demagnetizer, slowly rotate 2 or 3 turns, take off, and that's all. Reduce tape hiss to the level of new "virgin" tape. Two completely separate coils are used for doubly-effective erasures, even of large, 10½" reels. Will erase 1" wide tape. An extra powerful unit for heavy-duty use—draws over 9 amperes. Can be used to demagnetize tape, magnetically stripped film, plus tools and watches, Has a heavy, custom finished case, a rugged non-magnetic top, heavy duty on-off switch and power cord. Has built-in fuse. Pilot light prevents accidentally leaving it turned on. Size 6¼ x 7½ x 3½". 105-125%, 60 Nz. Imported. Shpg. wt. 12¾ lbs.

99 R 15166 Professional Model

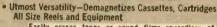
Net 29.95

#### Deluxe Model

Similar to professional model for all size reets but handles only standard size 1/4" tapes or smaller and reel must be turned over once. Has separate spindle positions for 10½" and 3, 5, and 7" reels; non-magnetic bakelite plate for reel rest. One powerful coll consumes 5 amps. Metal case 71/4 x 41/4 x 31/2", Imported. Shpg. wt., 43/4 lbs.

Net 11.95

#### HAND HELD BULK ERASER



Easily erases tapes or sound films regardless of reel size. Convenient, comfortable hand held design. Also demagnetizes capstans, tape guides, etc. Lowers background noise better than new tape. Safe, durable plastic case and control switch. High intensity field with low power consumption.

28 R 30016 Shpg. wt., 21/4 lbs.

#### LAFAYETTE CORDLESS 3-WAY TAPE ERASER

 Universal Tape Eraser for Cassettes, 8-Track Cartridges and Reel-to-Reel Tapes



A compact, easy-to-use universal tape eraser which works on a self-contained DC source. Powerful rotating magnets provide the strong field which removes previous recordings and noise from cassettes, 8-track cartridges and open reel tapes. Requires 4-inexpensive AA penilte cells (not supplied). Has On-Off slide switch; plastic case. Size: 4\%\x37\%\x2\%\". Imported. Shpg. wt.,

99 R 15877 Eraser (less batteries)
11/2 volt AA cells for above (4-required).
99 R 62580 Ne Net ea. .10

#### LAFAYETTE TAPE HEAD DEMAGNETIZER WITH SWITCH

Pencil shaped head demagnetizer with one extending probe. Styling allows you to reach all heads in all positions. Features switch control . . . no need to leave unit on constantly. Turn on when needed and off to conserve unit's life. Operates on standard 110-120 VAC 60 Hz. Imported. Shpg. wt., 9 02. Net 2,95



#### TAPE CLEANER

Tape is Impregnated with special formula cleaner. Simply run through like regular roll of tape, Entire job done in 2 minutes. Can be reused many times.

Shpg. wt., 5 oz. 28 R 20017 Tape Cleaner on 5" reel..... 28 R 20025 Tape Cleaner on 3" reel..... Net 1.88 Net .99

#### 1200 FT. LEADER TAPE ON 7 INCH REEL

Lafayette brings you this jumbo reel of leader tape at a tremendous savings over the cost of leader tape customarily available in 100 ft. quantities. 1½ mil mylar tape. 1200 ft. x 1/4\* wide on 7" clear plastic reusable reel, individually boxed. 28 R 77017 Shpg. wt., 3/4 lb. Net 2.69 LAFAYETTE TAPE SLICER



- Two Operations—Cuts & Trims
- Clean Splices in Seconds
- For Reel-To-Reel and 8-Track Recording Tape
- Splicing Tape Supplied

A sturdy precision instrument for profession-A sturdy precision instrument for professional use in all splicing and editing applications. Gives clean, quick cuts on all tapes without losing a significant portion of the sound track. Splicing tape fed from below will not foul and waste tape. Sharp long lasting blades provide trouble-free operation. A must for professionals and demanding audio hobbyiet. Properted. Shape with the control of the professional of the profes hobbyists. Imported. Shpg. wt., 9 oz

28 R 09051 Replacement splicing tape for above. 28 R 09069 Shpg. wt., 3 oz ..... Net .39

#### **TELEPHONE PICKUP FOR** CRADLE OR UPRIGHT PHONES



Induction telephone pick-up for cradle or upright phones. Simply place base on pickup and connect leads to high impedance input of an audio amplifier or directly to a tape recorder. Imported. Shpg. wt., 5 oz. 99 R 10340



#### **HUM-BUCKING** TELEPHONE PICKUP COIL

Designed with symmetrical hum cancelling plck-up coils to eliminate high stray hum pickup usually encountered with conventional coils. For use with high impedance tape recorders, amplifiers and dictating machines. Double suction cup for easy mounting. 5' cable with stripped leads. Shpg. wt., 4 oz. 28 R 32012 Net 4.95

#### TELEPHONE PICKUP COIL



Designed to feed into the microphone input of a tape recorder or any high gain amplifier. Easily attached to the telephone by rubber suction-type attachment. Has 5 foot shielded cable with stripped ends. Imported, Shpg. wt., 4 oz.

Net 1.39



and Cueing

132



## Tape Recording Accessories

COUSINO AUDIO VENDOR

Continuous Repeating Magnetic Magazine Tape

Endless tape loop magazines provide continuous play, Ideal for sales messages, language study, sleep learning, exhibits, etc. Fits most standard recorders. Running time in minutes at 3% ips. Counter-clockwise. 1500 Series 2%" dia., 1310 Series 3%" diam. 1210 Series 3%" diam. 5%" dia. Avg. wt., 9 oz.

STOCK NO.	TYPE	RUNNING TIME	NET EACH
28 R 35031	150003	3 Min.	3.95
28 R 35049	150005	5 Min.	4,75
28 R 35056	131008	8 Min.	7.15
28 R 35064	131012	12 Min.	8.00
28 R 35072	131015	15 Min.	8.95
28 R 35080	131018	18 Min.	9.75
28 R 35098	121024	24 Min.	10.95
28 R 35106	121030	30 Min.	12.95

TWIST-LOCK STYRENE CANS





. Buy the set - save and GET THE CHEST FREE!

12 dust-free, moisture-proof unbreakable styrene tape cans in storage chest. Can has foolproof twist lock feature and is ribbed for convenient stacking. Center locking stud prevents reel movement on all 7" reels and most 3" and 5" reels, Shpg. wt., 4½ lbs.

TWIST-LOCK CANS ONLY 28 R 65111 Wt., 6 oz. Lots of 6 ea. .40 Single ea. .45

#### LAFAYETTE RECORDER PATCH CORD



Handy 6 ft. lead has insulated alligator clips at one end and RCA phono plug at the other Supplied with shielded phono ping adote to adapt the RCA phono ping to standard phono ping if necessary. Attach alligator clips to speaker terminals and simply ping other end into tape recorder. Ideal for recording from Radio, Phono or TV. Imported. Shog, wt., 5 oz.

99 R 15174 Net :99 LAFAYETTE STEREO RECORDER PATCH CORD



Ideal for making tape recorder connections from stereo receivers, tuners and amplifiers having front panel tape output jacks, A con venient 6 foot cable has stereo 3 conductor phone plug at one end and two standard color coded RCA type phono plugs at the other. Insert phone plug into front panel tape output jack of receiver, tuner or ampli-fier and connect phono plugs to inputs of tape recorder for convenient connection. Imported. Shpg. wt., 5 oz.

99 R 63364 Net 1.39

#### **HEAD AZIMUTH** ALIGNMENT TAPE

For accurate alignment of recorder heads for maximum

sound output. 100 ft.
on 21/2" reet. Tape has 6 kHz steady tone in either direction. Instructions included. Shpg. wt. 3 oz.

28 R 71184 Net 1.29



crank-tape is threaded. Use with all 5" and

reels. Shpg. wt., 3 oz.

28 R 60211

CLEAR PLASTIC REELS



As Low As

IN LOTS OF

Singly, Ea. .34

Sturdy, non-warp plastic reels for recordtape. All clear plastic.

28 R	23052	3" reel	lots of 4,	Ea.	.1
			Singly,	Ea.	.1
28 R	23011	31/4" ree!	lots of 4,	Ea.	.1:
			Singly.		
28 R	23029	5" reel	lots of 4.	Ea.	.21
-95	-7		Singly,	Ea.	.25
28 B	23037	7" -001	tota of a		

#### LOW TORQUE REELS

Professional type clear plastic reels with large hubs for smooth tape feed and reduced flutter, Shpg. wt., 4 oz, ea. 5" Low Torque Reel—Holds 400 ft. 1½ mil, 600 ft. 11 mil, 800 ft. 1½ mil or 1200 ft. 1/2 mil triple play tape

28 R 23060 lots of 4, Ea. .49

7" Lew Torque Reel—Holds 960 ff. 1½ ml., 1440 ft. 1 mlt, 1920 ft. 1/2 mll or 2880 ft. 1/2 mll triple play tape. 28 R 23045

lots of 4, Ea. .54 Singly, Ea. .60 RECORDER TEST TAPE



Checks speed, timing, wow and flutter. For 7½ IPS. Accurate within 1/10 of one percent. Shpg. wt., 2 oz. 28 R 50014 Net 98

#### REUSABLE CLEAN-LUBE CLOTHS



Protects recording tape by depositing a silicone film. Eliminates tape squeal & chatter. Cloths are wash able. Pkg. of 4 cloths. Shpg. wt., 4 oz.

Set of Two

28 R 72638 Net .79 REEL LOCKS



Holds tape recorder reel in place by locking spindle to reel. Especially useful if recorder is in vertical position. Will not interfere with normal operation of reels. Easily removable. imported. Shpg. wt., 3 oz. 99 R 15190 Set of two Net 45

#### METAL STORAGE CANS



Cans are ribbed for easy stor-Precision fit. age. enamel finish. Av. wt., 8 oz.

28 R 63066 5" Can lots of 6, Ea. .35 Singly, Ea. .39 lots of 6, Ea. .38 Singly, Ea. .45 28 R 63074 7" Can



METAL TAPE STORAGE CHEST

STANDARD CASE: Sturdy all steel carrying case. Holds 12 7" reels and cans. Twin snap locks. Ptatinum gray hammerloid finish. Metal separators, index cards.

28 R 15017 Shpg. wt., 4% lbs. Net 3.98 DELUXE CASE: Holds 12 7", 5" or 3" intermixed reels and cans. Finger touch roll-out action, drop-front with spring lock. Exterior and interior index

28 R 15025 Shpg. wt., 7% lbs. Net 6.50



#### PROFESSIONAL EDITALL TAPE EDITING KIT

All you need for a complete professional editing job. The cutting block is made of duraluminum precisely machined and polished (makes straight or diagonal cut). All accessories such as grease pencil, blades, splicing tape (66 ft. rolf of 1/2") supplied. Comes with instruction booklet—in a smart plastic case. Shpg. wt., 7 oz. 28 R 38050

Net 10.00



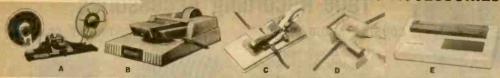
#### EDITALL KP-2 TAPE **EDITING And** SPLICING KIT

Easy to use, makes perfect splices without trimming or damage. Complete kit consists of editall plastic block, 30 pre-cut edital splices, cutting blade, grease pencil, instruction booklet and tape guide. Shpg. wt., 4 oz. 28 R 38068 Net 3.50

Package of 50 pre-cut Editab splices 28 R 38076 Shpg. wt., 3 oz. Net 1.50

To Speed Your Mail Order-Please Give Your Zip Code Number

#### ROBINS® TAPE SPLICERS AND EDITING ACCESSORIES



(A) TK-9 COMPLETE TAPE EDITING WORKSHOP.
Tape Winders for reels to 7", Deluxe Tape
Splicer with Splicing Tape. Sturdy walnut
grained base has Calibrated Tape Timing and
Editing Scale, Editing Pencil and Editing
Guide Book included, Shpg. wt., 2¾ lbs.
Net 16.75

(B) TS-8D DELUXE STERED SPLICER. Precision diagonal cut and "Gibson Girl" trim. "Seethru" windows show "Cut" and "Trim." Tape guide and fingers secure tape. Tape dispenser has ½" x 100" roll Splicing Tape. Replaceable cutter pad and blades. Blade centering adjustment for accuracy. Of superstrong Cycolac. Instructions.
28 R 60096 Shpg wt., 1 lb. .. Net 8.69

(C) TS-75 STANDARD STERED SPLICER. Same features as TS-8D. Made of plated steel and plastic. Dispenser has 34" x 100" roll Splicing Tape. Instructions, 28 R 71416 Shpg. wt., 9 oz. Net 6.29

TS-7J JUNIOR "STERED" SPLICER. (Not illus.) Same as TS-7S, less dispenser and tape. Uses 46" wide splicing tape. 28 R 71424 Shpg. wt., 8 oz. Net 5,45 (D) TS-6 DELUXE "CUT-N-SPLICE." Cuts tape at 30°, 45°, or 90° angle, 25 self-stick Splicing Patches included in built-in tray of splicer.

28 R 70863 Shpg wt., 6 oz. ... Net 2.99

TS-5 "CUT-N-SPLICE" METAL SPLICING BLOCK. (not illus.) With 25 self-stick Splicing Patches. 28 R 70871 Shpg. wt., 5 oz. ... Net 2.29

(E) TS-14 PROFESSIONAL STUDIO PRECISION TAPE-SPLICING BLOCK. Has 90° and 45° cutting guide. Burnishing plate and roller provided. Sturdy cast base has rubber bumpers. Includes cutting blade and supply of 100 Splicing Patches, Shpg. Wt., 4 lbs. 28 R 72059 For 44" tape. .... Net 16.50

SPLICING! TAPE. Mylar. Wt. ea. 2 oz. (Not illus.)

Stock No.	Type	Width Length	Net
28 R 70889	TST-235	1/4" x 300"	.75
28 R 70897	TST-376	36" x 275"	.75
28 R 70905	TST-501	42" x 250"	.75
TCT.222 Dkg	06 7E Call	calab Callala	Detal

es for TS-14, TS-6, TS-5 Splicers.

28 R 70921 (not illus.) Net .75

(F) TM-2 MAGNETIC TAPE EDITING PEN. Erase single sounds, noise, etc. from recordings. Fade in and out for special sound effects. 28 R 71549 Shpg. wt., 3 oz. .... Net 1.65

TT-24D COLOR-CODE SPLICING PATCHES. (Not litus.) 12 each of 6 colors, Orange, Yellow, Red, Blue, Green and White. Splice color patches between subjects on reel for indexing

28 R 71135 Shpg. wt., 3 oz. ... Net 1.09

TSP-50 SENSING AND CUEING PATCHES, (not illus) Aluminum foil, ¼° wide x ¾° lengths. For recorder with automatic stop and reverse control, Pkg. of 50, wt., 2 oz.

28 R 71150 Net 1.05

TSP-240 SENCING AND CUEING TAPE. Roll of aluminum foll tape .240" wide x 150" length. Prepares tapes for use with recorders having automatic stop and reverse controls, (Not illus.)

28 R 72653 Shpg. wt., 4 oz. Net 1.98 (K) TK.1 COLOR-COUING TAPE LOG KIT. Color-code indexing by title, artist, category. 20 page color-indexed Log Book, 240 Title Labels. 72 Tape End Tabs, 48 Numbered Cueing Spots, 30 Box Ends, in 6 Colors, and Pen. 28 R 71457 Shpg. wt., 1 lb. ... Net 5.79



(G) TK-30 TAPE EDITING KIT. Contains: TS-6
"Cut-N-Splice" Splicer, 25 self-stick Patches,
White Leader Tape - 4/4" x 100" on a 24/4"
reel, 12 Tape Clips, Tape Cleaning Cloth, 3"
reel of Tape-Clean, and 120 Color Title
Labels

28 R 72067 Shpg. wt., 9 oz. .... Net 5.98

(H) TK-BOLX DELUXE KIT. Contains: TS-8D Spilcer, Spilcing Tape, Threader, Head Clean and Lube 2 oz. bottles, Clips, Reel Titte Labels, Reel Holders, and Editing Guide Book. Shop. wt., 21/4 lbs.
28 R 70442 Net 13.78

(I) TK-14 RECDRDER MAINTENANCE KIT. Contains: Head Demagnetizer, 2 Tape Cleaning Cloths, and 3" reel of Tape Clean.
28 R 71598 Shpg. wt., 9 oz. ... Net 4.79

(I) TK-7 RECORDER KARE KIT. 2 oz. bottles of Head Cleaner, Head and Gulde Lubricant, The Drive VII, Non-Silp for Tape Drives, and 50 Cleaning Swabbies.

28 R 70491 Shpg. wt., 134 lbs. Net 2.75

TK-6 HEAD-CLEAN AND LUBE KIT. (Not Illus.)
2 oz. bottles - Head Cleaner and Head and
Gulde Lubricant.
2 8 R 70855 Shpg. wt., 11 oz. Net 1.39

TT-16 COLOR-CODING LEADER TAPES, (Not illus.) Color-Code subjects, 100 ft. each Red, Blue, Yellow, Green, White on 2½" reels. 28 R 71499 Shpg, wt., 6 oz. ... Net 2.85

TT-100C CLEAR LEADER TAPE. (Not illus.)
100 ft. x 1/4" wide on a 21/2" reei.
28 R 71887 Shpg. wt., 3 oz. ... Net .81

TC-75 TAPE CLIPS. (Not Illus.) Plastic, Reusable. Keeps tape from unwinding. Fits all reels, 72 clips in handy plastic container. 28 R 71093 Shpg. wt., 4 oz. Net .99

TL-80 TAPE AND 80X INDEX SPOTS. (Not illus.) Pkg. of 240. Numbered 1 to 24, 2 sets in 5 basic Colors, Self-stick. Index tapes and their matching boxes or canisters, Wt. 3 oz. 28 R 72075

T1-240 COLOR-CODE TITLE LABELS. (Not illus.)
2" x ½" self-stick, 40 each of 5 Colors. Write
or type, Label reels, boxes, canisters, etc.
Pkg. of 240. Wt. 4 oz.
28 R 71507
Net 1.19

TK-2 TAPE KARE KIT. (Not illus.) 2 oz. bottle of Head Cleaner and Tape Cleaning Cloth. 28 R 70483 Shpg. wt., 7 oz. .... Net 1.39

TX-20 TAPE HEAD CLEANER. (Not'lilus.) 2 oz. bottle with applicator.
28 R 60310 Shpg. wt., 6 oz. ... Net .75

TX-33 TAPE DRIVE OIL. (Not illus.) 2 oz. bottle with applicator. Inhibits rust and oxidation. 28 R 72083 Shpg. wt., 7 oz. .. Net .57 TX-22 HEAD ANO GUIDE LUBRICANT. (Not illus.) 2 oz. bottle with applicator. Silicone base liquid. Provides friction-free tape path. 28 R 71937 Shpg. wt., 6 oz. ... Net .75

LB-1 LOG 800K. 120 page Log Book for Indexing recordings on reel-to-reel tapes, cassettes, 8-track cartridges and phono records, by title, artist and category. (Not illus.) 28 R 72661 Shpg. wt. 6 oz. ... Net 1.29



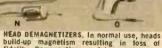
(L) TLA-1 TAPE-CLEAN-LUBE SYSTEM. Selfstick base mounts to deck of any recorder. Applies liquid Silicone Lubricant and Gleaner to both sides of tape while playing. Reduces recorder head and guide wear. Stops tape squeal. Reduces drag. Includes extra Lube-Cleaner.

28 R 71911 Shpg. wt., 7 oz. .... Net 3.29

TLA-2 TAPE LUBE-STICK (Not illus.) Lubricates both sides of tape at same time while in use. Stops squeal, reduces drag. Self-stick base mounts to recorder deck. 28 R 71929 Shpg. wt., 3 oz. ... Net 2.19

TZ-9 REPLACEMENT KIT FOR TLA-1 TAPE CLEAN LUBE SYSTEM, Bottle of tape cleaner and lubricant with two felt applicators. 28 R 72679 Shpg. wt., 6 oz. .... Net 1.79

TZ-11 REPLACEMENT KIT FOR TLA-2 TAPE-LUBE STICK. Two replacement lube sticks. 28 R 72687 Shpg. wt., 3 oz. .... Net 1.15



build-up magnetism resulting in loss of fidelity. Demagnetizers safely remove magnetism from heads to improve recorder sound performance.

(M) TD-6 PROFESSIONAL UL LISTED HEAD DEMAGNETIZER. 110 VAC., Wt., 10 oz. 28 R 60260 Net 7 65

28 R 60260 Net 7.65

(M) TD-3 DELUXE HEAD DEMAGNETIZER. Fully encapsulated components. 110 VAC, wt 8 pz.

28 R 60278

(0) TRP-5 HIGH GRAIN PROFESSIONAL
"SOUND-RING" TELEPHONE INDUCTION PICKUP. High sensitivity for "full depth" recording of phone conversation, Attaches to phone
with ease. Slips over and surrounds the earplece of the phone, 3 ft. shielded cable is
complete with mini-plug for use with all tape
recorders.
28 R 72695 Shpg. wt., 6 oz. Net 3.99

Depend on Lafayette For Complete Stocks, Lowest Prices, Fastest Service

#### **BULK TAPE ERASERS**

#### ROBINS







MAGNETIC BULK TAPE ERASERS. Erase tapes in seconds to below normal recorder erase head level. Restores tapes to "blank" condi-For magnetic stripped film also, All units 110-120 V. 50-60 Hz. AC.

(P) TM-77 DELUXE BULK ERASER. For 1/4" tape, reels to 7". Erasure 2 to 4 db below normal erase head level, Size: 23%" x 3%" x 61/4". Shpg. wt., 41/4 lbs. 28 R 60252

(S) TM-99 PROFESSIONAL UL LISTED BULK (a) Im-99 PMPPSSIDNAL OL LISTED BOUR ERASER. For tape to ½" wide, reels to 10½". Erasure 3 to 6 db below erase head level. Size: 5¼" x 6¾" x 3¾", Wt., 9¾ lbs. 28 R 60245 Net 33.00

TPP-2 RECORDER REPLACEMENT PRES-SURE PADS (Not illus.) Pkg. of 44 self-stick assorted sizes in two thicknesses for most recorders. Shpg. wt., 4 oz.
28 R 71119 Net .85

(88) TSD-1 AUTOMATIC TAPE SHUT-DFF. Attaches to side of recorder. Recorder plugs into side of unit. 110 VAC, 3 amp. rating. Arm gently contacts recording tape. When tape plays through and ends, automatically shuts off recorder or other devices.

28 R 72158 Shpg. wt., 8 oz. Net 5.49 (Y) TK-12 AUDID/VISUAL ACCESSORY KIT. For language labs, recording studios, audio/ visual depts, and serious home recordists, visuar depts, and serious nome recordists. Contains, TS-80 Splicer, 6 rolls ½" Splicing Tape, Tape Threader, Tape Cleaning Cloths, Head Cleaner, Lubricant, 24 Tape Clips, 180 Title Labels, Tape Strobe and Light Kit, U.L. Listed TM-99 Bulk Tape Eraser and TD-6 Demagnetizer, Shpg. wt., 141/4 lbs. 28 R 70517 Not 59 25

(Z) TRP-2 PHDNE PICK-UP. Fastens to phone by suction cup. Provides clear eccording of phone conversations. Has 5 ft. cable with stripped ends to attach connector to fit

28 R 70947 Shpg. wt., 3 oz. ... Net 2.49

(AA) TK-4H TAPE EDITING AND CARE KIT. COntains TS-2 Tape splicer assembly mounted to recorder, 1/2" x 100" roll of splicing tape, tape cleaning cloths, 12 tape clips and tape editing and splicing guide, Shpg. wt., 8 oz. Net 2.44

TL-9 LDNG TITLE LABELS. (Not illus.) 36" x 942". Self-stick, Label canisters, boxes, etc. 28 R 72166 Pkg. of 50. Wt. 4 oz. Net .79

EMPTY REELS FOR ALL RECORDERS, Packaged clear plastic reels in all sizes, except \* is pkg, of six 3" reels in assorted colors. + indicates Low Torque reel. Avg. wt. per pkg., 10 02

Stock No.	Mir's Type	Size	Pkg. Qty.	Net
28 R 70954	TR20-6	2"	6	.75
28 R 70962	TR25-6	21/2"	6	.75
28 R 70970	TR30-6	3"	6	.69
28 R 70988	TR32-4	31/4"	4	.69
28 R 71259	TR36-6*	3"	6	.85
28 R 70996	TR40-4	4"	4	.85
28 R 71002	TR50-2	5"	2	.75
28 R 71317	TR53-2+	5"	2	1.19
28 R 71010	TR70-2	7"	2	.85
28 R 71028	TR74-2+	7"	2	1.35

(CC) TCP-12 SET OF 12 DELUXE INDIVIDUAL MDLDED TAPE SAFES. Protects 7" tapes from dust, dirt, ageing. Hinge covers. Bottoms have dovetail grooves to fit metal wall mount bracket included, (less tape and reels). Shpg. wt., 634 lbs. 28 R 71226

Net 12.60 TB-15 CARDSDARD TAPE MAILING BOXES, (Not Illus.) Package of 15. For up to 31/4" reels. 28 R 71580 Shpg wt., 8 oz. ... Net .89











#### RECORDER AND TAPE CARE ACCESSORIES

TAPE-CLEAN, (Not illus.) Chemically treated cloth tape cleans and lubricates heads and guides of recorder when played. Deposits film of Silicone for friction-free tape path. THC-3, 3" reel Wt. 3 oz. 28 R 71168

THC-5, 5" reel, Wt., 5 oz. 28 R 60351

Net 2.29 (U) THC-12 QUICK-CLEAN FELT PEN. With (0) INC-12 QUICK-CLEAN FELT PEN, WITH pocket clip. Applies efficient fast drying solvent to remove dirt, accumulated oxide from recorder heads to improve sound fidelity, includes fluid supply. Imported. 28 R 72091 Shpg. wt., 3 oz. Net 1.10

(W) TK-5 TAPE STROBE AND LIGHT KIT. Tests speed accuracy of recorder at 15, 7½, and 3¼ ips. Strobe tape, neon lamp, 110 V. A.C. 28 R 72125 Shog. wt., 5 oz. Net 1.99
(X) BLOWER BRUSH TBB-1. Squeeze blower and soft camel's hair brush. Blows away dust and other particles from delicate recorder heads, guides, and other parts, Ideal for phono, records, delicate parts, fine optical lenses, etc. 28 R 72133 Shpg, wt. 4 oz. .... Net 1.35

RMC-6 PLASTIC TAPE MAILING CANISTERS. (Not illus.) Impact resistant, Reusable. For up to 31/4" reels. With 2-sided address cards. Pkg. of 6, Wt., B oz. 28 R 71564

Net 1.19 TMC-30 DOUBLE-SIDED ADDRESS CARDS. (Not Illus.) Pkg. of 30 for RMC-6 Tape Mailers. 28 R 71572 Shpg. wt., 6 oz. Net .85 TCB-18 CARDBOARD CASSETTE MAILERS, (Not illus.) Package of 18. Features "built-in stops" to prevent tape unwinding or becoming slack.

28 R 71952 Shpg. wt., 8 oz. TL-5 COLDR-CODE TAPE BOX ENDS. (Not illus.) 30 self-stick, textured book binding strips in 6 colors. Reinforce and hinge lids. 28 R 71481 Shpg. wt., 6 oz. Net 1.99

THS-1 HEAD-KLEEN SPRAY. (Not illus.) 4 oz. 185-1 MEAU-ALER SPRAT. [NOT 11183.] 4 GZ. Aerosol formula Head Cleaner removes accumulated oxide, grime, and other particles from recorder heads. Extension nozzle included for easy access to hard to reach heads, 28 R 71945 Shpg. wt., 6 oz. Net 1.39 THC-1 HEAD-KLEEN PDLISHING TAPE, (Not illus.) 3" reel, 225 ft. Removes oxide and all particles from heads when played. 28 R 71606 Shpg. wt., 3 oz. Net 1 42

(T) MSW-125 "SWA8BIES". Soft cotton tips wound on 6" applicators for cleaning and oiling hard to reach parts of equipment. Package of 125

28 R 72117 Shpg. wt., 6 oz. Net .79 (V) TW-1 PRECISION TAPE STROBE. Metal, chrome plated. Needle bearings. Tests speed accuracy, wow, and flutter of 7½ and 3¾ ips recorders. Instructions.

28 R'71176 Shog. wt., 10 oz. Net 7.69







#### CASSETTE AND 8-TRACK CARTRIDGE ACCESSORIES

THC-15 "DOUBLE-HEADER" 8-TRACK CARTRIDGE ADVANCED MAINTENANCE KIT.
Has special formula Non-Abrasive cloth Head-Cleaner Tape at one end, and Recorder-Player Drive Cleaner at the other end. Either end of cartridge fits equipment, includes bottle of head cleaner solution. 28 R 72711 Shpg. wt., 1 lb. Net 2 99

(EE) THC-14 "DOUBLE-HEADER" 8-INACA "TUNE-UP" CARTRIDGE, Has Deeper head cleaner tape at one end, and tape drive cleaner at other end, Beeper cleaning tape cleaner at other end, Beeper cleaning tape. has recorded beep signals to indicate number of times tape passes and contacts head of player-recorder during cleaning operation. 28 R 72729 Shpg. wt., 10 oz. .. Net.2.29

(FF) TSA-33 "MINI" CASSETTE STORAGE AL BUMS. Set of 3 library albums. Each stores 3 cassettes 28 R 72737 Shpg. wt., 7 oz. ... Net 1.99

(GG) TSA-24 CASSETTE "TOTE-ALBUM", Foldout album has 4 trays with recessed com-partments and built-in "stops" to protect 24 Cassette tapes, Album has snaplock for secure closing and convenient carry handle. Complete with tape logs for listing record-ings, Ideal for home shelves and outdoors. 28 R 72745 Shpg. wt., 11/2 lbs. Net 4.99



#### LAFAYETTE RECORDING TAPES

## LAFAYETTE'S FAMOUS MONEY-BACK GUARANTEE

YOU BE THE IUDGE!

Lafayette's tape is made by outstand-ing nationally known manufacturers. It is first quality, splice free, red oxide coated, with full frequency re-sponse, uniform output and no "drop-outs." Resistant to moisture, heat, cold and abrasion.

We guarantee absolute satisfaction or your money back. If for any reason you are dissatisfied, return the tape within 30 days and we will refund your money less only transportation charges. You are the sole judge.



#### LAFAYETTE ACETATE BASE RECORDING TAPE

Provides wide range high fidelity response over the audio spectrum. Features noise free reproduction, low abrasion and uniform output, Average shpg. wt., 1 lb.

			-		N	et Per R	pel
Stock No.	Feet	Reel	Mils	Wt. Ibs.	1-4	5-24	25 up
28 R 01025	600	5"	11/2	1/2	.99	.90	.85
28 R 01033	900	5"	1	1/2	1.20	1.10	.99
28 R 01017	1200	7"	11/2	1	1.59	1.49	1.35
28 R 01041	1800	7"	1	1	1.98	1.88	1.79

#### LAFAYETTE MYLAR®\* BASE **RECORDING TAPE**

Mylar base is especially strong, durable and break resistant, and is virtually impervious to heat, cold or humidity. All in clear plastic reels, individually boxed. Average shpg. wt., 1 lb.

				124 1 200	Net Per Real		
Stock No.	Feet	Reel	Mils	Wt. lbs.	1-4	5-24	25 up
28 R 01058	1200	5"	1/2	1/2	1.75	1.58	1.42
28 R 01066	1800	7"	1	1	2.14	1.93	1.75
28 R 01074	2400	7"	1/2	1	3.10	2.79	2.51

#### LAFAYETTE TENSILIZED MYLAR®\* TAPES

Tensilized mylar gives you the most permanent type of base and is therefore ideal for your most treasured recordings. All are ½ mil, thus permitting the maximum amount of footage per reel. Individually boxed.

					N	et Per Re	eel
Stock No.	Feet	Reel	Mils	Wt. Ibs.	1-4	5-24	25 up
28 R 01090	300	3"	1/2	2/4	.69	.63	.59
28 R 01108	600	31/4"	1/2	1/4	.99	.90	.81
28 R 01116	1200	5"	1/2	1/2	2.25	2.03	1.83
28 R 01082	2400	7"	1/2	1	3,49	3.14	2.86
28 R 01231	3600	7"	1/2	11/4	4,98	4.49	3.99
0.14	.1 1-	46	int and	d DuPa	m 4 4 m m 1	damael.	

for its polyester film.

#### LAFAYETTE TAPE FOR AUTOMATIC REVERSING TAPE RECORDERS

These tapes are specifically intended for tape recorders providing automatic reversing of tape. Each tape has a green color coded leader, a red color coded trailer, and a metal sensing strip at each end to activate the automatic reversing mechanism in tape machines having this feature. This tape may also be used on machines which do not reverse tapes. Average Shpg. wt., 1 lb.

				N	et Per I	teef
Stock No	Feet	Reel	Description	1-4	5-24	25 up
28 R 01165	1200	5"	1/2 mll mylar	1.99	1.84	1.67
28 R 01173	1200	7"	1½ mil acetate	1.84	1.73	1,62
28 R 01181	1800	7"	1 mit mylar	2.89	2,69	2.43
28 R 01199	2400	7"	1/2 mil tens mylar	3.99	3.74	3.52

#### NORTRONICS TAPE HEADS and ACCESSORIES

QUIK-KIT	MOUN	TING HARDWAR	E
Stock No.	QK No.	Description A	let Ea.
28 R 57357 28 R 57340	18 20	SIDE-MOUNT All erase 3000 RP series	1.25
28 R 57332 28 R 57381	38	Other RP BASE-MOUNT All erase	1.25
28 R 57373	21	3000 RP	1.25
28 R 57365	66	Other RP SPECIALS	1.25
28 R 57928 28 R 57993	102	Sony RP Sony RP	1.75
28 R 58256		Sony erase	1.50

#### FREE TAPE HEAD REPLACEMENT INFORMATION

Below is a partial tape head replacement listing. We can supply information and Nortronic replacements for over 2800 recorder models. If yours is not listed, write to us supplying manufacturer and model number, tape head function and track

AT-100 Alignment tape, Full-track 7½ ips, For head azimuth alignment & NAB testing frequency response of any recorder or tape head. Shpg, wt., 6 oz. 28 R 57589 Net 9.90

AUTO AND HOME 8-TRACK CARTRIDGE REPLACEMENT HEAD

Record/Playback replacement head for practically all auto and home 8-track cartridge tape players. Shpg. wt., 3 oz. 28 R 58272 Nortronics 5800 Net 10.90

Func-

#### DIRECT REPLACEMENTS FOR POPULAR TAPE RECORDERS

Premium quality no-mount heads for replacement and conversion purposes. Use with mounting kits, below, for easy installation.

Response 40-20,000 Hz at 74/2 ips. Crosstalk rejection 55 db. For

Stock No.	Type	tion	Prefixed CP, EP, LT, PB, TP	Kit	Ea.
28 R 57019	1000	RP	2008, 2208, 2323(-1, 1A) 2007, 2107(-1), 2150, 2007(-1), 2208-1, 2250 (-1), 2328(-1), 2356(-1, 1A, 1B), 2357(-1), 2360(-1), 2366-1B, 2391, 3392, 3393, 4007-1,		21,50
				100	

			2357(-1), 2360(-1), 2366-18, 2391, 3392, 3393, 4007-1,	-	
1		-	For CONCORD		3 30
28 R 57084 28 R 57019 28 R 57100 28 R 58090 28 R 58090 28 R 57100	3101 1000 1401 1007 1007 1401	RP RP E R RP E	320, 330 400D, 401, 400RP 440 880 990, 994 All above	66 19 66 66 19	10.60 21.50 9.50 21.50 21.50 9.50
			For YM Models		
28 R 57084	3101	RP	710(A), 711(A), 714, 730, 750(A), 1000	20	10.60
28 R 58066 28 R 57100	1401	RP	710Q, 720, 722, 735 (add A track) 740(1), 741, 755, 1001-(1, 2), 1002-(1, 2) 710Q, 720, 722, 755,	38	21,50
28 R 57282	6002	RPE	1001-(1, 2), 1002-(1, 2)	18 38	9.50 24.00

frequencies to 100 kHz, Av. Shpg. wt., 4 oz. R-Record; P-Play; E-Erase. \*Mounting hardware where required. (See below). With instructions,

For SONY SUPERSCOPE

210CK MO!	Ilbe	tton	Sour Lightings IC' 22W	MIL	E.S.
28 R 57019	1000	RP	262(D, St), 464(C, S, D, SL)	102	21.50
28 R 57019	1000	RP	300, 500, 501, 521	119	21,50
28 R 58090	1007	RP	200, 250, 260, 350, 530, 600	102	21.50
28 R 57100	1401	E		306	9.50
	F	or REV	FRE, WOLLENSAK, 3M		
28 R 58033	**RPE-20	RP	E 10, 11, 15-27, 200, 202,	1	
20 11 00000	or	1	700, 700D, 750, 752, 762,	-	22.00
28 R 57423	**RPE-23		800, 800D, 826, 850, 852,		1000
20 11 37 420	(See Note		900, 905, 925, 926, 1000,		
	(360 11010	'	1005, 1025, 1026, 1100,		
			1105, 1125, 1126, 1200,		
	ALC: N		1205, 1225, 1226, 1400	-	
	A Control of		(B, C, D, E), 1405, 1425,		1777
	-	1	1426, 1500, 1520, 1570,		
		100		0.01	15.54
	13-031		1600, 1700, 1800, 2000,		
	79	1	2005, 2025, 7805,		40.00
			70000 series		18.05
28 R 57423		RP			18.05
28 R 57282	6002	RP	E 1280, 1281	-	24.00
** RPE-20 re	places ori	ginal	Nortronics, RPE-23 replaces or	gina	Shure.

"Quik-Kits purchased separately; see table above.

28 R 57084	3101	1 RP	1015, 1025, 1525	21	10,60
28 R 57084		RP	115, 500, 555		10.50
28 R 58165	1008	RP	755, 7558		21.50
28 R 57100	1401	E	755. 755S	19	9.50



# Scotch

# RECORDING TAPE AND ACCESSORIES





TYPE 111 STANDARD TAPE—142 MII Acetate Coated with red oxide. Popularly used for high fidelity all purpose recordings. On plastic reels. Av. Shop. wt., I ib. ea.

					Net Each		
Stock No.	Type No.	Reel	Length Feet	1-11	12 Up		
28 R 33D44	111-1.5	3"	150	,55	.49		
28 R 33069	111-6	5"	600 -	1.77	1.60		
28 R 33077	111-12	7"	1200	2.67	2.40		

TYPE 202, 203 "DYNARANGE" SERIES—Designed primarily for professionals, but now available for home recording. Permits slower speeds without loss of fidellty. Low noise level, long wear. Ideal for transcribing. Shog, wt., 1 lb.

Stock No. T	ype No.	Base	Reel	Lgth. Ft.	1-11-	Each 12 Up
28 R 33382		1.5 Mli Poly.	5"	600	2.09	1.88
28 R 33390 28 R 33408		1.5 Mil Poly. 1 Mil Poly.	5"	1200 900	3.50	2.68
28 R 33366	203-18	1 Mil Poly:	7"	1800	5.05	4.54

TYPE 206, 207 NIGH OUTPUT-LOW NOISE TAPE—Professional mastering tape with 50% increase in output over standard low noise tapes "Positrak" backing extends tape life, eliminates dropouts. Available in 60 and 90 minute lengths, recording both directions at 7½ IPS. Shog. wt. 1¼ lbs.

Stock No.	Type No.	Playing Time at 71/2 IPS	Net 1-11	Each 12 Up
28 R 33507	206-1/4-R60 206-1/4-R90	60-minutes	4.49	4.04

TYPE 175 TENZAR—1½ Mil tenzar coated with a high potency oxide, offers 16 times greater tear resistance than acetate backing. For continuous play, fast stops and starts non-drying silicone lubricated to protect recorder heads. Avg. shpg. wl., 1 lb.

				Met	Each
Stock No.	Type No.	Reel	Length Feet	1-11	12 Up
28 R 33275	175-6	5"	600	1.68	1.51
28 R 33283	175-12	7"	1200	2.58	2.32

#### SCOTCH CASSETTE TAPE

"Positrak" backing eliminates "wow" and assures jam-free cassette performance, in plastic storage boxes. Avg. Shpg. wt., 6 oz. EXTENDED ENERGY CASSETTES — Highest quality, low noise, dependable cassette unsurpassed in dynamic range.

			Net I	ach	
Stock No.	Турв	Minutes	1-11	12 Up	
28 R 33473	S-C-30	30	1,69	1,52	
28 R 33416	S-C-60	60	1.99	1.79	
28 R 33457	S-C-90	90	2.99	2.69	
28 R 33465	S-C-120	120	3.99	3.59	

HIGH ENERGY CASSETTES — New cobalt-energized oxide provides 3 to 5 db increase in signal-to-noise ratio. Fully compatible with all cassette recorders.

. 100	100	415-2553	Het	Each
Stock No.	Type	Minutes	1-11	12 Up
28 R 33523	S-C-30HE	30	2.39	2,15
28 R 33531	S-C-60HE	60	2.79	2.51
28 R 33549	S-C-90HE	90	3.99	3.59



#### "LIVING LETTERS" 3 INCH TAPE IN PLASTIC MAILERS

3" reels providing ¼, ½ or 1 hour recordings. In convenient hinged plastic mallers meeting postal standards, Shpg. wt., 5, oz.

					Net 1	Each
Stock	No.	Type	Lgth	. Ft.	1-11	12 Up
20 R	33424	111-1,50	L 150 (1/4	hour)	.72	.65
28 R	33432			hour)	1,46	1.31
28 R	33259	290-6LL	600 (1	hour)	1.99	1.79
#11	ADDRES	S LABELS FO	R LL MAILIP	IG CONT	FAINERS, Pack	age of 10
addit	ional p	ressure-sensi	tive adhesiv	e addr	ess labels fo	or "Living
Lette	rs" pla	stic mailing I	boxes, Shpg.	wt., 3	OZ.	
28 R	33440		Lots of 12	2. ea.	.45 Singly,	Ea50

TYPE 150 EXTRA-PLAY TAPE—1 Mil extra strong Polyester base high fidellty tapes, Withstands high tension and break resistant. All plastic reels. Avg. shpg. wt., 1 lb.

				Net	Each
Stock No.	Type No.	Reel	Length Feet	1-11	12 Up
28 R 33168	150-9	- 5"	900	2.40	2.16
28 R 33176	150-18	7"	1800	4.11	3.70

TYPE 200 TENSILIZED—Tensilized Polyester .50 mil tapes, Provides twice as much playing time as the 1.5 mil standard tape. Stronger and more durable than usual long-play tapes. On plastic reel, Avg. shog, wt. 2¼ lbs.

1000110				Net Each		
Stock No.	Type No.	Reel	Length Feet	1-11	12 Up	
28 R 33218 28 R 33226	200-24 200-48RPS	7" 10½"	2400 4800	6,68 15,11	6.02 13.60	

TYPE 290—1/2 MII polyester tensilized tape super strong 50% extra playing time has silicon lubricant to give minimum of friction wear.

				MCI	Eace
Stock No.	Type No.	Reel	Length Feet	1-11	12 Up
28 R 33242	290-18	5"	1800	4.92	4.43
28 R 33267	290-36	7"	3600	7.99	7.19

#### SCOTCH RECORDING ACCESSORIES

SPLICING TAPE

Pressure-sensitive tape made especially for splicing and editing magnetic tape. Av. shpg. wt., 2 oz. SCOTCH 41-½-12.5 ½-x150" Roll in bag. 28 R 33291 Lots of 12, Ea. .43 Singly, Ea. .48 SCOTCH 41-½1 ½-x66". Less dispenser. 28 R 33309 Lots of 12, Ea. .64 Singly, Ea. .71 SENSING TAPE

LEADER-TIMER TAPE

Type 24-1W—Has 1 second interval markings for 7½" and 15" per second speeds. 100 ft. ¼" wide roll. Individually boxed. 2 oz. 28 R 33325. Lots of 12. Ea. .54 Singly, Ea. .60

Type PRST-7—Just lay recording tape inside and start recorder. Threads automatically. Snap-tight collar seals edges against dust. Shgg. wt., 8 oz. Lots of 12, Ea. .90 Singly, Ea. 1.00



#### LAFAYETTE QUADRUPLE-PLAY 1/4 MIL. RECORDING TAPE

Four Times More Recording
Time Than Standard Tapes
Up To 32 Hours Recording

Greatly extends the playing time of all recorders, particularly 31/4" reel machines. An ultra-thin 1/4 mil tensilized mylar recording tape with high-density magnetic coating. Offers excellent frequency response for sharper, brighter recordings. Outstanding performance with capstan-drive recorders.

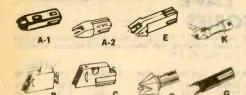
1100 Ft. on 3¼" Reef. Records 7 hours 20 minutes (all four tracks) at 17% lps; 3 hours 40 minutes at 3¾ lps. Shpg. wt., 4 0z. 28 R01256

2400 Ft. on 5" Reel. Records 16 hours (all four tracks) at 1% ips; 8-hours at 3% ips. Stereo 2-track records 8-hours at 1% ips, 4-hours at 3% ips. Shpg. wt., ½ lb.
28 R01264 Net 4.65

4800 Ft. en 7" Reel. Records 32 hours (all four tracks) at 1% lps; 16-hours at 3¾ ips; 8-hours at 7½ ips. Stereo 2-track records 16 hours at 1% lps, 8-hours at 3¾ ips, 4- hours at 7½ ips, Shpg. wt, 3¼ lb. 28 R 01272 Net 8.95

## **Electro-Voice and Astatic Cartridges**

#### **EXACT DUPLICATE PLUG-IN** CARTRIDGE-STYLI COMBINATIONS



Exact duplicate replacements with styli. STYLI CODE: D Diamond, S Synthetic sapphire. 1 is 1 mil point for monaural LP; 2 is 2 mil for mono LP & 78; 7 is .7 for stereo; 3 is 3 mil for 78 RPM. We will ship either Electro-Voice, Astatic or cartridge of original manufacturer. Color given to assist identifying original part sometimes is a color dot. Avg. shpg. wt., 3 oz.

#### FOR RCA

Stock No. Fig. Mfr. No.	Ast. No. E.V. No. Styli	Net-
24 R 50203 A-1 105836,37	83-1 83 S-1	2.10
24 R 50229 A-1 108555	89-1 — S-1	2.55

#### FOR WEBCOR White

GIT

S-1 S-3 2 37

24 R 50237 A-2 A1919

24 R 5024	5 A-2	A1920	Pink	91TX	76D	D-1. S-3	4.17
		re-qua-	FOR ZENIT	Н		- ATTORN	
24 R 50260	В	S15222	Green	97-1	113	S1	2.97
24 R 50278	В	\$15780	Red & Green	97-2	112	S2	2.97
24 R 50302	C	142-72	Yellow	99-2	110	S2	3.00
24 R 50054			Blue	93T	56	\$1, \$3	2,37

24 R 50260	В	S15222	Green	97-1	113	S1 2,97
24 R 50278	В	\$15780	Red & Green	97-2	112	S2 2.97
24 R 50302		142-72	Yellow	99-2	110	S2 3.00
24 R 50054			Blue	93T	56	S1, S3 2,37
24 R 50062			Orange	93TX	56D	D1, S3 4.17
24 R 50146			Red	93T-1	51	S1, S3 2.37
24 R 50393		142-103	Green	13AT	_	S7, S3 4.77
24 R 50195		142-106	Green	13ATX	_	D7, S3 6.57
24 R 50401		142-108	Blue	111	106	S7, S3 4.17
24 R 50419		142-109	Blue & Gold	111D	106D	D7, S3 5.97
24 R 50427		142-119	Dark Green	13 <b>T</b>	13	S7, S3 J.57
24 R 50013	G	142-120	Dark Green	13TX	13D	D7, S3 5.37

#### OTHER STERED-MONAURAL TYPES

24 R 50096	E	Blue-Silver	105	66	S7, S3	4.17
24 R 51334	F	Brown-White	115	108	S7. S3	4.35
24 R 51 342	F	Brown-White	115D	108D	D7 S3	5.97

#### REPLACEMENT CARTRIDGES FOR LAFAYETTE DECUDE CHANCEDS AND DRUNGCDADHS

STOCK NO.	For LAF. Model	MFR/TYPE	NET
24 R 29017	200	ST2VSS	3.60
24 R 38018	400	1116D	9.90
24 R 01665	AC50, AC50B		4.95
24 R 30239	30	5026D	6.90
24 R 29025	LSC45, LSC458, LSC100B	TN4BD	7.65
	LSC8000, LSC8000B, LSC888		
24 R 51524	MC22, LSC90	SC5H/667	5.37
24 R 40097	LSC25, LSC50, MS24, T60	SX5H	2.49
24 R 29033	M5B	SNH44	2.67
24 R 29041	MC10C	TDH44	3.00
24 R 29058	T33, TPS30, TPS35	CN72D	5.10
24 R 64006	L\$C6000, L\$C55	1A3D	3.99

#### **EXACT REPLACEMENTS FOR PLUG-IN** AND POWER POINT CARTRIDGES

Net-1,89

Exact replacement for the popular Elec-trovoice power points. Astatic Sound-flow and Jensen combination cartridge-styll. Made and Jensen combination cartriage-styll, made in U.S.A. Shg. wt., 3 oz.
Replacement for Astatic 13TX, Electrovoice 13D, and Jensen A-44XSD. Has diamond .7 mil and synthetic sapphire 3 mil styll.
24 R 37036 Net 4.25

Replacement for Astatic 13T, Electrovoice 13, and Jensen A-44X. Same as above but both tips synthetic sapphire. 24 R 37028 Replacement for Astatic BIT, Electrovoice B1, and Jensen A-41. Has 1 mil and 3 mil styli—both synthetic sapphire.



STEREO PLUG-IN COMBINATION CARTRIDGE AND STYLL



Monaural or Stereo

. 0.5 V. Output

Play either stereo or monaural, 4 terminals, channel separation: 20 db, response 20-15,000 Hz except \* is 25 db and 30-20,000 Hz with 350 mv output. RIAA equalized. Dutput 0.5 V, tracking force 6 gm. Select unit with mount if making an original installation in a standard arm; units less mount just slip into original mount. We will ship either Astatic or Electro-Voice. Shpg. wt., 3 oz.

Stock No.	Ast. No.	E.V. No.	Styli	Mount	Net
24 R 50120	1117	11	S7. S7	Less	3.57
24 R 50138	13T6	13B	S7, S3	With	4.17
24 R 50427	131	13	S7. S3	Less	3.57
24 R 50161	13TBX	13DB	D7, S3	With	5.97
24 R 50013	13TX	130	D7. S3	Less	5.37
24 R 50393	13AT*	_	S7, S3	Less	4.77
24 R 50195	13ATX*	V	07, 53	Less	6.57

24 R 50435 STEREO MOUNT for all above

#### WIDE RANGE AND HI-FI PLUG-IN **MONAURAL CARTRIDGES**

All are turnover type ceramic cartridges with dual 1 mil and 3 mil styll. Styll code same as all other cartridges on page. We will ship either Astatic

or Electro-Voice. Shpg. wt.. 3 oz.

WIDE RANGE TYPES
Replaces Sonotone 2T, Shure PC-2, 4 series and many others.

Stock No.	Ast. No.	E.V. No.	Styli	Mount	Net
24 R 50443	81TB	818	S1, S3	With	2.97
24 R 50021	81T	81	S1, S3	Less	2.37
24 R 50476	81TX	81D	D1, S3	Less	4.17

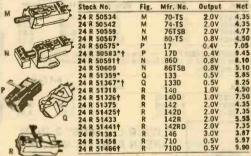
HIGH FIDELITY TYPES Replaces Sonotone 3T series, Shure PC-6, etc.

Stock No.	Ast. No.	E.V. No.	Styll	Mount	Net
24 R 50484	89TB	89B	\$1, \$3	With	3.57
24 R 50492	89T	89	\$1, \$3	Less	2.97
24 R 50518	89TX	89D	D1, \$3	Less	4.77

24 R 50526 MONAURAL MOUNT for all above

#### ASTATIC STEREO MONAURAL CARTRIDGES

All crystal turnover cartridges except \* which are ceramic turnover. All are equipped with .7 mil and 3 mil synthetic sapphire styll except † has. 7 mil diamond and 3 mil synthetic sapphire styll to play stereo. LP and std. 78 RPM. Shog. wt., 3 oz.

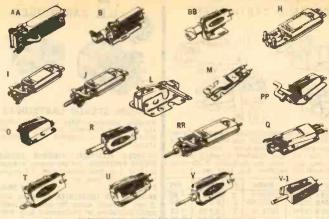




Crystal cartridges to replace Vaco cartridges used in many changers such as BSR, Glaser-Steers etc. Turnover type equipped with 2 needles, Tip Code; LS 1 mil and 3 mil; LT,7 mil and 3 mil. Shpg.

Stock No	Ast, No.	Tip	Fig.	Vaco Equiv.	Output	Het.
24 R 506	7 470	LS	S	TO-45 X (G)	3.0	3.57
24 R 506	25 472	LT	T	ST-2X, 100X, 20X, 20G	0.8	4.50
24 R 506	33 474	LT	T	ST-200X, 40X, 4X, 40G	2.0	4.35

## **Astatic and Electro-Voice Cartridges**



#### MONAURAL REPLACEMENT CARTRIDGES

Order by stock number. We will ship either Astatic or Electrovoice.
TURNOVER TYPES

All are equipped with dual synthetic sapphire styll; 1 mil (LP) and 3 mil (std 78). Average

Stock No.	AST No.	E.V. No.	Fig.	NET	Stock No.	AST No.	E.V. No.	Fig.	NET
24 R 50658	40T	-	AA	4.17	24 R 50781	310T	62	U	3.27
24 R 50666	40 <b>TB</b>		В	5.07	24 R 50799	310TS	63	V	3.27
24 R 50690	55T	38	PP	4.77	24 R 50823	314TS	68	R	3.27
24 R 50716	62TY	43	1	4.77	24 R 50864	420	80	BB	3.27
24 R 50724	64TS	84	R	4.17	24 R 50872	422	82	88	3.57
24 R 50732	66TS	48	RR	4.35	24 R 30205	445	38	1	4.44
24 R 50740	66TY	49	1	3.90	24 R 50765	120	50	V-1	3.87
24 R 50757	118	91	V-1	3.87		-20		- 1	3.07

MICROGROOVE TYPES

All with synth	netic sapph	ire 1 mil	styli	for LP or	nly. Except " ha	s .7 mli. S	hpg. wt.,	3 oz.	
Stock No.	AST No.	E.V. No.	Fig.	NET	Stock No.	AST No:	E.Y. No.	Fig.	NET
24 R 51011	62-1	41	Q	2.97	24 R 51045	414-1	77	บ	2.67
24 R 51029	310-7	58	T	2.37					-

ALL GROOVE TYPES

All equipped with single 2 mll synthetic sapphire styll for all speeds except \* Is osmium tip and t is less needle. Shop, wt., 3 oz

Stock No.	AST No.	E.V. No.	Fig.	NET	Stock No.	AST No.	E.V. No.	Fig.	NET
24 R 51052 24 R 51391 24 R 51094	16† 18 51-2	17	H M O	2.37 1.95 4.44	24 R 51102 24 R 51128 24 R 51144	66-2 310-2 414-2	59 78	H	2.97 2.97 2.67

#### REPLACEMENT FOR MAGNAVOX

Complete with mounting hardware and dual synthetic sapphire styll except the LP needle in types ending in D are diamond. † indicates stereo cartridge. Shpg. wt., 3 oz.

Stock No.	Mrf. No.	Fig.	Replaces Magnavox No.	NET
24 R 51169	463	1	560216-1-2, 560217-2, 560218-1-2	6.30
24 R 51177	463D	1	560219-2, 560228-1-2, 560229-2	8.70
24 R 51185	461+	2	560281-1-4, 560296-3-7	6.30
24 R 51193	461D†	2	560290-1-3*	8.70
24 R 51201	459t	3	56029-1-2, 560275-1-2	6.30
24 R 51219	459D+	3	560290-1-3*	8.70
24 R 51409	163D+	4	560350-1	8.70
24 R 51417	165D†	4	560355-1	7.50
24 R 51516	195D	4	560365-2	7.50

\* for Magnavox 560290-1 or -3 use Astatic 459 series for 2 hole mount, use Astatic 461 series for single hole mount,

# REPLACEMENT CARTRIDGE FOR RCA

• Replacement for cartridges in many thousands of RCA-45 and many LP record changers • 1 mil Synthetic Sapphire Stylus • 2.3 volt output • High Impedance Crystal • Takes 7-10 grams pressure • 5/8" Mounting

Exact replacement for many standard 45 RPM and 33½ RPM cartridges, For RCA: 74067, 74625, 75476, 75575, 76318; and Shure: W31AR, P73, P73A, P73AR, P73R. 24 R 60012 Imported



Synthetic Sapphire replacement stylus for above. 24 R 02055 Net .99

#### E-V SERIES 20 HI-FI STEREO-MONOPHONIC CARTRIDGES





Hi-Fi Ceramic cartridges. Exclusive design eliminates turntable rumble. 21 series are esimilates turnitate rumate. 21 series are single needle types with , 7 mll styli to play stereo and LP monaural, 26 series are turn-over types with .7 mll and 3 mll styli to play stereo and all monaural records. TIP CODE S = SYNTHETIC SAPPHIRE, D = DIA-MOND. Shpc, wt. 3 oz.

MOMD. SHPR.	W.L., 3 U.Z.		
Stock No.	E.Y. No.	Styli	NET
24 R 30056	21	S7	6.30
24 R 30072	21D	D·.7	9.00
24 R 30098	26	S7, S-3	6.90
24 R 30114	26D	D7, S-3	9.90

#### **ELECTRO-VOICE FEATHERIDE** WIDE-RANGE CERAMIC



- Absolutely Scratch Proof
- Plays Stereo or Monaural

Protect your records with these fine floating-Protect your records with these fine floating-action spring-suspension cartridges which makes it practically impossible to damage either record or stylus. Reduces distortion caused by warped records. Both are Hi-fi quality and will fit all standard arms with ¼" or ½" mtg. centers. Excellent separation and low distortion. Equipped with ,7 mil diamond and 3 mil synthetic sapphire styll. Shog. wt. 3 oz.

Shpg. wt., 3 oz.
TYPE 149DF Track pressure 2-4 grams. 24 R 30163 Net 10.50 TYPE 150DF Tracking pressure 4-6 grams. 24 P 20171 Net 10.50



#### REPLACEMENTS FOR RCA STEREO

All equipped with dual .7 mil and 3 mil styli. Types with " have diamond .7 mil and synthetic sapphire 3 mil; others both tips synthetic sapphire. Series 475 in phase; series 477 out of phase. Series 487 feather action. We will ship either E.V. or Astatic. Shpg. wt., 3 02.

	Stock No.	AST No.	E.V.	Replaces RCA	NET
24	R 51227	475	54	108213, A 11021	6.00
24	R 51235	*4 <b>7</b> 5D	54D	106960, A 11023	11.48
24	R 51243 R 51250 R 51276			106771, A. B	6.00 11.40 11.61

#### BSR STEREO AND MONAURAL TURNOVER CARTRIDGES



Flg. 4



The BSR TC8S/SX1H stereo and TC8H/X1HE output monaural cartridges are designed for quality performance. Both are turnover types. Complete with turnover mechanism. Im-ported. Shpg. wt., 3 oz.

MONAURAL TYPE (Fig. A) Replaces BSR TC8M, TC8H/1, TC8H/2 and X1HE with 1 and 3 mli styli, mtg. bracket.

24 R 40014

STEREO/MONAURAL (Fig. B) Replaces BSR, TC8S, TC8SM and SX1H, With .7 and 3 mli styli, mtg. bracket.

24 R 40022

Net 2.25

# Popular Replacement Cartridges

ASTATIC - SONOTONE CERAMIC CARTRIDGES



High performance ceramic cartridge now in use by many phono manufacturers and ideal for either general replacement or updating present equipment. All are stereo, stereo-monaural except series 31 which is for mon-aural use only. Series 217, 24TA are designed

for use with transistorized equipment. Series 9TAF. 16TAF, 18T, 21T, and 24TA feature the accident-proof, drop-proof. Sono-flex "F" stylus. All have standard mounting dimensions. Styli code for all below. D-diamond, S-synthetic sapphire. Avg. shpg. wt., 3 oz.

Stock No.	Model	Fig.	Styli	Net		Sappnire, Av	_		
24 R 79012 24 R 79020 24 R 79079 24 R 79087 24 R 79087 24 R 79178 24 R 79194 24 R 79343	3T-S 3T-SD 8TA-4SD 8TA-4SD 8TA-4S77- 9TAFHC-SD 1072-L8-SD	1 2 2 2 3 3 4	\$1-\$3 01-\$3 \$.7-\$3 0.7-\$3 \$:7-\$.7 \$.7-\$3 0.7-\$3 0.7-\$3	5.85 7.92 6.60 8.70 6.60 7.05 9.09 4.89 6.96	Stock No. 24 R 79210 24 R 79236 24 R 79244 24 R 79269 24 R 79509 24 R 79533 24 R 79558	Model 16TAF-S 16TAF-SD 18TA -S 18TA -SD 21T-S 21T-SD 24TA-SD 24TA-SD	6 6	\$tyli \$.7-\$.3 0.7-\$3 \$.7-\$3 0.7-\$3 0.7-\$3 0.7-\$3 0.7-\$3 0.7-\$3	Net 4.92 6.99 4.53 6.60 5.37 7.35 6.60 8.79

## REPLACEMENT CARTRIDGE FOR GARRARD 30



Exact replacement cartridge for Garrard Model 30 automatic turntable. Ceramic turnover cartridge has .7 mil diamond stylus and 3 mil synthetic sapphire stylus. Shpg. wt., 3 oz. Net 6.90 Net 6.90 Replacement stylus assembly for above. Shpg. wt., 2 oz. 24 R 03335

## REPLACEMENT CARTRIDGES FOR VACO and RONETTE



Replacements for thousands of changers and players both imported and domestic. All types equipped with synthetic sapphire styli and turnover mechanism. Imported. Shpg. wt., 3 oz.

Stereo/monaural with .7 mil and 3 mil styli, mtg, bracket and knob, Output 7 volts, Re-places VACO ST-2, ST2X, ST-20, ST20X, ST-100, ST-100X; Ronette types 1, 23, 4, 92 and 105 series, stereo OV series and Stereo T series; Astatic 86TSB, 80TS, and EV 95 and 97. Imported. 99 R 10167

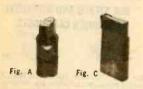
Net 1.99 REPLACEMENT STYLI 99 R 10175 ,7 mil for stereo 99 R 10183 3 mil for 78 Diamond ,7 mil for stereo 24 R 01586 Net .99 Net .99

Net 2.49

Stereo/monaural. Same as above but output is 2 volts. Replaces VACO ST4, ST4X, ST5. ST5X, ST40, ST40X, ST200, ST200X and Ronnette 106 series, 208 series, Astatic 76TSB, 70TS and E.V. 96 and 98. Imported, 248, 2910. 24 R 79103 Net 2.99

Monaural with 1 mil and 3 mil styll, mtg. bracket and knob. Output: 2-3 volts. Replaces VACO types T45, T045, T045, T045, Ronnette types 15, 18, 21, 24, 7825, DC395, DC395, DC400, DC-400-222, DC-400-2228, DC500, T0-284 series, T02851 T0285 series, T0-395 series, T0-400-200, T0-400-220; Net 1, 220 and E.V. 80, 88. Import. PR 10225 Net 1.79

#### BSR 45 RPM SPINDLES



For automatic operation of a stack of 45 R.P.M. records on BSR Changers. Shpg. wt., 4 02.

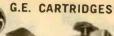
Fig. A. For use with BSR Model UA-15 Net 1.75 Fig. C. Flat spindle for use with UA-15SS, UA-25, UA-40. McDonald 400, 500, 500A, 600; BSR 1500, 2500, 15. 25, 65 and 75 series. 24 R 02204

Net 1.49 Fig. C. For use with Mini-Changer UA-50 Net 1.49

#### REPLACEMENT FOR SONOTONE 2TA-S CERAMIC CARTRIDGES



This high fidelity monaural turnover cartridge is equipped with dual styli to play all types of both monaural and stereo records. Has. 7 mil and 3 mil synthetic styli. Replaces a host of cartridges including previous Sonotone models of 21 series, 9880 series which were used in thousands of record changers and players. Frequency response: 20.20,000 Hz—flat to 12,000 Hz. 21 R384891. Shpg. wt., 3 oz. Net 8.07 MODEL C200—Essentially same as Model C100A except frequency response 20 thru 12,000 Hz, output 3.00 millivolts. 21 R384891. Shpg. wt., 3 oz. Net 8.07 TA-1 Replacement stylus for C100A and C200. 24 R79111 Shpg. wt., 3 oz. Net 3.95





#### VR-1000 STEREO CARTRIDGES

Variable reluctance stereo cartridges featur-ing extended frequency response and low tracking pressure. Supplied with diamond stylus

VR-1000-3 ELLIPTICAL DIAMOND NEEDLE STEREO CARTRIDGE. For any quality changer or tone arm that tracks from 3-7 grams vertical force. Shpg. wt., 5 oz. 21 R 38493L Net 20.84

VR-1000-5 FOR TURNTABLES. Complete with .5 mil. diamond stylus for use with auto-matic turntables or professional tone arms that track at 4 grams or less. Shpg. wt., 5 oz.

VR-1000-7 FOR CHANGERS. Essentially the same as VR-1000-5 but designed for the greater 3-7 gram tracking force required by most record changers. .7 mil diamond stylus. 21 R 38030L Shpg. wt. 5 oz. Net 12.59 Net 12.59

#### VR-II MONAURAL CARTRIDGES

Variable reluctance monaural cartridges feavariable reluctance monaural cartridges fea-turing smooth frequency response and ex-tremely high compliance, Utilizes clip-in tip stylus assembly for simple installation, Car-tridges supplied less stylus. Select stylus type(s) to suit your particular application from listing below. VR-IIS SINGLE-TYPE CARTRIDGE. "Single-Play" cartridge accomposition.

VR-IIS SINGLE-TYPE CARTRIDGE. "Single-Play" cartridge accommodating one stylus. Supplied less stylus. Select stylus from list-ing below. Shgg. wt., 3 oz. 21 R 38519 LCartridge less stylus. Net 5.42 VR-IIO DUAL TYPE CARTRIDGE. Convenient dual stylus "Triple-Play" cartridge. A twist of the knob brings either microgroove (LP or 45 RPM) or standard, 78 RPM stylus into position. Supplied less styll. Select styli from listing below. Shgg. wt., 3 oz. 21 R 38535 L Cartridge less styll. Net 6.67

G.E. STYLI

Individual stylus tips for VR-11 series cartridges. D—diamond stylus, S—synthetic stylus, Shog, wt., 3 oz.

Stock No.	GE Type	Stylus	Net
21 R 38188L	4G-07S	.7 mil S	1.42
21 R 38196L	4G-02S	2.5 mil S	1.42
21 R 38204L	4G-03S	3 mil S	1.42
21 R 38212L	4G-07D	.7 mil D	3.33
21 R 38220L	4G-02D	2.5 mil D	3.33
21 R 38238L	4G-03D	3 mil D	3.33

#### MODELS C100A and C200 STEREO CERAMIC CARTRIDGES





MODEL C100A—A quality stereo ceramic replacement cartridge for thousands of phonographs and changers in use today. Freq. response 20 thru 12,000 Hz. output 450 millivolts. With .0007 dia. and .003 synthetic

## **Phono Preamps, Amplifiers & Accessories**

#### LAFAYETTE PHONO PREAMPLIFIERS

Ideal For Use With Amplifiers That Do Not Have Low Level Inputs For Magnetic Cartridges

#### LAFAYETTE SOLID STATE STEREO PHONO PREAMP

A self-powered, compact solid-state stereo A self-powered, compact solid-state stereo phono preamplifier sepecially designed for use with Hi-Fi stereo amplifiers not having magnetic cartridge inputs. The exceptional feature of this preamplifier is that its compact size permits mounting quickly and simply to the sides or back of the record changer/player base, without marring the appearance of your matched Hi-Fi system.

4 Silicon Transistor Circuitry
 Compact Size Permits Concealed Mounting

Frequency response: 30-20,000 Hz. RIAA Playback Curve, Gain: 6 mv, input for 0.5 volt output, input impedance: 50,000 ohms. volt output. Input Impedance: 50,000 ohms. S/N ratio over 60 db. Input: 2 RCA type phono jacks, Output: 2 RCA type phono jacks. Power Supply: 117 VAC 50/60 Hz. Power consumption: 1 watt. Size: 4x2½x1½\*." Imported, Shpg. wt., 1 lb. 99 R 02198

95



MONAURAL PHONO PREAMP

A self powered monaural preamplifier for use with any MI-Fi amplifier that does not have a low level input for magnetic cartridges, tape head, or microphone, Response: ±2 db 30-20,000 Hz. Gain (Phono): 40 db, 5 mv input for 1 volt output. Gain-Mike 60 db, 1 mv input for 1 volt output. Output impedance: 100,000 ohms. Phono-Tape Equalization

switch, 2 input jacks, 16 inch output lead with RCA phono plug. Power supply: 105-125 VAC, 50/60 Hz, 4 watts. Size: 33/433/6x311/4". Pollshed chrome chassis. Less 12AX7A tube. Imported. Shpg. wt., 2 lbs.

99 R 01380 Net 6.95 12AX7A tube for above. Shpg. wt., 4 oz. 36 R 31900 Net 1.40



STEREO PHONO PREAMP

Self-powered stereo preamplifier for use setr-powered stereo preamplifier for use with any stereo amplifier that does not have low level inputs for magnetic cartridge, tape head, or microphone. Response: ±2 db 30-20,000 Hz, Gain (Phonograph): 40 db. 5 mv input for 1 volt output. Gain (Microphone): 60 db, 1 mv input for 1 volt output. Output impedance: 100,000 ohms. Preamp has PhonoTape Equalization Switch, 4 input jacks, 2 16-Inch output leads with RCA phono plugs. Power supply: 105-125 VAC, 50/60 Hz, 8 watts, Size: 53%x33%x44's". Polished chrome chassis, less 2 12AX7A tubes. Imported. 99 R 01398 Shpg. wt., 23/4 lbs. Net 9.95 12AX7A tube for above (2 required) 36 R 31900 Net 1.40

095

THREE TUBE AC-DC PHONO AMPLIFIER

198 (Less Tubes)

- Output Transformer
- Variable Tone Control

Equipped with a variable tone control and volume control with off position. Delivers up to 2 watts output to 3 ohm speaker. Uses 3 tubes: 35W4, 50C5, 12AV6. Input impedance: 150 K ohms. Features top mounted output transformer. Less tubes. Size: 5% x 2%, x 4\*. Imported. Shpg. wt. 1½lbs.

99 R 01539

36 R 90013M Kit of 3 tubes. Shpg. wt., 9 oz.

Net 3.38

4 TUBE AC/DC STEREO PHONO AMPLIFIER

(Less Tubes)

- 2 Output Transformers
- 2 Separate Tone Controls



Powerful yet compact stereo amplifier produces up to 2 watts per channel. Uses 4 tubes: 2 12AV6 2 50C5. Selenium rectifier power supply. Output impedance: 3 ohms. Separate volume controls for each channel. Size: 61% x2% x4". Less tubes. Imported. Wt., 31bs.

99 R 01547 36 R 90021M Kit of 4 tubes. Shpg. wt., 12 oz. Net 6.95 Net 5.24

#### 4-SPEED PHONO MOTOR

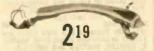
24 R 35014 Mounting boards. Wt., 2 lb. Net 1.50



#### RADIO BROADCASTER/ PHONO OSCILLATOR



STEREO/MONAURAL PICKUP



High output crystal turnover cartridge for either stereo or monaural operation. Synthetic sapphire needles (1 mil and 3 mil) for LP and standard 78 RPM use. Replacement for most manual players. Mounts in 3/4" dia. circular hole, Imported.

99 R 10241 Shpg, wt., 5 oz. ... Net 2.19 Synthetic Sapphire LP replacement needle. 99 R 10274 Shpg. wt., 2 oz. ... Net .99 Synthetic Sapphire STD replacement needle. 99 R 10282 Shpg. wt., 2 oz.

AUTOMATIC HI-FI SHUTOFF

Shuts off Hi-Fi equipment at the end of the last record. A 3-position switch allows the use of this one unit for all record changers, domestic and imported. This switch also permits manual operation if the automatic shut-off feature is not desired. Housed in a rugged drawn-steel case with mounting ears, amplifler outlet, and 6 ft. AC cord. Size: 2½kk434x1½". Shpg. wt., 10 oz.

Net 5.25

Have fun making announcements and broad-casting music through your own radio with this broadcaster, Simply connect high impe-dance microphone or phono pickup to broadcaster and tune in broadcaster on radio. No wiring between the broadcaster and radio set. Pretuned to 1600 on radio dial but easily retuned. With 128E6 and 35W4 tubes, phono jack, 2 feet of antenna, schematic and line cord. Completely wired. Chassis size: 4x2". For 110-125V AC-DC operation, Imported. 99 R 01778 Shpg. wt., 13/4 lbs. Net 5.29

# **LAFAYETTE Replacement Styli**



The symbols in the column headed "PT SIZE" are explained in the table below.

LP = Monaural 1 MIL DIAMOND MICROGROOVE FOR 33 V3 AND 45 RPM

COMB = MONAURAL DUAL 1 MIL DIAMOND AND 3 MIL SYNTHETIC SAPPHIRE

S = STERED .7 MIL DIAMOND

SST = STEREO .7 MIL DIAMOND AND 3 MIL SYN- EXCEPT THOSE NOTED

SLP = STEREO .7 MIL DIAMOND AND 1 MIL SYN-THETIC SAPPHIRE

ANY STYLI ON THIS PAGE

LAFAYETTE DIAMOND STYLI ARE MADE FROM WHOLE DIAMONDS, PRECISION GROUND

AND POLISHED, SAPPHIRE STYLI ARE FINEST SYNTHETIC.

#### HOW TO ORDER

Identify your needle by cartridge number and illustration on this and the facing page. Order by the appropriate stock number. Shpg. wt., 3 ez.

	Constitution of the state of
Stock Size No. Pt. Fig. Cartridge	Stock Size
No. Pt. Fig. Cartridge	No. Pt. Fig. Carty
FOR ACOS CARTRIDGES	24.0.00000 000
24 R 01602 SST 1 73-1	24 R 02956 SST 32 5015 24 R 02964 SST 33 5050 50
	2410 00000 000
FOR ADMIRAL CARTRIDGES	24 R 04077 S 83 5078
24 R 01156 LP 2 409A11,-B11,-B12,-	24 R 04085 SST 84 5082
A12	24 H 04093 SST 84 5026, 50
24 R 01180 Comb. 3 409820 24 R 01206 LP 4 409830	24 K U4101 SST 84 5076
	24 R 04119 SST 84 5083, 50 24 R 04127 SST 85 5093, 50
24 R 01529 S 5 409833-1 (2-1) 24 R 01537 S 6 409C37-1	
	FOR EUPHONICS CARTRIDO
FOR ASTATIC CARTRIDGES	24 R 01651 S 34 .E1-3
24 R 01206 LP 4 Q. 44, 46, 166T	24 R 01719 S 35 U-1-2-4-5
Series	24 R 01784 SST 36 U-8 24 R 01891 SST 36 U-10 U-1
24 R 01214 LP 7 AC, 40, 1, 2, 166T 24 R 01222 LP 8 408 4101	
24 H 01222 LP 8 408, 410L	
24 R 01297 LP 10 K Series 64 66 ce	24 R 01347 LP 37 RPX040, 0
84	24 H 01362 LP 38 RPX040A.
24 R 01644 SST 11 17 170	24 P 01270 10 063A
24 R 01792 LP 12 118, 120, 124, 310,	24 R 01370 LP 39 VRII Serie
24 P cases com 420 Series	
24 R 01859 SST 13 133, 137, 233 24 R 02295 S 12 ST.100 70 74 70	24 R 01610 S 40 VR227 24 R 01776 SST 41 C100
12 01-100, 70, 74, 76.	24 R 02360 SST 41 C200 C10
24 R 02303 SST 14 153, 157, 461 481	24 R 02378 SST 42 C500
24 R 02311 SST 15 120 140	24 R 01354 Comb. 43 RPJ-013, -
	24 N 04135 SST 42 C-650 (RE)
- 7 UZ / UB 3 / Q	24 R 04143 S 86 C-660
24 R 02774 SST 18 165, 353, 355	FOR MAGNAVOX CARTRIDGE
24 8 02331 221 19 393	24 R 01180 Comb. 3 560177 86
24 B 04000 000	24 R 01396 Comb. 44 560151, 50
24 R 04036 SST 81 207	81
24 R 04044 SST 81 222	24 R 01461 Comb. 45 560161 24 R 01792 LP 12 560176 R0
24 H 04051 SST 82 201 205 000	
24 R 04069 SST 82 213	24 R 01529 S 5 560233-4 24 R 01669 SST 46 560260-1
FOR BSR CARTRIOGES	24 R 01875 SST 27 560305-1
	24 R 02576 SST 47 560344.45
	24 R 02774 SST 18 560355
	24 R 02782 SST 31 560365
, ATTIC	FOR MASTERCRAFT CARTRIDG
FOR COLUMBIA CARTRIDGES	24 R 02584 SST 48 RP100
24 R 01560 S 23 SC1, 2, 7, 8	
FOR ELAC-MIROTWIN CARTRIDGES	FOR MOTOROLA CARTRIDGES
	24 R 01529 S 6 59K643335 24 R 01537 S 5 59R64395
FOR ELECTRO-VOICE CARTRIDGES	FOR PERPETUUM-EBNER CARTRI
24 R 01529 S 5 21 and 26 Corion	24 R 01420 Comb. 49 PF.8 PF.10
24 R 01867 SST 26 117, 131, 1310	24 K U1537 S 6 PE90 (M. N.)
24 R 01875 SST 27 132	24 R 02790 SST 51 PE-186

FOR ELECTRO-VOICE CARTRIDGES 24 R 01529 S 21 and 26 Series 24 R 01867 117, 131, 131D 24 R 01875 SST 27 24 R 01883 SST 24 R 02337 SST 28 141, 149 198, 199 24 R 02345 SST 24 R 02782 SST 5000, 5005

St	ock	Size		191		
- N	o.	Pt.	F	g.	Cartridge	
24						
24	R 0296	6 SST	33			
241	R 0333	4 SST 5 SST	33		0,5051	
24 F	0407	7 S	8:			
24 F	0408	5 SST	84			
24 F	0409		84		6, 5080	
24 6	0410	1 SST	84	507	6	
24 8	0411	122 6	84		3, 5084	
24 0			85	-	3, 5094	
	FO		ONIC	S CART	TRIDGES	
	01651		34	.E1-3		
24 R	01719		35	U-1-2	2-4-5	
24 R	01784	SST	36			
24 R	02352	SST	36		, U-11	
			36		U-13	
		NERAL	ELEC	TRIC C	CARTRIDO	ES
	01347	LP	37		40, 041,	
24 R	01362	LP	38	RPXO	40A, 050	A.
24.0				063A	100	12
24 K	01370	LP	39	VRII	Series,	4G-050
24 R	01610	S	40	GC-7		
24 R	01776	SST	40	VR22:	/	
24 R	02360	SST	41		C100A	
24 R	02378	SST	42	C500	CIUUM	
24 R	01354	Comb.	43	RPJ-0	13A	
24 R	04135		42	C-650	(REV)	
24 K	04143	S	86	C-660		
	FOR	MAGN.	XOVA	CARTE	RIDGES	
24 R	01180	Comb.	3		7, 88-1	
24 R	01396	Comb.	44		1, 58, 6	9 70.
24.0				61		-,,
24 H (	11461	Comb.	45	56016		
24 R (	1529	LP	12	56017	6, 80	
24 R	11669	422	46	56023		
24 R C	1875	TZZ	27	56026		
24 R (	2576	SST	47	560344		
24 R 0	2774	SST	18	56035		
24 R 0	2762	SST	31	56036		
	FOR N	ASTER	RAF			
24 R O	2584	SST	48	RP100	w.one2	
	_		-			
	PUR	MOTOR	ULA	CARTRI	DGES	

FOR PERPETUUM-EBNER CARTRIDGES

FOR PHILCO CARTRIDGES

24 R 01404 Comb. 44 M20, 22, 25, 45-9612

51 PE-186 51 PE-188

24 R 02790 SST 24 R 02808 SST

Stock	Size		
No.	Pt.	Fig.	Cartridge
24 8 01520	140	1. 1010	
24 R 01529 24 R 01537	2	5	35-2809, 24, 25
24 R 01586	2	6	35-2820, 26
2 4 10 1300	3	12	35-2827, 29
FO	R PH	ILLIPS	CARTRIDGES
24 R 01909	TZZ	52	AG3306, 3310
	FOR I	RCA CA	RTRIDGES
24 R 01156	LP	2	\$5652, 76257
24 R 01214	LP	7	76257, 988370-2
24 R 01222	LP		74067
24 R 01248 24 R 01347	Com	b. 9	100329
24 R 01461	LP	37	74466
24 R 01537	Com		76748, 100653
24 R D1578	SCT	6	RM P200, T, T-1
24 R 01768	CCT	5.4	106770, 1, 106960A
24 R 02394	T22	54	11348, 200-A2
24 R 02592	TZZ	56	DMD.204 445276
24 R 02816	S	58	116931
24 R 02816 24 R 03277	S	59	126316
24 N 04150	221	87	131779
24 R 04168	2	88	131788, 132034
FOR	PON	ETTE C	AUTHORN
24 9 01527	CHUN		ARTRIDGES
24 R 01537	3	6	BF40, 105, 106
24 R 01792 24 R 02469	LP		T0284, 400; RA284
47 n UZ463	LP	6	READ INE

24 R 02469 LP 6 8F40, 105

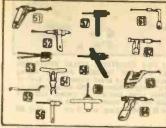
#### DUAL DIAMOND STEREO STYLI

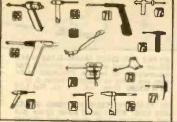
Styll listed below have 2 stereo points Styli listed below have 2 stereo points so that as one wears out you can use the other. Use to replace original styll with one stereo and one 78 RPM point if you are no longer using 78 RPM records. Figures shown at top of two facing pages. (FIG. 11). Replaces Astatic N4ISD styll in 170 cartifage.

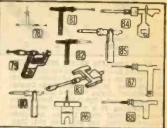
170 cartridge. 24 R 01800 Net 3.49 (FIG. 53). Replaces RCA styli 11020 and 110022 in cartridge series RPM, 106960-A 108213A, 106770-A and 106771-A VER 64 (FIG. 64). (FIG. 46). Replaces Sonotone styll N-8TAS SD, DD in cartridge 87, 8TA. 24 R 01826 Net 3.49

(FIG. 64). Replaces Sonotone styll N-9TS, SD, DD in cartridge series 9T. 24 R 01834 Net 3.49 (FIG. 64). Replaces Sonotone styll N16TS, SD. DD in cartridge series 16T 24 R 01842

# For Stereo And Monaural Cartridges







FOR KEY TO STYLUS POINT CODES AND HOW TO ORDER, SEE TOP OF PRECEDING PAGE

No.	Size	Fig.	Cartridge	
100	FOR	SHURE	CARTRIDGES	
24 R 01180 24 R 01156	Com	b. 3 2	PC2, 3, 4, 5; WC10 W21, -2; WC24, -5; P80	;

Stock Pt.

#### FOR SONOTONE CARTRIDGES

24 R 01461	Comb.	45	2T, ST; 9980
24 R 01305	Comb.	61	3T
24 R 01545		46	8T and 8TA
24 R 01552	SLP	46	8T and BTA
24 R 01677		62	91
24 R 01685		63	12THS
24 R 01727			16T Series
24 R 01735			18T Series
24 R 01743			12THSR
24 R 02410		65	21T, 22T, 23T, 24T
24 R 02428		66	26T. 27Y
24 R 02436		66	
24 R 02824		67	
24 R 03285	SST	68	51, 52, 54

#### FOR TELEFUNKEN CARTRIDGES 24 R 01487 Comb. 69 TTSA 70 T20-2

#### 70 24 R 02618 SST

#### FOR TETRAD CARTRIDGES

24	R	02626	SST	72	11. 31	
24	R	02634	SST	72	21, 41	
24	R	02642	SST		32	
24	R	02659	SST	72	13, 33	
24	R	02667	SST	72	52, 62	
24	R	02675	SST		42	

#### RECORD STATIC and DUST ELIMINATOR

Sprays a fine mist which keeps your record clear of surface noise created by static (com-mon 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 static-dust and Reeps records lustrous. Extends their life. Two applications a year are sufficient. Enough for hundreds of records. Shpg. wt., 10 oz. 24 R 70037 Net .99



#### RECORD CLEANER KIT



Deep clean your records the modern way, Specially prepared silicone anti-static record cleaning fluid protects your valuable records as it cleans, Just a few drops on new velvet applicator will give your records a professional cleaning job, Supplied with anti-static fluid, velvet applicator, 24 R 70045 Shpg. wt., 3 oz. .. Net. 1.19

24

#### ANY STYLL ON EXCEPT THOSE NOTED

1		ock lo.	Pt. Size	Fig.	Cartridge
	_		T	ETRAD	
24	R	0283		72	10, 40, 80
			D SST	72	23, 24
24	R	0297	2 SST	72	
24	R	0298	TZZ 0	72	
			SST	72	
		03004		72	20, 40
		03012		72	10, 30
		03020		72	80
		03036		72	71, 91
		03046		72	73, 93
		03053		72	
		0329		72	24, 44 74, 94
-	••	-000	331	12	14, 34

#### FOR VARCO (VACO) CARTRIDGES

4	R	01016	LP	73	T-45, S-45
9.	В.	02543	CCT	7.4	CN Cart
v		07747	331	74	CN Series
•		ASEEA	004		
۰	175	02550	22	75	TN Series
ı	15	03303	CCT	7.0	TN 4

#### FOR VM CARTRIOGES 16707-A 24 R 01545 SST 16708.F

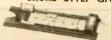
## FOR WEBCOR CARTRIDGES

24 R 0152	9 \$	5	21P573
24 R 0153			21P596, 21P598
24 R D154	5 557	46	217700-1-2-3-4

#### FOR ZENITH CARTRIDGES

24 R 01537	S	6 142-99B
24 R 02857	SST	77 142-126.12 7, 128,136
24 R 32865	SST.	137, 138 77 142-150, 151
24 R 03327	SST	78 142-167

#### SHURE STYLI GAUGE



Mdel SF6-2 Stylus Force Gauge. The Ideal way to have your tone arm set to exactly the correct tracking force. Detects both excessive or insufficient tracking forces. Accuracy to within 1/10 of a gram in the ½2 to 145 gram primary operating range; extended range to 3 grams with acc. tended range to 3 grams, Wt., 4 oz. 21 R 62584 Net 4.95



#### DELUXE CASE FOR 12" RECORDS

Handsome case holds 60—12" records with-out jackets, 36 with. Solld wood frame lock corner construction. Covered with Pyroxolin coated cloth, washable, Iwo tone, Sure-hold lock, 134x7x144/2". Shpg. wt, 43/4 lbs, 24 R 82016 Net 5.75

#### SYNTHETIC SAPPHIRE STYLI FOR ASTATIC, PHILCO. MAGNAVOX AND RONETTE

(FIG. 12). For ASTATIC 310T, 310TB, 310TS 310-2, 41-1, 420-15, 422-15, 424-15; PMIS, 310-2, 41-1, 420-15, 422-15, 424-15; PMIS, 35-8014, 325-8021; MAGNAVOX 560176; RONETTE Series DT-60, RA-284, TO-284, 3. Mil for 78 RPM Records 24 R 01982 2 Mil for 78 & Mono LP 24 R 02014 1 Mil for Mono LP .. Net .99

#### POPULAR REPLACEMENT DIAMOND STYLI FOR SHURF AND EMPIRE CARTRIDGES



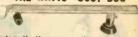
(FIG. A) .7 Mil Diamond Stylus For Shure M7D and M3D Stereo Cartridges. 24 R 01636

Net 7.50 (FIG. 8) :7 Mil Diamond Stylus For Shure M44 Stereo Cartridge. 24 R 03061 Net 8.75

(FIG. C) .6 Mil Diamond Stylus For Empire 880P Stereo Cartridge. 24 R 03079 Net 7.95

(FIG. D) .7 Mil Diamond Stylus For **Empire 888 Stereo Cartridge** Net 7.95

#### 78 142-167 THE WATTS "DUST BUG"®



Automatically removes dirt and dust on each playing. Light plastic arm mounts by subtion cup. Can be permanently mounted by rubber cement. The bottle of antistatic cleaning fluid has a built-in wick for application to a brush and pad at the end of arm. Imported, Sing. wt., 4 oz.

24 R 25015 DISPENSER OF ACTIVATING FLUID. For Dust ported. Shpg. wt., 2 oz. Net 2.50 Replacement Plush Pad and Nylon Brush.

Shpg. wt., 2 oz. 24 R 25031 Net 3.00 RECORD DUST REMOVER



For a dust-free record collection. The "Preener" penetrates each groove, remoying all dust and grit and deposits a non-toxic ionic compound. Leaves no trace of film or residue. Ideal for keeping new records new. 24 R 25056 Shpg. wt., 4 oz. ... Net 4.00

#### ROBINS PHONO AND RECORD ACCESSORIES



(A) PK-11 COMPLETE DELUXE RECORD CARE
KIT. Record Sweep mounts to any phono deck
by suction cup. Cleans and lubricates records
as they play. Includes Anti-Static Cleaner
and Lubricant, Stylus Pressure Gauge, Stylus
Microscope, and "Rob-0-Stat" Record Care
Kit consisting of a super-soft velvet and
foam applicator mitt, 1½ oz. anti-static
cleaner-lubricant, and poly-foam pad. Shpg.
wt., 10 oz. wt., 10 oz. 24 R 80648

.. Net 7.95

(B) PSG-3 STYLUS PRESSURE GAUGE. Accurately calibrateo gauge and counter balance, weight. Measures pressure to 1/2 gram. 24 R 80556 Shpg. wt., 4 oz, .... Net 1.09

(C) PM-1 STYLUS MICROSCOPE. Inspect stylus tip for signs of wear, chips, etc., to prevent record damage. Precision ground lenses, 50X magnification. Knurled focusing adjustment. Pocket cilp. Slot at end of scope holds stylus. Size: 3¼ x 1/2". Imported. Shog. wt., 3 oz. Net 2.10 24 R 80168

(D) PX-8 ANTI-STATIC RECORD-KLEEN SPRAY. Silicon lubricant and cleaner prevents dust accumulation on records. Eliminates static pops and clicks to improve fidelity. 8 oz. 24 R 80689 Shpg. wt., 13 oz. Net 1.29

(E) PK-5M PROFESSIONAL PHONO STROBE AND LIGHT KIT. 4-speed metal strobe disk and neon lamp. Tests phono speed accuracy at 1625, 3345, 45, and 78 rpm. 110 V. 50-60 Hz. A.C. Instructions included. 24 R 80358 Shpg. wt., 5 oz. .... Net 2.45

(F) PCD-1 RECORD CUEING CONTROL. For manual turntables. Raise or lower tone-arm without touching it. Floats to desired track of record with pin-point accuracy. 24 R 80820 Shpg. wt, 8 oz. .

PB-2 COMBINATION TONE-ARM LIFT AND RECORD BRUSH. (Not illus.) Clips to tone-arm. Sweeps dust and particles from records. Convenient finger lift prevents record scratches. Net .69 24 R 80028 Shop, wt., 2 oz. ....

(G) PB-3 ADJUSTABLE STYLUS BRUSH FOR ALL U.S. ANO IMPORTED PHONDS. Spring secured flexible brush adjusts from 3/4" to 2¼4" height. Removes blob accumulation on stylus when tone-arm is cycled. Self-stick base for easy mount to phono deck.

24 R 80549 Shpg. wt., 3 oz. ..... Net .89

(H) PB-9 DISC-WHISK RECORD CLEANER. Cleans and lubricates LP and 45 rpm records on both sides in one operation by rotating record. Deposits Anti-Static Silicon to improve fidelity. Record handling disc included. 24 R 80671 Shog. wt., 4 oz. Net 1.35

PG-2D DISPOSABLE DISC-KLEEN CLOTHS. (Not litus.) Package of 18 Anti-Static, Silicone impregnated cloths. Cleans and lubricates 24 R 80812 Shpg. wt., 4 oz. .... Net 1.05

PC-2 TWO ANTI-STATIC RECORD CLEANING CLOTHS AND CLIP-ON RECORD BRUSH. Shpg. wt., 4 oz.

24 R 80440 (Not illus.) ......



(I) PNT-1 PHONO STYLUS TIMER. Records (1) PNI-1 PHUNU STYLUS ITMEN. RECORDS elapsed time phono is in operation. 400 hour calibrated gauge indicates stylus wear to prevent needless record damage. Also indicates time for cleaning and general maintenance of equipment. Has self-stick back to mount to phono deck.

24 R 80770, Wt. 7 oz. Imported. Net 5.49

(J) PJ-18 ROUND BOTTOM PLASTIC RECORD COVERS. Protects 12" records. Pkg. of 18. 24 R 80564 Shpg. wt., 5 oz. ..... Net .81 PB-75 CLIP-ON RECORD BRUSH. (Not Illus.) Clips to tone-arm. Sweeps dust from records 24 R 80036 Shpg. wt., 2 oz. .... Net .49

(K) PSO-4 METAL 5" DIA, 4-SPEED STROBE DISC. Checks 16. 331/3, 45, and 78 rpm 24 R 80424 Shpg. wt., 3 oz. .... Net 1.19

(L) PB-10 PROFESSIONAL RECORD SWEEP. Sweeps dust and particles from delicate sound grooves of records. Deposits Anti-Static Silicone Cleaner and Lubricant. Improves sound fidelity. Mounts to phono by suction cup. Includes Cleaner and Lubricant. 24 R 80663 Shpg. wt., 5 oz .... Net 3.29

(M) PB-88 "CLEAN-SWEEP". Large soft hair brush cleans entire tracking surface of records up to 12". Self-stick base mount to any phono deck. Swings out of way when not 24 R 80010 Shpg. wt., 6 oz. ... Net 4.99

PRA-50 RECORD SPIDERS. (Not illus.) 50 hi-impact plastic, reusable 45 rpm adapters. Easy Insertion in records. Shpg. wt., 4 oz.

(N) PS-3 AUTOMATIC SHUT-OFF FOR MI-FI/
STEREO SYSTEMS. All solid-state circuitry for reliability. Let's you fall asleep to your favorite music without "equipment burn-up". Automatically shuts off hi-fi system after last record plays. Switch permits manual operation. Amplifier and phono plug into separate outlets of unit. For all U.S. and import equipment. Rated at 3 amps, 350 watts. Durable metal housing. Can be mounted. Size: 6½" x 2½" x 1½". With 6ft. line cord. 110 V. 50-60 Hz A.C.
24 R 80721 Shpg. wt., 2 lbs. .. Net 7.49
MSW-125 "AUDIO-CLEAN" SWABBIES". Pack.

MSW-125 "AUDIO-CLEAN" SWABBIES". Package of 125 soft cotton-tips wound on extra long applicators for safe cleaning and oiling of hard to reach parts of equipment. Shpg. wt., 4 oz. (Not illus.)
28 R 72117 Net .79



(0) PRS-12 POLY-LINED RECORD SLEEVES. Paper protective sleeves for 12" records. Has clear poly windows to show labels of records. Seals out dust and grime to preserve records. Pkg. of 12. 24 R 80796 Wt., 13 oz. ...

PK-6 "ROB-O-STAT" RECORD CLEANING RIT. Super-soft foam applicator mitt. 11/2 oz. Anti-Static cleaner and lubricant, and poly-foam pad. Shpg. wt., 5 oz. 24 R 80366 Net 1.59

TURNTABLE COVERS. (not illus.) Soft, heavy-gauge durable plastic covers. Fits most changers. Shpg. wt., 8 oz.

Stock No. Mfr's No. Size Net 24 R 80275 PJ-1 24 R 80838 PJ-3 24 R 80846 PJ-5 13x13½x8" 22x16½x8" 17x15x18¾" 1.69 1 99 1.99 (Q) PJ-25 ALBUM COVERS. 12 heavy weight plastic window clear covers with thumb notch for easy insertion and removal of record albums. 24 R 80705 Shpg. wt., 8 oz. .... Net 1.66

PL-2 ROUND TURNTABLE LEVEL. Assures accurate leveling of turntable for correct tracking. Minimizes stylus and record wear. Self-stick base for mount to phono. (Not Illus.) Shpg, wt., 3 oz. 24 R 80184

PC-4 TWO RECORD CLOTHS AND A 45 RPM SPINDLE ADAPTER. (Not Illus.) Wt. 3 oz. 24 R 80523 ... Net .81

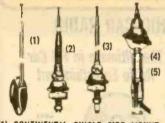
TX-56 NON-SLIP FOR PHONO DRIVES. Stops slippage of drive wheels, belts. etc. 2 oz. Not Ilius. Shpg. wt., 6 oz. 24 R 80804

(R) PK-9 "TEMBER LOVING CARE" RECORD KIT. Contains super-soft Velvet and Foam Applicator Mitt, 1½ oz. bottle of Anti-Static Record Cleaner and Lubricant, Polyloam Pad for cleaning the velvet side of the mitt, Adjustable Stylus Brush, and Combination Tone-Arm Lift and Record Brush. Stylus Brush mounts to phono deck by self-stick base. Adjusts from 3/4" to 2½" height for use with all turntables. Removes dust blob accumulation from stylus when tone-arm is cycled. Tone Arm Lift and Record Brush clips to tone-arm Provides convenient finger lift to prevent fumbling and scratching of records. Gently sweeps dust from delicate record grooves. Shpg. wt., 10 oz. Net 2.99 (S) PK-2 "TOUCH-0F-VELVET" RECORD CLEAN-

(S) PK-2 "TOUCH-OF-VELVET" RECORD CLEAN-ING KIT. Soft velvet cloth and bottle of Anti-Static Record Cleaner. Improves fidelity. 24 R 80861 Shpg. Wt., 6 oz. ... Net 1.19

Depend on Lafayette For Complete Stocks, Lowest Prices, Fastest Service

# Auto Antennas — Accessories — Vibrators



(1) CONTINENTAL SINGLE SIDE MOUNT Continental single side mount. For trucks Volkswagens and other foreign cars, Flexible adjustment with unique vertical locking. 3 section, Extends to 55" from 20". 32" lead cable

11 R 88010 Shog. wt., 3/4 lb.... Net 2.89

(2) "FLEX-O-MATIC" UNIVERSAL ANTENNA Heavy-duty, bounce-back, spring mount, Fully adjustable—mounts anywhere, 3 sections. 11 R 74077 Shpg. wt., 9 oz. .... Net 3,48

(3) UNIVERSAL MOUNT AERIAL

Can be mounted anywhere on car. Adjusts to any angle, 3 section, measures 20" collaps-ed, extends to 59". Complete with 48" lead. 11 R 74119 Shpg. wt., 1 lb. .... Net 2.39

(4) DISAPPEARING ANTENNA

For concealed installation. Extends to 52" from 6½". Fully collapsible—only mounting protrudes. 54" lead. 11 R 74028 Shop, wt., 1 lb. ... Net 3.49

(5) LO-BOY DISAPPEARING ANTENNA

For shallow installations, foreign and sports cars. Takes ony 942" below fender or deck. Extends to 25" collapses to 134". 48" permanent lead. Shog. wt., 1 lb. 11 R 74036 Nat 2 29



#### REPLACEMENT AND EXTENSION LEADS

54" Universal replacement lead. Shpg. wt., 5'0Z. 11 R 74085 Nat 1.19 Universal extension lead, 11 R 74093 Net .89 36" Universal extension lead, Net 1.09 11 R 74101

#### ADAPTERS/JACKS/PLUGS/CONNECTORS



(A) Adapter converts Motorola to Delco fitting 11 R 66016 Net .19 11 R 66024—(B) Motorola jack Net .29 (B) Motorola jack Net .29 11 R 66032-(C) Motorola plug Net .19



#### UNIVERSAL 6 & 12 **VOLT VIBRATORS**

Direct replacements for most popularly-used types.

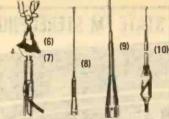
al di 6-VOLT 4-PRONG Replacement for MALLORY 294, 859, 901M, 1601, Radiart 5300, 5301 and many others. 32 R 56013 Shpg. wt., 4 oz. .... Net 2.95

12-VOLT 3-PRONG Replacement for Buick, Olds, Pontiac and GM part no. 122-0155; Mallory G874, CD 6330, Delco 8550; and Vokar 3129

32 R 56021 Shpg. wt., 4 oz. .... Net 2.95

12-VOLT 4-PRONG
Replacement for Mallory G859. Motorola 45822000, Philice and Mepar 83-0025-1. ATR 1840, Vokar 4124; and most later 12-volt carradio vibrators.

32 R 56039 Shpg. wt., 4 oz. ... Net 2.95



(6) DISAPPEARING KEY-TENNA

Slides completely into mounting base. Locks with key rendering the antenna theft proof. 16½" below fender, ext. 43". With 48" leads; 2 keys. Shpg. wt., 1 lb. Net 2.98

(7) DISAPPEARING FM-KEY-TENNA 3-section disappearing safety-lek antenna. Extends to 31" for top FM performance, Complete with 48" leads, 2 keys, Shog, wt. 1 lb. 11 R 74127 Net 3.3" (8) "SPRING BACK REPLACEMENT STAFF

One piece, stainless steel, spring mounted replacement staff, 27½" long overall. Mounts over stub of old antenna. Fits all cars. Simple set screw installation. Shop, wt. 9 oz. Not 1 19

(9) REPLACEMENT ANTENNA STAFF 3 section 57" replacement staff, Telescoping

staff replaces antenna lost through accident or vandalism. Mounts on stub of broken an-tenna. Simple lock on mount, Shpg. wt., 9 oz. 11 R 74051

(10) TOP MOUNT FOR VOLKSWAGEN CARS For 1967 Models and Up. Three section top-mount antenna extends to 38" collapses to 15". Fits the prepunched hole which Volkswagen has incorporated into its cars. Chrome plated. Complete with 42" cable, Shpg. wt.,

11 R 74135

Net 2-89

#### DYNAMIC AUTO TENNA BOOSTER

 For New Transistor **Auto Radios** 

 Increases Radio Range and Reception

 Electronically Equivalent to 110-ft. Antenna

Increase the signal strength and range of your auto radio with the new Dynamic Auto Antenna Booster.
Brings in distant and weak stations ... stops station-fade. Installs easily in 4 simple steps. Fits all except 4 sect. Antennas. Shpg. wt., 1/2 ib. Net 2.89 11 R 89026



KITS

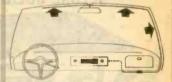
For all 6 and 8-cylinder cars suppresses wide band pulse noise created by the distributor, spark plugs and generator "hash". Includes spark plug suppressors, generator and light or ammeter by-pass capacitors. Complete with easy installation instructions.

Shpg. wt., 6 oz. 11 R 71057 for 6-cylinder cars Net 2.79 11 R 71065 for 8-cylinder cars Net 3.19



#### CAR STEREO **NOISE ELIMINATOR**

Effectively kills the interference of noise caused by ignition system or alternator in some cars. Consists of choke and capacitor and Instruction for hook up. Shpg. wt., 6 oz. INSIDE WINDOW **AUTO ANTENNA** 



For AM-FM Reception

Eliminates Theft-Breakage

95



Now you can have the latest type of AM/FM auto window antenna similar to Detroit's 1971 models. The antenna fits all cars, and can be installed in minutes. The antenna wire is laminated between 2 plies of crystal clear self-adhering tape. Complete with easy to follow instructions, and a fender replace-ment cap to cover the hole of your old antenna mount to preserve you car's appearance. Shpg. wt., 6 oz. Nat 2 95

> POWER HOUSE **AUTO ANTENNA**

· Built-in 50 Booster

New! 3-section universal mount (for all cars) auto antenna de-signed to increase the range and signed to increase the range and signal strength of your auto radio. Built-in booster coll lets you tune twice as many stations. TWICE AS STRONG! Stainless steel mount withstands severe shock, eliminates constant replacement of broken antenna staffs. Swivel base permits mounting at any surface angle. Comes with 48" lead cable, Wt.,

"TENNAMATIC" ELECTRIC **AUTO ANTENNA** 

Net 4.50

11 R 71073

Electrically Raises and Lowers Automatically Eliminates Vandalism

As Low As

Operate the antenna at the filp of a switch. Designed to fit most 12 volt cars. Mast extends to 35" and retracts to 11/4". Antenna cable is copper shielded. External parts are plated with chrome. Positive 15 lbs. thrust insures "free action" even in sub zero temperatures. Complete with cable, clips, brackets, switch and plate, screws, wiring harness and instructions. Shog. wt. 64/ lbs. REAR MOUNT: 18 Operate the antenna at the flip wt., 6¾ lbs. REAR MOUNT: 18 feet of antenna lead and 20 feet electric harness, 11 R 71024

FRONT MOUNT ANTENNA 54" of antenna lead and 72" electric harness.

Net 21.95 Net 19.95

Depend on Lafayette For Everything in Electronics

# **Quality Solid-State Radios For The Car**

#### DELUXE SOLID STATE FM STEREOPHONIC CAR RADIO



The Ultimate in FM Car Radio Entertainment

Less Speakers

Enjoy rich, vibrant FM sterephonic programming in your car with this magnificent performing FM stereo radio. Simple to install under the dash with adjustable brackets—only 2 screws are required to mount the radio. Features powerful HI-Fi audio circuit for true stereo sound reproduction on both channels. Stereo Indicator Lamp Illuminates when station is receiving stereophonic sound. Dual channel tone and volume controls, Balance control permits adjustment of channel separation for perfect sound balance. Illuminated slide rule dial. Specifications: 23 Transistors. 11 Diodes, Output 7 watts per channel, Sensitivity: 5 µv. For 12V negative ground systems. Size: 9"W x 1½"H x 6½"D. Shpg. wt., 4 lbs. Imported.
17 R 74551 No Money Down\*

Net 69.95
Set of 2 rear deck 3 x 5" speaker systems, Imported. Wt., 3 lbs. 99 R 62994

PUSHBUTTON CAR RADIO

#### SOLID-STATE PUSHBUTTON AM/FM CAR RADIO



- Includes Free Antenna
- Large 5 x 7" External Speaker
- For 12 Volt Neg./Positive Ground

All solid state circuitry. 11 transistors, 8 diodes, 2 thermistors. Push-pull Hi-Fi output. AFC for FM drift free performance. High sensitivity for long distance reception on both AM and FM. Four I.F. stages on F.M. for maximum noise limiting. Large 5 x 7" external speaker. Radio mounts neatly under dash. Overall size: 61/2W x 23/6H x 65/6"D. Imported. Shpg. wt., 7 lbs. Net 54.95 UNIVERSAL AM/FM/FM STEREO



- 8 Tuned FM Circuits
- · 6-Watt Output Per Channel

Less Speakers

Powerful Solid-State AM/FM/FM Stereo Radio features, integrated circuitry, 3 I.C.'s coupling 30 silicon transistors, 2 "Field-Effect" transistors, and 18 diodes to produce more than 6-watts per channel of stable, drift-free output, 5 tuned AM circuits, 8 tuned FM circuits, automatic frequency control, AFC On-Off switch, Stereo-Mono switch, Stereo indicator tight. Reversible inset panel resulting in 3-way diecast face plate. Flexible antenna lead connector. 12 volt negative or positive ground operation. Size: 6½" wide, 6½" deep, 2" high. Shgs. wt., 8 lbs. Imported.
17 R 80055W No Money Down\*
Set of 2 Rear Deck 3" x 5" Speaker Systems. Imported.
198 R 62994 Shpg wt., 3 lbs.
Net 6.95

Net 6.95 99 R 62994 Shpg. wt., 3 lbs.

#### MANUAL AM CAR RADIO



■ Built-in Speaker

Removable Face Plate ■ Tone Control Switch

For 12 Volt Negative Ground Systems

Universal Solid State AM radio that is easy to install under the dash. Offers fine sound reproduction. Features built-in speaker and tone control silde switch, 7 transistors, 2 diodes, RF stage, AVC, Removable face plate. For 12 volt negative ground system. Size: 2x44xx642" Imported. Shpg. wt., 234 |bis. 17 R 74256

#### **DELUXE PUSHBUTTON** AM CAR RADIO



■ 6 Watt Push/Pull Output

■ Large 5" by 7" **External Speaker** 

For 12 Volt Neg. / Pos **Ground Systems** 

Attractively styled under-dash solid state AM push-button car radio with reversible face plate—black on one side, walnut on the other. 6-walt push-pull output with AGC. External 5 x 7" speaker. Size; 6½W x 4¾D x 2"H. Shpg. wt. 5 lbs. Imported. 17 R 80048 No Money Down\* Net 32.95

#### RANGER SOLID-STATE FM CAR RADIO CONVERTER



**Converts Your Existing** 12 Volt Negative Ground AM Radio to the FM Band



Complete auto radio entertainment at a minimum cost. All solid state circuit (6 translstors, 8 diodes) gives instant operation. Built in AFC permits drift-free reception of distant FM stations, AM/FM switch allows instant selection of AM or FM stations. Simplified installation. Sensitivity: 4 µV. Size: 1% x 4 x 9", Imported, Shpg. wt., 31/4 lbs. 17 R 74207 No Money Down\* Net 39.95

# Custom Deluxe Solid-State Radios For Volkswagen Cars

PUSHBUTTON AM CAR RADIO

DELUXE PUSHBUTTON FM-AM CAR RADIO



- For All Standard Models from 1958-1971
- Will also custom fit "Super Beetle"
   Complete with 5" Diameter External

Speaker and All Mounting Hardware Just a snap to Install, All transistor circultry provides 3-watts of

Just a snap to Install, All transistor circultry provides 3-watts of audio power. AVC provides constant, even comfort-level listening. Continuously variable tone control. Five quick-set pushbuttons. Seven tuned circults including RF stage, give maximum sensitivity. For 6/12 volts D.C., negative ground. Imported. Shgg. wt., 6 lbs. 17 R 26447 No Money Down\* Net 34.95 Manual solid-state AM car radio for 1958-71 Volkswagen Cars. Same as above but manual tuning. Shgg. wt., 5 lbs.

17 R 74264 Net 27.95

- For 1967 Thru 1971 1300 Series Models
- Will Also Custom Fit Super Beetle ■ 6-Inch External Speaker
- 11-Transistors, 2-Diodes
- Snap-in Front Mount for Easy Installation

Deluxe solid-state custom AM-FM radio for all standard Volkswagen 1967-1971 models, Will also custom fit the new Super Beetle, All solid-state circultry, 11-transistors, 2-diodes, AFC on FM for drift-free performance, Push-put output, High sensitivity for long distance reception on both AM & FM. 4-IF stages on FM. Continuous variable tone control, Snap-in front mount, Large 6" external speaker. Imported, Shgz. wt., 6 lbs.

17 R 74405 For 1967-1971 Volkswagens

# **Custom Deluxe Solid-State Radios For Toyota Cars**

#### **PUSHBUTTON AM RADIO** FOR TOYOTA CORONA AND COROLLA



No Money Down\* • Fits All Cars From 1967 Thru 1971 Models

Fine performing custom radio. All silicon solid-state circuitry. External 5x7" speaker for line sound reproduction. Tone Control, Pushpull output with AGC. For 12-volt negative ground systems, Shpg. vt., 5 lbs. imported.

17 R 80030 Net 34.95

Pushbutton AM Radio for Toyota Mark II. Same specs and features as above but specifically designed for custom installation in Toyota Corona Mark II cars, (1967 thru 1971). Shg. mky, 5 lbs. Imported.

17 R 80014

PUSHBUTTON AM/FM RADIO FOR TOYOTA CORONA AND COROLLA



No Money Down\*

AFC For Drift Free FM Performance

Fits All Cars From 1967 To 1971

All silicon solid state circuitry with 8-watt output, Features: built-in AFC to prevent drift on FM and AGC. Colored dial lights for AM and FM. External 5x7" speaker, For 12 volt negative ground systems imported. Shpg. wt., 6 ibs.

17 R 80006

Pushbutton AM/FM Radie, for Toyota Mark II
Same specs and features as above, but specifically designed for
custom installation in Toyota Corona Mark II cars (1967 thru 1971).
Imported, Shpg. wt., 6 lbs.

# **NEW TENNA "Mini" IC Solid-State Car Radios**



See Page 263 for Lafayette's Complete listing of Car Speakers

#### FM STEREO CAR RADIO

Enjoy FM stereo broadcasts in your car. Features FM stereo Indicator Light, balance Features FM stereo Indicator Light, balance silde control, tone control, mono/stereo switch, and powerful solid state (C circuitry—4 (C's, 5 transistors, and 8 diodes. Peak Audio Power 4-watts per channel. Measures only 2%" IN x4/6"W x 6%" 0. With mounting bracket and hardware, Less speakers, Imported, Shipg, Wt., 2½ [bs. 17 R 74652 No Money Down® Net 79.95

#### AM CAR RADIO

Measures on 1½" x 4½" x 5¾"—high styled chrome and black finish. For 12 volt negative ground systems, Powerful Solid State integrated circuitry. Power output: 3 watts music power at 8-ohms. 5 Transistors, 1 IC, Less speaker. With mounting bracket and hardware, Imported. 17 R 74660 Shpg. wt., ½ Ib. Net 29.95

# Car Reverb Units and FM Converters

LAFAYETTE SOLID-STATE CAR REVERBERATION AMPLIFIER



Recreates Concert Hall Listening In Your Car

 Can Be Used With Any 12-Volt Negative Ground Car Radio-AM or FM

NOW—listen to the most dramatic sound of music you have ever heard in a car with the Lafayette solid state Automobile Reverberation amplifier. When used with your present 12-volt negative ground AM or FM car radio, the Lafayette Reverb amplifier creates a second set of reflected sound waves reproduced through a rear seat speaker (not Included). These reflected sound waves provide this excling new dimension in sound reproduction. Features a pushpull Fader/Balance control. Balances regular car, radio speaker and reverb speaker. Also controls amount of reverberation—from 0 to maximum. Separate isolation transformer for ultimate matching conditions. For underdash mounting. Dim.: 742"Dx342"Wx134"H. Includes mounting bracket. Imported. Shpg. wt., 21/4 lbs.

See Page 263 For Rear Seat Speakers

DELUXE SOLID-STATE CAR REVERBERATION SOUND SYSTEM



• Tuneable . . . Electronic Tuning Control. "Custom Fits" the Sound to your Car, to your Ear

 For 12 Volt Negative Ground AM and FM Auto Radios-Convenient Under Dash Mounting

Deluxe solid state tuneable reverberation unit converts your present car radio into a magnificent sound system offering concert hall realism. Beautifully styled to enhance the decor of your car. Consists of the tuneable amplifier control unit which easily mounts under the dash panel of your car by means of adjustable brackets. 6 x 9" dynamic speaker and chrome grill for rear seat mounting, and all connecting cables, includes simple instructions for connecting the reverb necting cables, includes simple instructions for connecting the reverb unit to your regular car radio system and for separate rear seat speaker, "REVERBERATION," tones are created thru the rear speaker thus providing a truly 3 dimensional sound system in your car. Simplified controls permit balance of sound between front and rear seat speaker. Verb-A-Tone control adjusts the amount of reverbera-tion to your tasts. Specifications for 12 volt negative ground cars, peak audio output—4 watts, 2 transistors. Size: 17%"x4"x9" Shpg. wt., 43/4 lbs. Net 19.95 17 R 01093

HITACHI KMT-880 SOLID-STATE FM CONVERTER FOR AM CAR RADIOS



Complete with all mounting hardware.

Convert your present AM Car Radio to an AM/FM radio. Operates on 12 volt negative ground systems. Advanced solid-state circultry consists of 7 transistors, 1 varistor, and 1 Zener Diode, Tuning Range: 88-108 MHz, Features: AFC for drift free FM reception, nange: 80-240 mrz. reamies: APC for drift free PM reception, dial light and adjustable brackets for easy installation under the dash, Precision slide rule tuning dial with logging scale. With all mounting hardware, Size: 436"x136"x436". Imported. Shpg. wt., 3 lbs. 17 R 24269

Net 24.95

See Page 263 for Big Selection of Car Speakers

SOLID-STATE FM STEREO CONVERTER FOR AM CAR RADIOS



Down\*

Includes: Mounting Bracket for Under Dash Installation, Fastener for Top of Dash or Console Installation, Antenna and Patch Cord.

Converts your AM Car Radio to an AM/FM Stereo Radio. Automatic stereo switching for the utmost in enjoyment. FM stereo light liluminates when stereo broadcast is being received. Tone and Volume Control to blend stereo broadcasting to perfection. Underdash mounting. Tuning Range 88-108 MHz. Local/distance switch for optimum reception. All solid-state circultry includes 12 transistors and 15 diodes. Speaker Impedance—4 or 8 ohms. Stereo separation 3 db. For 12-volt negative ground sytems. (does not include speakers). Size: 2½Hx4½Dx5½W. Imported. Shpg. wf 3 lbs. wt., 3 lbs

17 R 41016 FM Converter For AM Car Radios—Similar to above, but only converts your AM car radio to tune standard FM Broadcasts. For 12 volt neg. ground systems. Size: 1¾Hx4½Dx5½W. Imported. Net 29.95 17 R 41008

# Solid-State Car/Portable Radios

New Sharp FX200A FM-AM Car/Portable Radio



. Install In Any 6 or 12 Volt Car or Boat System

Use As A Portable, or On 117VAC 60 Hz. With Built-in AC Line Cord

Multi-purpose AM/FM solid-state radio designed to provide outstand-Multi-purpose AM/FM solid-state radio designed to provide outstanding reception anywhere. Used as an AM/FM car radio, it locks into
its specially designed under-the-dash bracket and operates thru the
car's electrical system (6 or 12 volts mos./neg, ground). Slips easily
out of bracket for use outdoors—and plays on 4 "C" Batterles (included). For indoor use, it operates on regular 117VAC household
current with the AC line cord provided. Illuminated slide rule tuning,
variable tone control, earphone/external speaker jack. AFC for drift variable tone control, earphone/external speaker Jack. AFC for drift free FM reception. Ferrite bar AM antenna, telescoping FM antenna. Wide range 4x234" oval speaker. Imported. U.L. listed. Dimensions: 9½"Wx576/Hx234"D. Shog. Wt., 5 lbs.

Net 39.95
99 R 62572 Extra "C" cells (4 required)
Net ea. .16

#### New Sharp FY300PA 3-Band AM/FM/FM VHF Car/Portable Police Radio



Complete with Car Bracket, Lock and Key, Batteries, AC Line Cord, Earphone

FM-VHF 148-176 MHz, High Band Police and 162.55 MHz. U.S. Weather Bureau Forecasts AM 550-1600 kHz FM 88-108 MHz

Delute, multi-purpose 3-way solid state radio specially designed for use in car, as a portable, or in the home. Features dramatic FM-VHF High Band (148-176 MHz) reception of police, fire, civil defense, and U.S. Weather Bureau forecasts. Also tunes the standard AM and FM broadcast bands. As a car radio, it locks into its specially designed, under-the-dash bracket (supplied) and operates thru the car's 6 or 12-volt electrical system. Outdoors it plays on 4 "C" designed, under-the-dash bracket (supplied) and operates thru the car's 6 or 12-volt electrical system. Outdoors it plays on 4 "C" size flashlight cells. Indoors it plays on 117 VAC with an AC line cord (supplied). Features: dynamic oval speaker and 1-watt output for excellent sound quality; precision vernier slide-rule illuminated tuning dial, variable tone control; earphone lack an earphone for personal listening; telescoping FM and FM-VMF antenna; ferrite core AM antenna. Dimensions: 91/s "Wx576/Hx236"D. U.L. listed. Imported. Shpg. wt., 5 lbs.

17 R 53193 No Money Down\* 99 R 62572 Extra "C" cells, 4 Required

#### Deluxe Nordmende 15-Band Globetraveler III AM/FM/SW Radio

Only



For Use As A Portable. Home Radio, Auto Radio, Boat Radio

#### 15 Exciting Bands:

AM Broadcast FM Band MB Marine 540-1600 kHz 88-108 MHz 1.5-3.5 MHz 145-420 kHz 3.61 to 3.84 MHz 4.60 to 4.89 MHz 4.84 to 5.13 MHz 5.90 to 6.26 MHz 6.96 to 7.40 MHz 9.35 to 9.90 MHz 11.50 to 12.16 MHz 13.80 to 14.50 MHz 17.38 to 18.35 MHz 20.95 to 22.10 MHz 540-1600 kHz LW Weather 80 meter band 61 meter band meter band 49 meter band 41 meter band meter band 25 meter band 20 meter band meter band 16 meter band 20.95 to 22.10 MHz 13 meter band

The entire world of radio listening pleasure and excitement is at your finger tips. Includes standard AM broadcast band, FM, Marine Band, LW Weather-Navigation Band and II shortwave bands. Outstanding features: Built in AC with compartment for AC cord, Drum dial for all II spread shortwave bands, and I.F. Bandwidth switch. 2-Speakers: 5x7" woofer, 242" tweeter. Separate Jacks for earphone, external speaker, phonograph, tape recorder, and separate amplifier. A built-in ferrite antenna for AM, at telescopic antenna for FM, and an additional telescopic antenna for SW increases its sensitivity and selectivity. Also includes tuning meter and battery tester, AFC on FM, noise filter on AM and SW. Separate bass and treble control. 15 transistors and 12 clodes. Wood cabinet covered with scuff-proof black vinyl. 12½/wwx8/shx4"D. Imported. Shpg. wt., 11 lbs.

17 R 72177W No Money Down\* Globetraveler IV 16 Band AM/FM/SW/FM-VNF Police Radio. Same features and specifica-tions as Globetraveler III, except cannot be used as a car or boat radio. Operates only on 5 "D" batteries, or 117 VAC with built-in AC line cord. Includes 147-174 MHz FM-VNF band enabling you to listen to police and fire calls. 17 R 72185W No Money Down\* Shpg. wt., 11 lbs. Net 189.95

Accessories for Globetraveler Radios
Universal 6 or 12 volt car boat mounting Bracket with lock, 4 lbs. 17 R 72094W / 99 R 62564 "D" type Flashlight Batteries. 5 required

Net 22.95

149

# Panasonic, Sony, and Sharp Solid-State Portable Radios

Panasonic RF-561 FM/AM Battery/AC Portable Radio



With Batteries, AC Power Cord, and Earphones

FM/AM personal portable radio with 117 VAC or battery operation. Features solids state integrated Circuitry for high reliability. Built-in FM whip and AM ferrite core antennas, 3" dynamic speaker. Vertical silde-rule tuning dial, and AFC on FM. Continuous tone control. Band selector, Silde down metal handle. Earphone/external speaker jack. In black cabinet with chrome trim. Complete with "AA" batterles, AC power cord, earphone, and gift box. Size: 6%, http3-4/wx21-½2". D. Imported. Shop. wt., 3½ lbs.
17 R 31124L Net 29.95
Extra "AA" batter (4 req.)
99 R 62580 Net ea. 10 FM/AM personal portable radio with 117

Panasonic RF511 FM/AM Pocket Portable



With Batteries, carrying strap, and earphone

Pocket-Size FM/AM Portable Radio operates on inexpensive 9V battery. Built-in FM whip and AM ferrite core antennas. 21/4" dynamic speaker. Easy-see vernier external speaker, leaving tuning. Band selector switch. Earphone/external speaker jack. Solid-state circuitry. Complete with 9V battery, earphone, carrying strap and gift box. Size: 41½, Hz. 3-5/36Wx11½, D. Shpg. wt. 1 lb. Imported.

17 R 31132L Extra 9v. battery 99 R 60212 Net 17.88 Net ea.

Deluxe Panasonic RF-930 Battery/Electric AM/FM Portable

Gift-boxed With Earphone and Batteries No Money Down

Handsome midnight black padded leatherette cabinet, Operates on 4 "AA" batteries or regular house current. The sensitive FM and AM antennas assure excellent reception from stations far and near. Sliderule tuning.

AFC on FM locks in signal for crystal clear, drift-free reception. The 4" PM dynamic speaker reproduces brilliant sound. The earphone jack lets you enjoy your own private listening. Size: 834 x 5%x3". Shpg. wt., 41/4 lbs. Imported. 17 R 31967L Extra "AA" batteries, 4 req.

99 R 62580 Shop, wt., 4 oz. Net ea., 10



controls for bass and treble Large 4" Speaker

Sharp FY302W FM/AM Portable Radio with Pushbutton Weather Band

with earphone and battery

Compact, lightweight FM/AM Portable with Compact, lightweight FM/AM Portable with Solid-State integrated circuitry. Pushbutton Weather Band on 162.55 MMz. Features: Precision slide-rule tuning, rotary handle for carrying case, instant band selection with FM/AM push-button. Automatic Gain Control and Automatic Frequency Control assure stable and reliable drift-free performance. Operates on 4 "AA" batteries of AC. Size: 836Wx51½Hx242"D. Imported. Shpg. wt.,

17 R 53201L No Money Down\* Net 34.95 Extra "AA" batteries, 4 req. 99 R 62580

Battery or AC Operation

 Pushbutton Weather Band Set on 162.55 MHz

 AFC on FM Produces Sensitive and Drift-Free Performance

Deluxe Sony TFM-1600W 7 Band AM/FM/SW Portable Radio

95 With Earphone and Batteries No Money Down\*

Deluxe 6-band portable radio pulls in world-Deluxe 6-band portable radio pulls in world-wide programs on 4 Short Wave Bands. Also receives standard FM and AM broadcasts with sharp, velvety sound. Impressive 1.7W power output through a big 4 n 6" oval speaker. Tuned RF amplification for FM and AM increases selectivity and sensitivity. Fly-wheel tuning for smooth and accurate sta-tion selection. Features: AFC switch, Local/ tion selection, Features: AFC switch, Local/
Distant switch, continuous tone control and
tuning meter, high power antenna system
and dial light. Operates on 4 "D" batteries
(Included) or AC house current (AC cord
built-in). Antenna system, FM/SW telescope
antenna, AM built-in ferrite bar antenna, external antenna terminal. Dark grey and
chrome cabinet. Size: 11½ x83¼ x3¾."D.
Shgg, wt., 8 lbs. Imported.

Net 2015.

17 R 32924L Extra "b" batteries, Shpg. wt., 5 oz. Net



FREQUENCY RANGE:

FM 87.5-108 MHz SW2 3.5-7 MHz AM 530-1,605 kHz SW3 7-14 MHz SW1 1.6-3.5 MHz SW4 14-26.1 MHz

\*See Page 22 for Full Credit Details on Easy Pay Plan

# Portable Black and White VHF-UHF Solid-State TV Sets

Sharp TM - 85P AC-Operated

Hitachi TWU-68 AC-Operated

Sony TV-740 Battery/AC





- 9" Picture Measured Diagonally
- 82 Channel UHF/VHF Reception

Styled in a modern mood, off-white and ebony with accents of silver, Transistorized circuitry. 44 square inch, 90° deflection aluminized picture tube. Front-mounted 3° speaker for fine sound. Front-mounted controls for greater convenience. Separate UHF and VHF tuning knobs. With "Spilt-Second-Start" for instant picture. Instant sound. Telescopic VHF and loop UHF antennas. Earphone and jack for personal listening. Size: 93% x 134% x 93%"D. For 117 VAC. 60 Hz. Imported. Shpg. wt., 16½ lbs.
17 R 53169WX No Money Down\* Net 69.95

- 12" Picture Measured Diagonally
- 82 Channel UHF/VHF Reception

Outstanding performance from this hand-some solid-state portable TV. 75 sq. in. plc-ture (12 inches measured diagonality). 100% transistorized. Instant picture and sound. Extremely stable image obtainable every time due to Set-and-Forget memory finetuning. Automatic Gain Control and noise diminutor circuits. With VHF monopole and UHF loop antennas. Operates on 117 VAC, 60

Hz. Size: 16% x 111% x 111% 0. imported. Shog wt., 16 lbs.

17 R 24277WX No Money Down\* Net 79,95

- 7" Picture Measured Diagonally
- 82 Channel UHF/VHF Reception

Streamlined styling with chrome accents. Operates on 117V. 60 Hz AC; optional rechargeable 12-volt battery, or, 12VDC car/boat battery, Keyed ACC system for sensitive reception. Black screen for better picture both indoors and outdoors. Built-in VHF telescoping antenna and front mounted 3¼" speaker. With earphone, UHF loop antenna. Size: 9½ x 8½ x 10½". For 117 VAC, 60 Hz. Imported. Shpg. wt., 9 lbs.

17 R 33005WX No Money Down" .. Net 109.95

Sony TV-940 Battery/AC

Sony TV-112 Battery/AC

Panasonic TR-425 Battery/AC



- 8" Picture Measured Diagonally
- Channel Coverage VHF 2-13, UHF 14-83 Channel Coverage VHF 2-13, UHF 14-83

Features 8" non-glare picture tube measured diagonally. 25-transistors plus 15 dlodes and 1 rectifier assures sensitive reception even in fringe areas. Operates on optional rechargeable 12-voit battery, 12VDC car/boat battery, or 117 VAC, 60 Hz. Built-in VHF telescoping antenna, front mounted controls, and front mounted 4x 234" speaker, Compact lightweight cabinet. Black with chrome trim. Size: 10½ x 9½ x 10½ x, imported. Shpz. wt., 12 lbs

• 11" Picture Measured Diagonally

• Channel Coverage VHF 2-13, UHF 14-83 Big 11" screen measured diagonally. Snap-in non-glare filter provides clear, vivid reception in any light. Super sensitive sold-state circuitry. Built-in VHF adjustable telescoping antenna. Front mounted oval 3 1/7 x 434" speaker, 23 transistors, 1 IC, 15 dodes, and 1 rectifier. Keyed AGC and AFC systems. Front mounted illuminated tuning knobs makes channel changing easy and accurate. Contemporary styling in black with silver trim. Size: 11% x 11¼ x 11¼ x 11½ 0. Imported. For 117 VAG. 60 Hz. Shog, wt. 17 lbs. 17 R 33021WX No Money Down\* Net 129,95, 920U, 940, 110V and 112 IYY.

17 R 33013WX No Money Down\* Net 119.95

- ACCESSORIES for SONY 720U, 740, 920U, 940, 110V and 112 TV's -Model BP/7 564. Shoulder rechargeable battery pack 17 R 32296 Shpg. wt., 7¾ lbs. Net 22.95 Model OCC-2AW, Car battery cord, For 12V/neg, ground systems. 17 R 32304 Shpg. wt., 144 lbs. Net 14.95 17 R 32601 Model VCA-14 Car window antenna. Wt., 244 lbs. Net 22.95

See Page 22 for Full Credit Details on Easy Pay Plan

#### POP-UP TV with AM/FM RADIO

- 5" Picture Measured Diagonally
- Built-in Rechargeable Batteries
- 82 Channel UHF/VHF Reception

"The solid-state TV that lives in a radio."
With the screen down, the set turns "off" automatically and you have a smart attachestyled FM/AM radio. Pop-up the screen and it becomes a TV. Plays on Panalloid rechargeable balteries (included), with the AC adapter (included) you can recharge the hatfacles while the set operates. Telescopie chargeable batteries (included). With the AC adapter (included) you can recharge the batteries while the set operates. Telescopic monopole/bowtle antennas. Front-mounted dynamic speaker. Slide rule UHF and radio tuning. With sen shleld and an earphone for private listening. Size 5½ x 11 x 12". Imported. Shop, wt. 18 ib., x 17 R 31892WX No Money Down\* Net 159.95

# Deluxe TV Sets - Color and Black & White

# NEW Single Gun Color TV Sets **Sony Trinitron**



Model KV 1201—12" picture measured diagonally. Features: Sony Single Gun Trinitron Color System for magnificent true to life color, automatic color control, lighted channel indicators, instant picture and sound. Charcoal grey cabinet with chrome trim. Convenient carrying handle. With VHF dipole antenna and UHF loop antenna. Size: 13½ x 17½ x 15½". For 117VAC, 60 Hz. Imported. Shpg. wt., 32 lb.s.
17 R 32973WX No Money Down\*

· All Solid-State Circuitry

Model KV 1710—Same features as above but with 17" Picture measured diagonally and automatic fine tuning. Size: 1314" x 1816", x 1516". Shpg. wt., 35 lbs. Imported. t7 R 33039WX No Money Down\*

Net 399.95

Panasonic Portable Color TV Sets



NEW MODEL CT 603 16" Picture Measured Diagonally

MODEL CT 97P 18" Picture Measured Diagonally

35995

• Channel Reception: VHF 2-13, UHF 14-83

Model CT 603—16" pleture measured diagonally. Transistorized circuitry includes 3 IC's. Features illuminated AFT (Automatic Fine Tuning) Control, automatic degaussing, Setand-Forget tuning, side lever controls for volume, color, and tint. VHF dipole and UHF bow-tie antennas. Diecast handle. Rosewood grained cabinet. With earphone. Size: 17/4 x 23 x 20/4". For 117VAC, 60 Hz. Imported, Shpg wt., 63 lbs. 17 R 31983WX No Money Down". Net 324.95

NEW Hitachi SU-86 B & W Solid-State TV Set Panasonic AN-112T B & W

NEW Sharp CY-61PA



TV with Digital Clock





- 16" Picture Measured Diagonally
- VHF 2-13, UHF 14-83
- Memory Tuning
- Instant-on Picture and Sound

in, viewable picture, All-transistorized chassis, Exceptionally clear picture is attained by adopting Set-and-Forget memory fine-tuning. Also features Automatic Gain fine-tuning. Also features Automatic Gain Control, noise eliminator, and power regulator circuits. Instant picture and sound. Compact, lightweight, and easily portable with retractable carrying handle. VHF monopole and UHF loop antennas. Imported. Size: 21½ x 14½, x 14½, x 14½, For 117 VAC. 60 Hz. Shpr. wt. 31 lbs. 17 R 2425bWX No Money Down\* Net 109.95

- 12" Picture Measured Diagonally
- Earphone for Private Viewing
- VHF 2-13, UHF 14-83

An exciting portable TV—with full feature digital clock, sleep timer, alarm and sildelever controls. Set TV to turn off automatically, pre-set it to wake you up to TV or alarm in time to view your favorite show. Monopole VHF and bowtle UHF antennas pull in signals strongly and clearly. Up-front dynamic, speaker. The clock face lights up for easy nightlime viewing. The sleep timer shuts the set off automatically after up to 3 hours of viewing. Complete with personal earphone. For 117 VAC 60 Ptz. Size: 11%" x 18¼" x 11½", imported, Shgg, wt. 23¼ lbs. 17 R 31918WX No Money Down. Net 119.95

- 15" Picture Measured Diagonally
- · Channel Coverage: VHF 2-13, UHF 14-83

Intimate enough for personal pleasure large enough for the family to watch a spectacular, Walnut-grain cabinet with ebony and brushed chrome trim. The screen is a full 15" of rich, true color. AGC for excellent reception even in fringe areas, AFC pushbutton control fine-tuned, locked-in pictures. "Split-Second Start"-instant picture, instant sound. Front mounted speaker for full-fidelity sound. Includes dipole telescopic VHF and loop UHF antennas. UL Isted. Imported. Size: 21 x 154x x 144%". For 117VAC, 60 Hz. 17 R 53219WX No Money Down\* Net 269.95 intimate enough for personal pleasure

#### Panasonic RC-6551 Digi-Dater FM/AM Digital Clock Radio

A



Unique Clock Radio Has a Built-in Day and Date Calendar

Panasonic RC-6900 FM/AM Clock Radio Announces the Time!

- · Announces Time Whenever You Depress a Button
- . May Be Set To Announce Time Every Hour On The Hour



## Sony 8F11W Hi-Rise FM/AM Table Radio



Handsome Radio Set On a Sculptured White Pedestal

# **NEW Ultra-Modern** Quality Radios

SOLID-STATE

#### Panasonic RF-60 Solid State FM Stereo Headset

With Batteries

Your Own Private Portable FM Music Chamber



#### Panasonic RE-6231 FM/AM Table Radio With One-Way Intercom

Can Serve As An Excellent Babysitter When Used With An Optional Mike

A PAMASONIC RC-6551 FM DIGITAL DIGI-DATER CLOCK RABIO. Big bold numbers that tell you the time and big bright letters and numbers that tell you the day of the week and the exact date. 24-hour full feature digital clock, 60-minute sleep timer with automatic shut-off, Music or gentie alarm wake-up, Auto/alarm indicator light, Extra-wink "map-bar." Solid-State integrated circuitry. Built-in FM and AM antennas, AFC on FM. Illuminated radio and ciock dials, 4" dynamic speaker. Exphone/pillow speaker jack, Midnight black cabinet. Complete with personal earphone, For 117 VAC, 60 Hz. Size: 5½-Hx144%,WK-64". D. Shpg. wt., 5½ lbs. imported.

17 R 31108 No Money Down"

B SONY 8F11W AM/FM TABLE RADIO, Pushbutton AM, FM with AFC for drift free listening, Accurate tuning with a large vertical tuning dial. Powerful Solid-State circuitry for extended frequency response. Built-in AM and FM Artennas, Provision for using FM external antenna. Large 4" speaker for rich tone. Size: 101/6HX91/6W4434"D. Shog, Wt., 4 lbs. Imported.

17 R 32981

Net 29.95

PANASONIC RE-8231 FM/AM TABLE RADIO, Functions as one-way intercom that can serve as an excellent babysitter, Simply place optional microphone in room you wish to monitor, Built-in FM and AM antennas, 3" dynamic speaker, Large vernier circular funing dial. Band selector switch. Finger-tip controls for tuning and volume, Microphone jack on the rear panel. May be placed on table or night-stand; or may be hung from kitchen, den or bedroom walf. Solid-State circultry. For 117 VAC 60 Hz. Size: 7½-"Wx4½"Hx8½"D, Shpg. wt., 3 lbs. Impacted.

RD-9662 Microphone for above. Imported, 17 R 31082 Shpg. wt., 8 oz.

See Page 22 for Full Credit Details on Easy Pay Plan

#### KLH Model 21 Professional FM **Table Radio**

F

Beautifut

**Walnut Cabinet** 

Acoustic Suspension Speaker



PANASONIC RC-6900 FM/AM CLOCK RADIO. In place of the usual alarm, you can set the clock to announce the time every ten seconds for up to three minutes. Full-feature clock, 4-step on/off/auto/call function switch, Dual 60-minute sleep, timer and alarm setting control. Built-in FM and AM antennas, Illuminated slide-rule tuning, AFC on FM. Costinuous tone control. 4" dyramic speaker, Earphone/pillow speaker jack. FM external antenna terminal. In midnight black and brushed aluminum cabinet. Solid-state circuitry. Complete with personal earphone. For 117 VAC, 60 Mz. Size: 9½-"MX15½" WX7½-"D. Imported. Shgg. wt., 13 lbs.

17 R 31090WX No Money Down\*

E PANASONIC RF-60 FM HEADSET. Portable, operates on 3 "AA" batteries, included. Built-in super sensitive FM/FM Stereo Radio, Two sensitive antennas pull in both bocal and distant stations loud and clear. Tone control switch for instant selection of preferred bass or treble tones. Two 24½" full range transducers, Imported. Shpg.

17 R 31660L No Money Down\* 99 R 62500

Net 75.00 t ea. .10 Net ea.

FMLH 21. High performance monaural FM receiving system. Sealed oiled walnut cabinet combines with an outstanding built-in acoustic suspension speaker to provide truly full range sound. Stable solid state circuitry utilizes vernier tuning, built-in antenna, bass, and treble cortrols. Powers external accessory speaker and supplies signals directly to tape recorder for quality reproduction of FM broadcasts. Dim.: 12Wx636Hx634"D. For 110-120V, 60 JHz AC. Shpg.

24 R 44073WX No Money Down®

Net 89.95

Lafayette Cat. No. 720

# **Quality Table Radios for the Home or Office**

### LAFAYETTE Solid State Stereo FM/AM Walnut Wood Table Radio



Only

- FM Stereo Indicator Light
- 22 Transistors, 21 Diodes
- Separate Bass and Treble Controls
   Phono Input Jacks
- AFC For Drift-Free FM
- Tape Recorder Output Jacks
- Automatic Loudness Compensator
- · External Stereo Speaker Jacks
- Perfectly Matched 4" Wide Range High Compliance Speakers
- · Stereo Headphone Jack

Luxurious instant-on, solid state AM/FM stereo table radio with many of the deluxe features normally found only in expensive stereo hi-fidelity receivers. Its compact size, makes it ideal for use on a bookshelf or table top. Its walnut wood cabinet will enhance the decor of your home or office. Equipped with built-in AM and FM antenna systems—all you have to do is connect this radio to a standard 117 VAC outlet to immediately enjoy standard AM, FM, or full dimensional FM stereo broadcasts. A special indicator light will enable you to readily identify FM Stations broadcasting in stereo. In addition, the radio is equipped with a phono input to permit playing

of a stereo record changer (with ceramic/crystal cartridge) thru the of a stereo record changer (with ceramic/crystal cartridge) thru the radio. Stereo tape recorder outputs have been provided to let you record all stereo programs reproduced through the radio, You get magnificent tone from two matched 4" high compilance speakers. Built-in automatic loudness circuit compensates for normal loss of bass experienced at low level volume. External output jack for headphones or stereo speakers. Tuned FM RF for extremely high sensitivity and selectivity. Illuminated sliderule tuning dial. For 117 VAC, 60 Hz. Size: 20¾ x 7¼ x 6¾ "D. Imported. Shpg. wt., 14 lbs. 99 R 35073W

#### Panasonic RE6137D Solid-State FM-AM Table Radio

2495

· AFC For Drift-Free FM Performance

· 4" Full Range Speaker

Beautiful, gracefully designed FM/AM Table Radio features rich tonal Beautiful, gracefully designed FM/AM lable Radio reatures rich tohal quality from its large 4" full range dynamic speaker. its smart, functional low profile styling will be a pleasing addition to the decor of any home or apartment. Dependable and reliable solid-state semi-conductor circultry, Precision sliderule tuning. AFC for drift-free performance on FM. Built-in AM and FM antennas. Handsome high impact antique white plastic cabinet with black trim. Size: 12" x 5%,s" x 4%".

Imported. For 110-120 VAC 60 Hz. Shpg. wt., 4 lbs. 17 R 31074 Net 24.95

#### Low Profile Solid-State FM-AM Table Radio

1495

- Distinctive Low **Profile Styling**
- · Large 3" Speaker

Sleek, new look design—Only 44/2\* x 8/2\*\*L x 23/4\*\*W in size, but a glant in performance. Handsome, low profile walnut grain plastic cabinet. All transistor solid-state circuitry for instant-on play. Large 3 speaker for full, rich tone. Bullt-in AM/FM antenna system. Direct rotary tuning. AM/FM selector switch. For 117 VAC 50Hz. Imported. Shpg. wt., 2 lbs. 17 R 69439W

#### "Instant-On" AM Table Radio

- · Large 3" Dynamic Speaker
- Direct Dial Tuning

Everyone can use a smartly styled, low priced AM Table Radio. Perfect for the kitchen, basement, or children's room. Solid-state circultry provides instant-on play. Superheterodyne circuit for extremely high sensitivity. Big 3" speaker for fine tonal quality. Built-in ferrite bar antenna, lvory plastic cabinet. Size: 4½" x 8½" Fer 110 VAC 60Hz. Imported. Shpg. wt., 2 lbs. 17 R 69447W Net 8.95

\*See Page 22 for Full Credit Details on Easy Pay Plan



#### **MODEL LR-30 FEATURES:**

- Separate Slide Controls for Volume, **Balance and Tone**
- . Two 5" Wide Range Speakers in Walnut Wood Enclosures
- FM Stereo Indicator Light
- Front Panel Stereo Headphone Jack for Private Listening
- Input Jack for Record Changer
- Tape Input and Output Jacks
- AFC on FM to Prevent Station Drift
- Handsome Walnut Grain Cabinetry

# LAFAYETTE 3 PIECE SOLID STATE AM/FM/FM STEREO RADIO/RECEIVER

This handsome 3 piece modular system provides brilliant AM/FM/FM Stereo radio performance. Each rich sounding speaker system can be separated for the utmost in stereo effect. The radio section features an Illuminated slide rule dial with logging scale for precise station selection. Includes features normally found in more expensive component systems: Full complement of controls: volume, tone, and balance slide controls. AFC on FM to prevent station drift. FM stereo indicator light which identifies stations broadcasting in FM stereo. Stereo tape recorder outputs to record programs heard on the radio. External inputs for record changer or tape recorder. Built in AM and FM antennas, Provisions for external FM antenna. Each separate speaker enclosure contains a full range 5" speaker, Walnut grain cabinetry with black and sliver trim. Size: Receiver 1534W x 444H x 91/a"D. Speakers 81/4W x 91/2H x 51/2"D. For 110-120V 60Hz. Imported. Shgg. wt., 20 lbs.

Net 69.95 This handsome 3 piece modular system provides brilliant AM/FM/FM Stereo

17 R 02315W No Money Down® Net 69.95

Lafayette MC-22B Mini 4 Speed Record Changer Ensemble for above (see page 91 for description). Shpg. wt., 7 lbs.

21 R 01772W No Money Down Net 34.95

# Deluxe LAFAYETTE Solid-State AM/FM Walnut Table Radio

- Tuned RF FM and 4 IF Stages Tape Recorder Output Jack
- External Speaker Output Jack

A deluxe high-fidelity AM/FM radio employing an advanced solid-state circuit with 12-transistors and 14-diodes. However, it is more than just an AM/FM radio, it combines a super-sensitive AM and FM receiving section with a tuned RF FM stage and 4 IF's, a high-fidelity amplifier, and a full-range acoustic suspension loudspeaker in one compact and handsomely designed 3/8" walnut wood enclosure. Built-in AM and FM antenna system. Separate Band Selector. Continuous Tone control, and Volume control. AFC for drift-free FM. Jack at the rear of the radio marked REC may be used to plug in a tape recorder to record any programs heard on radio. Also includes provisions for hooking up an external 8-ohm speaker as well as external FM or AM antenna. Beautiful oiled walnut wood cabinet with wowen tan grill. For 105-120V., 50/60 Hz AC. Size: 131 x 5%0 x 38x\*H. Imported. Shpg. wt., 10-34 lbs.

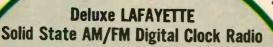
99 R 35644W

Net 39.95 99 R 35644W



Magnificent Hi-Fidelity Sound Reproduction from a Powerful 5" Acoustic Suspension Speaker

# LAFAYETTE'S BEST



 Full Feature Backlighted Digital Movement · Wake up to Music, or Music Followed by an Alarm 15 Minutes Later

60 Minute Sleep Switch 15 Minute Snooze Button

 2 Speakers—4" Woofer and 2" Tweeter delivers Rich Hi-Fi Sound

 Precision Engineered Sliding Volume and **Tone Controls** 

 Blackout Slide-Rule Dial lights up when Radio is On

when Radio is On

The most beautiful, and the best performing AM/FM clock radio Lafayette has ever offered. Handsomely styled on a Rosewood pedestal swivel base with Rosewood pedestal swivel base with Rosewood pedestal swivel base with Rosewood side panels. Features new revolutionary full feature General Time clock with backlighted digital movement that provides large easy-to-see numerals. A blackout slide-rule dial lights up when the radio is on. Separate precision sliding controls for Tone and Volume. Front panel clock lever control for on, off, auto, and alarm. Convenient "sleep" slide lever control can be set to automatically shut the radio off (up to 60 minutes) when you go to sleep. Wake up at a preset time to music, or music followed by an alarm 15 minutes later, By depressing the snooze button, the radio turns off, and you can have an extra 15 minutes of sleep. Switchable AFC lock prevents drift on FM. Magnificent li-fi sound is provided by a 2 speaker 2-way system consisting of a 4" woofer and 2" tweeter with crossover network. Built-in AM and FM AC line cord antenna. and 2" tweeter with crossover network.

Built-in AM and FM AC line cord antenna.

Size:12" x 5" x 3½". For 117 VAC/60

HZ. Shgs. wt., 8 lbs. Imported.

17 R 01911W No Money Down\* 49.95

**FEATURES** 

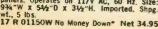
Revolutionary General Time Clock and Rosewood Swivel Pedestal Base

Earphone

- Convenient Slide Lever Clock Controls Are Located On The Front Panel
- Wake Up To Music, Or Music Followed By An Alarm 15 Minutes Later 60 Minute Sleep Switch
- 15 Minute Snooze Button

• 15 Minute Snooze Button

This superb performing solid-state AM/FM clock radio features the new General Time back-lighted digital movement — a light shines thru the clock numbers making it easy to read the time in the darkest room. Unique, simple sliding lever clock controls are located on the front panel. So simple to set, even children and adults alike can operate this radio. Convenient sleep slide switch can be set to automatically shut the radio off (up to 60 minutes) when you go to sleep. Choose whatever you would like to wake up to at a pre-set time, music only or music followed by a soff alarm 15 minutes later. Catch an extra 15 minutes of sleep by engaging the "snooze" feature after the alarm sounds. Large 3½" speaker assures rich full bodied sound. Built-in AFC keeps FM stations from fading in and out. FM antenna is built into the AG line cord for sensitive FM reception. The entire stide rule station panel lights up when listening, making if easy to tune even in a darkened room. Cabinet is of hi-impact oplystyrene, black with walnut side panels. Operates on 117 V AC, 60 VZ. Size: 34« W x 54½" D x 34½"H. Imported. Shgs. 17 R 01150W No Money Down\* Net 34.95





# Quality Clock Radios

# LAFAYETTE Solid-State Full Feature Clock Radios

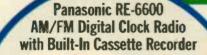
#### Low Profile AM/FM Radio

Combines a fully automatic full feature Westciox clock with Soft Glow Electro-Luminescent Night Light and a superb FM/AM radio in a handsome low profile styled walnut grained plastic cabinet with black and silver trim. Handy sleep-switch permits you to slowly drift-off to dreamland while the radio automatically shuts itself off (up to 60 minutes). Beautiful FM or AM music will awaken you at a preset time. Even includes a snooze button so that the Radio can again be turned off to permit you an extra 10 minutes of sleep. All solid state circuitry with 10 transistors, 4 diodes and 1 thermistor provides high sensitivity and selectivity enabling you to pull in stations crystal clear, both near and far. Size: 94/x 5/4 x 3/4°-D. For 117 V AC, 60 Hz. Imported. wt., 3/4 ibs. 17 R 01895W

#### Digital AM/FM Radio

An exceptionally fine performing AM/FM Solid State Clock Radio. Handsome walnut veneer wood cabinet. Illuminated 24 hour full feature leaf-type digital clock has large 3/4" numerals, and needs to be set only once. Thereafter it will wake you up every morning at the same time without additional adjustment. A timer can be set to Iull you to sleep with up to 60 minutes of music. Large prismatically lift slide rule tuning dial. Wide-range 3½ speaker provides rich sound. Continuous tone control, AFC for drift-free FM performance. FM AC line cord antenna. Ferrite core AM antenna. Size: 4½ x 12° x 5¾-x 5%-x 5hg. wt., 5 bs. Imported. For 117 VAC 60 Hz.







Solid State
AM Clock Radio

1495

Big 3" Speaker
Compact Styling
Precision Automatic Clock

Combination Full-Feature Digital Clock FM/AM radio and a custom Cassette Tape Recorder. Clock Radio features: 24 hour timer, continuous tone control, full range 4" dynamic speaker, and AFC on FM. Cassette Recorder features: Auto-stop, Easy-matic Recording Level Control, and push button controls. All solid state circuitry of extreme reliability. Built-in FM line cord and AM ferrite core antennas. Earphone/Ext. speaker jack; phono and milke input jack. With earphone and remote control mike. Size: 4½"H x 18%"W x 10"D. Shg. wt., 10 lbs. For 120VAC, 60 Hz. Imported.

17 R 31066W No Money Down\*

Cassette Tape

Wake up to beautiful music or news at a pre-set time. Compact, low profile, decorator design. Ideal for bedside, table, bookshelf, or desk. The full size clock makes for easy, accurate time telling. Only 4½ x 8¾ x 3". Attractive walnut-grained plastic cabinet. You will enjoy sensitive AM reception on all your favorite stations. Features powerful 3" speaker for fine tonal quality. Automatic gain control circuitry, and built-in AM antenna. Solid state circuitry for Instant-on play. No warm-up. For 110 VAC 60 Hz. Imported. Shpg. wt., 2¾ lbs.

17 R 69454

Net 14.95

# **Our Best Selling Personal Portable Radios**

#### **LAFAYETTE Battery/Electric** Solid State AM/FM Portable Radio



- With Earphones and Batteries
- Plugs into any AC Outlet or Plays Anywhere on 4 "C" Batteries
- · Powerful 3" Speaker

Handsome, full-sized personal AM/FM portable. Smartly styled leatherette cabinet with beige and chrome trim. Provides excelent FM as well as AM reception. Comes gift packed with earphone and batteries included. Features precision side rule dial, and wide range 3" dynamic speaker for clear, crisp tonal quality.
Telescopic FM antenna and ferrite core AM antenna. Leatherette
carrying handle. Size: 9"W x 5"H x 3"D. Imported. Shpg. wt., 34/2 lbs

17 R 01903L 99 R 62572 Extra "C" bat. (4 reg.)

Net 17.95 Net ea.

#### **LAFAYETTE Solid-State AM/FM Portable Radio**



· Built-In AFC

and Carrying Strap

Handsomely styled, personal pocket-size AM/FM portable radio. Powerful solid-state circuitry provides sparkling performance. Precision stide-rule tuning dial. Large 2¼" dynamic speaker. Bullt-in AFC. Ferrite rod antenna for AM, telescoping antenna for FM. Powered by single inexpensive 9-voit battery. Earphone for private listening. Black with walnut and chrome trim. Size: 5 x 3 x 1½". Imported. Shpg. wt., 1 lb. 17 R 019371. Net 9.95

Extra 9V batt. 99 R 60212

#### **LAFAYETTE Solid-State** AM Pocket Radio



Panasonic R-70 Spherical AM Portable



Micro Solid-State **AM Wrist Radio** 



· Separate Unique Volume and **Tuning Indicators** 

Low priced pocket AM Radio provides fine tone from a 21/4" dynamic speaker. Attractive styling with separate unique volume and tuning indicators. Comes with Earphone for private listening. Instant-on solid state circultry, Bull-ti-n AM antenna. Operates on one inexpensive 9-volt battery. Black case. Size: 41/41 X 21/42 X 11/4"D. Shpg. wt., 11/2 lbs. Imported.

99 R 60212 Extra 9-Volt Battery Net 4.98

- · Gift-boxed with Earphone and Battery
- . Instant-on Solid State Circuitry

Funloving spherical styling, unique easy-grip controls and carrying chain. Sensitive bulld-in ferrite core antenna pulls in both local and distant stations loud and clear. A 2¼° of the state of th

Blue shown. May come in red or white.

· Gift Packed with Earphone and Wrist-Strap

Shaped like a wrist watch, but actually a sensitive AM radio, only 23%" x 15%" in size. Utilizes space-age instant-on miniaturized soild state circultry. Operates on 2 MS41 batteries (not included). Ferrite bar AM antenna. When you plug in earphone (included) radio speaker is cut off. Includes earphone and wriststrap. Imported. Shpg. wt 4 0.7

wt., 4 oz. 17 R 21026L MS41 Batteries for wrist radio. Package of slx. Shpg. wt., 3 oz. 32 R 46931 Net 1.60

Lafayette Cat. No. 720

Depend on Lafayette For Everything in Electronics

# **Solid State Multi-Band Portable Radios**

LAFAYETTE BATTERY/ELECTRIC 4-BAND AM/FM/SW/MARINE

**PORTABLE RADIO** 

#### **FEATURES**

- Built-in AC Line Cord
- AFC on FM to Prevent Drift
- Fine Tuning, Tone Controls
  SW: 9-18 Mhz, MB: 2.5-6.5 Mhz
- Horizontal Slide Rule Tuning

One of the most versatile and handsome multiband portable radios we've ever offered. Provides Superb performance and magnificent tonal quality. You can listen to standard AM and FM broadcasts, thrilling international shortwave programs on the 9-18 MHz band, and marine navigation and weather reports on the 2.5 to 6.5 Mhz band. Fine tuning control for precise and accurate station selection on the shortwave band. Powerful reception from 23 solid state devices—12 transistors, 10 diodes, 1 thermistor, Richly styled black and chrome cabinet with wainut grained side panels. Plays on 4 "C" batteries (included) or 117 VAC with self storing AC line cord. Also features separate Tone control, telescoping FM, SW, and Marine antenna. Built-lin AM antenna plus provision for using external wire antenna. Size: 10-14 x 7/vz x 34". Shps. wt., 7 lbs. Imported. One of the most versatile and handsome

Extra "C" bat, (4 req.) 99 R 62572

Net ea. .16



With 4 "C" Batteries.

External Antenna Wire, Earphone, Dial-c-Map, and Shortwave Quide

#### 3-Band Battery/Electric AM/FM/SW Portable



Tunes 3 Bands AM: 530-1600 kHz

FM: 88-108 MHz SW: 3.8-12 MHz

Enjoy the finest in drift-free reception—hear your favorite news, sports, weather and special events on AM radio. Hear symphony concerts, world renowned sololists, Jazz bands on FM radio. Tune in Paris, Rome, London, Moscow and dozens of other cities on the International Shortwave band. This superb radio operates on 4 "0" batteries or on standard 117 VAC house current. Comes with convenient carrying handle for effortless portability, Features AC/DC switch, logging scale for precise tuning, color-coded band indicator, and AFC for drift-free FM reception. Telescoping antenna for FM and SW. Ferrite bar antenna for AM. Instant-on solid-state circuitry, earphone jack for private listening. Black padded, simulated leatherette cabinet. Size: 87aw x 7V4H x 3"D. imported. Shg. wt., 4½ lbs. 17 R 02307L

#### **Deluxe LAFAYETTE Battery/AC** AM/FM Portable Radio



With Batteries

- AFC for Drift-free Reception
- Precision Slide Rule Tuning
- Superb Tone with Wide Range 31/2" Speaker

Superb-performing AM/FM portable radio in a deluxe cabinet with a big 3½" wide range speaker for magnificent tone. Features one RF and three IF stages for extremely high sensitivity and selectivity enabling the listener to hear more stations. Precision Vernier slide rule tuning dial with logging scale. AFC on FM to prevent drift. Telescoping FM and ferrite core AM antennas. 10 transistors and 5 diodes, AC/DC switch. Rugged black leatherette cabinet with convenient carrying handle for effortless portability, includes earphone and 4 "C" batteries. Size: 5% x 9 x 2½". Imported. 17 R 019291. Sppg. wt., 4 lbs. Net 22.95 99 R 62572 Extra "C" bat. (4 req.) Net ea. .16

# LAFAYETTE'S Best Selling Police and Aircraft Portables

"Air Master 400 4-Band 17 Transistor FM/AM/Police/Aircraft Radio

High Band Police and Fire

47-174MHz FM/VHF



FM Broadcast 88-108 MHz

> With Batteries and Earphone

No Money Down\* Operates on 4 "D" Batteries or 117 VAC

- Variable Squelch Control for Tuning FM, AIR and Police Bands
- Record Output Jack
- Large 4" Speaker for Magnificent Tonal Quality Precision Slide Rule Tuning Dial
- Tunes U.S. Weather Broadcasts on 162.55 KHz

**Tunes 4 Exciting Bands!** 

AM" Broadcast 540-1600 kHz

Aircraft Band 108-136 MHz

The "Air Master 400" is a profes-

The "Air Master 400" is a professionally designed portable radio that tunes Standard AM Broadcasts, Standard FM Broadcasts, FM-VHF High Band Police Calls, AM-VHF Aircraft Band (monitor planes in flight awalting Instructions from the control tower), and U.S. Weather Bureau Forecasts. Individually tuned front end circuits for each band by the control to the control tower of the control Bureau Forecasts. Individually tuned front end circuits for each band provides higher sensitivity—assuring sharp response with exceptional stability. Variable Squeich control while tuning Police and Aircraft Bands—also serves as interstation muting on FM Broadcast Band. Self-Storing AC line cord for 117 VAC house current. Also operates on 4 "D" cell batteries. Telescoping antenna for FM, Police and Aircraft built-in loopstick antenna for AM. 17 transistors, 11 diodes; 2 thermistors. Jack for Ext. Ant, Phone; Record output. Padded black Vinyl case with handle. Size: 11½ x 7½ x 3½ z 3. 3½ D. 99 R 35578W Imported. Shpg. wt., 7 lbs. Net 44.95 99 R 62564 Extra "D" bat., 4 req. Shpg. wt., 5 oz. Net ea...18

#### Guardian II 2-Band Solid State FM-VHF and AM Police Radios



#### HIGH BAND

FM-WHF-147-174 MHz -540-1600 kHz

with earphones and batteries

#### "Guardian 300" 3 Band Battery/Electric Solid-State FM-VHF/FM/AM Police Radios



#### LOW BAND

FM-VHF-30-50 MHz -540-1600 kHz

95 with earphones

#### HIGH BAND

FM-VHF-147-174 MHz -540-1600 kHz AM FM -88-108 MHz

95 with earphones and batteries

#### LOW BAND

FM-VHF-30-50 MHz -540-1600 kHz -88-108 MHz

95 with earphones

HIGH BAND FM-VHF POLICE AND AM RADIO. Listen to the drama of averyday life with this exciting radio, Monitor local and state police, as well as fire departments. 162.55 MHz. U.S. Weather Bureau stations, civil defense, and emergency public services. Includes standard AM band. Loaded with these outstanding features: 2 RF stages, 4 If stages, slide rule logging scale for precise tuning, ferrite rod AM antenna, telescoping VHF antenna, large 3" speaker for superbidelity. Handsome black case with silver trim. Earphone jack for private listening. Operates on 4 "AA" type batteries (included) or 117 VAC with optional AC adapter. 11 transistors, 4 diodes, 1 thermistor. VA x 4'yeh' x 2'y', 10s. Imported.

99 R 35222L Shog. wt., 2'4 lbs.

10w BAND FM VHF POLICE AND AM RADIO, Same deluxe features and specifications as above Police radio but tunes low band 30-50 MHz instead of High Band. Imported. Shog. wt., 2'4 lbs.

Net 21.95

99 R 35347L

ACCESSORIES FOR GUARDIAN II POLICE RADIOS

Net Ea. Stock No. Description AC Adapter 99 R 62580 Extra "AA" Batteries (4 required) 3 oz.

HIGH BAND FM-VHF POLICE AND AM/FM RADIO. Listen to Police and fire calls . . . ANYWHERE—ANYPLACE, Deluxe 3-band radio operates on 4 "C" batteries or 117 VAC 60 Hz by means of a self-storing AC line cord. Powerful space age solid-state circuitry with 12 transistors, 6 diodes, and 2 thermistors. Variable 6-gang capacitor tuning for extremely high sensitivity and selectivity enables you to pull in even the weakest stations, Complete coverage includes high-band FM-VHF 147-174 MHz including 162,55 U.S. Weather Bureau Forecasts and standard AM and FM broadcast bands. Slide rule dial for precise tuning, ferrite rod antenna for AM, telescoping antenna for FM-VHF and FM bands, and an external antenna input jack. Padded black leatherette case with silver trim. Includes batteries, earphone and self-storing AC line cord. Size: 846"W x 454"H. x x 27/8"D. Imported. Shpg. wt. 31/4 lbs. 99 R 35461L

LOW BAND FM-VHF POLICE AND AM/FM RADIO. Same deluxe features and specifications as above but tunes low band FM-VHF 30-50 MHz instead of High Band. Imported. Shpg. wt., 31/4 lbs.

Net 29.95 99 R 35479L 99 R 62572 Extra "C" bat. for above-4 req. Net ea.

# **DELUXE!** LAFAYETTE "Guardian 5000" 5-Band Solid-State AC and Battery-Operated AM/FM/SW/FM-VHF Public Service Radio



Low Band FM-VHF 30-50 MHz



For Sports and News

Standard AM 540-1600 kHz



**World Famous Symphonic Orchestras** 

Standard FM 88-108 MHz

 Two Separate Front-End **RF Tuning Sections For** Both High and Low Police FM-VHF Bands

Monitor the airwaves of the world! Listen to Police, Fire, Civil Defense, 2-way Business and U.S. Weather forecast on BOTH THE HIGH (147-174 MHz) and LOW (30-50 MHz) FM-VHF band. Tune the 4-12 MHz International Shortwave Bands. Enjoy outstanding music on the standard FM band (88-108 MHz), as well as news, weather and sports on the standard AM band (540-1600 kHz). Advanced space age solid-state circuitry permits instant operation—no loss of precious time due to warmup—permits immediate response to emergency situations. Two separate 4 gaps tuning capacitor front ends for both birds. tions. Two separate 4 gang tuning capacitor front ends for both high and low FM-VHF Police bands for greater sensitivity and more de-pendable selectivity—weak stations can be heard clearly—while outside noise and interference are drastically reduced. Operates on

Tunes 5 Exciting Bands!



For Police. Fire, Weather



High Band FM-VHF 147-174 MHz

Listen to London, Vatican. Moscow and Voice of America



Shortwave 4-12 MHz

# ONLY

with batteries, earphone for private listening, and AC adapter

Net

 Variable Squelch Control While Tuning FM-VHF Bands...Also Serves As Interstation Muting on Standard FM Band

4 "C" batteries or 117 VAC household current with AC adapter (included). Excellent quality of tone from large 3½" speaker makes this a true hi-fidelity portable radio. Telescoping antenna for FM, FM-VHF, and SW bands. Built-in ferrite core antenna for AM band. Accessory lack for use of separate external antenna. Slide rule logging soly jack of use of separate external antenna. Side rule logging scale for precise tuning. AFC circultry prevents drift on FM. Beaufful walnut wood grain molded case with metal grill, gold trim, and handle. Includes 4 "C" batterles, earphone, and AC adapter. Dim.: 834Hx6Wx234"D. (Metal handle 3½".) Imported. Shop. wt., 6 lbs. 99 R 35438L No Money Down ... Net 59.95 Extra "C" batteries-4 required

LAFAYETTE 4-BAND TV-FM-FM/VHF POLICE PORTABLE RADIO



- Listen to TV Privately Without Disturbing Others
- . Listen to TV Anywhere Without Viewing

99 R 62572

and Earphone

#### **TUNES**

- . TV Low: Channels 2 thru 6
- TV High: Channels 7 thru 13
- Standard FM Broadcasts: 88-108 MHz
- FM-VHF High band Police: 146-175 MHz
- Instant-on Solid State Circuitry

A unique and truly different concept in the design of a radio. Allows you to tune TV channels 2 thru 13. Listen to the many outstanding sporting events, variety shows and special normally transmitted only on TV. At night, use your TV for the picture but control the sound from the radio—earphone lets you listen without disturbing others. Monitor Police and Fire emergency calls. Listen to U.S. Weather Bureau forecasts on 162.55 MHz. Also receives standard FM broadcasts. Operates on 4 "C" batteries or 110 VAC with optional adapter. Super-sensitive, instant-on solid-state circuitry, Precision siderule tuning dial. Built-in telescoping antenna, external antenna jack, leatherette carrying handle, earphone, and batteries. Black plastic cablnet. Size: 9 x 544 x 256 B. Imported.

99 R 35636L Shpg. wt., 4 lbs. No Money Down\*
99 R 62572 Extra "C" batteries. 4 req.
99 R 35362 110 VAC Adapter. Wt., 10 oz.

See Page 22 for Full Credit Details on Easy Pay Plan

3.95

# DELIJXE Lafayette GUARDIAN "6000" 6-Band Battery/Electric AM-FM-Police-Aircraft-Marine Portable Radio

Radio Direction Finder 180° Rotatable Ferrite Loop-stick Antenna for LW, AM, and MB Reception PLUS Direction Finding on these Rands

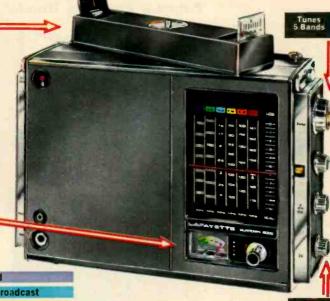


Signal Strength Tuning Meter/Battery Condition Meter



- LW: 180-380 kHz Beacon Band
- AM: 540-1600 kHz Standard Broadcast
- MB: 1.6-4.0 MHz Marine Band
- FM: 88-108 MHz Standard Broadcast
- AIR: 108-136 MHz AM/VHF Aircraft
- POLICE: 147-174 MHz FM/VHF High Band Public Service and U.S. Weather Bureau Forecasts & New VHF/FM Marine Band

Professionally designed 6-band portable radio with individually tuned circuits to provide extra sharp reception on each band. Tunes Long Wave Beacon Band, Standard AM & FM broadcast Bands, Marine Long wave Beacon Band, Standard AM & FM broadcast Bands, Marine Band, Aircraft Communications Band, and FM-VHF Police and Public Service High Band including the 162.55 MHz U.S. Weather Bureau Forecasts. Can be operated on 4 "C" batteries for portable use, or from 117 volt, 60 Hz AC with built-in AC line cord for home use, in addition the Guardian "6000" also has Radio Direction Finding Facilities. This will-permit the boat owner to obtain bearings from marine heapen stations on the Long Wave Bascon Band from broad. marine beacon stations on the Long Wave Beacon Band, from broad-cast stations on the AM Band, and small craft stations on the Marine Band. Also includes a calibrated optical sighting arrangement for visual bearings. Other features include a combined Tuning Meter/Battery Condition Indicator; adjustable telescoping whip antenna



Down\*

With Batteries and Earphone

Individually Tuned Circuits

Instant-on Solid State Circuitry

(plus an external antenna jack) for reception on FM, AM/VHF (Air) and FM/VHF Police Band; adjustable squelch control to eliminate background noise on the FM, Air, and Police Bands; output Jacks for use with headphone or external speaker; and Automatic Gain Control to vary the sensitivity of the radio and tuning meter for direction-finding purposes. Slide Rule dial has a logging scale for precise tuning and a push-button dial light. Large 4" Speaker for exceptional tonal quality. Steel handle for ease of portability. 18 Transistors, 14 Diodes, and 2 Thermistors. Size: 11½W x 9H x 3", Imported. 99 R 35065W Shpg. wt., 61/2 IDS. No morrey

Mounting Bracket For Fixed Marine Use, Imported, Wt. 6 oz.

Net 3.95 99 R 35065W Shpg. wt., 61/2 lbs. No Money Down\* Net 79.95 17 R 64000

Extra "C" Batteries (4 req.) wt., 4 oz. 99 R 62572

Net ea.

.16

#### LAFAYETTE "Air Master" 10 Transistor AM and VHF Aircraft Portable Radio



With

Batteries, Earphone, and Carrying Strap

- 108-136MHz VHF AM Aircraft Band
- 540-1600kHz AM Band
- Precision Slide Rule Logging Scale
- · Large 3" Speaker

Listen to the exciting frequencies of aircraft communications in your home, car, or office on the 108-136MHz aircraft band. Monitor aviation control lower transmissions, listen to planes In flight, get their landing patterns and weather reports. You are actually with the pilot as he receives Instructions for take-offs and landings. Also includes AM band. Features large 3" speaker, silder rule dial with logging scale, ferrite rod AM antenna, telescoping VHF antenna. Operates on 4 "AA" batteries (included) or on 117V AC with optional AC adapter. Earphone for private listening. 10 transistors, 2 diodes, 1 thermistor. Size: 7"W x 4\%"H x 2\%"D. Imported.

99 R 35230L Shpg. wt., 21/4 lbs. Net 19,95 99 R 35362 AC Adapter for above. Shpg. wt., 12 oz. Net 3,95

Extra "AA" batteries (4 required) wt., 3 oz. 99 R 62580

.10 Net ea.

# **NEW Exclusive From LAFAYETTE**

Deluxe Guardian 7000 Multiband Portable Radio



# **BIG POLICE BANDS!**

FM/UHF ULTRA FM/VHF HI FM/VHF LOW 147-174 MHz 30-50 MHz



8995 With Batteries and Earphones

#### COVERS ALL 3 PUBLIC SERVICE BANDS

Monitor: Police • Fire • Civil Defense • Highway Maintenance • U.S. Weather Bureau • Forestry • Conservation • Railroad

#### **ALSO TUNES**

International Shortwave: 4-12 MHz Standard AM: 54-1600 kHz Standard FM: 88-108 MHz

Our new solid-state multiband radio provides the professional listener or hobbyist with one of the Industry's most advanced techniques in monitoring the exciting UNF and VHF signals of police, fire, U.S. Weather, Civil Defense, etc. The Guardian 7000 can Tune 3 POLICE BANDS—ULTRA HI FM/UHF 450 to 470 MHz, High FM/VHF 147 to 174 MHz, and Low FM/UHF 30-50 MHz, You can also listen to International Shortwave Broadcasts on the 4-12 MHz band, as well as Standard AM and FM broadcasts. The Guardian 7000 has been engineered for outstanding performance and dependability with excelent sensitivity. Completely portable, it can be operated on 4 "C" batteries, or from 117 Yort, 60 Hz AC with built-in AC line cord.

Delivery 12/1/71

#### OUTSTANDING FEATURES

- Squelch Control
- Signal Strength Tuning and Battery Condition Meter
- Individual Tuned Circuits
- Instant-on Solid-State Circuitry
- Battery or AC Operation
- 2 Telescoping Antennas

Other deluxe features include a combined tuning meter/battery condition indicator, adjustable telescoping whip antenna, one for UHF, the other for VHF, SW, and FM Bands (plus an external antenna jack), adjustable squetch to help eliminate background noise; output Jacks for use with headphone or external speaker, station logging scale, continuous tone control, pushbutton dial light, output jacks for earphone and external speaker. Sturdy, built-in handle for ease of portability. Size: 11½W x 7¾H x 3½\*D. Imported. Shpg. wt., 9 lbs. 99 R 35677W No Money Down®

99 R 62572 "Extra C" batteries (4 req.)

Net ea. .16

163

\*See Page 22 for Full Credit Details on Easy Pay Plan



- Easy to Carry—Packs Like a Suitcase
- Perfect for Combo or Home Use

299<sup>95</sup>

Portable organ has a built-in fully transistorized 10-watt amplifier and two oval speakers. Ready to play anywhere . . . Suitable for any and two oval speakers. Ready to play anywhere . . . Suitable for any entertainer, at home or school. 49-key keyboard spans 4 full octaves and produces a wide range of tonal variations. Three 16' voice tabs and produces a wide range of tonal variations. Three 16' voice tabs—bass bourdon; bourdon; and strings. Four 8' voice tabs—flute; diapason; strings; and trumpet. Trumpet tab simulates 4' effects to give an even wider variety of sounds. On-Off tab vibrato with rotary speed and intensity controls. Volume/On-Off switch with pilot light and separate volume control for bass octave. Photo-cell type expression pedal. Can also be played through an external amplifier. Comes in red and black trim. Size: 31" keyboard; helght 32"; 18" deep. Operate on 117 VAC. Imported from Italy. Shpg. wt., 61½ lbs.

mmagnus Chord Organ Ensemble



 Complete With Bench and Hard Covered Music Book

Anyone can play this organ in minutes . . , without lessons. Features 37 full-size treble keys and 12 chord buttons, Handsomely designed walnut finish hi-impact polystyrene cabinet with decorator inspired front panel enhances any decor. Stands 32" high on 4 detachable legs. Matching hassock bench has deep foam cushion in color co-ordinated textured vinyl, Matching music rack with light. On/Off switch. Complete with hard-bound music book. Size: 9½Hx28¾Wx 10%"D. For 117 VAC, 60 Hz. Shpg. wt., 35 lbs.

Net 39.95

#### Panorama of Living Music in Colored Lights

4-COLOR SOUND ACTUATED **COLOR LIGHTS** 



4-color solid-state sound activated color lights. You can actually see every note and tone converted to a brilliantly moving panorama of colored, dancing images with each note and tone produced by the music. Flashing red, blue, green and yellow colors creates an entertaining display of multi-color, 3-dimensional spontaneity which varies to the amplitude of the sound source. Hi/lo input allows you to adjust for music power levels; to adjust for music power levels; Sensitivity control, Housed in walnut wood grained cabinet. Easily connects to speaker leads. Size: 24x12x10", Wt., 15 lbs. 21 R 25904W Net 34,95

#### **WIRELESS 4-COLOR AUDIO LIGHTS**

Same as above except with built-in microphone. No speaker leads to connect 21 R 26084W Net 39.95

udio-Litesz.



#### PRISMATIC COLOR AUDIO LIGHTS

Add a new dimension to your musical enjoyment, Priced to fit musical enjoyment, Priced to fit your budget, One-piece prismatic lens produces a brilliantly moving panorama of colors that have a 3-dimensional effect. Dancing images are seen with each note, tone and pitch produced by the music, Solid-state electronic content to the price produced impulses. trol transposes sound impulses into multicolor patterns, Will not affect amplifier operation, Easily connects to speaker leads. Attractive simulated walnut vinyl cabinet. For 117 VAC 60 Hz. Size: 18x11x7". Shpg. wt., 8½ lbs.
13 R 75526W Net 24.95

FREQ-LITE



Remote Control

 The Louder the Sound the Brighter the Light!

Now, without complicated and costly stage production equipment, lighting can be as wild as voice or musict Connect to any amplifier, tape recorder, or record player, its brilliance changes from note-to-note, projecting fantastically fast and precise variations of lighting to match the intensity of sound. Use multiple units in a group with varied light colors in each unit to get sensational color blending with sound. Control unit can be placed virtually anywhere for remote operation of light sensitivity, or, to turn lights on and off. System can also be used as a constant light source. Uses 2-75W flood lamps. Operates on 110-125V., 60 Hz AC. Includes lamps. 10' AC line cord. 13 R 17759 Shog wt. 44% lbs. 13 R 17759 Shpg. wt. 4% ibs...



# 9-PC. "COMBO" DRUM OUTFIT

A DRUMMERS THRONE

- Double Lug-Separate Tension 6-Ply Construction Thru-Out
- With 14" Cymbal—Cow Bell—Tone Block-Sticks-Brushes
  - "Fast-Action" Bass Drum Pedal

Ideal for beginner or advanced musician.

Jouth conclains an ex 12" Tom Yom, a
14" x 20" bass drum, both with double lug
separate tension cas, and a 54" x 14" separate tension share drum. Bass drum fearures adjustable "takt-action" pedal and
chrome plated streamlined hardware. All
ethore plated streamlined hardware. All
ethore plated streamlined hardware. All
ethore plated streamlined hardware. All
attentions and the streamlined hardware. All
ethore plated streamlined house
shaped adjustable telescoping cymbal holdshaped adjustable telescoping cymbal holdethore plated four streamlined and sticks.

A left base snare drum strend and sticks.

Phussips, chrome plated cow half, and block,
bushes, chrome plated cow half, and block,
busher, the england in this imported.

Lafayette Cat. No. 720

Net 89.95 Shpg. wt., 45 lbs.

10" Cymbal, Brushes, omplete with \*See Page 22 for Full Credit Details on Easy Pay Plan Net 27.95 An exciting 14"x542" separate tension, 6 ply snare drum with metal snares, tone modulator, speedy throw-off, flanged hoops, rolled chrome plated rims, plastic head, and nickel plated hardware. Attractive celluloid sparkle fluish. Complete with deluxe flat base chrome stand, 10" cymbal, sticks, and Two 14" Swiss brass cymbals on an adjustable, chrome plated flat base, Features a fast action foot pedal for added speed and comfort in Drummer's infone, chrome plated, Padded seat, 11" dla. playing, Base adjusts from 24" to 31". Shpg. wt. 13 R 66285W Net 32.95 Adjustable height from 20 to 27". Folds easily. Shpg 13 R 66293W Net 13,50 C SNARE DRUM SET B HIGH-HAT DUTFIT Imported. Shpg.wt. wt., 63/4 lbs. 13 R 87059W

PROFESSIONAL 15-PC. DRUM OUTFIT

- 9-Ply Construction Thru-Out
- Double Lug—Double Tension Chrome Plated Triple Flange Hoops

Deluxe, professional quality drum outilit with all the most whated acressories. Meets the demand for quality and sound in every way. Each drum has completely adjustable tresion rook for quids and easy fulling. Set consists of 14"x20" Bass Drum with 8 separate beaver-fail fension lugs, spurs, symbal holder, consolette form from mount, internal mutiler and initial chromed hobbs. 24"x14" since Drum—8-tension, speedy throw-off, and internal mutiler. The work of the service of the servi wood block and holder, Imported, Shpg. wt... 5-Piece Vinyl Drum Cover Case 13 R 66251WX Bright Red 13 R 66269WX Bright Blue 13 R 66277W

tand,

Shpg. wt., 10 lbs.

Net

16" x 16" FLOOR TOM TOM FOR ABOVE Chrome Plated Steel Rims, 9-Ply. 13 R 24573WX Wt., 19 lbs. Net 38.95

#### SOLID BODY

# **BLECTRIC GUITARS**

# SAVE UP TO \$1600 when you buy an outfit

# ONLY 2-Pick-Up

#### MONEY SAVING GUITAR OUTFITS

All outfits include a gultar, guitar case, amplifier, remote foot switch, plus neck strap, pickup cord, extra set of strings, pitch pipe, 6 picks, instruction book and record.

2 Pick-Up Selid Body Guitar Outfit Includes: 13—24656W Guitar, 99—92074W 20 watt Reverb/Tremolo Amplifier (see page 171), plus all of above accessories. Shpg. wt., 33 lbs. 13 R 91218WXM Net 99.95

4 Pick-Up Salid Body Guitar Outfit Includes: 13—24599W Guitar, 99—92074W 20 watt Reverb/Tremolo Amplifler (see page 171), plus all of above accessories. Shpg. wt., 354, lbs. 13 R 91226WXM Net 109.95

Deluxe 4 Pick-Up Solid Body Guitar Outfit Includes: 13—24599W Guitar, 40 watt Reverb/ Tremolo amplifier (see page 170), plus all of above accessories, Shpg. wt., 48½ bs. 13 R 91234WXM Net 134.95

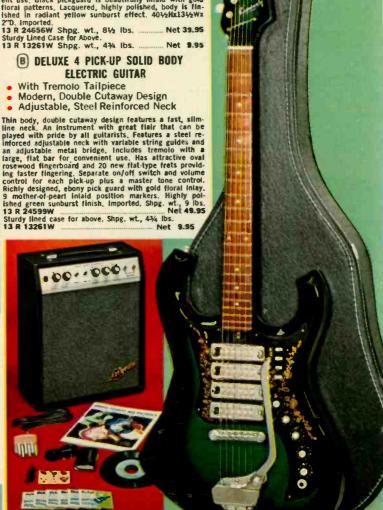
A 2 PICK-UP CUTAWAY SOLID BODY ELECTRIC GUITAR

- With Tremolo Tailpiece
- Steel Reinforced Adjustable Neck
  - **Volume and Tone Controls**

Electric solid body, double-cutaway guitar. Steel rein-forced neck features fast fingering over rosewood finger-board. 23 frets with 9 white inlaid position markers. Adjustable steel bridge guides strings over dual pickups, justable steel origing guides strings over dual pickups, each with individual on/off switch and volume control; master tone control provided. Compression tremolo, mounted to slimline body, has large flat bar for convenient use. Black pickguard is beautifully inlaid with gold floral patterns. Lacquered, highly polished, body is flin-ished in addiant yellow sunburst effect. 4042Mx1342Wx 2'D. Imported

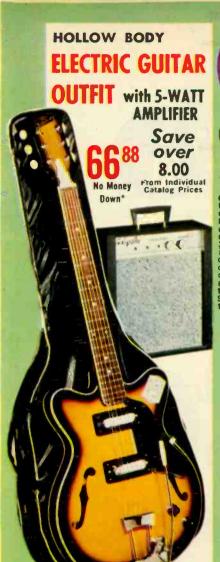
#### (B) DELUXE 4 PICK-UP SOLID BODY **ELECTRIC GUITAR**

rosewood fingerboard and 20 new trat-type rees proming faster fingering. Separate on/off switch and volume control for each pick-up plus a master tone control. Richly designed, ebony pick guard with gold floral Inlay. 9 mother-of-pearl inlaid position markers. Highly polished green sunburst finish, Imported, Shpg. wt., 9 lbs. ished green sunburst finish, Imported, Shpg. wt., 9 lbs. 13 R 24599W Net 49.95



Pick-Up

B



Includes: Guitar, 5-Watt . Amplifier, Carry Case, Extra Strings, Neck Strap with Shoulder Pad

Big sounding outfit! Features an ultra-slim semi-acoustic, hollow body guitar; 2 powerful magnetic pickups with individual switches for each pickup plus adjustable sensitivity controls for each string. Tremolo talipiece, adjustable neck and compensating bridge, plus individual Volume/ Tone controls. Rosewood fingerboard has inlaid pearl position markers; body is lustrous sumburst acrylic finish, 5-watt amplifier features built-in 6" heavy-duty speaker, 2 instrument inputs, 0n/off and Volume/Tone controls; in sturdy vinyl covered wood cabinet. (See Page 172 for complete description). Size: Guitar, 40L x 1334w x 134m D. Amp., 16H x 14W x 6"D. Imported. Shgg. wt., 23 lbs.
13 R 91259 WM.
Net 66.88 Guitar Outfit less amplifier. Shgg. wt. Big sounding outfit! Features an ultra-slim

Guitar Outfit less amplifier. Shpg. wt., II lbs.

13 R 24631W

Net 49-95



#### (B) NEW! "CUSTOM" SOLID-BODY ELECTRIC GUITAR

Black Acrylic Finished Body

A pe fect guitar designed for the young pro-fessional. Features a finely crafted mahog-any solid body cutaway with an ultra-slim fully adjustable steel reinforced neck. Pow-erful twin pickups with incredible tonal re-sponse and a 6-way adjustable bridge let you produce throbbing lows and shimmering highs, 3-position toggle switch and separate tone and volume controls for each pickup. Rosewood finger board and 8 large pearlized

Hardware Finished in Rich Gold Tone

position markers. Finished in show-stopping highly polished acrylic ebony color with rich gold tone pickups, machines, tailpiece and bridge. Large handsome body has celluloid bound nect and top. Size: 401 x 123/W x 14/"D. Imported. Shpg. wt., 11 lbs. 13 R 24698W

STURDY LINED CASE FOR ABOVE. 13 R 24706W Shpg. wt., 7 lbs. Net 9.95

See Page 22 for Full Credit Details on Easy Pay Plan

Lafayette Cat. No. 720 167

# SOLID & HOLLOW BODY BECTRIC BASSES

#### (A) VIOLIN SHAPED 2-PICK-UP ELECTRIC BASS

Classic violin shape produces brilliant electric bass tones, with the rich accent of an acoustic guitar. Three position switch accentuates the highs, lows and mid-range. Delicately arched hollow body bound in decorative celluloid trim, features: a 4-piece laminated, fully adjustable, steel reinforced neck; bound rosewood fingerboard with heavy nickel silver frets and inlaid position markers; chrome plated trapeze tailpiece; adjustable bridge; fully enclosed tuning machines; sparking sunburst finish with a celluloid pick guard, and managany finger rest, cord. 44½x13x2¼2. Imported. 13 R 24532W Shpg. wt., 8 lbs.

13 R 24540W Sturdy case for above. Shpg. wt., 71/2 lbs.

#### 2 PICK-UP SOLID BODY ELECTRIC BASS

Long neck, slimline electric bass guitar of selected woods for excellent speed and response and easy fingering. Hand rubbed, shaded sunburst body finished in durable acrylic lacquer, 46" steel reinforced adjustable durable acrylic lacquer, 46% steel reinforced adjustable neck has celluloid bound oval rosewood fingerboard, 20 frets, 8 pearl Inlaid position markers, and large machines for fast accurate tuning. Sensitive pick-ups have adjustable pole pieces for precise balancing of individual strings. Two, feather-touch rocker standby switches for instant control of each pick-up. Includes separate volume and tone controls and compensation adjustable bridge. With cord. Imported. Size: 46Lx13½Wx1°D.

13 R 24615W Shpg. wt., 91/4 lbs.

Sturdy Case for above. Shpg. wt., 5¾ lbs. 13 R 24623W

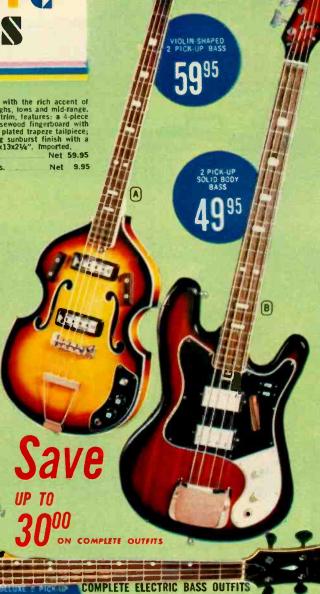
#### DELUXE 2 PICK-UP HOLLOW BODY ELECTRIC BASS

Produces deep bass tones with brilliant cadence! Fea-Produces deep bass tones with Driffiam cadence: Features adjustable muting control; 2 perfectly balanced adjustable pickups; individual tone and volume controls for each pick-up; 3 position toggle switch for solo/rhythm; fully adjustable compensating bridge; individual chrome covered precision machines; and custom designed tailpiece. Hard maple, steel reinforced adjustable neck with a 20 fret, oval rosewood fingerboard. 9 motheror-pearl inlaid position blocks, side position markers and triple bound edges. The beautiful, flame grained thin-line, double cutaway hardwood body is celluloid bound and protected by a pick guard. With cord. Imported. Size: 46Hx16Wx2"D, Shpg. wt., 13 ibs.

13 R 66087W Net 89.95

Sturdy case with plush lining for above.

13 R 66095W Shpg. wt., 11 lbs. Net 13.95



OLLOW BODY ELECTRIC BASS **n** 95

SAVE UP TO \$30.00 from Individual Catalog

Each Electric Bass Guitar Outfit consists of an Electric Bass, Amplifier, Case, Neck Strap, Pick-up lord plus "Modern Electric Bass Guitar Method" book. See Page 171 for Amplifiers.

Outfit No. 13 R 91192WXM 13 R 91135WXM 13 R 91242WXM

Elec. Bass 13 R 24615W 13 R 24532W 13 R 66087W

Amplifier 13 R 01548WX 13 R 01548WX 13 R 01654WX

Watts Shpg. Wt. 60 170

62¾ lbs. Ibs. 1131/4 lbs.

Net 154.95 275.95



Magnificent sounding classical guitar! Has 19 fret fingerboard for wide scaling. Sound hole features a beautifully
engraved mosaic decoration. Attractive Spanish styled
bridge is an authentic classical design. In addition, this
concert size classical guitar has 6 precision tuning machines
with plastic roller, slotted headpiece, and a steel reinforced
neck. Back and sides are finished in highly polished mahogany—top is polished natural finish. Size 3914L x 1436W x
334"D. Nylon strings. Imported.
13 R 66137W Shpg. wt., 8 lbs. Net 29.95
Sturdy Case for Above Guitar
13 R 52913W Shpg. wt., 4 lbs. Net 9.95

#### (A) GRAND CONCERT SIZE CLASSIC GUITAR

Deluxe version of above. Size: 39½L x 14½W x 376°D. 13 R 52905W Shpg. wt., 10 lbs. Imported. Net 34.95 Sturdy Case for Above Guitar. 13 R 52913W Shpg. wt., 4 lbs. Net 9.95

Rich deep bass and clear treble tones are built-in this jumbo size model. Made of carefully selected woods—resonant hand rubbed maple back and sides, and close grained, antique colored spruce top, Genuine "Nato" wood adjustable neck with celluloid bound rosewood fingerboard; inlaid pearl position markers; 20 nickel silver frets. Rosewood adjustable bridge, black pickguard with flowered design, individual tuning pegs. 401% L x 167½ W x 414°D. Steel Strings. Imported. Shgs. wt., 10 lbs.
13 R 52830WX Case for above guitars. Shgg. wt., 914 lbs. Net 12.95

#### (C) GRAND CONCERT SIZE FOLK GUITAR

Grand concert size folk guitar is made of beautiful, carefully selected natural white spruce top, mahogany sides, and highly polished light mahogany color back. Features adustable thin neck reinforced double truss rod; all white celluloid-bound edges of neck, top, and back of body; mosaic inlay around soundhole; moderate celluloid-guard-plate; rasewood pin bridge and solid oval rosewood fingerboard. 6 inlaid square type larger position markers for easier finger placement. Size: 394kt x 147kW x 34k"D. Imported.

13 R 24664W Shpg. wt., 6 lbs. No Money Down\* ........... Net 34.95
13 R 24672W Cæse for Above Guitar, Shpg. wt., 7½ lbs. ..... Net 9.95

# 7 Piece 'Beginners Outfit'





# **LAFAYETTE Deluxe Musical**

140 Watt Solid State "Piggy Back" Amplifier with Reverb-Tremolo, 3-Speakers, 2-Channels

For Guitar, Organ and Vocal Use Hammond Reverberation Unit • Variable Tremolo

2-12" Special Design Heavy Duty Speakers plus
High-Frequency Horn • Extruded Aluminum Panel

Piggy back amplifier with 14 silicon transistors plus silicon rectifier and heavy-duty power and driver transformers provides 140 watts peak music power! Closed back speaker designed to project low end response. Two 12" Heavy-Duty speakers plus a high frequency horn results in tremendous reproduction of brilliant highs, deep lows and solld midrange. Excellent for lead or rhythm guitars. Two channels with high and low level inputs. Separate volume and tone controls for each channel. Depth control for reverb, intensity control for tremolo circuit. Footswitch jacks for reverb and tremolo activation. Pilot light, fuse, and on-off switch. Sturdy wood cabinets covered in black textured scuff-resistant vinyl with metal corner protectors and heavy duty handles. Amplifier size: 7H x 221/2L x 103/4"D. Speaker cabinet size: 27H x 231/2 x 111/2"D. For 117 VAC 50/60 Hz.

13 R 01647WX Shpg. wt., 68 lbs.

Dual Foot Switch for Remote Control of Tremolo and Reverb.
13 R 01506 Shpg. wt., 1 ½ lbs. Net
Dolly for above Amplifier.
13 R 01498W wt., 6½ lbs. Net

Net 11.95



#### 75 Watt Solid-State "Reverb-Tremolo" Twin Speaker Amplifier

- 2-10" Heavy Duty Special Design Speakers Pulsating "Tremolo" For "Go-Go" Effect Hammond "Reverb" Unit For Echo-Like Effect

Get faithful reproduction of every note. Excellent for guitar, organ and vocal use. Has special heavy-duty speakers. All Solid State 10 translstor circultry provides excellent performance. 3 instrument inputs for guitar, microphone, and organ. Powerful 75 watt peak mustic power amplifier. Has a volume and 2 tone controls. Features remote control tool switch jacks for colorful tremolo and reverbe Operation plus 2 tremolo controls and 2 reverb controls; on/off switch, pllot light and carrying handle. Sturdy wood case covered in shimmering black vinyl. Size: 25°Hx184" WX842"D. Imported. For 117 Volts, 50/60 Hz. AC. Shpg. wt., 32 lbs.

Net 129.95 Dual Foot Switch for Remote Control of Tremolo and Reverb.

13 R 01506 Shpg. wt., 11/2 lbs.

Net 4.95



"Reverb-Tremolo" Amplifier

- . "Reverb" For Echo-Like Effect
- . Tremolo For Pulsating Sound
- 12" Special Design Speaker
- 3-Instrument Inputs
- Easy Reach "Slanted" Front Panel

Features a built-in heavy duty 12" speaker for clean reproduction of every musical note. Excellent for gultar, microphone, and accordion use. Three instrument inputs. Five controls: two for accordion use. Infee instrument inputs. Five controls: two for volume and tone; two for speed and intensity of tremolo, and one for "reverb" depth control. Footswitch jacks for remote control of tremolo and reverb. 40 watt peak, music power AC amplifier chassis utilizes 5 dual tubes equivalent to an 8 tube circuit, plus solid state rectifiers for rellable operation. Also has pilot light, on/off switch and fuse. Sturdy wood cabinet covered in black vinyl. Size: 22H x 17W x 8½°D. For 117 VAC 50-60 Hz.

13 R 01662W Shpg. wt., 291/4 lbs.

Qual Foot Switch for remote control of tremolo and reverb. 13 R 01506 Shpg. wt., 11/2 lbs.

See Page 22 for Full Credit Details on Easy Pay Plan

# **Instrument Amplifiers**



**60-Watt Solid State** "Piggy Back" Bass Amplifier

Heavy Duty 15" Special Design Speaker
 For Use With Electric Bass, Regular Guitar, Accordion and Combo-Organ
 2-Instrument Inputs

Gives full bass and vibrant sound with a minimum of distortion. Powerful 60 watt peak music power amplifier is ideal for use with electric bass or standard guitars, and combo organs. All solid state circuitry (5-transistors and 4-silicon rectifiers) provides excellent sound. Features a specially designed 15" speaker with a wide range response. High and low gain inputs separate volume and tone controis allow complete operating flexibility. Has On-Off switch plus pilot light and fuse. Two units; speaker and amplifier in matching black vinyl covered wood enclosures with handles. Size: Amp. 43/4H x 14W x 8"D; Speaker, 22%H x 18W x 11"D. For 117V 50/60 Hz AC.

13 R 01548WX Shpg. wt., 47 lbs.

Net 109.95

Big Bass Sound



#### 170-Watt "Piggy Back" Bass Amplifier

- \* Two Powerful 12\* Special Design Heavy-Duty Speakers With 20 Ounce Ainica Magnets
- · Projects "Big Bass Sound"
- · Excellent For Use With Bass, Accordion and Combo-Organ
- "Easy Reach" Extruded Aluminum Control Panel

A real powerhouset Fabulous, full bass sound with a minimum of distortion. Two powerful 12" speakers have a wide-range response. The amplifier features three inputs with deep and sharp selector switches, treble, bass, and volume controls and neon pilot lamps. Fuse and 3-position switch for power off/standby/on. Super 170-west peak music power chassis uses 5 tubes, 2 dual purpose tubes for 7 tube performance, and all solid state rectifier power supply circuit. Heavy duty transformers provide greater output. Two units: Rugged acoustic wood amplifier/ speaker cabinet, and a "piggy back" amplifier which sits neatly on top of speaker cabinet. Cabinets have attractive gray and silver acoustical cloth. Ribbed vinyl carrying handle. Speaker cabinet size: 30MX22Y/WX13YZ\*D; Amplifier cabinet size: 94AHX22Y/WX11"D. For 117VAC 50-50 Hz.

13 R 01654WX Shpg. Wt., 8814 lbs. Net 199.95

Additional Speaker System Unit (Less Amplifier)

13 R 01720WX Shpg. wt., 60 lbs.

Net 99.95

#### 20 Watt Solid-State "Tremolo-Reverb" Amplifier

- · "Reverb" For Echo-Like Effect
- Tremolo For Pulsating Sound
  Tremolo Speed/Depth Reverb Controls
- · Heavy Duty 10" Speaker

Impressive, 20-watt solid state peak music power reverb and tremolo amplifier with self-contained 10" heavy-duty speaker. Slanted, front-mounted control panel features "easy-to-reach" controls for Volume, Tone, Reverb, Tremolo speed, Tremolo depth; two instrument Inputs; reverb and tremolo foot switch input jack; bright-glow pilot light. Housed in an attractive sturdy vinyl covered wood cabinet with carry handle and grill cloth. Size: 19"H x 55"W x 6½"D. For 117V., 50 Hz AC, Imported. Shpg. wt., 16 lbs. 99 R 92074W Net 49.95

Dual Foot Switch for remote control of tremoto and everb. Shpg. wt., 11/2 lbs.

13 R 01506





# **Musical Instrument Amplifiers-Reverb Units**



#### 2495 5 WATT SOLID-STATE STUDENT AMPLIFIER

Three Instrument inputs Volume and Tone Controls

Great for the student or beginner! Features Great for the student of peginner! Features rugged, solid state circuitry for cool, instantaneous amplification and trouble-free operation. Provides 5-watts peak music power into a heavy-duty specially designed 6" speaker with excellent clarity and tonal seconds. Smarth ethal control page has response, Smartly styled control panel has on/off, Volume control and Tone control; and three instrument inputs, Attractively designed sturdy wood construction covered in water repellent, scuff-resistant black vinyl, With carrying handle, Size: 16Hx14Wx6"D. For 117V., 60 Hz AC operation, Shpg. wt., 13 lbs. 13 R 01704W

#### 10 WATT SOLID-STATE 36 Tremolo Speed And Intensity Controls

• 3 Inputs-Foot Switch Jacks

Functional, attractive, all-transistor tremolo amplifier. Delivers 10. watts peak music power to a specially designed 8" speaker for full instrument range. Front mounted control panel has controls for Tone, Volume, Tremolo speed, Tremolo intensity, three instrument inputs; tremolo foot switch input jack; and pilot light, Housed in a sturdy wood cabinet with jet black vinyl covering and harmonizing grill. Carrying handle. Size: 19kx16Wx 8½"D. For 117 V., 60 Nz AC. Wt., 19 lbs. 13 R 01712W 13 R 01712W Foot Switch For Remote Control of Tremolo. 13 R 01514 Shpg. wt., 1/2 lb.

#### 12 WATT SOLID-STATE BASS AMPLIFIER

- 10" Heavy Duty Speaker
- 3 inputs-Volume/tone Controls

Excellent choice for the student. 12-watt peak music power output. Rugged depend-ability with 10" heavy duty bass speaker; front mounted volume and tone controls for easy access. Inputs for three instruments! Solid state circultry for instantaneous re-sponse and trouble-free operation. Pilot light. Cabinet is sturdily constructed of wood with a scuff-resistant, black vinyl covering. Hand-some matching grill. Carrying handle; rub-ber feet, Size: 16"Hx19"Wx8"D, For 17V., 60 Hz AC operation. Shpg. wt., 17 lbs. 13 R'24649W No Money Down\* ... Net 44.95

#### LAFAYETTE SOLID STATE "ECHOVERB" REVERBERATION UNIT



- "Add-on" Reverb Unit for any Musical Instrument Amplifier or P.A. System
- Inputs for Mike and Instruments

Simulates the full sound top artists get! Compact, lightweight, transistorized reverberation unit creates a new dimension in audibility to overcome duil, flat ordinary sound. Can be used with any instrument amplifier, or P.A. system. Minutes to connect, the "Echo-Verb" may be used for sound effects. Has inputs for mike and/or instrument—plus a foot switch input to cut reverberation in or out from a remote location, pilot light and a reverb mix control that lets you select whatever intensity of reverberation you desire. With reverb mix control in the "Off" position, standard sound will be heard from the amplifier. With on/off switch. For 117 v., 50/60 Hz AC. Size 334H x 114/2w x 64/2\*\*D. Imported. Shpg. wt., 4 lbs. 99 K 92023W Foot switch for Remote Control of "Echo-Verb." Shpg. wt., 1/2 lb. Net 2.99

#### LAFAYETTE TWO-CHANNEL "ECHO-VERB 11" REVERBERATION UNIT



- 4 Inputs Mix and Fade
- Master Reverb Intensity Control
- Separate Volume Controls For Each Channel

"Echo-Verb II" offers full, dynamic reverberation, comparable to professional sound, in a lightweight, transistorized compact unit. Has two inputs for microphones and two inputs for instruments, each Has two inputs for microphones and two inputs for instruments, each with individual volume controls to permit mixing and fading. A separate, full-range Reverb Control adjusts from zero to maximum intensity, assuring you a desired level of reverberation, The "Echo-Verb II" also features a pilot light and a foot switch jack which allows you to cut reverberation in or out from anywhere in your room. Can be easily connected to an Instrument amplifier, P.A. amplifier, or HI-FI amplifier/receiver. Simulated black pebble-grain leather enclosure with leather strap. Size: 346H x 114/2W x 64/2"D. For 117 VAC 50-60 Hz. Imported. Shpg. wt., 4 lbs. Net 29.95

99 R 92116W
Foot Switch for Remote Control of "Echo-Verb II", Shpg. wt., 1/2 lb.
Net 2.99

See Page 22 for Full Credit Details on Easy Pay Plan

#### LAFAYETTE SOLID-STATE 120-WATT PA and MUSICAL INSTRUMENT SOUND SYSTEM

A two piece portable sound system that is easy to handle and extremely versatile. Features a mono-stereo mixer control center and a separate solid-state amplifier-speaker system. Mixer can handle up to 4 amplifier-speaker (120 watts each) giving up to 480 watts of power and all the flexibility you will ever need. Amplifier voices as well as instruments,

#### -Master Control Center Features: -

- 4 Channels-8 Inputs
- Each Channel Has 2 Inputs (High and Low) with Individual Volume, Bass and Treble Controls
- 2-Slider-Type Master Volume Controls for Mono or Stereo
- Two 3" Illuminated VU Meters to Monitor Preamp or Power Amp with Selector Switch
- Solid State—All Silicon Transistors
- Drive Capacity for 4 Amplifier-Speaker Systems
- \*Control Center is Built Into A Carrying Case with Detachable Lid

Only

No Money Down\*

Amplifier Speaker System Features: -

Solid State 120-Watt Power Amplifier with Four 10" Jensen Speakers

This unique portable sound system has exceptional performance for use with many instruments and voices. Control center features all of the above plus on-off switch, pilot light, fuse, 2 aux. AC receptacles and output connector with on-off switch for echo or reverb equipment. Amplifier-speaker systems and control center may be stacked. May be used for stereo with second amplifier-speaker system. Amplifier-speaker system size: 27Hx23W x114z-D. Control center size: 9Hx21Wx8'D. Sturdy black vlnyl covered wood cabinets with handles. With cords and plugs. For 117VAC 60 Hz.

13 R 90756WXM Shpg. wt., 784z lbs.

Net 299.95

"Add On" 120 Watt Amplifier-Speaker System. Shpg. wt., 531/2 lbs.

13 R 01597WX

13 R 01397WA

Heavy Duty Aluminum Dolly for above system. Shpg. wt., 7 lbs.

Net 21.95

**GRAPHIC EQUALIZER AND REVERBERATION UNIT** 

- Corrects Acoustic Inadequacies Wherever you are
- Balance your sound by adding or subtracting Highs or Lows

Every Group Needs An Audio Spectrum Equalizer—Easily Connects to any Amplifier. Eliminate. "hisses," dead spots, flat spots, and acoustic feed back howling from your amplifier. Add bottom to a voice or instrument, or eliminate bottom and add highs. Convert your guitar or Bass amplifier to an acceptable P.A. amplifier. Seven individually calibrated slide controls for precise frequency selection from 100 Hz., to 7000 Hz., tovers the spectrum for most voices or instruments. Features Hammond Reverberation unit with depth control which renders limitess color to your sound. Has noof switch trol which renders limitless color to your sound. Has on-off switch, volume and tone control, pilot light. Altractive simulated leather grained case with chrome trim. Vnyl cover included. Size: 19"W x 74." h x 74." D. For 117 volts 50/60 Hz. AC. Imported. Wt., 10 lbs. 13 R 66533W No Money Down



#### LAFAYETTE ENTERTAINER MICROPHONES & STAND

#### CARDIOID DYNAMIC MIKE A

A superb dynamic microphone designed for applications where location of performer in relation to speakers causes feedback and rerelation to speakers causes feedback and re-verberation. Highly directional cardioid pat-tern, Dual impedance: 50K or 600 ohms, select-able by switch. Response: 100-10,000 Hz. My-lar diaphragm. On/off switch. Modern design, satin chrome finished die-cast case, For hand-held or stand use. Size: 8¼LII1½°D head. With swivel stand adapter and 20 ft. detach-able cord with phone plug at other end. Im-ported. Shpg. wt., 3 lbs.

Net 12.95 Net 17.95

99 R 46294

B DELUXE BALL DYNAMIC MIKE

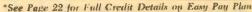
Modern design features dual impedance— High 50K ohms, or low 250 ohms. Omni-direc-tional, 100-10,000 Hz. Has on/off switch. Ball screen insures against "pop" and wind blast. Die-cast, finished in satin aluminum. Size: 614" long, max. diam. of ball 224". Com-plete with detachable 20 ft. cable and phone plug. Black metal desk stand and adapter for any 5/8"-27 floor stand. Imported. 99 R 46203 Shpg. wt.,

Net 16.95



#### CATLAS MIKE FLOOR STAND

Model MS-10C Mike stand featuring "Full-Grip" clutch mechanism for fast quiet adjustments. Functionally designed base assures maximum stability plus 3 "anti-tip" points. Full chrome plated tube assembly. Terminates in a %".27 thread.
Base dia, 10", finished in gray shrivel. Height adj., 35 to 63". Shpg. wt., 1034 lbs. 44 R 10031W Net 8,91





A Versatile Electronic Instrument Producing a Wide Variety of Rhythms For Accompaniment

Solid-state portable rhythmer ideal for teachers to produce a wide variety of rhythms and a steady beat for the students to follow. For students—a complete rhythm section to play along with. For single performers—bring along your own rhythm section! Works with any ampilifier to produce 12 distinctive rhythm selections plus an infinite variety of accompaniments by mixing two or more rhythms. Variable tempo control can be set for accompaniment to a Waltz. Fox Trot, Rhumba, Samba, Mambo, Slow Rock, Fast Rock, Swing, Bossa Nova, Cha-Cha, Tango, or a March. Each rhythm is

made up of a variety of percussion sounds: Bass Drum, Snare Drum, High Hat, Cow Bell, Bass Conga, Tenor Conga, and Cymbal. Additional features include: Master Volume and On/Off control, Tone control, On/Off rocker switch for instant control or rhythmer plus On/Off Remote Control Foot switch, pilot light and 12 pushbutton rhythm selectors. Circuitry: 32 transistors, 95 diodes, For 100-117 VAC. 50/60 HZ. Handsomely styled walnut flinish case with brushed aluminum panel. Size: 1734 x 444 x 94/2″D Shpg. wt., 1514 lbs. 13 R 24557W

#### AUTOMATIC RHYTHMER



- Complete with brackets for under keyboard mounting
- Mix sounds—Set tempos

A marvel of the micro transistor age. A compact electronic automatic rhythmer, computer designed, to produce a selection of 10 ekcitling rhythms. 5 dual selector switches render distinctive popular rhythms: waltz, mambo, bossa-nowa, rock 1, rock 2, fox trot, cha-cha, latin beat, polka, and ballad, Gives fantastic reproduction of actual rhythm instruments including brushes, claves, conga drums, snare drum, bass drum, and maracas. The compact control panel contains separate tempo and volume controls, on/off switch, down beat start switch, pilot light, fuse, and output connecting jack. Panel is designed to be operated from either the top of organ or under the keyboard. Brackets are provided for under keyboard mounting. Cabinet of walnut wood veneer, For 117 VAC 50/60 Hz. Size: 3H x 9W x 9½."D. Shpg. wt., 5 lbs.

13 R 66541W

Net 99.95

#### "SUPER" **AUTOMATIC RHYTHMER**



- Nineteen Automatic Rhythms
- Fox Trot/Swing Section with 36 Variations
- For teachers, students, performers

Pror teachers, students, performers

Become a one-man combo with this fully transistorized instrument—you'il never miss a beat! Provides nineteen computer programmed rhythms plus a special Fox Trot/Swing section with thirty-six variations. By mixing two or more rhythms, additional sounds can be added to create a myriad or accompaniments. The "Super" Automatic Rhythmer gives you "true-to-life" sound, tonal variations and accurate tempo. Actual musical instrument sounds created include: Bass Drum, Large and Small Conga, Claves, Cowbell, Maracas, Snare Drum and Cymbal, Computer programmed rhythms include: Rock 1-2-3-4; Ballad; Western; Bossa Nova 1-2, Tango; Rhumba; Mambo; Cha-Cha; Samba; Beguine; Meringue; Waltz/Viennese Waltz; and thirty-six variations of Fox Trot/Swing, Controls: Tempo; Volume On/Off Switch; Pilot Light; Tone Downbeat Start Switch; Fuse; High-Low Impedance Outputs; and Foot Control. Vinyl carrying bag. For 117 VAC 50/60 Hz. Size: 4/5/Hx94/2Wx14"L. Imported.

13 R 66509W Shpg. wt., 10-3/4 lbs. Net 169.95

See Page 22 for Full Credit Details on Easy Pay Plan



Finally an electronic instrument that can truly simulate the rotating speaker effect through any musical instrument amplifier! Not only produces the Fast or Slow rotating effect but, by the use of the remote speed comtrol pedal, can vary the speak at any rate you desire. Enables the player to produce the various modern effects which are being used on the stage, in the studio, and with theater organs. Can be used with any of the following instruments: organ, bass guitar, rhythm and lead guitar, electric plano, accordion, & other electronic band lastruments. Plus; Voice for vocal effects now being used by the top recording groups around the country. Easily connects between instrument and amplifier. Foot pedal has cancel switch to instantly nects between instrument and amplifier. Foot pedel has cancel switch to instally cancel effect being produced. Also features a rocker switch for selecting either the rotating speaker effect or a true vibrato effect. Other controls include Youme, Chorus/Vibrato, Intensity, On/Off power switch, fise, pilot light, inputs for 2 instruments, and an output for the amplifier. Unit is AC operated, fully transistorized, and has a rugged metal construction. Compact, only 10"MR64" "033"H. Can be praced in any conveniently reached location. Imported. Shpg., wt., 734 lbs. 13 R 66400 No Money Down

harmony of several wind instruments! Add more instruments to your small combo with the "Fuzz" Sound! Create a wide variety of synthesized

"Fuzz" Sound! Create a wide variety of synthesized tones such as those produced by a baritione, or bassaxophone. Battery powered, it easily connects between your guitar, or bass and the amplifier and is operated by an One Off foot switch. Has two variable control knobs; one for regulating the "fuzz" effect and one for volume and intensity. A supplementary On/Off switch is combined with the volume control to conserve battery life, fully transstortized, the unit is built for heavy duty use and operates on a single penlight battery. A rugged metal case protects inside circuitry. Overall size. 5421 x 342W x 248" over. H. Imported. Shgg. w., 134 lbs.

99 R 91993

99 R 91993 99 R 62580 Battery for above Net .10

SUPER-DRIVE FOOT PEDAL CONTROL

. Use on P.A. Guitar, Bass, Organ, Electric Piano, Etc.

- . Built-In Volume Control Pedal
- 6-Step Calibrated Input Boost
- · Volume "Leakage" Control
- Full Die-Cast Casing
- 100 Times Amplification Factor

Fully solid state Super Drive offers a new dimension in completely controlled sound. Set your amplifier for the tonal range desired and let Super Drive provide the volume you wish to play. This eliminates amplifier playing at full volume. Contains a calibrated attenuator which provides 6 ranges of boost, plus a built-in volume pedal which varies the boost selected. Super Drive provides "clean distortion", rich harmonics and is capable of endless sustain. In addition, Super Drive also contains a volume "leakage" control which will adjust the volume pedal to hold a desired leakage when the control is in the off position, Battery powered. Frequency Range: 20-30 kHz. Size: 1142L5EVM3142"H. Shgs. wt., 5¼ lbs.
13 R 66517 No Money Down"

Net 37.95
99 R 60212 9V Battery

Net ea. .29



Produce the Wah-Wah effect of a trumpet or trombone with your Produce the Wah-Wah effect of a trumpet or trambone with your guitar or bass, electronically. Add extra instruments to your combo by creating the effect of synthesized tones identical to those of a trombone or trumpet when muted by hand or derby. No reaching down for controls. Large, 8½" footpedal gives you the full range of Wah-Wah sounds plus operates as a volume control by depressing a built-in switch under the heel of the footpedal. Irput fack contains a switch to turn the unit on or off. Operates on 3 "C" cells. Fully transitionized construction. Imported Size. 10:216-29" transistorized, rugged construction. Imported, Size: 10x31/4x3" 13 R 66301 Shpg. wt., 3¼ lbs. 99 R 62572 Battery for above, 3 required. Net 29.95 Net ea.

See Page 22 for Full Credit Details on Easy Pay Plan



DELUXE AC SUPER FUZZ

Remote Control Foot Switch for Ease of Operation

AC operated super fuzz. No more batteries to fuss with as in conventional units. No more bending to adjust controls; control unit is ventional units. No more bending to adjust controls; control unit is separate from foot switch. Can be placed on amplifier or speaker within easy reach of the performer, Controls include Balance, Expander, and Tone control for a complete, controlled range of sustained fuzz effects, Electronically creates a harmonic producing sustained sound, now being used by top recording artists. Connects easily between your guitar or bass and the amplifier. Includes remote control foot switch, Long-lasting, solid-state circuitry combined with rugged metal construction. Size: 734"Wx5"Dx2"H, For 117 VAC, 60 Hz. Imported. Shpg. wt., 21/4 lbs.

SUPER FUZZ Today's "In-Sound

13 R 66418

 Super Fuzz Can Froduce an Expanded **Cimension in Sound** 

• Full Control of Fuzz Sustain Effects

Heavy Metal Casting For Long Life and Appearance

Solid-state Super Fuzz provides a complete range of controlled new Solid-state Super Puzz provides a compilete range of controlled new sustaired harmonic effects. Produces the wild new In-Sound widely used by the top recording groups. Balance control enables perfect blend of fuzz and normal tones. Espander control provides unlimited range of sustained fuzz effects. Tane switch permits choice of conventional fuzz or new harmonic sustained effects. Master foot control switches instantly to normal guitar operation. Rugged diecast metal construction. Size: 6½x3x1%". With cord and battery. Imported. Shpg. wt., 21/2 lbs. Net 27.95

13 R 66525 99 R 60212 Battery for Above

# **Musical Instruments & Accessories**

"VU-PITCH" 6 STRING GUITAR TUNER

• Lets Anyone Professionally Tune a Guitar in Minutes

Great For the Beginner

Tune your guitar visually! The easy-to-use VU-Pitch tuner with 6 precision tuned reeds works on the principle of sympathetic vibration. When the guitar string is exactly tuned, the vibration from the string will be transmitted to the associated reed and cause it to visibly vibrate thereby indicating proper pitch. Great for the beginner, the VU-Pitch tuner, will tune your guitar rapidly and precisely in a professional manner, Shpg. wt., 6 oz.

13 R 48507

Net 5.25

#### SEIKO KEYWOUND METRONOME WITH BELL



Streamlined, pleasant tone keywound metro-nome gives both a visual and audible beat timing from 40 to 208 beats per minute. Highly popular among professional musicians, an invaluable aid while practicing or giving instruction. When set on 40 scale will oper-ate over an hour. Brown case with clear front, Imported. Shpg. wt., 11/2 lbs. Net 12 75

#### Seth Thomas **ELECTRONIC METRONOME**

Precision Instrument, contains 2 complete electronically calibrated beat systems; audible and visual, 40 to 208 beats per minute. Single knob control, calibrated radial dial plus neon light. Wooden cabinet, operates on 115 V AC 60 Hz. Walnut. Shpg wt., 31/4 lbs.

13 R 44530 Net 21.95



As Low As

With Case.

#### HOHNER MELODICAS



Student Melodica-Ideal for the beginner, 20 chromatic keys from middle C to G, give it a range adequate for most music.

13 R 66319 Shpg. wt., 11/2 lbs. Net 10.95 Soprano Melodica-Similar to above. 25 keys from middle c. 13 R 66327 Shpg. wt., 11/2 lbs. Net 13.95

Alto Melodica Similar to above, 25 keys from low F. 13 R 66335 Shpg. wt., 13/4 lbs. Net 14.95

PROFESSIONAL TUNABLE BONGOS

95

 Fast, Unobstructed Hand-Playing



Net 16.95

Pure white perfect calfskin heads for best rhythm effect and authentic tone. Sparkling color finlsh, Sturdy construction full flanged counter loops with heavy chrome plated hardware. Four tuning lugs on each bongo, Head sizes: 74% and 64%. Overall 7" deep. Complete with Tuning Key. Imported, Shpg. wt., 3 lbs.

176 Lafayette Cat. No. 720

13 R 87042W

HOT SHOT POWER BOX

1 1 95 • Provides A Dramatic **Expansion Of Power** From Your Amp

Solid-state preamplifier that will boost the Solid-State preampirier that will boost the output of any electric instrument (gultar, bass, organ, microphone, etc.). Has 2-transistor circuit that provides 1 volt of power from a 50 millivolt input, Has emitter folfrom a 50 millivolt input, Has emitter fol-lower output and provides a high degree of boost with full fidelity. Boosts the power of an amplifier. Instant change switch allows instant change from regular instrument output to pre-set boosted out-put, Plugs into Input jack of music ampli-fier, Increases guitar sustain. Improved performance of alf fuzz tones and wah-wah pedals, Shpg, wt., 1 lb. Net 11,95

13 R 24714 9 Volt Btry, for above

Net .29



K	Average Shpg. wt., 8 oz.		
Г	(A) Guitar Strings. Set of 6, plated copper wire wound. 13 R 22536	Net	1,69
5	(A) Nylon Classic Gultar Strings. Set of 6.		
١	(A) Electric Guitar Strings. Flat wound, set of 6. 13 R 22528		
	(A) Deluxe Electric Guitar Strings, Gibson, flat wound hi High quality. Set of 6.		_
l	13 R 52871 (B) Guitar Picks—6 Flat, 2 Thumb		
	13 R 22569 (C) Adjustable Foam Padded Guitar Strap.		
	13 R 22502 (D) Guitar Pitch Pipe		
	13 R 22510 (E) Retractable Guitar Cords with Plugs		
	13 R 52889 10 Ft. 13 R 52897 20 Ft.	Net	2,29
	Deluxe 20 ft, Noiseless Coiled Cord, Superior shielding feedback. 13 R 66566		
	(F) Octure Adjustable Bright Sparkle Vinyl Neck Strap Brass Plated Buckle		
	13 R 22585 (G) Deluxe Adjustable Embroidered Hootenanny Neck Str.		
	fabric and leather, brass plated buckle. 13 R 88016		
	4 PIECE GUITAR		

#### ACCESSORY KIT

An ideal 4 piece set for the beginner-Consists of: 1 set of (6) Flatwound Gultar strings; gultar pitchpipe; adjustable foam padded gultar neck strap and 8 gultar picks—6 flat and two thumb picks. 13 R 22577 Shpg. wt. 1 lb. Net 4.95



#### GUITAR SELF-INSTRUCTOR FOR THE BEGINNER

Book And Record

Book and instruction record for the beginner. Chord sounds and pictures plus "strum" along favorites. Shpg. wt., 6 oz.

12 R 67079



SMITH'S MODERN ELECTRIC BASS BOOK

Authoritative 4 string electric bass guitar method book 12 R 67095 Shog, wt., 8 oz.

# **Famous Name Musical Instrument Speakers**

#### SUPER POWER CADENCE MUSICAL INSTRUMENT SPEAKERS

- Provides Natural Reproduction of Amplified Instruments
- -Full Rich Tonal Quality

Aluminum Dust Cone and Rubberized Cone Edges for Prolonged Life

Low As

Improved musical instrument speakers with heatproofed voice colls and reinforced steel chassis for long life at higher power levels. Specially designed to meet the rigid requirements for

replacement in electric organs, guitars, bass guitars, and accordions. All speakers have 8ohm voice coils. All speakers are round except 4 which is oval.

st	DC	k No.	Utah Model	Туре	Mag. Structure Wt. Lbs.	Dia.		For Use With	Depth	Wt. (lbs.)	Het Ea.
32	R	49349	MH-8JC	8"	13/4	1	30	Organ, Guitar	3	3	9.95
32	R	49356	MH-10JC	. 10"	13/4	1	35	Organ, Gultar	31%	41/4	19.95
32	R	49430	MH10PS	10"	4	11/2	50	Organ, Guitar, Bass Guitar, Accordion	3%	7	15,95
32	R	49364	MH-12JC	12"	13/4	1	40	Organ, Guitar	4%	61/4	11.95
32	R	49372W	MH-12PC	12"	4	142	60	Organ, Guitar, Bass Guitar Accordion	45/8	81/4	16.75
32	R	49380W	MH-12PXC	12"	61/2	142	70	Organ, Guitar, Bass Guitar Accordion	5%	10	22.50
32	R	49398W	MH-12RC	12"	73/4	2	85	Organ, Bass Guitar	51/8	12	33.00
32	R	49505	MH-12R3RA	12"	15	3	120	Bass Guitar	63/4	1842	64.50
32	R	49406W	MH-15PXC	15"	61/2	11/2	75	Organ, Guitar, Bass Guitar Accordion	61/2	111/4	27.00
32	R	49414W	MH-15RC	15"	73/4	2	90	Organ, Bass Guitar	6%	1334	44.50
32	2	49513	MH-15R3RA	15"	15	3	125	Bass Guitar	8 1/n	21	69,50
		49422	MH-69JC†	6x9"	13/4	1	30	Gultar	3	3	9.75



#### ALTEC LANSING PROFESSIONAL INSTRUMENT SPEAKERS

- Upgrade Your Present Equipment
- Designed For String Bass Instruments, Electric Guitars. **Electric Organs**
- · Reproduces Crisp Brilliant Highs, And Full Clean Lows
- Massive Magnet Structures Up To 17% Lbs.
- · Rugged Heavy Cast Aluminum Frames
- \*3" Aluminum Edge-Wound Voice Coils

MODEL 41780—12" Professional Quality Instrument Speaker, Power: Will work with amplifiers rated up to 75 watts, Impedance: 8-ohms, Voice Coll: 3", Magnet Structure: 10½ lbs., Diameter: 12½", Depth: 5½", Shgg, wt.; 16 lbs.

32 R 38508W No Money Down\* Net 85.00

MODEL 4188—15" Professional Quality Instrument Speaker, Power: Will work with amplifiers rated up to 100 watts, Impedance: 8-ohms, Voice Coli: 3", Magnet Structure: 10½ ibs. Diameter: 15%,", Depth: 7". Shg. wt., 14¼ lbs.

32 R 38516W No Money Down\* Net 95,00

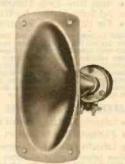
MODEL 421A—15" Professional Quality Instrument Speaker. Specifically designed for the BASS INSTRUMENTS. . Bass Guitars and Organs. Power: Will work with amplifiers rated up to 100 watts, Impedance: 8-ohms, Voice Coil: 3", Magnet Structure: 17½ lbs., Diameter: 15½", Depth: 6½", Spg., wt., 25 lbs.

32 R 38524W No Money Down\* Net 109.00



#### INSTRUMENT AMPLIFIER HORN

 Complete With Crossover



Add exciting overtones to your amplified instrument music. Molded 8 x 8½" deep. When used with the crossover supplied, handles the high frequencies of a 50 watt amplifier, With larger amps, use 2 horns per woofer, Response, 2,000/20,000 Hz. Use with 8 or 16 ohm speakers, 2:8 oz. ceramic magnet. Shpg. wt., 1½ lbs. Net 14.95



BANSHEE VOICE SPEAKERS

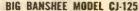
As Low As Designed To **Boost Vocals** 

Above Instrument Levels Model CJ-40. Voice speak er. Attractive charcoal gray, mulded fiberglas. Minimizes feedback, boom,

and annoying harmonics to

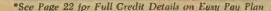
create performances that can be heard. 40 watts peak music power. Can be mounted on any mike stand (page 189) or with model SS-4 stand below. Quick connect-disconnect receptacle takes standard stand below. Quick connect-disconnect receptacle takes standard phone plug. Response: 150-14,000 Hz. impedance 8 ohms, 6Hx14Wx 1234\*TO. Shop, wt., 9 lbs.
44 R 10361W No Money Down\*

Net 42.15



Similar to above except 125 watts peak music power. Uses SS-4 Stand below. Response: 100-12,000 Hz. 13H x 23W x 19"D. Shpg. wt.,

44 R 10379W No Money Down\* Model \$5-4 weighted base speaker stand. Black wrinkle finish base, chrome steel tubing extends to over 6 ft. Shpg. wt., 1734 lbs. 44 R 10387W Net 19.59



# Systems PA Amplifiers

IDEAL FOR-

**Outdoor Campaians** 

Police

**Boats** 

Civil Defense

Fire



PA-640

No Money Down\*

#### **40-WATT MOBILE P.A. SYSTEMS**



As Low se

40 WATT SOLID STATE MOBILE PA AMPLIFIER

From Individual Catalog Prices



Atlas MO-1

99-45775 Microphone

Complete 40-watt mobile PA system featuring the Lafayette PA-640 40-watt solid state mobile public address amplifier with DC battery cable, 2 each Atlas M0-1 mobile weatherproof speakers with special fail-safe mobile bracket, Lafayette 99-45775 push-to-talk dynamic microphone with plug, and two 35 ft. speaker cables.

44 R 91015WXM Shpg. Wt., 21 lbs. Net 131.95 You Save 6.36 from Individual Catalog Prices

Same system as above except with one Atlas MO-2 mobile communications speaker, instead of two MO-1 speakers, for mounting under the hood and/or concealed limited spaces. MO-2 speaker size: 654wX8Hx4,"D. System shpg. wt., 14 lbs.

Net 101.95

Excellent 40-watt mobile P.A. amplifier for civil, military and general commercial use. 55-watt peak power solid state circuitry employs 5-transistors and 1-diode for economical and instant "On" operation. Three separate easy to see fiber-optic illuminated controls have individual 0n/Off and gain functions to permit separate or simultaneous playing of external equipment and paging system. Three inputs are provided: 1—low impedance microphone input (50-500 ohms); 1—high level crystal or ceramic phono input; 1—auxiliary input for tuner, tape recorder, etc. Has 12-14VDC power and audio output socket for siren, fog horn, etc. Response: 150-15,000 Hz. Output impedance: 4, 8, 16 ohms. Operates from any 12-15VDC source. Includes mobile mtg. bracket and DC cable. Size 9% x 2½ x x 9°D. Shg. wt. 7 lbs. Shpg. wt., 7 lbs. 44 R 01402W PA-640

Dynamic Push-to-Talk Public Address Microphone.

99 R 45775

Net 69.95

Net 4.95

"TINY MITE" SOLID-STATE 16 WATT MOBILE PA AMPLIFER



- Real Tiny—Only 1%Hx3%Dx%"W
- All Solid State No Warmup!
- For 12 Volts DC, Negative or Positive Ground

Ideal for mobile PA applications, the "Tiny Mile" fits into practically all cars and trucks, and features two inputs (100K and 600 ohms) for use with dynamic, crystal, or magnetic microphones, phono pickup, tape recorder or AM radio. Output impedance: 8 or 16 ohms. Low current consumption: draws maximum of 1.6 ampere from vehicle's battery. Fused for overload protection, Complete with microphone plug, battery and speaker cables, and under-dash mobile mounting bracket. Imported. Shpg. wt., 214 lbs. 99 R 45890 No Money Down\*

#### LAFAYETTE Solid State 16 Watt Mobile PA System

- . Lafayette Solid State 16 Watt Mobile PA Amplifier
- 2 Lafayette Horn PA Speakers
- Lafayette Push-to-Talk Dynamic PA Microphone

Above Lafayette mobile PA system consists of Lafayette's 16 watt solid state miniature mobile PA amplifier, 2 weather-proof 8 watt PA. trumpet speakers with 90° dispersion and low impedance matching dynamic push-to-talk microphone. Shpg. wt., 534 lbs.

44 R 90694WXM No Money Down\* Same system as above except with Atlas MO-1 25 watt weatherproof speaker with fail safe mobile bracket instead of two horn speakers.

44 R 91031 WXM Shpg. wt. 9 34 lbs.

You Save 3.64 From Individual Catalog Prices

# LAFAYETTE 25-Watt Solid State P. A. Amplifier



# Model PA-25

- 25-Watts Continuous Power (RMS). 50 Watts Peak
- Microphone Precedence Switch
- Anti-Feedback Network
- Switchable High and Low Level Mike
- Tape Recorder and Booster Amplifier Outputs
- Master Volume Control
- · Outputs\_for 4, 8 and 16 ohm Speakers and, 25 Volt and 70 Volt Constant Voltage Speaker Installations

Lafayette's PA-25, 25-Watt solid state PA amplifier will more than satisfy your requirements Lafayette's PA-25, 25-Watt solid state PA amplifier will more than satisfy your requirements for dependable performance for medium size meeting rooms, classrooms, entertainment centers, etc. The PA-25 incorporates all the desirable PA features plus several other so-phisticated characteristics found in much more expensive equipment, lec. Controls: Separate Bass and Treble, Master Volume, Microphone Volume, Auxiliary-1, Auxiliary-2, Antifeedback for minimizing feedback and for protection of speakers, and Microphone Precedence for direct or remote muting of auxiliary inputs when only microphone input is desired. In the rear, the PA-25 features a tape record output jack plus a separate output jack for tape recorder or booster amplifier, 2 speaker output sockets and impedance matching terminals for 4, 8, 16-ohms and 25-Volt and 70-Volt constant outputs, an AC convenience outlet, and AC and DC fuses. Cemplete with microphone connector and 2 plug-in speaker connectors. For 105-125 Volts, 60 Hz. Size 15½MX5¾HX10½°D. Shpg. wt., 27 lbs. Imported.

Net 59,95 99 R 46286W No Money Down\*

#### Specifications

Power Output: 25 Watts (RMS) at less than 5% distortion (50 Watts Peak).
Frequency Response: 100 to 10,000 Hz 2db

Sensitivity: High Impedance Mike = Low Impedance Mike = 0.3mV, Aux-1/Phono = 400mV, Aux-2 = 200mV. Inputs: Mike High = 100K ohms, Mike Low :

200 ohms: Aux-1 = 400K ohms, Aux-2 = 100K ohms

Hum and Noise: Mike Input = 45db; Aux Input = 60db.
Outputs: 4, 8, 16 ohm speaker; 25V, 70V,
Tape/Booster = 5V at rated output; Tape Re-

corder = 0.5V at rated output.
Semi-conductors: 9 Silicon Transistors, 2 Silicon Transistors

icon Diodes, 1 Zener Diode, 1 Thermistor.

#### 25-WATT INDOOR P.A. SYSTEMS with HEAVY DUTY 12" SPEAKER

Includes PA-625 25-watt P.A. amplifier; Rugged, specially designed hi-power 12" P.A. speaker; Polished walnut wooden wall baffle; Lafayette 99 R 45874 slim crystal microphone with on-off locking switch, desk stand, lavalier cord, cable and remonable type floor stand and desk stand adapter; 35 ft. speaker cable. Shpg. wt., 37 lbs.
44 R 91965WXM No Money Down\* Net 76.95

#### with COLUMN SPEAKERS

Same P.A. system as 44-91965WXM except with 301/4x7x31/a" column speaker instead of 12" speaker and wall baffle. Attains extra efficient sound reproduction with 6 internal speakers. Shpg. wt,..

44 R 91973WXM No Money Down\* 44 R 91973WXM No Money Down\*

Above system with extra column speaker and cable. Shgs, wt., 57 lbs.

Net 119.95

Net 119.95



#### 25-WATT PORTABLE P.A. SYSTEMS

A complete 25-watt P.A. portable system that in addition to Lafayette's fine 25-watt P.A. amplifier, includes a heavy duty 12" P.A. speaker; a rugged excellently constructed carrying case that serves as an efficient speaker baffle and housing for the amplifier, optional phonotop, microphone, cables and up to 2-12" speakers; Lafayette 99 R 45874 high impedance slim crystal microphone with on-off locking switch, with cable, desk stand, removable swivel type-floor stand adapter, and lavalier cord; and 35 ft. speaker cable. For 105-125 volts 60 Hz AC. Shpg, wt., 5234 lbs.

44 R 91999WXM No Money Down's 121" heavy duty 15 watt P.A. Same as 44 R 91999WXM agreent with 2-12" heavy duty 15 watt P.A.

Same as 44 R 91999WXM except with 2-12" heavy duty 15 watt PA speaker spius 35' speaker cable. Shop, wt. 5734 lbs. 44 R 9205WXM No Money Down\* Net 99.95





#### Phono Turntable

4-speed (16, 33%, 45, and 78 RPM) phonograph furntable, Used alongside of PA-25, PA-50 and PA-100. Takes records up to 12", High quality ceramic pickup—turnover type with dual synthetic sapphire stylus, Power requirements: 15 watts, 117 volts, 60 Hz AC. Durable finish, Size: 12%x8%x4". Shpg. wt., 634 lbs. 44 R 01584 Net 18.95

# LAFAYETTE 50-Watt Solid-State P.A. Amplifier



## ONLY o Money Down

- 50-Watts Continuous Power (RMS)
- · Switchable High and Low Level Mike Inputs
- Microphone Precedence Switch
- Anti-Feedback Network
- Tape Recorder and Booster Amplifier Outputs
- Master Gain Control
- . 25 Volt and 70 Volt Constant Voltage Outputs

#### SPECIFICATIONS

Pewer Output: 50 Watts at less than 5% Distortion (Peak Power 100 Watts). Frequency Response: 100 to 10,000 Hz ±2 db. Sensitivity: High Impedance Microphone—0.3 my; Aux 1/phono = 400 my. Aux 2 = 200 my. Inputs: Mic-1 High = 100 K ohms, Low = 200 ohms, Mic-2 High = 100 K ohms, Low = 200 ohms, Mic-2 High = 100 K ohms, I wax 1 = 400 K ohms; Aux-1 = 400 K ohms; Aux-2 = 100 K ohms, I wax = 400 K ohms; Aux-2 = 100 K ohms, I wax = 55 db. Outputs: 4, 8, 16-ohm Speaker; 25%; 70%; Tape/Booster = 5% at rated output; Tape Record = 0.5% at rated output; Semi-Cenducters: 10 Silicon Transistors, 4 Silicon Diodes, 1 Zener Diode, 1 Thermistor. Power Output: 50 Watts at less than 5% Dis-

Lafayette's 50-watt solid state P.A. amplifier combines power with versatility for superb performance in indoor and outdoor applications. Features separate bass and trable controls, master gain control, 2 separate microphone volume controls, mixer control for both sustiary inputs, and switchable anti-feedback network for minimizing feedback and for protection of speakers. The PA-50 also incorporates a microphone precedence switch and terminals for direct or remote mutting of auxiliary inputs when only microphone input is desired; one tape record output jack plus a common tape record and booster amplifier output jack; 2 speaker output sockets for 4, 8 and 16-ohm speakers, and 25 volt and 70 volt constant voltage speaker outputs for a multiple speaker constant level sound system. The PA-50 also includes power-on light, AC convenience outlet, and push-to-reset circuit breaker. Complete with microphone connector and 2 plug-in speaker connectors. For 105-125 volts, 60Hz, 90Hx, 30Hx, 31Hx, 10Hz-70. Shpg. wt., 24 lbs.

9 R 45684W

Net 84.95

A Sneed Turnshle for Above Applifier. performance in indoor and outdoor applications. Features separate bass and trable controls.

4 Speed Turntable for Above Amplifier. 44 R 01584 Shpg. wt., 634 lbs.

Net 18,95

#### **50-WATT INDOOR PA SYSTEMS**

Excellent for Large Halls, Department Store Paging Systems, Auditoriums, Supermarkets, etc. WITH 8" SPEAKER-BAFFLE COMBINATIONS

#### WITH 12" HEAVY DUTY SPEAKERS



12" Heavy Duty Speakers

Walt Baffles

Shure Unisphere A

Dynamic Mike



As Low As

PA-50

No Money Down\*

Consists of:

 Lafayette PA-50 50-WATT PA **Amplifier** 

· 2-12" 30-Watt (60 watts peak) Heavy Duty Speakers. Each with Tough Industrial Type 11/2" Voice Coil and 11/4 lb. Ceramic Magnet for Excellent Efficiency.

• 2- Sturdy Attractive Walnut Wall **Baffles for Speakers** 

· Choice of Deluxe Dynamic Mikes

Desk Stand • 2-35' Lengths of Speaker Cable

Above system with Lafayette 99-46039 dual impedance dynamic mi-crophone and 99-45999 desk stand. Can also be hand held or used with standard floor stand- 110-130 VAC 50/60 Hz. Shpg. wt., 49 lbs. 44 R 92013WXM Net 130.95

Same as above with Shure Unisphere A dynamic "pop-proof" cardioid mike instead of Lafayette micro-phone. Shpg. wt., 471/4 lbs. 44 R 92021WXM Net 160.95



PA-50



Combinations

Shure Unisphere A Dynamic Mike

As Low As No Money Down\*

Consists of:



 Lafayette PA-50 50-Watt PA **Amplifier** 

 4-8" Speaker-Baffle Combinations; each with Matching Transformer for 25 and 70.7 Volt Constant Voltage Outputs, plus Volume Control.

Desk Stand . Choice of Deluxe Dynamic Microphones.

• 4-35' Lengths of Speaker Cable 44 R 91924WXM Net 164,95 floor stand, Shpg, wt., 65 lbs.

Net 164.95 44 R 91924WXM Same as above except with Shure Unisphere A dynamic cardioid "popprool" microphone instead of Lafayette microphone, Shpg. vt., 64 lbs.
44 R 91932WXM Net 194.95



Lafayette 99-46039

Dynamic Mike with

99-45999

LAFAYETTE P.A. AMPLIFIER GUARANTEE

ONE Year Guarantee: All parts guaranteed against defects in material and workmanship for one year. Ship defective part to us prepaid for replacement or ship amplifier prepaid for repair



### 50 WATT OUTDOOR PA SYSTEMS

For Airports, Loading Platforms, Railroad Stations, Country Clubs, Camps, etc. For up to 100,000 Square Ft. of Outdoor Area



E-V PA-30A **Projectors** 



Low

No Money Down\*

#### Consists of:

- Lafavette PA 50 Versatile 50 Watt PA Amplifier
- Choice of Deluxe Dynamic Microphones 1
- Two E-V PA-30A 30 Watt Weatherproof Speakers

Above system with Lafayette 99-46039 de-Above system with Larayette 39-4-0039 geluxe dual impedance dynamic microphone with 99-45999 desk stand, Microphone can be hand held or used with standard floor stand, Includes 20 ft. of detachable mike cable and connector. Shpg. wt. 48 lbs. 44 R 92039WXM Net 141-95 Same system as above except with Shure Unisphere Atdynamic cardioid mike Instead of Lafayette microphone, Shpg, wt., 45½ lbs. 44 R 92047WXM Net 171.95

### 50 WATT PORTABLE PA SYSTEMS

#### with Dual Speakers

For the Majority of Sound System Applications . . . School Auditoriums, Churches, Theatres, Dance Halls, Studios, Lecture Halls, etc.



Consists of:

- Lafayette PA-50 50 Watt P.A. **Amplifier**
- Two 30 Watt Heavy Duty 12" P.A. Speakers
- Lafayette 99-46039 Dual Impedance Dynamic Microphone & Desk Stand
- Attractive, Sturdy Carrying Case for Amplifiers, Speakers, & Accessories, Serves As **Efficient Baffle**
- Two 35' Speaker Cables Complete System as above. Shpg. wt., 643/4 44 R 91940WXM Net 140.95

Same as above system except with Shure Unisphere A Cardioid Dynamic Microphone in-stead of Lafayette microphone, Shpg. wt., 62% lbs. Net 170.95 44 R 91957WXM

**50 WATT INDOOR** PA. SYSTEMS with LAFAYETTE 6-Speaker

Column Speakers

Excellent for: Auditoriums. Churches, Theatres, Studios, and Special Events.



Low Down\* As

- Lafayette PA-50 50 Watt PA Amplifier
- Two 30 Watt 6-Speaker Column Speakers
- Choice of Deluxe Dynamic Microphones t
- 2-35 Ft. Cables

Above system with Lafayette 99-46039 dual Apove system with Larayette 99-40039 dual impedance dynamic microphone and 99-45999 desk stend, Can also be hand held or used with standard floor stand, Column speaker is 30½"x7"x34%" utilizing 6 speakers for efficient reproduction of program material. Shop, wt. 61 lbs.

Net 151.95 44 R 92054WXM Same as above system except with Shure Unisphere A†Cardioid Dynamic Microphone instead of Lafayette microphone, Shpg. wt.,

5944 lbs. 44 R 92062WXM Same system as 44 - 92054WXM except with 2 Deluxe 60 watt, 6-speaker sound column speakers instead of 30 watt speakers, Shpg.

wt., 781/2 lbs. 44 R 92070WXM Same as 44 - 92070WXM except with Shure Unisphere At Cardiold Dynamic Microphone instead of Lafayette microphone. Shpg. wt.,

76% lbs. Net 219.95 44 R 92088WXM

## LAFAYETTE 100-Watt Solid State P.A. Amplifier Model PA-100



• 100-Watts (RMS) at Less Than 5% Distortion (200-Watts Peak Power)

Switchable High & Low Level Mike Inputs

Microphone Precedence Switch Anti-Feedback Network

Tape Recorder and Booster Amplifier Outputs

Master Gain Control

25 Volt and 70 Volt Constant Voltage Outputs

- SPECIFICATIONS -

Power Output: 100 Watts at less than 5% Distortion (Peak Power 200 Watts)
Frequency Response: 100 to 10,000 Hz 2db. Sensitivity: High Impedance Microphone = 4mV. Low Impedance Microphone = 0.3 mV. Aux 1/Phono=400 mV, Aux 2= 200 mV.

Inputs: Mic-1 High = 100K ohms; Mic.-Low = 200 ohms; Aux-1 = 400K ohms; Aux-2 = 100K ohms. Hum and Noise: Mic. Input = 40db; Aux In-

Hum and Newser Mic. 1990
put=55db.
Outputs: 4, 8, 16 ohm Speaker. 25V; 70V;
Tape/Booster=5V. Tape Record=0.5V.
Semi-Conductors: 10 Silicon Transistors, 4
Silicon Diodes, 1 Zener Diode, 1 Therm-

Power Requirements: 105 to 125V, 60 Hz AC:

Lafayettes' 100-watt solid-state P.A. amplifier features outstanding solid state circuity design for truly dependable public address long life performance. Its high power and special features make it ideal for use in large meeting areas, factories, department stores, airports, churches, temples, outdoor areas, etc. where maximum coverage is essential. Some of its salient features are separate bass and treble controls, efficient master gain control, separate microphone volume controls for microphone 1 and microphone 2, miser control for both auxiliary inputs (phono, tuner, etc.), 2 switchable high and low level microphone inputs, a switchable anti-feedback network to minimize feedback and to protect speakers against burnout in addition the PA-100 incroporates a microphone precedence switch that permits muting of auxiliary inputs when only microphone input is desired, as well as separate mike precedence externinals to permit remote switchable microphone, one tape record output jack plus a common tape record and booster amplifier output jack; 2 speaker output sockets for 4, 8 and 16 ohm speakers, and 25 volt and 70 volt constant voltage speaker outputs for a constant level sound system. The PA-100 also includes power-on indicator light, AC convenience output and push-to-reset circuit breakers. It is professionally designed for attractive appearance as well as for exceptional utility. Complete with microphone connector and 2 plug-in speaker connectors, For 105-125 volts, 60 Hz, 190 VA. Size 15½W X.5½H X.10½°D. Shg. wt., 28 lbs. Desk Type Dynamic Oual Impedance Press-to-Talk ₹-8. Microphone. Excellent For Standard and Mike Precedence Activation of PA-100. Shg. wt., 2½ lbs. Net 12.95

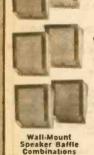
#### LAFAYETTE P.A. AMPLIFIER GUARANTEF

ONE Year Guarantee: All parts guaranteed against defects in material and workmanship for one year. Ship defective part to us prepaid for replacement or ship amplifier prepaid for repair

## 100-Watt Indoor Public Address Systems

Excellent for: Department Stores, Auditoriums, Airports, Large Meeting Halls, Churches, Temples, etc.

8 8 8 8 8 8 8



with 25V/70.7V Transformers

As Low As

WALL-MOUNT SPEAKERS

 Lafayette PA-100 100-Watt Solid State PA Amplifier

• 6 Lafayette Pre-wired Speaker Baffle Combination with 8" Speakers, Vol Controls, and Universal 25 Volt/70.7 Volt Constant Voltage Matching

Transformers
Choice of Deluxe Dynamic Microphones
Six 35 ft. Speaker Cables

Complete 100-watt indoor PA system as above with Lafayette 99-45981 deluxe dual impedance dynamic "pop-proof" microphone with on-off switch, desk stand and 6 ft. detachable cable. The microphone can also be hand held or mounts on any standard floor stand. Shpg. wt., 76 lbs. No Money Down\* 44 R 91825WXM

99-45981

with COLUMN SPEAKERS

Model

As Low As

Lafayette PA-100 100 Watt Solid State
 -PA Amplifier
 Two 30-Watt 6-Speaker Sound Column

Speakers for Optimum Voice and Music Reproduction

Choice of Deluxe Dynamic Microphones Two 35 ft. Speaker Cables

44 R 91874WXM

Above 100-watt PA system with Lafayette 99-45981 deluke dual impedance dynamic "pop proof" microphone with on-off switch and desk stand. Column speakers are 30½" H x 7"W x 3½"D. Shpg. wt., 59 lbs. No Money Down. 44 R 91841WXM Net 191.95

Same system as above except with 2 Lafayette deluxe 60-watt 6-speaker 41½"Hx7¼"Wx5"D sound column speakers instead of 30-watt column speakers, Shpg. wt., 76½ (bs. No Money Down\*.

44 R 91858WXM Some system as 44-91858WXM except with Electro-Voice 664 dynamic cardioid microphone with 15 ft. of cable instead of 99-45981 microphone. Shpg. wt., 764/2 lbs. No Money Down\*.

Net 269.95

See Page 22 for Full Credit Details on Easy Pay Plan

#### LAFAYETTE P.A. AMPLIFIER GUARANTEE

ONE Year Guarantee: All parts guaranteed against defects in material and workmanship for one year. Ship defective part to us prepaid for replacement or ship amplifier prepaid for repair



## 100-Watt Hi-Power Outdoor P.A. Systems

Consists of:

Ideal For Large Area Coverage

- Lafavette PA-100 100-Watt Solid State PA Amplifier
- 2 Electro-Voice PA30A 30-Watt Outdoor Speakers
- Choice of Deluxe Dynamic Microphones

This outstanding outdoor PA system with Lafayette 99-45981 deluxe dual-impedance dynamic "ippo-proof" microphone with on-off switch, desk stand and 6-ft, detachable cable. Microphone can also be hand held or mounts on any standard floor stand. Shpg. wt., 46 lbs.

44 R 91882WXM No Money Down\* Net 181.95 Same system as above plus 2 additional E-V PA30A projector speak-

ers. Shpg. wt., 61 lbs.

Net 229.95

Net 221.95

44 R 91890WXM No Money Down\* Same system as 44-91882WXM except with famous. Electro-Voice 664 dynamic cardioid microphone instead of 99-45981 microphone, Shpg. wt., 46 lbs.

44 R 91908WXM No Money Down\*

Same system as 44-91890WXM except with Electro-Voice 664 dynamic cardiold microphone instead of 99-45981 microphone.

Net 269.95 44 R 91916WXM Shpg. wt., 61 lbs.

Lafavette 99-45981



Model PA-100



As Low As



## 100-Watt Portable P.A. Systems with Dual Speakers

FOR THE MAJORITY OF SOUND SYSTEM APPLICATIONS... School Auditoriums, Churches, Theaters, Studios, Lecture Halls, etc.

#### Consists of:

- Lafayette PA-100 100-Watt PA Amplifier
- Two 30- Watt Heavy Duty 12" P.A. Speakers
- Choice of Deluxe Dynamic Microphones
- Attractive, Sturdy Carrying Case and Baffle for Amplifiers, Speakers, and Accessories.
- Two 35' Speaker Cables

Complete 100-Watt portable PA system as above with Lafayette 99-45981 deluxe dual-impedance dynamic "pop-proof" microphone with on-off switch, desk stand and 6 ft, detachable cable. The microphone can also be hand-held or mounts on any standard floor stand. Shpg. wt., 62% lbs.

Same as above system except with famous Electro-Voice 664 dynamic cardiold microphone with 15 ft. of cable Instead of 99-45981 micro-phone. Shg. wt.,62 % lbs.

phone, Shog, wt.,62 3/4 lbs. 44 R 91817WXM No Money Down\*

Net 219.95



## Lafayette Portable P.A. Case

- 2 Baffles In One Case
- Room For Two 12" Speakers

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 heavy duty plastic carrying handle. Covered with attractive grill cloth. Has Z hooks in each half for carrying speaker cables and provisions for mike and mike base. 4 snap locks. In addition to room for two 12" speakers, there is ample space for any amplifier and phono top measuring up to 1644Wx1134Dx10"H. 1734x1234x22"O.D. Shpg. wt., 1914 ibs. 44 R 01618WX

Only

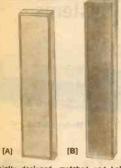


Buy Any Complete P.A. System on This Page and SAVE MONEY

183

## PA Sound Columns, Speakers, and Megaphones

### LAFAYETTE 6 SPEAKER DIRECTIONAL SOUND COLUMNS



Auditoriums. Schools, Churches Meeting Rooms

- Reduces Reverberation and Feedback **Problems**
- Concentrates or "Focuses" Sound Where Needed

Specially designed, matched and balanced speakers stacked in a vertical array, By widely directing sound in a horizontal plane cover a large audience, and by narrowing the vertical plane they reduce normal acoustic feeback and reverberation from floor and celling reflections, resulting in crystal-clear voice and music reproduction.

Lafayette 30 Watt Sound Celumn — Six 4½" speakers handle up to 30 watts power. Frequency response 200-10,000 Hz. Dispersion 120° horizontal, 30° vertical. Impedance 16 ohms. Attractive vinyl covered wood cabinet. Dimensions 31"Hx74" Wx34" D. Imported. 99 R 46146W Shpg. wt., 131/2 lbs.

Octume Lafayette 60 Watt Sound Column—Six powerful 6" speakers handle up to 60 watts power. Size: 41½"Hx7¼"Wx5"0. Frequency response 70-10,000 Hz. Dispersion 120° horizontal, 30° vertical. Handsome vinyl covered wood cabinet. Impedance 8 ohms. Shpg. wt., 2134 lbs.

99 R 46252WX No Money Down\*

## WEATHERPROOF OUTDOOR PUBLIC ADDRESS AND HI-FIDELITY SPEAKERS







E-V SONOCASTER

HI-FI SPEAKER

UNIVERSITY MLC

(A) ELECTROVOICE SOMOCASTER I Lightweight, rugged and weather-proof for extension or portable use anywhere. Special radax coaxial 8" speaker provides amazingly wide range response, 70-13,000 Hz. Ideal for use with existing stereo system, improves performance of any portable radio, record player, recorder, etc. Black molded housing similar to fine air travel luggage; can't chip, fade or peel, Accessory hangup bracket included, Molded-in handle, 8 ohms, 30 watts peak. 1644Hx17Wx5%"D. Wt. 61/2 lbs.

21 R 30300W (B) DELUXE MICH FIDELITY OUTDOOR WEATHERPROOF SPEAKER Designed to be used with outdoor home high fidelity and stereo music systems on patios, lawns, terraces, and around swimming pool music systems on patios, tawns, terraces, and around swimming pool areas. The magnificent projecting speaker consists of a special 6½" full range speaker mounted in a totally sealed, infinite baffle-type compression chamber with the speaker diaphragm driving on one plece, fiberglass reinforced polyester, folded, front loaded horn. The woofer compression chamber is made of spun aluminum. Comes with adjustable and servated "U" bracket which permits 180° variation in mounting position, Dispersion 120°; Response, 100-15,000 Hz, Power Handling 20 Watts, Impedance 8 ohms, Size: 1244"Wx946"H. Finish—Light Grey, Shpg, wt., 10 lbs.

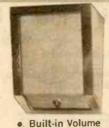
44 R 80307W No Money Down\*

(c) UNIVERSITY MLC ideal for coverage of moderate size areas or crowds—or for sound reinforcement where smooth, clean, wide range musical reproduction and even distribution are important. Fiberglass reinforced polyester housing with movable mounting bracket. Excellent reproduction from 150-15,000 Mz with a power rating of 15 watts, System has a 2000 Hz crossover, 120° dispersion, 8 ohms impedance. Dimensions: 1234Wx94wMx15%"D. Shpg. wt., 10 ths

44 R 80018W No Money Down\*

Net 46.76

### LAFAYETTE 8" 10-WATT MULTI-TAP PA SPEAKER SYSTEM



Control



70 Volt and 25 Volt Line Matching Transformer with Taps for 10, 5, 2.5, 1.25, and .625

An 8" multi-tap PA speaker completely prewired in a finished wood An 8" multi-tap rA speaker completely prewired in a finished wood baffle, ideal for any type of indoor soond system. Heavy duty speaker has 4,64 oz. Alnico magnet. Power rating: 10-walts. Transformer is mounted directly on speaker frame. Taps are 10, 5, 2½, 1¼, and ½ walts for connection to 70 volt and 25 volt amplifier output. Terminal board with screw terminals is provided at the rear of baffle for easy connections. Speaker has its own volume control for setting volume levels as desired at speaker location. Size: 11W49%,htsCt/a"D. Imported. Shpp. wt., 6½, lbs. 99 R 46310W Net 17.95

## **POWER MEGAPHONES**

### FANON MV-3 TRANSISTORIZED MEGAPHONE



· Range up to 600 Ft.

• 3 Watts Output.

Lightweight aluminum. Baked enamel finish for durability. Anti-howl damping element, Pistol grip. Hi/Lo volume switch. 5" reflex air damping element, Pistol grip. Mi/Lo volume switch. S" reflex air column. 84/2" bell. Power output: 3 watts peak — 1.5 watts rated. Range: 200 yds. Batteries: Four "D" cells (not included) give over 6 hours continuous operation. Convenient carrying strap. Size: 9" x 13". Imported. Shpg. wt., 41/2 lbs. 44 R 30260W No Money Down\*

99 R 63661W Long-Life "D" Batteries (4 req'd).

## FEOTRO POWERHOUSE TRANSISTORIZED MEGAPHONE



95 • Rustproof • Waterproof Range Up to 1200 Feet

This land and sea megaphone features all aluminum construction, superb clarify and tonal quality, a durable handy carrying strep, instant battery loading, a noise-cancelling microphone, fingertip volume control and power-packed amplification. It is capable of 5-watts output and operates off 4 optional flashlight "D" cells. The bell is protected and cushioned with a polyvinylchloride bumper rim. Finished in brilliant red and ebony black. Imported, Dim.: 744" Dia.

#### UNIMETRICS 20-WATT PORTACALL POWER MEGAPHONE



No Money Down\*

Less batteries

- Range 3600 ft.
- Red Emergency Light Blast Siren Signal

99 R 62572

Net ea.

See Page 22 for Full Credit Details on Easy Pay Plan

# PA Projectors, Trumpets, Paging Speakers and Drivers

## LAFAYETTE MINIATURE HORN PAGING SPEAKER



99 R 45080

- Mounts Easily
- 90° Dispersion Weatherproof

An excellent general purpose paging speaker of amazingly compact size, ideal for portable PA systems, patios, etc. Long-throw projection of 90° dispersion offers maximum speech intelligibility in high noise areas. Compact size enables it to be mounted anywhere in almost any position, Frequency response 400-12,000 Hz. Impedance a ohms. Power handling capacity 5 watts, 8 watts maximum. Complete with mounting bracket, 2-conductor cable. Horn diameter 516° Depth 4%". Imported, Shpg. wt., 1½ lbs.

Net 8.95

## E-V PROJECTORS AND PAGING SPEAKERS



(A) Model 848A. COMPOUND DIFFRACTION PROJECTOR—a wide range horn and driver system using two way driver plus high and low fre-quency horns coupled to both sides of diaphragm. Delivers wide angle sound with extremely low distortion. Outer horn is fabricated of fiberglass and polyester resin for strength and resistance to corro-Response: 150-10,000 Hz. Impedance: 8 ohms, Dispersion: 120°. Universal U Mounting bracket, Dimensions: 10½ x 20½ x 20°.

44 R 25641W Shpg. wt., 17 lbs. Net 60.75 (8) Model PA-12. 12-WATT PAGING SPEAKER. Fiber-polyester construction. Round reentrant design. Wide dispersion. Freq. Response: 325-14,000 Hz. Impedance: 8-ohms. Power Handling: 12-watts. Size:

742x636", Shpg. wt., 4 lbs. 44 R 25765

Net 17.40

(C) Model PA-30A, 30-WATT PAGING PROJECTOR, Rugged, high-impact horn, Rectangular horn design for maximum versatility, wide dispersion. Smooth response for both voice and music: 250-14,000 Hz. 30 watts, 8 ohms. Dispersion: 120° x 90° EIA sensitivity rating 59 db. 11H x 61/2W x 81/2"D. Shpg. wt., 63/4 lbs. 44 R 25153

Net 25,50

## UNIVERSITY PAGING/TALK BACK SPEAKERS



Compact sized, weatherproof, highly efficient speakers for all PA fixed and mobile installations. With patented "Omni-Lok" swivel mount—quickly converts for fitting to ½" pipe.

Model MIL-AB Response: 350-13,000 Hz. Impedance: 8 ohms. Ideal for low power systems requiring high efficiency, Handles 10 watts. Dispersion: 120°. Size: 71% x 6%". Shpg. wt., 344 lbs.

Model IB-A8. Ideal for fill in applications in high power sound systems and as the main speaker in low to moderate power systems. Response: 250-13.000 Hz, Handles 30 watts. Impedance: 8 ohms. Dispersion: 90° Size: 10 x 944°. Shpz. wt. -4¾ ibs.

44 R 80174 Shog. wt., 11/4 lbs. Lafayette Supplies Public Address Equipment at Low Prices

## LAFAYETTE PA DRIVER UNITS



25 Watt Driver

40 Watt Driver

Hermetically sealed weatherproof driver units, Recommended for all type of PA work and industrial requirements. Wideexcellent reproduction of voice and music. Will fit all trumpets and projectors. Impedence 16 ohms.

Stock No.	Response (Hz)	Size	Watts	Shpg. Wt.	Net
99 R 45072	120-7100	4 x 3¾	25	2¾ lbs.	11.95
99 R 46260	80-12,000	4½ x 4	40	3¾ lbs.	16.95

## UNIVERSITY WEATHERPROOF REFLEX TRUMPETS



As Low As

Ideal for use with Lafayette PA Drivers

Highly efficient air column directional reproducer to give maximum intelligibility in areas of high noise level. Design of units listed below provide optimum sound distribution pattern, increases sound intensity along speaker axis dependent upon diameter of horn, Made of heavy gauge spun aluminum, weather proof, gray finish. With universal "U" type mounting bracket, less driver unit, Type GH: 85 Hz cut off for music. Types LH and PH: 120 and 150 Hz cut off for general use, Type SMH: 200 Hz cut off for voice only.

Stock No.	Model	Dlam.	Lng.	Air Col.	Wt.	Net
44 R 80125WX	GH	30 %"	27%**	41/2"	23¼ lbs.	65.85
44 R 80133WX	LH	25 %"	19"		19¾ lbs.	42.30
44 R 80141W	PH	20 %"	15¾"		11¼ lbs.	30.63
44 R 80158W	SMH	16 %"	12"		8 lbs.	26.30

## ATLAS MOBILE PA MARINE AND CB SPEAKERS





AS LOW AS

Model MO-1 Weatherproof speaker with special, rigid, one-piece cast brarket for fall-sale use on vehicles or boats. Concealed wiring and special one-piece horn discowage tampering. High efficiency for use with mobil radio transceivers ideal for shipboard cabin-top mounting. Power: 25 watts, Impedance: 8 ohms. Response: 300-13, 000 Hz. Dispersion: 130°. Size: 71/4" bell diameter, 63/6"D. Shpg. wt.,

44 R 10346 No Money Down\* Model Mo-2 Compact, weatherproof mobile communications speaker with welded steel bracket for concealed, limited space use in vehicles or on boats for bulkhead or cabin-top mounting. Power: 25 watts. Impedance: 8 ohms. Response: 300-13,000 Hz. Dispersion: 130°. Size-654Wx8Hx4%\*\*/D.Shpg. wt. 5¾ lbs.

44 R 10353 No Money Down\*\*

Net 30.84

### UNIVERSITY LINE MATCHING TRANSFORMERS

Model 5433—30 watt. Primary 45/165/200/250/1000/2000 ohms; secondary 4, 8 and 16 ohms; 70 volt line taps 30/25/20/10/5/2.5 watts. 1¾ x 2½, x 1½, x 1½, 2½, centers.

44 R 80166 Shpg. wt., 31/4 lbs. Model 5434—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% x 11% x 11%; 2" centers.

> 185 Lafayette Cat. No. 720

Net 5.60

# LAFAYETTE PA Speakers — Lowell Baffles

## LAFAYETTE CEILING BAFFLE with SPEAKER

 Wide Range Hi-Fi Response

 Measures Only 21/4" Deep

 12 oz. Magnet Structure



The perfect speaker to furnish music or paging throughout your The perfect speaker to furnish music or paging throughout your home, office or factory, this unique celling and wall baffle speaker offers line audio reproduction. Highly attractive mint cool green-beige color that blends harmoniously with any ceiling or enclosure. Only 24.7" deep with its own metal baffle plate, it easily mounts in any wall, ceiling, closet or ordinary wood enclosure. Two are perfect for stereo, Voice coil is 1" Dlam, Frequency Response: 90-9,000 Hz. Impedance: 8 ohms, Overall size including metal baffle is 94.7". Requires 6%" wall cutout, imported, Shpg. wt., 3 ibs. 99 R 45056

Net 6.95

## **UTAH OM-10 OMNI-Directional** 8" WALL/CEILING SPEAKER

• 8" Wide Range Speaker

 Radiates Sound For a Full 360°

Fasten to celling or hang on wall. Will not overpower people directly in front or under speaker. Handsome walnut grained baffle. Supplied L-Pad type control and all necessary hardware. Impedance: 8 ohm. Power 8 watts (15 watts peak). Size: 11 x 11 x 4½". 44 R 20030W Shpg. wt., 4 lbs. Net 15.95



## LAFAYETTE PA SPEAKERS

8" PA SPEAKER

Handles 20 Watt Peaks

The 8" favorite of professional sound installers; with 5.5 oz. ceramic magnet and 3/4" voice coil. Magnet assembly bonded with RF-cured epoxy, can't shift. Internal magnet seal for added dependability. Handles 10-watts program, 20-watts peak, Impedance, 8-ohms. Only 24% deep, fits inside walls. A popular speaker at a popular price.

44 R 01030 Shog, wt., 21/4 lbs.

**O** 95

12" PA SPEAKER

Handles 36 Watts Peaks

Highly efficient magnet and voice coil combination for maximum sound output per watt; 10 oz. ceramic magnet and 1" voice coil. Magnet assembly bonded with RF-cured epoxy, can't shift. Internal magnet seal for added dependability. Handles 18-watts program, 36-watts peak, Impedance, 8-ohms. 4%4" deep. Shpg. wt., 5 lbs.

44 R 01022 W Net 8.95

DELUXE HEAVY DUTY 12" PA SPEAKER Handles 60 Watts Peak

High Power handling ability for large installations. Tough industrial type 1½" voice coil. 20 oz. ceramic magnet for excellent efficiency. Accepts all popular line-to-voice coil transformers. Power handling 30 watts (60 watts peak). Imp., 8 ohm. Overall Diameter 12½". Depth 45%". Shpg. wt., 7 lbs. 44 R 01600W Net 12.95



## LOWELL PA SPEAKER BAFFI

## FLUSH-MOUNTING PLASTIC BAFFLES







Decorative high impact Styrene plastic baffles: White finish. Light-weight and durable—will not fade, chip or mar—Model ADS80-P has full 360° dispersion. Self-tapping speaker mounting screws sup-

Stock No.	Туре	Description	Wt.	Het			
44 R 50144	ADS80P	For 8" ceiling Spkr 10x10"	10 oz.	2.96			
44 R 50151	CR80P	For 8" ceiling/wall Sokr 10x10"	8 oz.	1.43			
44 R 50169	1.35P	For 31/2" intercom Spkr 41/4x7"	S oz.	.94			

## STEFL RECESSED BAFFLES





Popular steel style grills with enduring baked on white enamel finish. All grills have 4 studs on rear to mount speaker. For 8" speakers. All hardware is furnished.

Stock Ne.	Туре	Description	Wt.	Met
44 R 50201 44 R 50219		For 8" Ceiling Speaker 13¼" dia. For 8" Ceiling Speaker 12" dia.	1 1/4 lbs. 23/4 lbs.	2.53

### FLAT TILE TYPE PANEL BAFFLE

Type M8—Square steel type. Designed to match and replace standard 12 x 12 x 1/2" acoustic tile blocks. Permits a completely hidden speaker system — for 8" speaker mounting hardware is furnished—Baffle is rinc chromate undercoated and finished in flat white lacquer 12 x 12 x 1/2". FOR PROPER ENCLOSURE SEE ENCLOSURE LIST-44 R 50193



## RECESSED ALUMINUM BAFFLES





RS and AL ceiling baffles are ideal for installation in homes, offices, restaurants, etc. Spun aluminum material has lacquer protected satin finish. Model AL features diffuser come for full 300 sound dispersion. REQUIRE PROTECTIVE SPEAKER ENCLOSURES (TYPE CP AND XCP LISTED BELOW).

Stock I	No.	Type	Description	Lbs.	Net
44 R 5	0011	RS-6A	For 6" speaker 10% x 7%4"	3/4	2.53
44 R 5	0029	RS-8A	For 8" speaker 1238" x 1/2"	1	2.50
44 R 5	0037	RS-8A	Same as above but wh, enam,	1	2.50
44 R S	0045	RS-12A	For 12" speaker 161/2" x 1/2"	134	3.85
44 R 5	0052	AL6A	For 6" speaker 1042" Dia.	3/4	5.06
44 R 5	0060	ALBA	For 8" speaker 12% " Dia.	1	8.66
44 R 5	0078	AL12A	For 12" speaker 1634" Dia.	2	10.95

#### PROTECTIVE MOUNTING ENCLOSURES

Protect against damage from falling mortar, dust, rodents, etc. 22 ga. steel welded con-struction. Exteriors are rust-proofed with Struction. Exteriors are rust-proored with zinc chromate; interiors are heavily under-coated to prevent resonance. CP series used for new construction, XCP for existing ones, P875X for either. Shpg, wt.: Types CP1012, XCP1012—8 lbs.; CP84, XCP84, P875X, CW-8—3¾ lbs.; CP-6, XCP—2½ lbs.; P22X—1 lb.

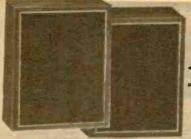


Si	tock No.	Type	For	1.9.	0.D.	Depth	Net
44	R 50086	CP-6	ALG-A. RSG-A	756"	1114"	434"	3.67
44	R 50094	CP84	AL8-A, RS8-A, M8	856"	131/6"	436"	4.21
44	R 50102	CP1012	AL12-A. RS12-A	1245"	171/2"	73/6"	8.45
44	R 50110	XCP6	AL6-A, RS6-A	75%"	101/6"	41/6"	3,68
44	R 50128	XCP84	ALB-A, RS8-A, MB	854"	1134"	436"	4.07
44	R 50136	XCP101:	2 AL12-A, RS12-A	1256"	16"	71/8"	9.32
44	R 50177	P875X*	AL8-A, RS8-A, M8,				
			ADS80-P, CR80-P	_	_	356"	3.76
44	R 50185	P22X**	L35P		_	2"	3.05
14	R 50227	CP-200	CW-8	10"	131/2"	5"	5.71
	Cire 234v	83/4"	##Ciza El/avA"				

# **Extension, Outdoor, and TV Remote Control Speakers**

Only

95



Deluxe LAFAYETTE "DECORATOR TYPE" EXTENSION SPEAKER SYSTEM

- Powerful 61/2" Wide-Range Speaker
- · Handles Up To 6-Watts Music Power
- Handsome Oiled Walnut Wood Enclosure

Our fifest quality extension speaker system. Powerful 6½° rich sounding wide-range speaker is housed in a handsomely styled oiled walnut wood enclosure with a decorative black grill cloth. You can enjoy fine hi-fi music everywhere in your home as well as enhance the decor of your home. Use 2 for stereo or place these systems in every room of your house. Also ideal for use in background music systems in offices and restaurants. Handles up to 6-watts. Impedance 8 ohms. Size: 742W x 944H x 544"D. Wt., 51/2 lbs. imported. 99 R 02032W 10.95

### LAFAYETTE OUTDOOR 8" PATIO SPEAKERS



As Low As

- Weatherproof-Waterproof
- Freq. Response: 40-15,000 Hz
- 5.5 oz. Ceramic Magnet
- Peak Power 20 Watts

Relax with music outdoors at patio, porch or poolside. Prewired with 25' cable for easy connection to radio, phono or hi-fi system. Unaffected by dampness or rain. Durable steel enclosure with baked-on finish. Convenient, step-saving volume control. 8 ohms; 20 watts peak; 40-15,000 Hz.: 10%x10%x5%"D. Shpg. wt., 7 lbs.

DELUXE VERSION of above with heavy-duty speaker featuring 10 oz. ceramic magnet and co-axially mounted high-frequency cone for 35-19,000 Hz response, 15 watts normal, 30 watts peak.

44 R 33066 W Shpg. wt., 71/4 lbs.

### MISCO WEATHERPROOF SPEAKERS



As Low As 772

• 31/2" and 8" Models

 Gimbal Type Mounting Bracket · For Patio, Paging, or Mobile **Applications** 

Model MS-3-3BB. Compact, weatherproof, dustproof, Ideal for use in mobile communications, for intercom paging, and as an extension speaker. Can be immersed in water. Power rating 3-watts. Resp: 100 to 10.000 Hz; 8 ohms imp. 41/2 x 41/e x 23/6 with bracket. Wt., 13/4 lbs. 44 R 52017 Net 7.72

Model MMS-8F. Similar to above but with 8" speaker. Power rating 8 watts. Resp: 70-13,000 Hz. 9 x 9 x 41/4". Shpg. wt., 71/4 lbs.

Net 14.65

#### LAFAYETTE EXTENSION SHELF SPEAKER SYSTEM



Attractive Walnut Finished

tideal as an extension speaker for your den, basement, hitchen or bedroom. Use two for stereo or with your Y and Radio. Housed in a beautiful walnut finished wood cabinet. 5-watf 4 x 6" speaker is designed to work from either 4- or 8-ohm output. Supplied with 25 feet of cable. Size: 94/2 x 73/4 x 3/4/70. Imported. Shgg. wt., 3 lbs. 99 R 45502

LAFAYETTE 4" PAGING

SPEAKER SYSTEM

ideal as an extension speaker for your den,

**Wood Cabinet** 

#### LAFAYETTE EXTENSION WALL SPEAKER SYSTEM



Only 95

6" Speaker Oiled Walnut Wood Finish Volume Control

Only

95

Fine sounding and hanosome looking extension speaker system with brackets for hang-ing on any wall. Outstanding tonal quality from a wide-range 6" speaker makes it ideal for HI-Fi extension speaker use, Features volume control. Excellent for P.A. and paging. 9%H x 9%W x 4"D. Imp: 8 ohms, Im-

99 R 45494 Shpg. wt., 31/2 lbs. Net 8.95 MINIATURE 2-WAY REMOTE CONTROL TV SPEAKER

#### LAFAYETTE DESK TYPE EXTENSION SPEAKER SYSTEM



 Walnut Decorator Baffle with Cane Grille

Versatile extension speaker suitable for desk or shelf use. Attractive tri-angular shaped, oiled walnut finished cabinet. Powerful 4 x offed warner instelled confect. Tower 14 x 6" oval speaker provides fine tone. Complete with volume control and 22 ft. of wire. Impedance 8 ohms. Size: 734W x 5V4H x 5V4H x 5V5/2"D (at the base). Imported. Wt., 2 lbs. 99 R 01216

#### DELUXE 2-WAY REMOTE CONTROL TV SPEAKER



 Includes 25-Ft. Speaker Cable With

For use in multi-speaker low power paging systems, intercom systems, auxiliary bench speaker, etc. 4" PM speaker with heavy magnet. Mounted in 2-tone walnut and black wood baffle. The baffle has sloping-front and enclosed-back acoustic construction and has a built-in jack for plug-in connection of the 25' cable and plug supplied. Speaker voice coil is 4 ohms. Size: 5W x 5\/40 x 3\/40". Imported. Shop, wt., 1\/2 ibs.

99 R 45510 Net 4.95

 Control Both TV Set Speaker and Remote Speaker From Your Armchair

Fine quality built-in speaker makes it perfect for use as a remote TV speaker anywhere in your home or office. Dual controls for listening to TV speaker only, remote speaker only, or both speakers together. Attractive molded cabinet measures 4W x 2%H x 134°D. Complete with 20-ft. of 4conductor cable, Imported, Wt., 3/4 ib., 99 R 45486 Net



Only

 Control Both TV Set Speaker and Remote Speaker From Your Armchair

A large 4 x 6" full-range speaker mounted in a larger cabinet for improved tonal qual-ity. With 2 fader controls so that you may listen to either the TV speaker, this remote speaker, or both blended to the volume level you desire for each, fou can turn off volume on both speakers without turning off the set. Attractive walnut finished cabinet which measures 934L x 634H x 334"D. Complete with 20' of cable. Imported. Shpg. wt., 3 lbs. 99 R 45965 Net 7.95

Depend on Lafayette For Complete Stocks, Lowest Prices, Fastest Service

## MIXERS-PREAMPS-EQUALIZERS

### LAFAYETTE TRANSISTORIZED STEREO/MONAURAL MIKE MIXER



 $\mathbf{0}95$ 

• Up to 4 Input Channels

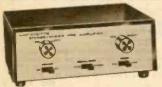
· Matches High Impedance Mikes

In monaural position, can be used to control up to four different signals into a single output. In the Stereo position, it can be used to feed two separate signals into each of the left and right outputs. Each mike control independent of the other, permits fading of one input while increasing others. Controls high impedance microphones, recorders, phonographs or tuners. Output jack fits standard RCA type phono plugs. Inputs are standard 2-conductor phone plugs. Less battery. Size; 6W x 2½H x 3½°D, Imported.

99 R 45635 Shpg. Wt., 1½ lbs.

Net 9.95

#### LAFAYETTE SOLID STATE STEREO MIXER/PREAMP



99 R 60212 Battery for above

Net .29

"All-Transistor" stereo-mixer/preamp! For use with any power amplifier not incorporating low-level inputs for magnetic cartridges, tape heads and low-impedance microphones. Raises the output of any low level source without affecting the signal-to-noise ratio. Features: 2-mike, 2-phono, 2-tape inputs, volume controls for left/right channel; equalization switch; power off/on switch; mode switch; built-in 99 DC power supply, or operates off 117V 50/60 Hz AC. Input impedance: 50K ohms. Output impedance 5K ohms at max. vol. Size: 2½-zkx/Wx5½-2"D. With battery. Imported.

99 R 01786 Shpg. wt., 2½ lbs.

99 R 01786 Shpg. wt., 2½ lbs. ... 99 R 60212 Replacement Battery Net .29

### BOGEN MODEL MX6A-T MIXER — PREAMPLIFIER



4 Mic and 2 Phono Inputs

FEATURES: Any 4 channels may be used simultaneously, each individually controlled for mixing and fading. Connects to high impedance radio/phono input of any amplifier, tape recorder or microphone. SPECIFICATIONS—OUTPUT VOLTAGE: 2 Volts and .04 volts at 0.5% distortion; FREQUENCY RESPONSE: 50-20,000 Mz ± 2 db; GAIN: Mic —60 db, phono —20 db; HUM: —68 db below 5 volt; OUTPUT IMPEDANCE: 2200 ohms; CONTROLS: 2 Mic volume, 2 Mic or phono volume, on-off; SEMICONDUCTORS: 6 transistors, 2 diodes (all silicon); POWER CONSUMPTION 1.2W at 117 VAC, 50-60 Mz; DIMENSIONS: 91/4 x 6 x 25/6". Shpg. wt., 53/4 lbs. 44 R 12201 No Money Down\* Net 52.45

### SHURE LEVEL-LOC CONTROLLER



5000

MODEL M62V "Level Loc" Audio Level Controller, now with a variable MODEL M627 "Level Loc" Audio Level Controller, now with a variable input level control. Automatically locks the volume level of a sound system, virtually eliminating annoying volume changes, blasting, fadeout, etc. Level is predetermined by setting a single switch. Frequency Responses: 20:20,000 Har-1-2 db. Input Impedances: 100K and 500 ohms; output approximately 500 and 10 ohms, Cannon-type connectors. Gain: low Imped. Input to low output is 0; to high output is +22; high Imp. Input to low output is +22; to high output is 0. Battery operated, 2½ x 11½ x 5¼". Shpg. wt., 4 lbs.

Complete with battery, 44 R 75976 No Money Down\* Net 60.00 99 R 60212 Extra 9 volt battery Net

#### LAFAYETTE TRANSISTORIZED MIKE MIXER



- Up to 4 Channels Matches High Impedance
- Microphones Modern Solid State

Mixer controls high impedance signals from mikes, phonos, corders or tuners. Standard 2-conductor phone inputs, st RCA type phono pin plug output, 9 volt battery. Imported.

99 R 45353 Monaural Mixer Shpg. Wt., 11/2 lbs.. Net 5.60 99 R 60212 Battery for above Net .29

#### SHURE MICROPHONE MIXER



The Shure M68 is a fully transistorized professional mixer providing for the utmost flexibility in use. It has four microphone channels plus an auxiliary channel. There are five gain controls (an individual one for each channel) plus a master gain control. There is instantaneous and Independent selection of high or low impedance on each of the microphone inputs, Male Cannon-type input receptacles, Outputs to match high or low impedance microphone inputs or high imp. high level auxiliary input. Size: 2% x 11% x 5%4"

44 R 75588 No Money Down". Shpg. wt., 53/4 lbs. .. Net 84.00 MODEL M68FC. M68 above but with female Cannon-type receptacles. 44 R 75851V No Money Down\* Net 90.60

REVERBERATION MIXER
MOOEL M68RM. Similar to M68FC above, except has built-in adjustable intensity revert for special effects. Master volume control. Four inputs, and can be combined with M68 or M68FC for more inputs. Jack for use with remote reverb. 28 VDC jack. 40-20,000 Hz. Size: 2½ x 13½ x 5½". For 105—130 volt AC, 50/60 Hz. 44 R 75877Y No Money Down\*, Shpg. wt., 8 lbs. .. Net 117.00

#### SHURE STEREO MICROPHONE MIXER



Model M688. Designed for use with stereo tape recorders and sound reinforcement systems, it has four dual impedance microphone inputs—three switchable to either left or right channel and the fourth with a pan control. Individual volume controls plus a stereo master volume control. Mono/Stereo switch. Stereo high impedance, high level outputs. 120 VAC or 30 VDC operation. Shpg. wt. 7 lbs. 44 R 76115 No Money Down\*

#### SHURE AUDIO MASTER



MODEL M63. For maximum control flexibility with any high level input source. Works in conjunction with the Shure M68 Series of mixers. Provides the means for correction of room acoustics, to reduce feedback, to provide special sound effects, for recording, to reduce stand and stage noise, etc. Has VU meter to monitor audic level. Five types of outputs: 600 ohm balanced line, high impedance high level, high and low impedance microphone levels, and headphone jack for monitoring. Variable high pass and low pass 6 db per octave filters, Bass and treble tone controls. Two 30 VDC jacks and an AC receptacle. Frequency Response: 20-20,000 Mz. Stez: 2½ x 11% x 5¾. For 105-130 volts, 50/60 Mz. AC or 30 VDC. 44 R 75844 No Money Down\*. Shpg. wt., 43/4 lbs. Net 96.00

See Page 22 for Full Credit Details on Easy Pay Plan

Microphone Stands — Booms — Connectors ATLAS MICROPHONE STANDS AND BOOMS



Model MS-10C Full Grip Mike Stand, Economical mike stand featuring "Full-Grip" clutch mechanism for fast quiet adjustments without slipping and wear. Functionally designed base assures maximum stability and includes self-leveling, shock-absorbing pads plus 3 "anti-tip" points. Full chrome plated tube assembly. Terminates in a 36"-27 thread. Base dia. 10", finished in gray shrivel. Height adj., 35 to 53". Shgg. wt., 1034 lbs.

44 R 10031W Model MS-12C, As above but heavier and tube extends to 62" 44 R 10049 Shpg. wt., 1114 lbs. Net Net 9.50

Model MS-11C. As above but with full chrome finished base. 44 R 10056 Shpg. wt., 10 lbs. Ne Net 11.58

MODEL CS-52, Handsome, slim, low profile 15" gray base with chrome tube. Height adjusts from 34 to 62". Shpg. wt., 10 lbs.

44 R 10312 Model MS-125 "Sleeve-Action" Mike Stand, New mike stand featuring a fully automatic means of height adjustment. To lower the stand, just press on the "Sleeve Action" control. To raise the stand, any point on the tube can be grasped. Quiet and smooth action. Ht. 39 to 62". 10" dia. gray base, chrome tube. %".27 thread. 44 R 10064 Shpg. wt., 944 lbs. Net 19.20

44 R 10064 Shpg. wt., 914 lbs.

Model CS-32 Demountable Stand, Revolutionary in design, this mike
stand is fully collapsible to fit in amplifier or speaker-carrying case.

Saftjaveling legs are skid-proof. Features "Fulltools needed. Self-leveling legs are skid-proof. Features "Full-p" and "Velvet Action." Adjustable from 36 to 64 in. Fully chrome ted. %".27 thread. Shpg. wt., 5¼ lbs.

44 R 10072 Model CS-33. As above but with ht. adj. of 26-64", Collapses to

221/2". Shpg. wt., 43/4 lbs. 44 R 10080 Net 12.98

MS-25-Professional stand, featuring "Safety Air Lock Cushion." Prevents accidental slippage of telescoping section, smoothly lowers on cushion of air. Grey and chrome base. Ft. adj. From 38" to 67" Oversize chrome tubing with 56"-27 adapter. Shpg. wt., 281/4 lbs. 44 R 10288 Net 24.00

DS-14-Contemporary motif desk stand. Sults elongated, slim mikes. Gun metal, shavel base with protective felt pags. 3" polished chrome upright tube with 58"-27 thread. Shpg. wt., 13/4 lbs.

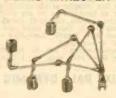
44 R 10296 Model DS-5, "Yelvet Action" Desk Stand, Same quality as floor models. Base dia, 6", Gun metal sbrivet finish, Fixed ht, 4", 44 R 10098 Shpg, wt, 2¾ lbs. Net 2,99 Model DS-7, Like DS-5 but with ht, adj. 8 to 13", Shpg, wt, 3 lbs, 44 R 10106 Model TS-8, Adjustable Stand, A decorative and fine appearing stand

sultable for use on a banquet table. Features quiet "Full Grip, Velvet Action" control. Adjustable from 1442" to 26". Base diameter 8". Fully chrome-finished base and tube assembly. Shpg. wt., 5% lbs. 44 R 10114

Model BS-36, Professional boom stand, Has removable 62" boom with gyromatic swivel joint to keep mike positioned. "Safety Air-Lock gyromatic swivel joint to keep mike positioned. "Safety Air-L Cushion" eliminates slippage. Super-chromed tubes adjust 48" 72". Chrome and gun metal base. Shpg. wt., 29 lbs. 44 R 10122W No Money Down\*

Model BS-36W, Same as above but with swivel casters, Wt., 361/4 lbs.
44 R 10338W No Money Down\* Net 67.80 Net 67.80 Model 88-1, "Baby Boom" Attachment, Use with any mike stand, 32" long. 56"-27 thread. Chrome plated. All swivel parts are precision die castings. Shpg. wt., 41/4 lbs. 44 R 10130

## FLEXO MIKESTER



Model 1. Versatile mike stand with an extremely flexible arm, providing wide range of adjustment. Swings out 36" in any direction, Ideal for use in radio broadcast or recording studios, offices, airport, switchboard, theatres, night clubs. schools, hotels, Handles any mike up to 4 lbs, in weight, Clamps or screws to any horizontal or angular surface up to 3" thick. Shpg. wt., 6 lbs.

Net 19.95

PORTO-STAND . All-In-One Microphone Stand-Baby Boom-Cable **Q**16 Hanger-and Carrying Case Professional portable microphone stand-boom combination elimin-

Professional portable microphone stand—boom combination eliminates time and frouble involved in assembling and disassembling. Once assembled, 2 bock-on connectors provide instant detachment of boom and microphone from stand. Complete stand and 31" baby boom fit into the rugged black vinyl carrying case. Stand has fully chromed tube section with a "full grip" clutch assembly for quick, silent height adjustments without slipping. Height range is 34"-62". Tipproof 10"-12 lb. base assures excellent stability. Shpg. wt., 1942 bs. Net 29.16

## FLEXIBLE GOOSE NECKS



Model GN-13 Goose Neck. 13" long for com-plete adjustment of mike 5/8"-27 thread. Chrome finish. Shpg. wt., 10 oz. 44 R 10262 Model GN-19. As GN-13 but 19" long. Shpg.

wt., 11/4 lbs. 44 R 10270 Net 3.35

Mike Flanges And Extension Rods, For neat and permanent mounting. Fits %".27 mikes, Base dia., 11/4"
Extension rods, male on both ends, Av. shpg. wt., 5 ozs.

ACCESSORIES 44 R 10155 AD-12 Male Flange 44 R 10163 AD-11 Female Flange 44 R 10171 AD-8 6" Ext. Rod Net .92 Net .90 Net .83 Wt., 10 oz. Mike Adapters. For adapting special fittings. AD-1 %6"-27 female to 1/2" male thread (RCA) 44 R 10189 Net .83 AD-2 1/6" fer 44 R 10197 lemale pipe to %"-27 male .62 Net AD-4 34" long 36"-27 male running thread 44 R 10213 Net A0-5 % 27 female to % -27 female coupling Model SW-1 Gyromatic Swivel, Permits any mike to be locked at any angle. %"-27 thread. 41/2" long. 44 R 10247 Net 4.47 Model SQ-T "Snap-On" Mike Attachment, Quick and safe. For all mikes and stands, Two "Snap-On" sections.

44 R 10254

Model LO-2 "Lock-On" for quick disconnect of mike from stand. Positive lock when on stand, pushbutton release.

Net 2.15 44 R 10023 Net 3.15 Model CO-1. Connect-on 360° swivel attachment, Mounts

instrument or second microphone to mike floor stand or to table or desk top. Shpg. wt., 8 oz. 44 R 10437 Model TM-1. Twin microphone mount for installation two or three microphones on mike stand, podlum or fec-

tern top, Shpg. wt., 8 oz.







# **Dynamic Microphones**

### LAFAYETTE'S REVOLUTIONARY "DCD" DUAL CARTRIDGE HI-FI DYNAMIC

- Wide-range Frequency Coverage by 2 Independent Cartridges
- Quick Adaption for Floor Stand or Hand-Held Use

Lafayette's "DCD" high impedance (50K ohms) dynamic incorporates Larayettes Duringt impedance (30x olims) optimits incorporates a new engineering concept designed to overcome the limitations on high quality wide frequency response imposed by ordinary single cartridge microphones. The "DCD" has 2 Independent cartridges, one each for the high and low frequency ranges in a carefulfy engineered acoustic design. Response is 50 to 15,000 Hz. Dutbut is —56. db. Pattern is omnidirectional. Has non-inductive transformer —56 db. Pattern is omnitoriectional. Has non-inductive transformer to eliminate effects of external alternating fields. Dn-Diff silde switch, Die cast body is finished in satin-black and gleaming chrome. Black metal desk stand. Comes with adapter for mtg. on desk stand or floor stand and 54" detachable cable. Sizes: mike 6½LX1½"0.D.; base 4½" diam. Imported. Shpg. wt. 2 lbs. 99 R 45973

Net 17.95

#### LAFAYETTE DUAL IMPEDANCE DYNAMIC MIKE

- Designed Specifically for High Quality PA Applications
- Omni-directional Pattern at all Frequencies

A superb dual impedance, omni-directional Dynamic microphone. Designed for high quality PA applications. Superior anti-feedback properties, Allows close talking without boom or bass accentuation. Features pop-proof wire mesh grille. Special filter minimizes wind effect. Attractive chrome plated frame of modern design. Equipped with on-off switch. Freq. Response 100-10,000 Hz. Sensitivity. —580b at 30K. Mylar diaphragm for "pop" and "blast" proofing. Dual impedance may be shifted from high impedance to 250 ohm low impedance by means of a cable connection. Mike tiltable thru 90° arc. For all standard 36".27 stands. Size: 742.1142 Dia. With 20 ft. detachable cable with mike plug at one end. Imported. 99 R 45460 Shpg. wt., 31/4 lbs.

#### LAFAYETTE MODERN DYNAMIC

- Dual Impedance
- Omni-directional

A lightweight non-directional dual impedance: (High 50K; Low 250 A nightweight non-directional dual impedance: (High 50K; Low 250 ohms) selectable at cable with a fine response of 100-10,000 hertz. Output —60 db. For use either as hand-held or on any standard 5%-'27 desk or floor stand. Adapter supplied, Has 20 ft, detachable cable with mike plug, On-off slide switch, Tapered metal case finished in satin-black and aluminum, Size: 7tx136" diam, Wire mesh grille for protection against "pop" or wind blast. 99 R 46039 (less stand). Imported. Wt., 14 lb. Net 10.95 Heavy metal desk stand for above, Dlam. 34". Shpg. wt., 14 lbs. 99 R 45999 Shpg. wt., 1 lb. Net 2.49

## LAFAYETTE DELUXE BALL DYNAMIC

- Dual Impedance
- For High Quality PA and Recording
- · Complete with Stand

The most modern design features dual impedance; high (50K ohms) or low (250 ohms) selectable at cable end, Pattern is omnidirectional. Output at high impedance is —59 db, Frequency response is 100-10,000 Hz, Has on-off switch, Ball screen insures against "pop" and wind blast. Die cast case is 642" long. Max, diam. of ball 2½%; Finished in satin aluminum. 6 ft. detachable cable with mike plug at one end. With black metal desk stand and adapter for any standard %"-27 stand. An excellent general purpose mike.

99 R 45981 Imported, Shpg. wt., 23/4 lbs.

#### LAFAYETTE PA DYNAMIC MICROPHONE

- Press-to-Talk
- Integral Desk Stand
- Dual Impedance

Ideal for public address work, Integral desk stand has press-to-talk switch with optional locking feature. Dual Impedance: 50K ohms and 20 ohms. Dynamic with omni-directional pattern, output of —60 db and frequency response of 50-9,000 Hz. Metallic green finish. 7 ft. cable. Size: 7%H; base 5½Dx3%"W. Imported. Shpg. wt., 2½ ibs.

# **Dynamic Microphones**

## LAFAYETTE ENTERTAINERS MIKES

For Musical Instrument Amplifiers

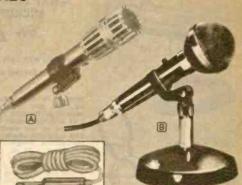
## A CARDIOID DYNAMIC MIKE

A superb dynamic mircophone designed for applications where location of performer in relation to speakers causes feedback and reverberation. Wighly directional cardioid pattern, Dual impedance: 50K or 600 ohms, selectable by switch, Response: 100-10,000 Hz, Mylar diaphragm, On/off switch, Modern design, satin chrome finished die-cast case, For hand-held or stand use, Size: 3/4.11/2\*D head. With swivel stand adapter and 20 ft. detachable cord with phone plug at other end. Imported. Shpg. wt., 13/4 lbs. 99 R 46294

## DELUXE BALL DYNAMIC MIKE

For Hand and Stand Use

Modern design features dual impedance—High 50K ohms, or low 250 ohms. Omni-directional, 100-10,000 Mz, Has on-off switch. Ball screen insures against "pop" and wind blast. Die-cast, finished in satin aluminum. Size: 6¼" long, max, diam. of ball 2½". Complete with detachable 20 ft, cable and phone plug. Black metal desk stand and adapter for any ¾". 27 floor staud. imported. Shpg, wc., 3 lbs. 99 R 46203



## LAFAYETTE PA DYNAMIC

An excellent general purpose dynamic microphone for Pa and paging, etc. Designed for flexibility in use, it may be hand-held, mounted on any ½-27 stand. Frequency range 100-10,000 Hz. Output —58 db, high impedance (50K ohms). Omnidirectional pick-up pattern. Has on-off silde switch. Gleahing black body with chrome head. Tapered body size 644" long, max. O.D. 114". Complete with 4½ ft. detachable cable with mike connector, adapter for stand mounting. Imconnector, adapter for stand mounting. Imported. Shpg. wt., 11/2 lbs. 99 R 46369

## LAFAYETTE DYNAMIC PA MICROPHONE W/SWITCH

The perfect companion microphone to the solid state mobile PA ampirifier. Features a high impact styrol case, hang-up clip and flexible single conductor shielded cable. Omnidirectional pattern mike has output impedance of 300 ohns and output level of —73 db at 1000 cps. Frequency Response: 300-2500 cps. Grey and black case with push-to-talk switch. Imported. Shpg. wt., 34 lb. 99 R 45775

## LAFAYETTE 3-WAY DYNAMIC

Uni-directional microphone has cardioid pat-Uni-directional microphone has cardioid pattern. Excellent for general use wherever feedback or unwanted pickup Is a factor. May be hand-held, slipped into its own desk stand or used on lavalier cord. Frequency response 200-10,000 Hz., output —61 db. High impedance (50K ohms). Case is high impact plastic finished in blue and gray. Chrome plated desk stand. Really "flyweight" mike measures only 3%-"Lxi" max. dlam. Complete with 5 ft. cord, stand and lavaller rord Imported. Shop wit 16 lb. lavaller cord. Imported, Shpg. wt., 1/2 lb. 99 R 45866



LAFAYETTE HEAVY DUTY DYNAMIC



100-10,000 Hz High Output

An especially rugged dynamic microphone An especially rugged dynamic microphone featuring a wide response of 100-10,000 Hz. and output of —55 db. High impedance (50K ohms). Omnidirectional pattern. On-off silde switch. Very heavy die cast case. Finished in satin chrome. Mounts on any standard %6"-27 stand. Size: 4"HxIxI. With 18 ft, detachable cable with mike plug on one end, imported. Shpg. wt., 2 ibs.

99 R 45908

#### LAFAYETTE VOICE-ACTUATED MICROPHONE

Microphones

· Also Operates As **Remote Control** Dynamic



Allows a transistorized portable tape recorder to start automatically when sound is
picked up by the microphone and stop a few
seconds after the sound stops. Designed for
recorders having a "Remote" jack for remote Start/Stop switch equipped microphone. Has electronically controlled relay, 3
position switch for wice Control-Off-Remote.
Threshold sensitivity control adjustable for
varying noise level locations. In "Remote"
position, it operates as a dynamic microphone with remote control switch. Complete
with cord, plugs, and instructions, With 9V
battery, Imported, Shpg., wt., 34, fb.
98 R 46047
Net 14.95 99 R 46047 Net 14.85

9V Battery For Above 99 R 60212 Net .29

LAFAYETTE VERTICAL DYNAMIC MICROPHONE

Ideal For Tape Recording and P.A.

Smooth Omni-

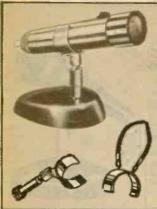
directional Sound Pickup

A highly versatile studio-type dynamic mic-A highly versetile studio-type dynamic microphone which is equally at home with the tape recordist and public address sound systems. Lightweight, it can be mounted on any standard 9e-27 stand. Has omni-directional polar pattern. Frequency response: 100-10,000 hertz. Migh output, -54 db. Impedance. 50,000 ohms. Smart. durable chrome finish, with silver grey screen. Complete with self-adjusting swivel, standard %6-27 stand thread and non-detachable 5 ft. cable. Dimensions: 5"MX1½"W. Imported. Shpg. wt., 34 lb. 99 R 45593

Lafayette Cat. No. 720 191



# **Economy Mikes and Miniature Mixers**



## 4-WAY SLIM CRYSTAL MICROPHONE

· Complete With Desk Stand, Lavalier Cord and Bracket and Floor Stand Adapter.

Designed for every possible type of mounting, this slim mike may be hand-held, mounted on the desk stand, used as a chest mike with the lavalier cord and bracket, or mounted on any standard ½6"-27 floor or desk stand with adapter supplied, Good clean reproduction, Frequency response 50-9,000 Mz. Output. —65 db. Equipped with on-off switch which may be used as press-to-talk or locked into "on" position. Brushed aluminum body is 5" long with 54" cord, Black oval base is 336LR2½7"W. Imported.

99 R 45874 Shog. wt. 1 ib. Net 4.95

99 R 45874 Shog, wt., 1 lb. ... Net 4.95

A sensitive general purpose crystal micro-

A sensitive general purpose crystal micro-phone designed to attach to your lapel for situations requiring both mobility and the full use of both hands. Only 13% in diam-eter. Excellent frequency response. Output level —55 db. Chrome plated case and clip for attaching to lapel. Includes 5 ft. shielded cable. Imported. Shpg. wt., 4 oz.

MICROPHONE

99 R 45106 Net 1.95

### **GENERAL PURPOSE MIKE**



May Be Hand-Held or Suspended By Lavalier Cord

A crystal microphone for use either as a hand-held or as a breast mike. Silver colored lavalier metal chain and holding bracket. Good frequency response with an output of —53 db, Aluminum alloy case with black baked finish and silver screen. 6° cord. 2½" x 1½" max. diam.; convenient to hold. Shop. wt., ½ lb. imported.
99 R 45957 Net 2.98

## LAFAYETTE MINIATURE **AUDIO MIXERS**





(A) Performs any mixing operation where 2 high impedance input channels are connected to a single, mixed high Impedance Input channel, Each input has its own level control. Momentary switch protects speaker white inserting Into system. Shielded, chrome plated housing, Has 2 RCA-type female input jacks and an RCA-type male phono plug output. 24x114x17/8" overall, Imported. Shpg. wt., 1/4 ib.

99 R 10134

(B) Same as above except output is standard phone plug. 31/4x13/4x13/6" overall. Imported. Shpg. wt., 1/4 lb. 99 R 10142

Net 2.39



24 R 88658

### **SWITCHCRAFT AUDIO MIXERS**

2-input hi-impedance mixers. Record soundon-sound. Record music direct and dub your voice at the same time. Record from 2 mikes at once. Separate gain controls for each channel allow fading. Shielded housing. Size: 2½x1½%x1½%". Shpg. wt., 6.075

Type 310. Two 2-cond. phone jack inputs to 2-cond. phone plug output,

Type 311. As above but has long output plug to fit recorders with recessed jacks.

24 R 88674 Net 5.88 Type 313. As above but with short Revere plugs and jacks for std. or short phone plugs. For all Revere/Wollensak recorders.

24 R 88518 Type 320. Male mike connector inputs and female mike connector output.

TINY CRYSTAL MIKE



- For Desk-Top, Hand-Held Use
- Full -55 DB Output Level **Excellent Frequency Response**

An attractive, specially engineered general purpose crystal mike for desk-top or handheld use. Excellent frequency response. Output level —55db. Only 1%" in diameter. Includes 5-ft. of shielded cable for connection to the property of the connection to the property of the connection to the connection to the connection. tion to tape recorders, public address am-plifiers and radios. Chrome plated stand. Imported. Shpg. wt., 6 ozs.

99 R 45437

Net 2.49

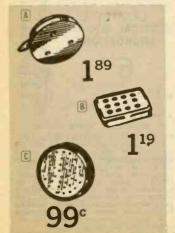
LAFAYETTE QUALITY CRYSTAL MICROPHONE



al applications, Frequency response 50 to 10,000 Hertz. Output level
—52 db provides ample output for use with
low gain amplifiers. Uses quality moisture low gain amplifiers. Uses quality moisture sealed crystal, Die cast case in rich green baked enamel finish, with chrome grill. Com-pletely equipped with 5 feet of shielded cable. Mike may be used on any stand with 56"-27 thread. Grill diameter 234", depth 44.". height 442". Imported. Shpg. wt., 14

lbs. 99 R 45122

## LAFAYETTE MINIATURE MIKES & CARTRIDGES



A MINIATURE DYNAMIC MIKE

Rugged—metal encased—to resist mechan-ical shock and variations in heat and hu-midity. Measures only 1½,a" dia. x 5/16" thick. High sensitivity in the voice range. Frequency response 300 to 5000 Hz. 600 ohm impedance. Output —73 db. Includes 4" flexible lead terminals. Imported. 2 ozs. .. Net 1.89

B SUBMINIATURE CRYSTAL MICROPHONE

An extremely sensitive and small crystal microphone similar to the round types but for replacement use in hearing aids where a rectangular shape is required. Measures: 136x1x1/4" deep. Imported. Shpg. wt., 2 ozs. 99 R 45189 Net 1.19

(C) CRYSTAL CARTRIDGE

Crystal microphone cartridge with heavy flexible rubber cushioned rim designed for speedy, economical repair. Replacement for Astalic. Shure, and many other popular microphones. Overall diameter 2", depth 1/2". Output —52 db. Excellent frequency response. Imported. Shpg. wt., 3 ozs. 99 R 45130 Net .99

## RECORDING — MUSICAL INSTRUMENT — WIRELESS MIKES

## LAFAYETTE RECORDING MICROPHONES



## (A) LAFAYETTE PROFESSIONAL DYNAMIC

Specially Designed for . Transistorized Recorders

Recommended for all high quality recorders and particularly solid-state units. Has a wide frequency response of 80-15,000 Hz High impedance (10K ohms) with an output of —65 db, Die cast satin-black body with aluminum trim. Silm tapering design. May be hand-held, used on desh stand supplied or mounted in any 56-72 rsand. Black stand with aluminum trim. Mike is 51/2121 dia. with 8 ft. attached cord and standard phone plug. Stand is 41/8x21/2". Imported. Shpg. wt., 11/4 lbs. 99 R 45882

## (B) LAFAYETTE DELUXE DYNAMIC

For fine recording and general use, this slim beauty may be handheld, placed on its own desk stand, used as a lavalier mike or mounted on any standard 5/8-27 stand. Omnidirectional pattern gives wide coverage. Wide range response from 100 to 10,000 Hz. Dual Impedance: 50K and 250 Ohms, Output —640b, All metal. Die case base and mike firinshed in handsome satin-chrome. 5 ft. cable. Mike only 3½-L x 3/4- diam. Stand 3½-x 2½- with stand, lavalier cord and bracket and stand adapter. Imported. Shpg. wt. 1 ib. 99 R 45924



### (C) LAFAYETTE STANDARD DYNAMIC

An outstanding value, this featherweight dynamic microphone is attractively styled in a tapering design, and finished in bandsomely contrasting black with aluminum frim. It may be hand-held or used on the small desk stand supplied. The omni-directional pattern picks up sounds from all sides. Assures wide coverage, impedance is 10,000 ohms, Frequency Response is 70 to 9000 Hz ±7 db and the output is —67 db. Has a built-in on-off switch, Comes complete with 6 ft. cord with standard phone plug. Size: 6½Lx%" diam. Imported 99 R 46161 Shpg. wt., 1 lb.

### (D) LAFAYETTE TINY DYNAMIC MIKE

For Solid State Recorders

This is an excellent quality dynamic microphone which may be set on table or desk top or hand held. Impedance is 600 ohms and is designed for use with solid-state recorders requiring relatively low impedance dynamic microphones. Used with many Latayette recorders. Size is 34/4L.x34°D. Supplied with 5 ft. of cable terminating in standard phone plug. Imported. Shpg. wt., 8 oz. 99 R 46302

### LAFAYETTE REMOTE CONTROL CASSETTE MIKE



Remote control dynamic microphone for table top or hand use. Impedance is 200 ohms for cassette recorders requiring low impedance mikes. Response: 100 to low impedance mikes. Response: 100 to 9,000 Mz. Nas on-off switch. Size: 44½Lx 1/6" dia. With 5 tt. cable terminating in dual miniature plugs for mike and remote control. Miniature 1/6" and subminiature 1/6" plugs fit most cas sette recorders. Complete with prop stand. Imported. Shpg. wf., 5 oz.

99 R 46344 Net 3.95

## LAFAYETTE FM WIRELESS MICROPHONE

95

With

Approval

. Transmits Clearly up to 150 Feet

· Can Be Used With Any 88-108 MHz FM Tuner. FM Radio, FM Portable or FM Auto Radio FCC Type

• Requires No Bothersome Connecting Cables

· Clear, Static-Free Performance

A transistorized FM transmitter and microphone which transmits up to 150 feet with perfect clarity to any 88-108 MHz FM receiver. Has hundreds of practical uses—for entertainers and theatrical produc-tions, in-plant communications, baby sitting, inventory and survey situations and many other remote sound pick-up applications with-out interfering connecting cables. Has sensitive built-in microphone and is fully saielded against interference. Approved by FCC. Tunable from 88-108 MHz. Operates on inexpensive 9 V transistor battery (not supplied). Compact: 4¾" x 1" x 1", Lightweight; only 3½ oz. Includes antenna, tuning tool and operating instructions. Imported. Shpg. wt., 10 oz.

99 R 60212 9V Battery-1 required

Net 19.95 Net .29

## LAFAYETTE MUSICAL INSTRUMENT **MICROPHONES**

## **DELUXE GUITAR** MICROPHONE

Individual String Controls

2 Pickups Tone Control

2 Volume Controls

This unusual microphone gives the utmost in versatility of tonal effects. Each of the 2 sensitive magnetic pickups has 6 adjust-able heads so you may vary the power of

aute neads so you may vary the power of each individual string. Each pickup has its own separate volume control. Combining these with the overall tone control, makes available an almost infinite adjustment of aound for any requirement. Comes complete with 6 ft. removable cord with mike plug at one end and standard phone plug for amplifier at other, For F hole guitars. Size: 101½" long. With bracket and mounting accessories. Imported. Shap. wt., 34 lb.

99 R 45833

### ROUND HOLE GUITAR MICROPHONE

For use with Spanish guitar, ukuleles or other round hole instruments. Magnetic pickup with 6 adjustable heads so you may vary the power of each string. It has separate tone and volume controls. 7 ft. cable with standard phone plug for musical amplifier. Finished in black and gleaming nickel. Simple to mount, easily adjustable, Imported. 99 R 46351 Shpg. wt., 1 lb. .... Ne Net 6.49



89

## **MUSICAL CONTACT** MICROPHONES

Easily attached to all stringed instruments. Provides rich reproduction. Clamp slips under sounding board cutout. With 8 ft. cable. 14" long. Imported. Shpg. wt. 4 oz. 99 R 45767 With volume control... Net 1.39

**HARMONICA CONTACT** MICROPHONE

This is a fine quality, sensitive, crystal contact microphone with a high output that is especially designed to fit harmonicas, in-stallation is simple. It is sturdily built and measures only 1%Lx%Wx%"D. Complete with 7 ft. shielded cable. Imported. Shpg. wt., 3 oz. 99 R 45163 Net 1.49



# **LAFAYETTE Top Performing CB Microphones**



## A DYNAMIC CB MICROPHONE

For Use With Low Impedance Solid State Transceivers

Source reficient low impedance dynamic microphone. Housed in attractive, professionally styled, gray and black, high-impact plastic case. Fits snugly in palm of hand. Top-performing colled cord consists of 3 conductors plus shield and terminates in 4 horne miniature plus. Wited for relays conductors plus shield and terminates in 4 prong miniature plug. Wired for relay switching. Mates directly with microphone input chassis socket of Lafayette HB-500, HB-500, HB-525A, HB-520, HB-20D, HA-450T, HB-600, and Telsat 23. Size: 35%x23%x13/4". Imported.

99 R 46187 Shpg. wt., 3/4 lb. Net 6 95 B NOISE CANCELLING CB MIKE

A high output (-48 db) low noise cardioid pattern PTT ceramic mike excellent for mo-bile and base applications. Minimizes noise pickup from rear to avoid interference with pickup from fear to avoid interference with audio input. Rugged, high-impact Cycolac dark grey case with 3 conductors (one conductor shielded) coiled cord. Fits comfortably in palm of your hand. Frequency response 300-3000 Hz. For use with tubetype CB equipment. With hang-up clip. Less plug. Shpg. wt., 34 lb.

44 R 45011 Net 6.95 Miniature Microphone Plug. For connection to Comstat 19, 23, 25, 25A, 25B, MB-444, A, and Comstat 23 Mark V. Mark VI. Imported. 99 R 62630 Net 1.49

MICROPHONE MOUNTING CLIP

Standard microphone mounting clip. Accommodates most stud mounting CB and Ham micro-phones. Attaches to metal case or dash board with 2 screws. Shpg. wt., 2 oz, 99 R 31841

RCA STARMAKER MICROPHONES

## C CB BASE STATION CERAMIC MICROPHONE

For tube-type CB transceivers. Efficient, attractive high impedance desk ceramic microphone. With convenient push-to-talk button plus lock-switch for prolonged transmission, 3-conductors plus shield for normal relay or electronic switching. 34x 54x74". Imported. Shpg. wt., 142 lbs. 99 R 46070 Less plug. Net 11.95

Miniature Microphone Plug. For connection to Comstat 19, 23, 25, 25A, 25B, HB-444, A, and Comstat 23 Mark V, Mark VI. Imported. Net 1.49

### D BOOM MIKE/HEADSET

Frees hands for safe driving. Perfect answer to your CB and Ham mobile needs. For use to your CB and Ham mobile needs. For use with VOX or foot switch for transmit-receive changeover. Lightweight and comfortable with 8-0nm earphone. Crystal mike for high output and full modulation. Boom and headband adjust to individual preference. Mike mounted on swivel. Finished in chrome and two tone plastic. With 5 ft., 4-conductor cable. Imported. Shpg. wt., 34 lb.

For tube transcelvers 99 R 25652 Net 5.98

## MAGNETIC

### MICROPHONE HOLDER For CB, Ham and

Commercial Mobile Radios



Either clip to microphone for ready-to-use magnetic mike or attach to any steel surface and slip microphone in holder: Fits most microphones. Im-ported Wt., 3 oz.

99 R 45585

Net .79

Modernize your present fixed of mobile CB statlon with these telephone style handsets. Attaches to dashboard, side of unit or wall of fixed station. Switch in the cradle automatically disconnects the speaker when the handset is lifted. The microphone is activated by means of a push-bar, push-to-talk switch. Ideal for use in heavy traffic, loud background noise area, at home or in the office for privacy. Shpg. wt., 2 lbs.

For Solid State Transceivers 42 R 65039

For Tube-Type Transcelvers 42 R 65047 Net 24.95

Microphone plug for connection to solid state HB-500, A, HB-555, HB-600, A, HB-525, A, B, C, D, HB-625, HE-20T, HB23, Telsat 23, 50, 150, Micro 12.

99 R 62838 Speaker Plug for insertion into external phone/speaker jack. 99 R 62101 Net .25

Microphone plug for connection to tube-type Comstat 19, 23, 25, 25A, 25B, HB-444, A, Comstat 23 Mark V, VI. 99 R 62630

Speaker Plug for insertion into external phone/speaker jack. 99 R 62218 Net .30

"MITY-MITE" CB CERAMIC

MICROPHONE Ceramic microphone expertly designed and professionally styled for real performance. Fits snugly in palm of hand for effortless operation. Features a "Long Life" ceramic element. Three conductors plus shield connected for electronic switching. Includes instruction sheet for conversion to relay switching. For all high impedance input CB transcripters (thus bursh. High impact plastic. transceivers (tube type). High impact plastic case and 4 foot coiled cord. 1x11/xx31/4".

99 R 45791 Wt., 8 oz. Imported Net 4.95 Miniature Microphone Plug. For connection to Comstat 19, 23, 25, 25A, 258, HB-44, and Comstat 23 Mark V, Mark VI. Imported. 99 R 62630



Model HK-96. An excellent cardioid dynamic microphone for stage, recording or broadcast use. Dual Impedance 200 or 15,000 ohms; response: 50-15,000 Hz, 3 position bass roll-off switch reduces rumble. Complete with windscreen, slip-on holder, 20 ft. shielded cable and attaché case. Black and chrome finish. Size: 934 x 1.6" diameter. Shpg. wt., 3 lbs.

44 R 21004 No Money Down\* Net 37.00 Model HK-88. A ball-type, omidirectional mike ideal for high quality music and voice applications. Dual impedance 200 or 15,000 ohms; response: 40-17,000 Hz with on-off switch. Black and satin chrome finish. Complete with windscreen, adjustable swivel mount, 20 ft. shielded cable and attache carrying case. Size: 7½ x 1.9" diameter. 44 R 21012 Shops. wt. 2½ bs. Net 30.00 44 R 21012 Shpg. wt., 21/2 lbs. Net 30.00



ASTATIC **MICROPHONES** 

## MODEL D-104 MICROPHONE

Used extensively by radio amateurs for its high intelligibility and "punch." Responds with rising characteristics from 500-4,000 Wz. High output sealed crystal element. Output level —46 db. Chrome finished mesh grille and body. With 5-ft. cable and adapter to 34"—27 thread. Shpg. wt., 1¾ lbs. 44 R 14017 Less Stand

Net 18,60 MODEL GD-104. Same as D-104 except with grip-to-talk stand. SPST switch.

44 R 14025 Shpg. wt., 31/4 lbs. Net 30.72



#### MODEL UG8-0104

The D-104 microphone with the UG8 grip-to-talk stand. Described below, DPDT switch,

talk stand. Described below. DPDT switch,
44 R 14033 Shpg. wt., 3¼ lbs. Net 33.72
MODEL UGB STAND
Die cast, all metal with bar activated DPDT
leaf-switch for either momentary or "lockon." Two switch sections. Noise free, silver
contacts rated up to 3 amp DC, 8 terminals
for connections, 6 ft., 4 conductor cable.
Chrome and gray, 5½" diam. x 8¼"H. Shpg.
wt. 2½ lbs. wt., 21/2 lbs.

See Page 22 for Full Credit Details on Easy Pay Plan

## **Turner Microphones**

## MODEL "M + 2U" MOBILE MICROPHONE

· Built-in 2-transistor preamp.



"M-2/U" MOBILE MIKE Increases signal strength and range, Frequency 300-3000 Mz. Preamp has volume control on rear to adjust modulation for best performance. Complete with battery, dash bracket and 5 ft. coiled cord. For sets with relay switching.

44 R 70183 Shog. wt., 1½ lbs. Net 30.00 Same for electronic switching.

44 R 70191 Net 30.00

44 R 70191
Replacement 7V. mercury battery for above.
Net 1,50

MODEL NC3500



 Mobile Noise Cancelling Microphone

A new noise cancelling ceramic mobile micro-phone with all the most desired professional phone with all the most desired professional releatures, Peaked for SSB response from 200 to 4,000 Hz, to really cut through the QRM. Recommended by experts for today's new AM/SSB transcelvers. The noise cancelling feature really cuts down on mobile background noise caused by passing or on-coming traffic, truck engine roar, etc. Professional all black case with soft rubber lip guard and neoprene colled cord. Shop, wt. 1 lib. oprene coiled cord. Shpg. wt., 1 ib. 44 R 70373



MODEL 254C

Attractive ceramic microphone with DPDT push-to-talk switch plus lock switch for fixed 

MODEL 254X Crystal version with output of -48 db.

44 R 70100 Net 21.00 MODEL 4540

Single sideband ceramic mike that is ideal for hams, Output level of —52 db. Frequency response 300-3000 Hz, Push-to-talk front bar plus locking switch gives choice of PTT or continuous VOX operation. For electronic or relay switching, Complete with coiled cord that extends to 5 ft. Size 74/4Hx54/4" deep. Shpg. wt., 21/2 lbs, 44 R 70019

Net 24.00 Same as above but crystal with output of

Net 24,00

MODEL "+ 2" BASE STATION MICROPHONE

Built-in 2-transistor preamp



"4-2" BASE STATION MIKE increases signal strength and rangel Frequency response of 300-3500 Hz, Push-to-talk bar with locking switch permits normal PTT operation or VOX. Works with all sets—Relay or Electronic switching! 3 conductor, 1 shield blue colled cord. Finished in blue and chrome. Output impedance 5000 ohms, Battery Included. 44 R 70167 Shog, wt., 2% lbs. Net 36.00 Replacement 9V long life battery for above, 95 R 63729 "+2" BASE STATION MIKE increases signal

Model "Plus-3" **Base Station** Microphone

 Transistorized Pre-amp Plus Modu-gard



The "Plus-3" ceramic microphone has a new plus a new compression amplifier circuit
which allows user to talk close or far from the mike without varying the output signal. This prevents mike splat and sputter. Response: 300-3000Hz. 3 conductor (1 shielded) colled cord. Touch-to-talk front bar switching with silde lock when desired. Wiring in-structions for over 100 popular transceivers. Shpg. wt., 4 lbs.

44 R 70316 No Money Down\* Net 45.00 Replacement 9V. long life-battery for above. 99 R 63729 Net 45

## MODEL M + 3 MOBILE MICROPHONE

32 R 47699



· Transistorized Mohile Microphone with Volume Control and Modu-Garo

modern excitingly styled transistorized mobile A modern excitingly styled transistorized mobile microphone with a compression amplifier circuit which permits full modulation and guards against overmodulation. Slide-action control permits volume adjustment for up to 20 db gain. Modu-gard allows talking close to or far from the microphone without varying the output signal or over-modulating. Ceramic interior with frequency response of 300-4,000 Hz., peaked SSB (rising characteristics), Blue and white case with attractive blue coiled (three conductor, one shielded) cord. Comes with 7V battery and instructions. Shop, wt., 1 b.

44 R 70357

Net 33.00

Same as above for electronic switching. 44 R 70365 Shpg. wt., 1 lb.

Net 33.00 Replacement 7V Mercury battery for above,

Net 1.50



MODEL 350C
Ideal for CB use. A rugged push-to-talk ceramic microphone wired for relay opera-tion. Extra-fough polystyrene case; hanger button and standard dash bracket are included. Also neoprene coiled cord, 11 inch refracted. 5-ft, extended, Output. —54 db. retracted, 5-ft, extended. Outpût, -54 db. Response 80-7000 Hz, Dark grey finish, Shpg. wt., 11/4 lbs.

#### MODEL 3550

Mobile ceramic microphone with handy grip-to-talk switch. Comfortable to hold, comfort-able to use, Features an output level of —50 db. Frequency response 80-7800 Hz. Tough plastic case, Complete with 5 ft, colled cord. Shop. wt., 1 lb. Net 12.00

#### MODEL 866 CARBIOID BYNAMIC

Cardioid dynamic type; high impedance. An excellent sounding mike for music and home recording. Minimum feedback, Response 100-13,000 Hz. 20 ft, cable and plug. With carrying case. Shpg. wt., 242 lbs.

Net 24.00



CARTRIDGE

#### MODEL 766 BALLADIER MUSICIAN'S CARDIDIO DYNAMIC

A ball screen styled cardioid dynamic micro-A ball screen styled cardioid dynamic microphone designed specifically to reproduce the high volume sound of today's musical groups. Excellent cardioid performance accommodates high levels without feedback. A high impedance microphone with 40.15,000 Hz. frequency range. Has on-off switch; built-in blast filter to eliminate "pop" "howl" or wind noise, Rugged stand adapter for in-hand on on-stand use, Removable 20 ft. cable with phone plug. Heavy-duty chrome finish. Packaged in individual carrying case. Shpg. wt., 3 lbs.

44 R 70381 No Money Down\* Net 45.00

#### REPLACEMENT CARTRIDGES

Ceramic for "+2" and 360 Ceramic for "+2" and 300 44 R 70324 Shpg, wt., 3 oz. Net Ceramic for "M + 2/U" and "JM + 2U" 44 R 70332 Shpg, wt., 4 oz. ... Net Ceramic for 254C, 350C, etc. 44 R 70032 Shpg, wt., 4 oz. ... Net Net 6.00 Net 6.00

\*See Page 22 for Full Credit Details on Easy Pay Plan

Lafayette Cat. No. 720 195

# SHURE Microphones Broadcasting — PA



## **NEW SHURE 545SD "UNIDYNE III"**

Stender dynamic unit with completely sym-metrical unidirectional pattern. Performs in difficult applications without feedback and difficult applications without feedback and sound boom, Acclaimed for its natural reproduction of human voice. Features a new built-in long ilfe magnetic reed "on-off" switch. 50 to 15,000 Hz. Dual impedance. Outputs: 50-250 ohms. —57 db; Hi-Z. —55 db. Chrome, black, swivel adapter, 15 ft. 3-cond. cable. 51%, x 13% dia. Shpg. wt.,

44 R 75984 No Money Down\* Net 61.20 Model 545. As above, but, without "on-off" switch. Amphenol type connectors.

44 R 75059 No Money Down\* Net 57.60 Model 545\$ As above, but with swivel mount contained "on-off" switch. 44 R 75042 No Money Down\* Net 61.20

MODEL 5455D-CN. Same as 5455D but with a prewired Cannon type male connector on the amplifier end of 20' cable.
44 R 76123 No Money Down\* Net 64.20

#### "UNIDYNE IV"

MODEL 548SD. This member of the Unidyne family of feedback-free unidirectional dy-namic microphones offers remarkable rug-gedness and performance features such as a new long-life magnetic reed "on-off" switch incorporated into the case, improved switch incorporated into the case, improved shock mounting; wind, pop and blast filters: broadcast-type Cannon XLR-3-11c connector; high flexibility cable, etc. Frequency: 40-15,000 Hz. Duai (high and low) impedance Impedance with output of -55.5 db, swivel adapter chrnme and black case, 15' 2-conductor detachable cable. 1%."D x 61/4"L.

44 R 75992 Shpg. wt., 234 lbs. Net 72.00 MODEL 548. Same as above but less "on-

44 R 75653 No Money Down\* Net 69.00 MODEL 5485, Same as above but with swive!

mount contained "on-off" switch 44 R 75646 No Money Down"..... MODEL 5485D-CN. Same as 5485D but with a prewired Cannon type male connector on the amplifier end of 20' cable.
44 R 76131 No Money Down\* Net 75.00

#### 55SW "UNIDYNE II"

A dependable rugged dynamic microphoni A dependative rigged dynamic microphone for deluxe sound systems. 50 to 15,000 Hz response. Unidirectional pickup prevents feedback. Three-way impedance switch. Output levels: 35-50 ohms. —55-db; 150-250 ohms, —56-db; hi-Z, —55-db. Complete with on-off switch, swivel mount. 15 ft., cable. 7-% x 2%, x 3%, w. Wt. 3% ibs. 44 R 75018 No Money Down\* Net 58.80

MODEL 55S. Same as above, without on-off switch. Shpg. wt., 3¾ lbs. 44 R 75026 No Money Down\* Net 57:00

Lafayette Cet. No. 720

### "UNISPHERE I"

51558.C18

515 SA

MODEL 565SD. Deluxe ball-type pop-proof unidirectional dynamic microphone. Features new long life magnetic reed "on-off" switch new long life magnetic reed "on-off" switch incorporated into the case, dual impedance; low imp. (50-250) ohms output —57 db, high Imp. —55 db, Response; 50-15,000 Hz. With swivel adapter and 15 ft, 3 cond, detachable cable, with Cannon XLB-3-11c type connector, Size: 6½/1 x 270, Shpg. wt, 3 lbs. 44 R 76008 No Money Down\*. Net 67.80

MODEL 565. Same as above but without "onswitch. Amphenol type connectors. 44 R 75547 No Money Down\* Net 64.80

MODEL 565S. Same as above but with swivel mount contained "on-off" switch, 44 R 75620 No Money Down Net 67.80

MODEL 565SD-CN. Same as 565SD but with a 20' cable terminating in Cannon type male connector. 44 R 76149 No Money Down\* Net 70.80

"UNISPHERE B"

MODEL 588SA. A dynamic unidirectional microphone with popular ball-type styling. tures feedback-free cardioid pickup pattern, shock-mounted cartridge, wind, pop and blast filters, lockable "On-Off" switch and a broadcast-type cannon connector with 15' detachable cable, includes swivel stand adapter. Response: 50-13,000 Hz. High imp. Output: —58 db. Satin chrome. 642 x 2" dia. 44 R 75893 Shpg. wt., 2 lbs.. Net 39.00 MODEL 588SAC. Same as above but with prewired plug end assembly for use as MC1F, MC1M, or phone plug.

44 R 75885 No Money Down\* Net 40.20 MODEL 588SB. Same as 588SA above, but low impedance, Output: -59.5 db. 15' twoconductor cable.

44 R 75901 No Money Down\* Net 39.00 MODEL 58858-CN. Same as 58858 but with a. 20' cable terminating in Cannon type male connector. 44 R 76156 No Money Down\* Net 42.00

## "SPHER-O-DYNE"

MODEL 533SA. Omnidirectional dynamic probe type, ideal for entertainers, lecturers. Spherical front with built-in wind, breath and "pop" filter 40-11,000 Hz. High Impedance, Output —55 db, On-off switch, swivel stand adapter and 15 ft, single conditions. ductor cable. Chrome case. 61%2" dia. 2 lbs.

44 R 75554 No Money Down\* Net 34.20 MODEL 533SAC. Same but with prewired plug assembly which can be used as MCIF, MCIM or phone plug.

44 R 75711 No Money Down\* Net 35.40 MODEL 533SAVC. Same as 533SAV above but volume control to regulate amplifier output at microphone. 44 R 75935 No Money Down\* Net 40.20

MODEL 533SAV, Same as 533SAV above but with plug assembly like 533SAC. 44 R 75943 No Money Down\* Net 39.00

## 540S "SONODYNE II"

Modern design all-directional microphone, Fine for recording applications and sound systems. Has on-off switch, Adjustable resystems, Has on-off switch, Adjustable response: 50-13,000 Mz for music, 400-6,000 Mz for speech, Dual impedance: 50-250 ohms and high impedance, Outputs: Hi-Z, —55 db; Low-Z, —56 db. Chrome and black, Swivel mount; 5%".27 thread, 15 ft, 2-cond, cable 3%x 11½", Shpg. wt., 2½4 lbs.
44 R 75166 No Money Down\*... Net 33.60

#### "UNISPHERE A"

SRSSA

585SB

VOCAL

MODEL 5855A. Rugged dynamic unidirectional "pop"-proof unit with wire-mesh spherical screen, Feedback free. Rasponse 50-13,000 Hz. High Impedance. Output —57 db. Chrome and black case. Has on-off switch, adjustable swivel stand adapter and 15 ft. single conductor shielded cable. Size: 634 x 11%, diam. 2 lbs.

44 R 75521 No Money Down\* Net 45.00 MODEL 585SAC. Same as above but with prewired plug end assembly which can be used as MCIF, MCIM or phone plug.

44 R 75687 No Money Down\* Net 46,20 MODEL 585SB. Same as 585SA except low impedance, output -59 db and 2 conductor

44 R 75539 No Money Down\* Net 45.00 MODEL 585SAV, Similar to 585SA but instead of on-off switch has built-in volume control to change toudness without adjusting amplifler controls, Shgg, wt., 2 lbs,

44 R 75612 No Money Down\* Net 49.80 MODEL 585SAVC. Same as above but with plug end assembly like 585SAC.

44 R 75695 No Money Down\* Net 51.00

## "VOCAL SPHERE"

MODEL 5795B. Omnidirectional dynamic microphone with natural and intelligible voice reproduction. Jeas choice for public-address, entertaining, recording, etc. Extremely rugged. Has built-in wind and breath noise filters. niters. Lockable "On-Off" switch and a broadcast-type Cannon connector with 20' two conductor detachable cable. Includes swivel stand adapter. 50-15,000 Hz frequency response. Low impedance. Output: —59 db. Satin chrome and gray housing. 636 x 1%4" diameter.

44 R 75919 Wt., 2 lbs. Net 45.00

## "UNIDYNE B"

MODEL 515SA, very low priced unidirectional dynamic microphone with a highly effective cardioid pickup pattern which solves feedback and boominess, Ideal for low budget sound systems. Frequency: 80—13,000 Hz. High Impedance with output of —58 db, Has on-off switch and swivel adapter, 15 ft. single conductor non-detachable cable. Chrome and black case. Size: 1420.x6%,"L. 44 R 75661 Shpg. wt., 2 lbs.... Net 27.00 MODEL 515SAC. Same but with prewired plug-end assembly for use as MC1F, MC1M, or phone plug. Net 28.20

44 R 75950 Net 28.20 MoDEL 515SB-618. 18" gooseneck mounted low impedance version of Model 515SA. Ideal for language lab, paging and base station. Features a built-in "on-off" push-to-talk switch which controls microphone and relay circuit, 51" cable. Size: 1½ x 25". Shpg. wt., 2¾ lbs.
44 R 76016 No Money Down® Net 31.80

SWIVEL ADAPTER

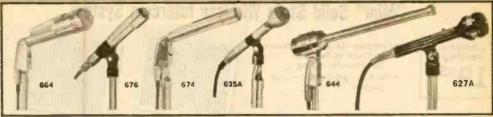


290

MODEL A25B SWIVEL ADAPTER. For Shure models 515, 545, 548, 565, 580, and 588 microphones. For use with standard desk or floor stands. Shpg. wt., 8 oz. 44 R 76164 Net 3.90

\*See Page 22 for Full Credit Details on Easy Pay Plan

# Electro Voice Popular Microphones



#### 664 "VARIABLE D"S CARDIOID DYNAMIC

A cardioid "Variable D" (variable distance) microphone designed for top quality PA applications. Cardioid pattern provides a sigplications. Cardiolog datem provides a sig-nificant front-to-back signal ratio to suppress noise, reverberations and feedback. Allows close talking without booming bass, air blasts or distortion. Non-metallic diaphragm is shielded against dust and magnetic par-ticles. Resistant to extreme conditions of humidity, temperature and vibration. Response 60-15,000 Hz. Output level—58db. High impedance easily lowered to 150 ohms High impedance easily lowered to 150 ohms without tools. Standard \( \frac{\psi\_2}{2} \) Thread. Satin chrome finish die-cast case, with ON-OFF switch and 15 ft. 2 conductor shielded cable. 1\( \frac{\psi\_2}{2} \) Tay. 14\( \frac{\psi\_2}{2} \) No Money Down\* Net 57.00

664G—Same as above but gold finish. 44 R 25336 No Money Down\* Net 61.20 664A—Same as above but non-reflecting gray finish. . 44 R 25351 No Money Down\* Net 57.00

### 644 "SOUND SPOT" UNI-DIRECTIONAL LINE MICROPHONE

A combination cardioid and distributed front opening makes this the most directional miworking distance of pressure types. Cancellation from the rear and sides exceed 20 db giving virtually complete rejection of unwanted sound. High reduction of wind noise and low sensitivity to shock. Smooth response from 40 to 10,000 Hz, high output— 55 db. dual high and low impedance selective. Rear diameter 2%", length 16". Cable is 16 ft. Shpg wt., 31/4 lbs. Is 16 ft. Shpg wt., 31/4 lbs. 44 R 25476 No Money Down\* Net 78.15

## E-V OMNIDIRECTIONAL MICROPHONES



#### 631 HAND AND STAND DYNAMIC

High quality entertainers microphone. Omnidirectional. Lightweight, rugged, shockproof. Effective 4-stage filter allows closeup use without blasting, pops, or distortion. Silent magnetic on-off switch with removable actuator button. Satin chrome case, Frequency Response: 80-13,000 Hz. Output: --55 db. 16 ft: cable. With stand clamp. Size: 6"L x 136" head dia., 34" shank dia. Shpg. wt., 2 lbs. No Money Down' 44 R 25732 Hi Impedance ... Net 38.70

44 R 25740 Lo Impedance Net 38.70

#### 647A LAVALIER DYNAMIC

Tiny size with big performance 70-10,000 Hz, High impedance. Output level, —60 db. 18 ft. cable. Complete with neck cord. Size: 334"x34" Dia. Shpg. wt., 11/2 lbs. 44 R 25195 No Money Down\* Net 57.90

#### 676 CONTINUOUSLY "VARIABLE-D"® CARDIOID DYNAMIC

Radically new design brings professional quality to public address, recording, com-munications and other general purpose appli-cations. Continuously "Variable-0" principle assures uniform, symmetrical cardioid pattern at all frequencies. Response 60 to 15,000 Hz. Highest discrimination against feedback and unwanted sound. Exclusive 3 position switch offers controlled low-freposition switch offers controlled low-fre-quency attenuation to overcome rumble and feedback when microphone is used at a distance. Slim design—full view of speaker. Use hand-held or with stand clamp supplied. Rugged diecast case. Acoustalloy diaphragm. 150 ohms or Hi-Z; impedance changed by new connector (no tools required). Output -57 db. Satin chrome finish. 16' cable. Size: 736" long. » 144" dla. Shpg. wt., 242 lbs. 44 R 25229 No Money Down\* Net 61.35

#### 674 CONTINUOUSLY "VARIABLE D"® CARDIOID MICROPHONE

This professional microphone has the exact specifications and all of the features Model 676 microphone above, except that it has an on-off switch and integral stand mounting stud instead of stand clamp adap-ter, Shop, wt., 2% lbs.

44 R 25724 No Money Down\* Net 61.35

TYPE 502B MATCHING TRANSFORMER

Matches 150 ohm to Hi Z amplifier. Input 30-20,000 Hz -1 db, Size 325x1" dia, Shpg. 44 P 75666

## SHURE MICROPHONE **ACCESSORIES**

#### LINE TRANSFORMERS &

For connecting low impedance mikes to high impedance amplifiers. Preserves high fre-quencies and cuts hum pickup in long lines Built-In MC1F and male Cannon type con-nectors, Type A95A.

44 R 75414 Shpg. wt., 14 oz. Net 12,60 Model A95F Transformer, Same as Model A95A except Input is female Cannon type. 44 R 76099 Shpg. wt., 9 oz. Net 14.40 Type A95P Same as above but with phone

plug putput 44 R 75968 Shpg. wt., 11 oz. Net 13.80 Model A95FP Transformer. Same as Model A95P above except input is female Cannon 44 R 76107 Shpg. wt., 10 oz. Net 15.60

### **ISOLATION MOUNT**



Provides maximum isolafrom mechanical brations (over 20 db) when used on floor stands, desk

used on floor stands, desk stands, conference tables, and tecture podiums. For Shure Models 545, 548, 565 and other microphones not having switches mounted in the handle. Swivel locks in tilted positions. First standard %6" x 27 thread. Shpg. wt., 11/4 fbs. Net 15.00

#### 627A ENTERTAINER'S DYNAMIC

"Single-D" cardioid microphone Ideal for vocalists and other close to mouth applica-tions. Low frequency response is accentu-ated as working distance is reduced. Light-weight (8 oz.), rugged construction with bullt-in pop and dust filter. Response: 60-13,000 Hz. Output: —58 db. High Impedance. With 15 tt. cable and stand adapter. Size: 6" long x 1½" head dia, Shpg, wt., 2 lbs.
44 R 25773 No Money Down\* Net 38.70

#### 635A BROADCAST DYNAMIC

A popular design microphone. Omni-direc-tional pick up pattern perfect for use by entertainers and vocalists. For desk or floor stand or hand held use. The rugged steel case is finished in tawn beige matte, light-weight, slim and attractively styled. 4 stage pop and dust filter eliminates need for external wind sceeen, Response: 80-13,000 Hz (rising), output —55 db. low Impedance. Supplied with 18° 2 cond, cable. Convenient microphone size. 6" long x 13%" diameter at 44 R 25591 No Money Down\* Net 56.70

# MICROPHONES 444T Herein.

### MODEL 444T TRANSISTORIZED BASE STATION MICROPHONE

- · Built-in 2 Transistor Preamp.
- Variable Output Level

Provides optimum performance for CB and Provides optimum performance for GB and other types of communications equipment including AM, FM, and single side-band. Built-in 2 transistor preamp Increases sIgnal strength, Controlled magnetic type with response of 200-6000 Hz. Semi-directional. Output level variable from 2 to 45 mv. Press-to-talk control bar for locking or non-locking. operation. Height adjustable from 9% to 111%. Base 51% x 4" Four ft. coiled cable. Battery Supplied. Shpg. wt., 2% lbs. 44 R 75604 No Money Down Net 33.60 99 R 60212 Replacement battery... Net .29

#### MODEL 575S "VERSADYNE"

Smooth response from 40-15,000 Hz-rug-Smooth response from 40-15,000 Hz—rugged, Omnidirectional dynamic cartridge. High
or low impedance models. Complete with
switch, stand adapter and lavalier cord. For
use in hand, on stand, or used as lavalier.
Single cond. 7 ft. shielded cable. 44%" Ig. x
114" dia. Wt., 1 lb. High impedance model.
44 R 75174 Less stand ... Net 16.50 MODEL STEER "VERSADYNE." Similar to

above, but impedance: 150-250 ohms.

TYPE S388 BESK STAND, Round black base for models 575S and 575SB above. 44 R 75208 Shpg. wt., 11/4 lbs.

# LAFAYETTE Wireless Intercoms - Plug Into AC Outlets

"Mini" Solid State Wireless Intercom System

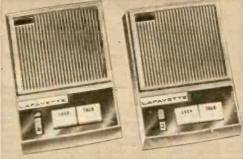
2-Stations For Only

- · Portable-Move From Room to Room or Between Houses-No wiring
- Push-to-Talk Button—Lock Button

A highly efficient wireless intercom system that simply plugs into standard 110V 60Hz AC outlets. Your voice is transmitted thru this electric power line. Talk-lock button for monitoring baby's room or long time talking. Solid state circuitry for instant-on communication between any rooms in your home. Wide range speaker-microphone for fine tone quality. Operates on very low voltage for pennles a week. Each unit is a master so you can use as many intercoms as you need. High impact styrene cabinet. On/off switch—volume control. Pilot light. Size: 37eW x 5½D x 134°H. Imported. For 110VAC, 60 Hz. Shpg. wt., 2½ lbs.

99 R 46278

Net 19.95



. No Installation Required Just Plug In and Talk

## Quality Solid State Wireless Intercom System

2-Stations For Only 95 • 4 Transistors - No Warm-Up

 Plugs Into Any 117V AC Outlet In Your Home

• Each Unit Is A "Master" - Use As-Many As You Need

Solid-State 2-station intercom system at an amazingly low, low price. Ideal for use in the home, office, factory, etc. — will connect any two places that are serviced by the same electric company power line transformer. No wiring required, simply plug each unit into any AC outlet and start talking — 4-transistor circuit means no warm-up time. Each unit is a "Master" with a Yolume/On-Off control. Push-to-Talk Bar with a "lock-bar" feature for continuous talking, and a pilot light. 2-tone gray-colored plastic case has subber-timed hase that will not scratch furniture. Overall size 614. rubber-tipped base that will not scratch furniture. Overall size 61/2" x 5" x 21/2"H. For 110-120V 60 Hz. AC. Imported. Shpg. wt., 41/4 lbs. 99 R 45734M 2-Station Intercom System Extra Station, Imported, Shpg. wt., 21/4 lbs. 99 R 45726

Net 14.95



## **Deluxe 3 Channel Solid State Wireless Intercom**

- . For Up to 3 Simultaneous But Independent Communications **Using Separate Channels**
- Each Station A "Master"-Can Use As Many As Needed

Our finest and most versatile wireless intercom systems. No wiring to install, plug into AC outlets on the same electric line between offices, rooms and even between buildings. 3 channel design permits using up to 3 simultaneous but independent communications using separate channels. Units operating on channel 1 will not interfere with units operating on channel 2 or 3. Since each unit is a master, any number of stations can be set up to form a superdeluxe wireless intercom system. Controls: Press-to-talk bar with "lock-talk" feature for continuous monitoring, channel 1-2-3 selector. Powerful solid-state circuit provides instant-on operation and includes squelch for noise free operation, transformer power supply and pilot light. Handsome high imror noise tree operation, transformer power supply and pilot light. Handsome high impact plastic case. 5 Transistors, 3 diodes, 1 silicon rectifier, 1 thermistor. Size each station: 5x614x3". For 117 VAC 60 Hz. Imported. Shpg. wt., 2½ lbs.

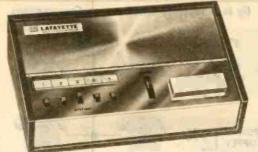
99 R 46104

Net ea. 19.95



# LAFAYETTE'S Best-Selling Wired Intercom Systems

## DELUXE LAFAYETTE SOLID STATE 6 STATION INTERMIX INTERCOM SYSTEM

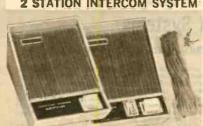


3 Super Selective Systems Can be Hooked Up:

- (1) Master to Master
- (2) Master to Remote
- (3) Intermixed Master and Remote

Designed to fulfill virtually every office, industrial, commercial or home intercom need. Provides complete flexibility and versatility with 3 separate types of installations: (1) MASTER TO MASTER HOOK. UP: All Master Intercom System incorporates up to 6 separate master. or: All Master Intercoin System Incorporates by to 0 separate master stations enabling 3 private conversations or 6 station conferences to be held. Master can initiate calls to any other Master. (2) MASTER TO REMOTE HOOKUP: Enables 1 Master station to communicate with up to 5 remotes either separately or In a six station conference. up to 5 remotes ettner apparately or in a six station conference. Remote can be hooked-up private or non private. Remotes can initiate call back to Master, but cannot talk directly to other remotes. (3) INTERMIX SYSTEM USING UP TO 12 MASTERS AND REMOTES: The number of units in-this system may be as high as 12 depending on how many masters are used. For example if 3 Masters are used. End Master has 3 of its selector switches available to call 3 remotes. thus giving a total of 3 Masters and 9 remotes or 12 unit in the system. The maximum number of remotes associated with any 1 Master is 6 minus the number of Masters in the system. Solid-state circuitry for "instant on" operation. Incorporates a balanced 40 ohm

LAFAYETTE SOLID STATE 2 STATION INTERCOM SYSTEM



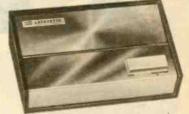
Complete 95

- Battery-Operated
- Inter-Unit Tone Calling
- Simple Plug-in Connecting Cord

Battery operated solid-state 2-station intercom sys-Battery operated solid-state 2-station intercom system Especially useful where AC outlets are not readily available. Complete system includes 1-Master unlt, 1-Remote unit, and 70' of interconnecting cable with molded plugs for easy installation. Master unlt features On/Off/Volume control plus a Listen/Talk switch. "Peep" tone signaling from either Master or remote operates even when Master is "Off". Has simple provision for stationary wall mounting, or, can be conveniently placed on desh top. 9-volt battery included. Size: 2Hx31/2Wx5"D. Show wt. 134 lbs. Shoe wt. 13/4 lbs

99 R 46245 2-Station System 99 R 60212 Extra 9-Volt Battery Net .29 XL-6 MASTER

R-6 REMOTE



- Instant on Solid State Circuitry
- Balanced Input and Output to Virtually Eliminate Annoying Noise Interference

input and output circuit design. The advantages of this type of design is that the entire system when operating is virtually not susceptible to noise interference. Master unit has 5 individual station selector slide switches, 2 position press to talk—talk/lock bar, and volume control. Remote unit has 2 position press to talk—talk/lock bar, talk—talk/lock cludes junction box for wiring.
WIRING INSTRUCTIONS: In a balanced input and output system both

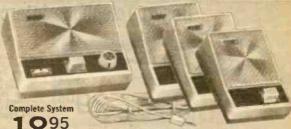
Master to Master or Master to Remote hook-ups use separate 4 conductor unshielded pairs for each master or remote used in the system. Dim.: Master & Remote 77/8" L x 21/4" H x 43/4"D, For 117VAC,

99 R 46112 Model XL-6 Master. Shpg. wt., 3 1/4 lbs. ....

99 R 46120 Model R-6 Remote. Shpg. wt., 21/4 lbs. ..... Net ea. 11.95 100 FT, SPOOL OF CABLE FOR ABOVE SYSTEM

Beidon 8741-unshielded 4 conductor, vinyl insulated wire

LAFAYETTE 4-STATION SOLID-STATE INTERCOM SYSTEM



Includes

1 Master Control Unit

3 Remote units 3-60 Ft. lengths of hook-up wire 1-9 volt battery

- Instant Communications—No Warm up. Heat or Hum
- 4-Way Selector Switch—3 Remote Stations
- Remote Tone Call
- 2-Wire Distribution System
- Battery Powered

Deluxe solid state 4-station intercom system that combines smart styling, and portability with high quality performance. All interstation calling is accomplished with one 4-way selector switch. Push-button listen-call on all units. Call signal operates even when master switch is "off". Simple coded interruption of buzzer signal lets master operator know which seemde is calling. Cool, efficient solid state master unit runs on a single, economical 9-volt battery. With selector switch in "walt" position battery life is further extended. Master unit has its own volume control, with "on-off" switch. Easy hook-up is facilitated by inclusion of three 60 foot lengths of 2-conductor wire with jacks at each end. Just plug in and talk. Additional wire is available at extra cost. See below. Complete set consists of, master control unit, 3-remote units, 9-volt battery and wire. Size: Master: 41/2Wx31/2"D: Remotes: 2Wx4"D. Imported, Shog, wt., 23/4 lbs.

99 R 45551 Complete 4-station System 99 R 60212 Replacement 9-volt Battery (1 Req.) 32 R 30521 Additional wire, 100 Ft. Coil

Net 1.49

Net 18.95

## Deluxe LAFAYETTE 10-Station Selective Ring Selective Talk Private Telephone Intercom System

Up to 5 Separate Simultaneous Conversations Immediate Operation—No Dialing Selective Ring—Selective Talk · Battery or AC Operated Completely private 10 station ultra-selective intercom system. Unit is styled like regular telephone, complete with coiled cord and junction box. Its functional design permits positioning on desk or hanging from the wall. No need to waste time dialing, simply set pointer to desired station, push ring button and speak. Interruptions or listening in by other stations is impossible. Handles up to 5 simultaneous conversations. Conference calls are available by one station calling another until all are on the line. Frees your regular telephone lines for outside calls. Power for all units in the system is obtained from a central location, either from a battery source or the AC power adapter itsed below. Low power consumption on either AC or DC: 100 ma calling, 25 ma talking. Finished in belge plastic, Imported.

99 R 45601 10 Station Lafayette phone. Shpg. wt., 4¼ lbs. 99 R 45619 AC Power Supply for system 32 R 48689 CP Power Supply for System — 6 required Shpg. wt. 2½ lbs. Net ea. 27.95 Net 12.95 WIRING INSTRUCTIONS The total number of unshielded conductors common to each phone is 2 more than the total

number of phones in the system.

32 R 14988 100 ft, length, Belden 8456, 10 cond. unshielded, Shpg. wt., 5¾ lbs. Net 10.80 tion ma 32 R 14970 100 ft, length, Belden 8457, 12 cond. unshielded, Shpg. wt., 5¾ lbs. Net 12.15 station.

In the above 10-station system, up to 5 separate conversations can be held simultaneously-or any station may converse with any other

## **Bogen Telephone Intercom Systems**



#### WIRE REQUIREMENTS FOR BOGEN PHONES

Use 3 more unshielded conductors than the total number of phones in the system. Those listed below may be used between phones. 32 R 14525 3 conductor unshielded per 100° Shgg, wt. 2¼ lbs. 3.66 32 R 14582 9 conductor unshielded per 100° Shgg, wt. 6½ lbs. 10.93 22 R 14930 12 conductor unshielded per 100° Shgg, wt. 5¾ lbs. 12.15 32 R 14954 25 conductor unshielded per 100° Shgg, wt. 13¼ lbs. 31.58 Connect PRS-16 or PRS-1A power supplies to any junction box with a short 3 conductor cable.

#### (A) TO SERIES-SELECTIVE RING-COMMON TALK

Allows only one conversation at a time. "Conference" feature lets you talk to as many stations at once as there are receivers in the system. Two separate models are available—to handle up to 6 or 12 stations. Each phone is furnished with a snarl-proof 4·ft. handset coil, and a 6·ft. master cable with junction box for simple and easy wiring. For desk or wall mounting. Phones are housed in impact resistant beige plastic. Each TQ system requires a PRS-1A Power Supply (11 YAC, 60 cycle). Shpg. wt., 4½ lbs. per unit.

44 R 12045 TQ6A 6-Station Phone less wire Net ea. 29.05

44 R 12052 TQ-12A 12-Station Phone less wire ... Net ea 32 65

PRS-1A Power Supply (1 req. per system) Shpg. wt. 21/2 lbs. 44 R 12060 Net ea. 25.00

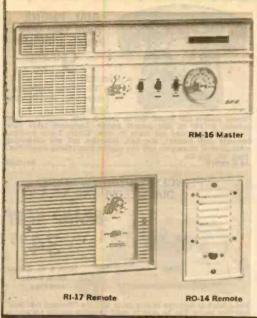
#### (B) TSL SERIES—SELECTIVE RING—SELECTIVE TALK

Bogen TSL Phones will permit you to reach other individuals in their offices without depending upon an overburdened telephone switch-board. 100% trunkage permits as many as 8 separate conversations to take place at the same time with model TSL-16, and 4 separate conversations with the Model TSL-8. Select the station with which you wish to converse, press the ring button. When the called party lifts his handset, he is in direct communication with you. Phones may be desk or wall mounted. Each phone is furnished with a 4 ft. snart-proof handset cord, and 6' master cable with junction box. Phones are housed in impact-resistant beige plastic. One PRS-16 Power Supply required to power each system, Shgg, wt., 34 lbs. 44 R 12011 TSL-8 station phone, less wire. 44 R 12011 TSL-8 station phone, less wire

44 R 12029 TSL-16 16-station phone, less wire ...

PRS-16 Power Supply (1 req. per system) Shpg. wt., 23/4 lbs. 44 g 12037 No Money Down\*

# EMERSON-RITTENHOUSE SOLID-STATE AM/FM HOME RADIO-INTERCOM SYSTEM



Complete System

10995

### COMPLETE SYSTEM INCLUDES

1—AM/FM Master Unit
3—Indoor Remote Stations
1—Entrance Remote Station
1—Installation Kit with Plaster
Frames For Above Equipment,
AM/FM Antenna, Low Voltage
Transformer and 165 ft.

 AM-FM Master Unit Features Powerful 17 Semi-Conductor Solid State Circuitry with Tuned RF Stage For Improved FM Performance

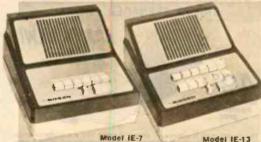
3. Wise Cable

 Radio Is Silenced Automatically When Intercom Calls Are Made From Any Station

Handsomely styled FM/AM home radio intercom system fills your home with the pleasant sounds of music, entertainment and news, Intercom permits instant room-lor-room communication, monitoring and door answering. Radio is silenced automatically when intercom calls are made from any station. Twelve transistors and 5 diodes with tuned RF stage for improved FM performance, Up to 8 remote stations may be connected to master All stations are designed for built-in installation in walls of 2" or more thickness. Color coded wirling simplifies connections. Powered by U.L. listed low voltage transformer (supplied). Complete system includes 1 RM-16 master station with off-white finish and gold trim, 3 each RI-17 indoor stations, 1 RO-14 weatherproof door entrance station, AM and FM antenna, RT-28 low voltage transformer, plaster rings for above and 165 ft. coil of 3-wire intercom cable, Dimensions: Master Unit—14½ x 5: RI-17: 73% x 4½"; RO-14: 3% x 5.3%". Shpg. wt., 12½ lbs. Net 109-95

ADDITIONAL STATIONS AND WIRE FOR ABOVE SYSTEM
44 R 46027 R1-17 Indoor Remote. Shpg. wt., 1 ½ lbs. Net 9.95
44 R 46035 R0-14 Entrance Remote. Wt. 8 oz.
6.95
32 R 14525 100" 3-cond: Cable. Shpg. wt., 2½ lbs. Net 3.66

## BOGEN IE SERIES SOLID-STATE 7 AND 13 STATION INTERCOMS



ALL MASTER SYSTEM: Consists of a Multiple-Conversation intercome system using up to 7 1E-7 masters or up to 13 1E-13 masters. Any master can call one or more stations. 1E-7 and 1E-13 masters have volume control, press-to-talk bar with dictate lock, rugged pushpush selector switches, with identification strips. For 120 volt AC 50/60 Hz. Wiring instructions—use unshielded cable with at least one more conductor than total number stations in system. SIMGLE MASTER-MULTIPLE REMOTE SYSTEM: Consists of 1 1E-7 master and up to 6 RIE-1 remote stations, or 1 1E-13 master and up to 12 RIE-1 remote stations on originate calls to master, privately or non-privately RIE-1 remote haster can call one station—or several simultaneously. RIE-1 remote haster can call one station—or several simultaneously. RIE-1 remote haster can call one station—or several simultaneously. RIE-1 remote has press-to-talk bar and privacy switch. For 120MAC 50/60 Hz. Wiring requirements—use 3 conductor unshielded cable between master and each remote. Sizes of 1E-7, 1E-13, RIE-1 are 1x\_1x\_5x\_5w/m/14-46H. Spgg. wt., (1E-7 and 1E-13) 3k\_clbs.; (RIE-1) 2½ lbs. £ACH 1E-7 MASTER USED IN A SYSTEM REQUIRES A JBE JUNCTION BOX. EACH 1E-13 MASTER USED IN A SYSTEM REQUIRES A JBE JUNCTION BOXES.

 44 R 12318 Model IE-7
 7 Station Master
 37.45

 44 R 12300 Model IE-1
 13 Station Master
 46.45

 44 R 12292 Model RIE-1 Remote Station
 11.95

 44 R 12326 JBE Junction Box 13 oz.
 Net 5.25

Stock No.	WIRE FOR Length	BOGEN "IE" INTERCOMS Conductor	Weight	Net
32 R 14525 32 R 14566 32 R 14582 32 R 14947	100 ft. 100 ft. 100 ft. 100 ft.	7 cond. unshielded — 10 cond. unshielded —	2¼ lbs. 5 lbs. 6¼ lbs. 8¾ lbs.	3.66 9.60 10.95 20.55

## See Page 22 for Fall Credit Details on Easy Pay Plan

# NEW! FANON IN-404 SOLID STATE 3-STATION INTERCOM SYSTEM



Complete System: • Features Plug-in Wiring for Instant Installation • Comes with Two 50 ft, Cables

No Money and Plugs

Versatie system features the IN-400 Master Station, two IN-2 Indoor Remote Stations, two lengths of 50 ft. cable. Master accepts up to four remote stations, Indoor, or outdoor. Master calls any or several rooms desired. Remotes have "beep call" signal. Ivory/ brown with wood grain accents. Size: Master & Remotes, 7" x 342" x 2". For 117V A. Imported. Shpg. wt., 15 lbs.

44 R 30294W Net 32.95
Extra indoor remote with 50 ft, cable and plug.
44 R 303002 Shpg wt., 4 lbs.
Outdoor remote with 50 ft, cable and plug.
44 R 30310 Shpg. wt., 4 lbs.
Net 8.50

Additional 100 ft. cable with plugs. 44 R 30328 Shpg. wt., 2 lbs.

## Net 3.75

## FANON IN-600 ALL MASTER 5 STATION INTERCOM

Features plug-in wiring for "Instant installation". Fully selective; any station can speak to one or more other stations. Up to five stations in a system. Permits conference calls. Two separate conversations may proceed simultaneously. Includes 50 ft. multi-conductor cable with plugs. Powerful IC circuitry allows distances of 500 ft. between first and last master station. Size: 7 x 31/x x 2". For 117V AC, 60 Hz, Imported. Shog. wt., 3¾ lbs. (Not Illustrated.) At R 30278

Additional 50 ft, length of 6-conductor cable with plugs.
44 R 30286 Shpg. wt., 13/4 lbs. Net 9.50

Lafayette Cat. No. 720 201

# Telephones—New and Reconditioned for Private Systems





An exquisite reproduction of the classic turn-of-the century French Cradle Phone, Adds a touch of continental charm to your home 

## "BONNIE & CLYDE" EXTENSION TELEPHONE



95 With 4½ Ft. Cord and Plug

- · Handsome Styling in Black With Gold Trim
- Equipped With Electronic Com-ponents Compatible To Telephone Co. Systems

Magnificent reproduction of the early magnificent reproduction or the early phones used in the twenties and thirties. Complete with dial, ringer, induction coll, 4½ ft. cord & plus. Size: 12"H Diameter of Base 6". Shpg. wt., 6 lbs.

Net 49.95

Net 49.95 e & Clyde Deluxe All-Brass Bonnie Phone. Same as above, but all brass. Shpg. wt., 61/4 lbs. Net 54.95

**ERICA PHONE** 



No Money

with 41/2' cord, buzzer, and plug

One of the most modern of all 

DIAL PHONE Have Your Own Private Intercom 95

Reconditioned

For Telephone Systems, Intercoms, and Private Systems

Popular modern dial phone. Can be used to make complete private ropular modern dar phone. Can be used to make complete private systems, or add to your present system. Equipment taken from service, reconditioned and ready to work. Simple 3-wire hook-up. Complete with handset, dial bell, induction coil and connecting cable. General appearance may vary slightly from catalog lilustration.

### "PRINCESS-DUTCHESS" TYPE DIAL TELEPHONE



Add a touch of elegance to your decor with the "Princess-Dutchess" type dial phone. Can be used to make complete private systems or add to your present phone system. Comes complete with built-in buzzer, metropolitan dial with numbers, ear piece, transmitter, and 6 ft. coiled cord with blug. Beautiful pear white finish. 842"L x 44"D, Imported. Shpg. wt., 334 lbs. 44 R 17010No Money Down\*

#### GRILLO TEENAGER PHONE



#### MODERN DESK PHONE



Handsome, modern dial phone for the home or office. Add to your present phone system. Comes complete with bell, ringer, induction coil, 44? cord and plug. Imported. Shpg. wt., 7 lbs.

44 R 19024 Black
44 R 19032 White
Net 39.95

44 R 19040 Beige

See Page 22 for Full Credit Details on Easy Pay Plan

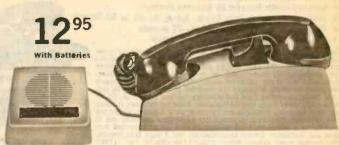
# Telephone Amplifiers, Telephones and Accessories

## DELUXE LAFAYETTE EASY-PHONE TELEPHONE AMPLIFIER

- 4 Transistors
- No Warm-up, Instant Operation
   No Pick-ups To Commect

The Easy-Phone amplifier a ideal for group conversation with one telephone in the room. Easy to operate; simply place the telephone on the amplifier, adjust the volume and everyone can listen through the separate matching speaker system, leaving both hands free for writing or typing. The Easy-phone utilizes a 4-transistor battery powered amplifier and inductive pickup, in an attractive plastic case. Features separate 3" speaker, volume control, on/off switch. Imported. Dimensions—Amplifier Section: 8W x 37/4H x 37/6"D. Speaker Section: 34/2W x 24/4H x 44/6"D. Supplied with batteries. Shpg. wt., 2 lbs.

wt., 2 lbs. 99 R 92066 99 R 92066 Net 12.95 Replacement "AA" Type Batteries (4 reg.) 99 R 62580 Wt., 3 oz. Net ea. .10



· Amplifies Telephone To Room Volume

### MINIATURE "SNAP-ON" LAFAYETTE SOLID-STATE TELEPHONE AMPLIFIER AND TELEPHONE HEARING AID

- 95 Ideal For Hard Of Hearing
- · Portable Carry It In Your Pocket

 4 Transistor Circuitry Miniature portable, snap-on elephone amplifier because of its compact size can be carried in a pocket or purse. Designed to fit any modern telephone, Just insert battery (supplied) into battery holder. Attach amplifier to the receiver of the telephone you are using—and turn up the volume control of the amplifier. IDEAL FOR MARD-OF-HEARING, Specifications: 4 transistors, 2" dynamic speaker. Size 24% round, 1" in depth. With hattery and snaparound band Imported. battery and snaparound band. Imported.

Shpg. wt., 1/2 lb.

99 R 92082

Net 6.95

Eveready E90 Replacement Alkaline Battery.

32 R 47541 Pkg. of 2 ...... Net .79

## WESTERN ELECTRIC TYPE SG-1 SOUND POWERED HANDSETS

Simple 2-way communications for miles. No batteries required. Just connect phone chas to two conductor wire. Excellent for Privale Intercom System, Construction, TV Installer, Motels, or Camps, etc. Any number of handsets can be installed on one line. Complete with retractable cord and alligator clips. Shpg. wt., 1½ ibs.

44 R 18034 Net ea. 9.95 Set of two Handsets with 100 ft. of 2 Conductor Inside-Outside Wire Shpg. wt., 4 lbs.

44 R 18042 Net 18.95 **DUAL PURPOSE TELEPHONE** JACK-IN-A-PLUG

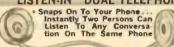


· Connects Two Phones To One Jack



Unique telephone plug contains Built-in jack. Enables 2 phones to be connected from a single Existing jack. No reduction of power. Meets phone company regulations. Imported. Shpg. wt., 6 oz. Net 1 19

## "LISTEN-IN" DUAL TELEPHONE DEVICE



Just snap "Listen-In" over earpiece, 2nd listener simply presses receiver of "Listen-In" next to his ear and he is ready to listen in on conversation, Teenagers can use listen-in for extra "Party-Line" ported. Shpg. wt., 1/2 lb.

#### 44 R 27019 Net 1.99 30 FT. TELEPHONE EXTENSION CORD



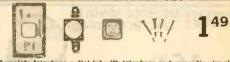
 Ideal Extension Cord for Use With Phones Listed on this Page

Add flexibility to your telephone intercom. Now be able to move your telephone intercom from room to room, 30 feet of telephone extension cord with standard 4-pin plug and jack. Color coded cord to match screw terminals on plug and socket. Imported. Wt., 3/4 lb. 99 R 45395 Net 2.49

#### TELEPHONE PLUGS AND JACKS

44 R 60036 Phone Plug (Imported) 3 oz. 44 R 60028 Phone Jack (Imported) 6 oz. Net .59 Net .59 100 feet 2-Conductor Twisted pair—unshielded telephone wire. 6 az.
32 R 13030 Net 2.94

## TELEPHONE OUTLET KIT



Complete telephone outlet kit with telephone jack, mounting bracket, and wall plate for standard outlet box. Flush mounted. Net 1.49

#### 44 R 86007 Shpg. wt., 6 oz. 3 AND 4-CONDUCTOR COILED CORDS



Terminated with Spade Lugs on each End

4 conductor coiled cord extends to 5 feet, retracts to 10 inches. All four conductors are vinyl insulated and terminated with metal spade lugs at each end, ideal for telephone, push-to-talk microphone. headphones and many other applications, Imported. Shpg. wt., 3 oz. 99 R 46005 Net 1.39 99 R 46005

3 Conductor Coiled Cord. Same as above but only 3 conductors. 99 R 46013 Net 1.29

# Telephone Recorders, Telephone Amplifiers, and Accessories

## DELUXE CROWN CTA-4450 TELEPHONE ANSWERING AND RECORDING MACHINE

Direct In-Line Coupling Facilities

ONLY

Solid State Circuitry

Built-in Cassette Recorder for Incoming Messages

Incoming Recording Time Can Be Set At 30, 60, or 90 Seconds

Outgoing Message Recording Time-23 seconds

Can be used as an Outgoing Message Repeater

Crown's finest telephone answering and recording machine. Com-pletely self-contained with built-in cassette recorder. Features direct in-line coupling—the 4450 can be plugged directly into the phone line, bypassing the phone itself. Or, you can have indirect connections with the phone itself by using the accessory phone cradle (included). Incoming Messages are recorded on 60 or 90 minute cassette Tapes. Recording Time per incoming call can be set, 30, 60, or 90 seconds. Beep tones will let the caller know his message is being recorded. Outgoing Messages are recorded on a separate 23 second tape (included). The 4450 is completely pushbutton operated and is mounted in a handsome wood grained cabinet. Other important feamounted in a handsome wood grained cabinet. Other important features are: Automatic Record Level Control, and 3 digit tape counter with instant reset button. Size: 1544W x 11D x 4½"H. For 117VAC 60 Hz. Imported.
27 R 72184W No Money Down® Shpg. wt., 18 lbs. Net 249.95 27 R 72192 Extra 23 sec. outgoing Message Tapes... ea. 4.95 Accessory Cassette Recording Tapes
28 R 01223 Lafayette 60 Min. Cassette. Imported.... Net 1.19 28 R 01207 Lafayette 90 Min. Cassette. Imported..... Net 1.99

**CROWN CAD-8 AUTOMATIC** 

SOLID STATE TELEPHONE DIALER



## **CROWN 4100 TELEPHONE ANSWERING** AND RECORDING MACHINE



With Any Tape Recorder with

No Money Down\*



Optional RC-4 Direct Line Adapter - 19.95

**Built-in Telephone** Amplifier For Incoming Calls

Automatically Dials up to 26 numbers

A solid state automatic telephone dlaling system using regular telephone sockets for easy installation to your telephone. The CAD-8 memorizes up to 26 telephone numbers (Up to 13 digits for each number). Simply select the persons code number (1 to 26) and push a button. The CAD-8 automatically dials the number and connects with the person you are calling. For business discussions or family messages, a flip of a switch amplifies the call, allowing everyone to hear the conversation. Telephone operates normally for incoming calls, and for numbers not coded. Preset numbers can be changed simply. Easily operated by one hand. Housed in a low profile, decorator styled walnut cabinet which sits flat on any desk or table. A complement to any home or office. Size: 11"x5"x16". For 110 VAC 60 Hz. Imported. Shgg. wt., 11½ lbs. 44 R 41002W

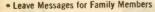
Net 139.95

a Remote Control Mike Input Use with phone cradle (included) or can be plugged directly into phone line using optional RC-4 Direct Line Adapter, Answers phone callers with up to 60 second prerecorded message. Incoming phone calls with optional recorder attached are recorded for up to 1-minute in duration. Can be played back at a later time at your leisure. Can also be used as message repeater. With AC/DC remote control terminal, recording switch, and built-in mike. For 110VAC, 60 Hz. Imported

27 R 72143W Shpg. wt., 10¾ lbs. Net 89.95 27 R 72150 Model RC-4 In-Line Adapter Wt., 3/4 lb. Net 19.95 27 R 72101 1-Minute Message Tape For 4100 Net 4.95 Lafayette RK-65 Cassette Tape Recorder for Incoming callsulmported. Net 19.95 99 R 15828L Shpg. wt., 4 lbs

## NEW! MESSAGE-MINDER TAPE RECORDER

Only 1695



Record Important Dates & Appointments

Give Assignment to Secretary

Mini-Tape Recorder—one lever control for record or playback. Built-in continuous Loop Tape provides efficient method for record-ing messages. Ideal for businessmen, secretaries, housewives, and students. Records up to 30 seconds. Erases for over and over re-use. Reliable solid state circuitry. Built-in mike and speaker. Operates on 1 "99" and 1 "C" battery (included). Size: 3¼" oval by 6%. "H. Imported, Shpg. wt. 1½ lbs.

44 R 1900B 99 R 62572 Extra "C" battery 1 req. 99 R 62012 Extra 9 Volt battery 1 req.

Net 16.95 Net ea. .16 Net ea. .29

## **CROWNSCRIBER CASSETTE** DICTATING/TRANSCRIBING MACHINE

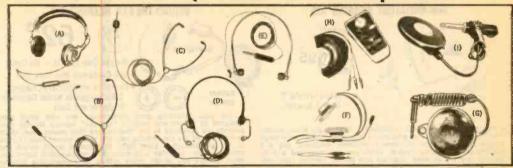
New Low

set, remote control

Seven Second Repeat Feature



## **Telex Headphones and Microphones**



### TELEX TELESET

(A) Lightweight (8 ounce) headsets tailored (A) Lightweight (8 ounce) headsets tailored to the requirements of radio operators, and all general work. Fine stainless steel and plastic design defivers high sensitivity and faithful sound reproduction. Freq. Resp.; 50-10,000 Hz. 5-ft. durable vinyl-covered cord. Shpg. wt., 1 tb. 40 R 59010 Imp. 2,000 ohms. Net 18.50 40 R 59028 Imp. 500:600 ohms. Net 18.50

Soft foam plastic cushions. Wt. 6 oz. 40 R 58036 One pair ACT 2 Net Net 1.28

#### TELEX MONOSET

(B) An under-chin headset ideal for secre-(b) An under-enin neadset ideal for secre-tarial office dictating machine use and private listening to radio, TV and recordings. Anodized aluminum tone arms are fully ad-justable and weigh only 1.2 ounces.-Frequen-cy response: 50-5,000 Hz. Single detachable 5 ft. cord with standard phone plug elimi-

1 August 1 A

TELEX DYNASET

(C) This lightweight headset is excellent for (C) This lightweight headset is excellent for every kind of communication use, including office equipment, radio, TV and commercial applications. A magnetic driver element provides clear reproduction. Sound travels through 5 ft. tubing. With phone plug. Frequency Response: 50-5,090 Hz. Shpg. wt.,

40 R 59069 Model HUP-01 Net 12.65

## TELEX TWINSET

(D) Banishes bothersome ear pressure. Tubular sound arms pipe signal to ears, Only 1.6 oz. Complete with 5 ft. cord and standard phone plug. Shpg. wt. 7 oz. 40 R 59085 500 ohms HTW-2... Net 15.65 40 R 59093 1000 ohms HTX-2. Net 15.65

## TELEX PERSONA-PHONE



For Private Listening Individual Volume

Control

Persona-Phone allows personal listening in churches, libraries, auditoriums, museums, exhibits, etc. Individual volume controls allow the listener to adjust to his own hearallow the listener to adjust to his own hearing without annoying nearby persons. Each
unit has two shell type earsets which slip
comfortably over the ear Beige colored earsets weigh less than 1½ oz. and are
equipped with 5' cords. Units may be used with sound systems providing 70 volt, 25 volt or 8 ohm outputs. Size: 434"W x 3%"H x 2\%("D. Shpg. wt., 4 lbs, 40 R \$9507Y No Money Down\* Net 34.00

### TELEX TELE-FI

(E) Fidelity "in depth" with only one speaker. The 1/2 ounce continuous piece tone arm delays the sound to the ear opposite the speaker for one millisecond. This delay creapplications. A perfect leisure listening set for individuals with a hearing loss. 5 ft. flex-ible cord included. Shpg. wt. 6 oz.

40	R	59101	15	ohm	HFR-91	Net	5.95
40	R	59119	125	ohm	HFV-91	Net	5.95
40	R	59127	500	ohm	HFW-91	Net	5.95
40	R	591351	,000	ohm	HFX-91	Net	5.95
40	R	591432	.000	ohm	HFY-91	Net	5.95

### TELEX 600 SERIES MAGNETIC BOOM MIKE HEADSETS

(F) Dual magnetic headsets with removable (†) Dual magnetic neadsets with removable ear cushions. Light in weight—yet very rugged. Choice of 600 or 2000 ohm headphone impedance. "With 250 ohm noise cancelling dynamic boom microphone. † With High Z cesamic boom microphone, All with 5 ft, cord and standard 1/4" Phone plugs, Average shoe

Stock No.	Type	Impedance	Net
40 R 59374 40 R 59390	*600-1 †600-3	600 ohm	19.95

## TELEX MAGNETIC PILLOW SPEAKER (G) Ideal for radio or TV. Enjoy private listen-

ing in bed or in a chair without disturbing others. Great for late listening. Only 24/4" diameter and 5/6" thick, Maroon waterproof plastic, Complete with 5 ft. cord and standard phone plug. Shpg. wt., 6 oz. 40 R 59234 2000 ohms SMY-2A

Net 8 85

## FULL FIDELITY MUSIC HEADPHONES



Designed For Music Appreciation Courses. Electronic Instrument Lessons & Libraries

Telex 820 Series Headphones offer outstanding versatility and value. Frequency response of 50-18,000 Mz. Light-weight and attractively styled in brown with white trim and vinyl protected spring steel headband. Monaural version has 4-ohm impedance, six toot white cord and two-circuit phone plug. Stereo version has 8-ohm impedance, six

foot brown cord and three circuit plus.
Shog, wt., 1 lb.
40 R 59499 Monaurat Net 9.95
40 R 59481 Stereophonic Net 9.95

#### TELEX TV LISTENER

(H) Cord clips allow simple and safe attachment to any radio or TV. The control switches turn the radio or TV speaker on or off and control the volume through the earset. Listener complete with one earset, 15 ft. listener cord, and 4 ft. earset cord. Shpg. wt., 14 oz. ment to any radio or TV. The control switches

40 R 591921 CP-90 Not a as Extra earpiece ELV-98. Allows two to listen at once. Shpg. wt., 4 oz. 40 R 59333

#### TELEX DYNAMIC PILLOW SPEAKER

(I) New dynamic miniature pillow speaker gives the ultimate In tonal quality without distortion. For individual and institutional use. Safe and no complicated wiring necessary. Stainless steel. moisture proof houssary. Stamless steel, moisture proof hous-ing. Size: 334"D. 1½" max. thickness. Complete with a 5 ft. cord and standard phone plug. Shpg. wt.. 12 oz. 40 R 59200 3.2 ohms SDN-2A ... Net 8.85

40 R 59218 10,000 ohms SDM-2A .. Net 11.80

#### TELEX ACCESSORY CORDS



5' accessory cords with 5" accessory cords with standard phone plug on one end and Telex con-nector on other. " May be used with illustra-tions D or I. † May be used with B or E. Shpg. wt., 4 oz.

Stock No.	Description		Net
40 R 59259	CCM-2. Coiled Cord	Ø.	3.40
	CMM-2. Straight Cord		2.25
40 R 59275	CCT-2, Coiled Cord	+	3.25
40 R 59283	CMT-2. Straight Cord	1	2.25

## **TELEX 1200** FOR LANGUAGE LABS



Meets All Language Institute & **Governmental Specifications** 

Delure headset with boom mike designed for language laboratory use. Dynamic headphone response is 20-20,000 Hz. Dynamic boom noise-cancelling microphone response 100-8000 Hz. Headset impedance 600 ohms, With War phone plus, White with grav trim Shgg. wt., 144 lbs.
40 R 59457 Telex 1200-42 Net 33.25 Headset only less hoom mike. Deluxe headset with boom mike designed for

Headset only, less boom mike. 40 R 59465 Telex 1210-04

Net 24.95

# Hearing Aids, Headphones and Pillow Speaker

Battery

charger

SUB-MINIATURE HEARING AID



Lightweight!

25/8Lx15/8Wx5/8"D Only 2 ounces!

A high quality, completely adjustable, hearing aid which weighs only 2 ounces. Features an advanced 4 transistor circuit, wide range volume control, crystal microphone, magnetic earphone, and a position tone converter control. Three tiny ear plugs and a 3 ft. flexible cord are included. Supplied with leather carrying case, earphone, and battery. Shpg. wt., 1/21b. Imported.

	R 90680L		Net 29.9
32	R 4B754 Extra	Battery, Burgess NE type	Net .1
99	R 90698 Extra	Plug in cord	Net 6
99	R 90706 Extra	Earphone	Net 1.8
	-		
- (	Colombia Colombia	DDIVATE DADIO TV I	ICTEMED



PRIVATE RADIO-IV LISTENER

· Control Either Private Earphones or Remote Speakers

Simply installed unit allows normal use of TV or radio while adding controllable earphones or extension speakers. The hard of hearing may control their volume while others may listen at normal listening levels. May be operated up to 17 feet from set. Supplied complete with instructions, one earphone, and two earphone jacks, imported. Shog. wt., 5 oz.

99 R 91720	Net e	a. 1.98
	Net e	a59
99 R 25496 10 ft. extension cord. Shpg. wt., 3 oz	No	et .59

## "WHISPER" BONE-CONDUCTION PILLOW SPEAKER

"Sonic Transducer" cannot be heard at a distance



Sound is actually conducted through your pillow and bone to the inner ear, No danger of disturbing others—even husband or wife asleep in the same bed! 2½" diameter round asleep in the same ped: 2/2 granteer round loary plastic case is only 5% thick. With 6 ft. cord, ½% plug and jack, Plugs into radio or TV. Imported. Shpg. wt., 8 oz. 99 R 90730 Net 2.79 99R 25496 10 ft extension cord

#### CRYSTAL HEADSET



Lightweight

Sensitive Crystal Element



This lightweight, under-the-chin crystal headof the state of th with 3ft. cord. Imported, Shpg. wt., 3 oz.

# SUPEREX AMATEUR PHONES

These earphones are made specially for the Ham and short wave listener. Comfortable, removable and replaceable vinyl foam ear cushions make long hours at the rig a real pleasure. Dual Impedance, 600 and 4-16 pleasure. Dual Impedance, 600 and 4-16 resolutions for the hand to be changed at plug. High sensitivity and a crisp clear re-

production for that hard to read station. Shpg. wt., 21/4 lbs. Net 24.45

## BEHIND-THE-EAR HEARING AID



· Weighs Only 1/2 Oz .- No Cords

Self-Contained Miniature Unit

Complete with Battery Charger. 2 Rechargeable Nickel Cadmium **Batteries** and Case

A fine unit combining good performance and very small size. Designed as a light and compact "ear-lobe" hearing aid, All com-ponents are contained in the flesh-colored high impact case, which ponents are contained in the Hesh-colored night impact case, which is work behind the ear. Weighs only 1/2 of one ouncel Sound travels to the ear through a clear tube. Independent on-off switch and volume control. Operates 8-10 hours on a rechargeable nickel cadmium battery and 80-100 hours with a non-rechargeable mercury cell. Complete with a handy battery charger capable of charging cells overnight. Imported. Shpg. wt., 9 oz.

99 R 90722L No Money Down\* Net 62.95 32 R 47467 Rechargeable nickel cadmium cell for above Net 1.44 32 R 46683 Pkg. of 6 Mercury cells for above Net 1.95

#### REMOTE CONTROL FOR SILENT TV VIEWING



- Simple to Attach to any TV or Radio Set
- See and Hear-Noiselessly and Conveniently

FOR LATE LISTENERS. One or two people can both see and hear the program with the loudspeaker cut off. Tops for

enjoying the late-late show without disturbing the rest of the household or the neighbors.

FOR MARD-OF-MEARING. Hear without turning the set volume so high that others can't stand the noise. It is possible to listen either with the loudspeaker cut off or, if the everyone wants to hear, with the

FOR NOISY PROGRAMS view with the speaker off.

FOR NORMAL OPERATION it does not affect the regular use of the TV set. It does not have to be disconnected

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 earphones can be connected. Supplied with a miniature dynamic earphone. Highly sensitive and efficient. Complete with 1 earphone with 3 ft. of cord and plug and control box with 20 feet of cable. Only 3%x2x1½". Instructions included. Shpg. wt., 1¼ lbs.

13 R 09012 EXTRA EARPHONE. Shpg. wt., 3 oz. 99R 25488 10' EXTENSION CORD for above. 99 R 25496 Shpg. wt., 3 oz.



### LAFAYETTE HEADSET

4000 ohm DC Resistance Double Permanent Magnet

A real bargain—the convenience and advantages of earphone listening at an especially low price. This is an extremely efficient, double headset with adjustable headband, for private listening or for greater intelligibility when there are distracting sounds and external noise.

4,000 ohms DC resistance. Has durable permanent magnets, removable earplece and 3½ feet of extension cord terminated with standard headphone tips. Imported. Shpg. wt... ½ lb.

## CLEVITE-BRUSH HEADPHONES

Rugged, sensitive, Impedance, 45,000 ohms. Response,
100-8,000 Hz. With 5' cord and headband and phone plug termination.
40 R 80016 Shgg. wt., 142 lbs.
Net 22.00
Model BA200-S. Same as above but wired for stereo use. Impedance,

90,000 ohms. With eyelet terminals. 40 R 80024 Shpg. wt., 11/2 lbs.



See Page 22 for Full Credit Details on Easy Pay Plan

# Miniature Earphones & Headphones



Detachable Plug-in Cord
 Flexible Plastic Support

• Excellent Sound Reproduction

A sensitive dynamic earphone of exceptionally fine quality. Lightweight, 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 cased arpice by means of a special plug. Pro-

99 R 25421 3000-Ohm Impedance with phone tips net 1.13 6-Ohm Impedance with 1/8" diameter phone plug and phone jack, 99 R 25413

## EXTENSION CORD FOR MINIATURE EARPHONES

Perfect for extending earphone from transistor and portable radios. 10 ft. extension cord has ½" dia, mindature plug at one end and enclosed socket on the other which accepts ½" dia, plug, Cable comes in attractive light pink color, Imported, Shpg. wt., 3 oz.

98 R 25496. Net see

m transtension one end which in at. 59c

#### C.F. CANNON HEADPHONES



## "CANNON-BALL" DOUBLE HEADSET

Low-priced, lightweight, with powerful Alnico V magnets and double colors. Adjustable vinyl covered steel headband. 4½ ft. cord. With pin tips. Type AM-15-2—2000 ohm DC, with standard phone plug,

40 R 81113 Shpg. wt., 1 lb, Net 3.80

#### "CANNON-BALL" SINGLE HEADSET

#### "CHIEF" HEADSET

Bakelite phones, double coils, ainico magnets and vinyl covered headband. Diaphragm diameter 21/16".

40 R 81063 CC11-11 ohms DC Net 3.70

#### BRANDES "ADMIRAL" HEADPHONES

"Matched-tone" headset, Large diaphragms, Double coils, chrome steel magnets, Adjustable vinyl covered headband, 4½ ft. cord. Shpg. wt., 3/4 ib.
40 R 81071 BA-2-2000 ohms
Net 3.37
Net 3.40 R 81097 BA-5-5000 ohms
Net 4.37

#### REPLACEMENT CUSHIONS

Soft rubber cushion fits all above phones and most standard headphones. Shpg. wt., 5 oz.
40 R 59325 Net .70



## REPLACEMENT CORDS, & TIPS

Sturdy copper conductor replacement cords with cotton insulation, 4½ feet long, with terminations indicated. Double phone cord, except \* is single cord. Shpg. wt., 3 oz.

40 R 59291 Spade and pin tip 40 R 59309 Pin tip both ends	Net .67	
40 R 59317 Pin tip both ends Heavy plated tips. Takes up to No. 18 wire, 1" long, 2 oz.	Net .50	
32 R 85244 Pkg. of 10,	Net .25	

SOUND SHELL EARPHONE
WITH DYNAMIC SPEAKER

295

- Fits over the ear
- Less than 11/2 oz.

Unique, new listening device incorporates a wide range (30 to 14,000 Mz.) speaker in a specially designed plastic sound shleid. Comfortably fits over either ear for maximum listening pleasure. Impedance 8 ohms. Complete with 492' cord and 16 dia miniature plug. Imported. Shg. wt., 16 b. 99 R 26148 Met ea. 2.95



SUPER POWER DYNAMIC EARPHONE FOR TRANSISTOR CIRCUITS

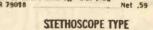
Powerful Efficient Magnet

Extra efficient construction and arpowerful magnet provides exceptional performance. Ideal solution to the problem of low output in transistor circuits. You'il be amazed at the difference in volume, as well as its quality of reproduction, when you use this dynamic earphone. AC impedance 6700 ohms. DC resistance 3000 ohms. DC resistance 3000 ohms. DC resistance 3000 ohms.

6700 onms. DC resistance 3000 ohms. Snap on ear-plug. Complete with 3 ft. detachable plug-in cord with miniature 1/8" diameter plug. Imported, Shpg. wt., 2 oz. Net 2.95

#### **ECONOMY ALL-PURPOSE DYNAMIC EARPHONE**

- For Transistor and Subminiature
  Receivers
- . For Silent Radio and TV Listening



STEROPHONIC HEADPHONES

- True Binaural Reproduction
- Lightweight-Less Than 2 Oz.

Binawal magnetic units are equipped with two separate transducers and cord sets for true dual-channel reproduction. Extremely sensitive, sound is carried through plastic tubes to earpieces. Hinge permits adjustment to desired spacing. Complete with ½" dia. plugs. Imported. Shpg. wt., 6 cz.

99 R:10027 5000 ohms Imped. ..... Net 1.95



#### MONAURAL HEADPHONES

O Ullins Impedance



## LAFAYETTE 150-in-1 **ELECTRONIC EXPERIMENTERS KIT**

Assemble 150 Interesting Electronic Projects

- 100% Reusable Components
- No High Voltage or Soldering Sturdy Compact Wooden Case
- Detailed Instruction Manual

Only

Lafayette's 150-in-1 IC Electronic Experimenter's Kit supplies a variety of exciting projects dealing with measurement, radio broadcasting and receiving communications, sound and musical instruments, physics, chemistry, amusement, and convenient living. Its quality components are attractively displayed in a functional, sturdy wooden storage case for ease in experimentation and long lasting protection. The enlarged visualized integrated circuit clearly shows the various devices that form a typical IC. Each experiment is wired using easy to connect spring tension terminals. This feature permits 100% reuse of all components and eliminates the bother and danger of soldering. Power is supplied from three standard low voltage batteries, thus eliminating the possibility of shock hazzard. Simplified manual portrays each experiment in both visual and written forms. The visual representation permits convenient theoretical circuit reasoning and the instructions provide a short cut for speedy wiring. Geared to be educationally stimulating for youngsters as well as adults. Supplied with all components including batteries. Size: 34/4"H x 151/2"W x 81/2"D. Shgg. Mt., 3% lbs.

99 R 35107

Net 24.95

99 R 62572 Extra 1 ½ V. "C" Cell (2 req.) Net ea. 16 Lafayette's 150-in-1 IC Electronic Experimenter's Kit supplies

99 R 62572 Extra 11/2 V. "C" Cell (2 req.) Net ea.16 99 R 60212 Extra 9 volt battery ....

Featuring An **Enlarged Visualized** Integrated Circuit Vivid enlarged repre-

sentation clearly shows the functional compon-ents of a typical inte-grated circuit. Incorporates a capacitor, resis-tors, transistor and diode to form a remarkable educational unit.



## EDUCATIONAL-CREATIVE-NO TECHNICAL KNOWLEDGE NECESSARY! LEARN WHILE YOU BUILD!



## LAFAYETTE 80-in-1 **ELECTRONIC PROJECT KIT BUILD 80 SAFE BATTERY OPERATED ELECTRONIC PROJECTS**

All Solid State Circuitry
 No Soldering Required

The ideal introduction to the world of electronics for young or old experimenters. Bulld over 80 safe, battery operated, useful solid-state projects with this one klt. No soldering or tools required. Detailed, simplified instruction manual provides easy-to-follow instructions for each project. Point-to-point wiring between numbered parts using spring type connectors completely eliminates soldering. Each project can be assembled and disassembled in just minutes. This "breadboard" type kit is ideally suited to the design of as many additional circuit projects as your ingenuity and creativity can produce. Nothing else needed—klt includes all parts for these projects—galvanometer, solar cell, transistors, relay, baffled speaker, earphone, microphone, relay transformer, tuning capacitor, volume control, telegraph key, antenna, dlode, resistors, capacitors, batteries and connecting wires—all packed in a fitted hardwood case. Size 15x8/3x44". Imported, Shgs. wt., 3 lbs. case. Size 15x83/4x4". Imported. Shpg. wt., 3 lbs.

99 R 35016 Complete 80-in-1 Kit 99 R 62580 11/2V Replacement Battery (2-required) 99 R 60212 9V Replacement Battery (1-required) Net 16.95 Net ea.

- SOME OF THE PROJECTS YOU CAN BUILD-

The fascinating projects which can be assembled with these Lafayette The fascinating projects which can be assembled with these Lafayette kits cover a wide range of subjects such as home entertainment, wireless communications, telephony and telegraphy, music, public address, alarms and warning systems, electrical measurement, digital circuitry, physiology, weather, etc. You can build many different radio receivers, including a solar powered transistor radio. Also included are projects concerning computer type "AND" and "OR" circuits, many varieties of light and sound code signal com-

munications using Morse Code, several transistorized amplifiers and public address systems, continuity checkers and signal tracer, wireless microphone, metronomes, electric harmonica, photoelectric relay and burglar alarms. Some unusual projects include a sensitive photometer, rain alarm, auto headlight dimmer, cat sound simulator, muscle simulator, water level warning system and many others designed to provide fun for the entire family.

## LAFAYETTE 20-in-1 ELECTRONIC PROJECT KIT

- Absolutely Safe . . . No High Voltage or Soldering
   Detailed Simplified Instruction Manuals
- **Build 20 Interesting Electronic Projects**
- Easy to Wire Spring Tension Terminals
- Pre-assembled Educational Wiring Block

Educationally stimulating hit utilizes separate building units that concert to form 20 interesting electronic devices. Spring tension terminals simplify wiring and eliminate the bother and danger of soldering. Incorporates one transistor, a tuner, diode, key, transformer, galvanometer, solar battery, two resistors, and three capacitors. Battery provides safe low voltage power. Projects are easily assembled in minuter. Attractive tables to the control of the co assembled in minutes. Attractively packaged in a convenient storage case. Supplied with all components including battery. Shpg. wt., 2 lbs.

99 R 35214 99 R 62580 Extra 11/2 volt "AA" battery

Net 9.95 Net 10

## LAFAYETTE 1 0-in- 1 ELECTRONIC PROJECT KIT



- \* Absolutely Safe . . . No High Voltage or Soldering
- \* No Technical Knowledge Necessary
- **Detailed Simplified Instruction Manuals**
- **Build 10 Educationally Stimulating Projects**
- **Enlarged Visualized Integrated Circuit**

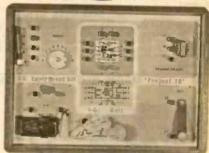
Lafayette's electronic project kit features an enlarged visualized integrated circuit which clearly shows the typical placement of a condenser, two resistors, transistor and diode in an IC. All connections are facilitated by spring tension terminals for easy wiring without soldering. Projects include circuit testers and communication sets. All components are reusable and mounted on an attractive wood moided panel. Supplied complete with manual and batteries. Size 11Wx134Hx8"D. Shpg. wt., 1½ ibs.

99 R 35099 99 R 60212 Extra 9 volt battery

Net 7.95

## FAYFTTF **Experimenter Kits**





Only 795

### SHORTWAVE AND SUPERHET BROADCAST RADIO KIT



2 bands cover both standard broadcast 540-1620 kHz and shortwave 5.8-18 MHz which includes international broadcast, 40 and 20meter ham bands and some of the aeronautical and marine bands. Superheterodyne circuit has high gain IF's, built-in broadcast band loop antenna. Comes complete with ivory cabinet 4" PM speaker, tubes (128E6, 128A6, 12AV6, 50C5, plus 35W4 Rectifier; and all parts. Easy to follow step-by-step instructions. Shortwave band requires external antenna (not supplied). Size: 8¾Wx 5¾Hx5¼"D. For 110V AC or DC.

19 R 40071 Wt, 43/4 lbs. Net 17.95 Shortwave antenna kit for above. 32 R 30984 Wt., 11/4 lbs. . Net 2.35

## RAYTHEON-LECTRON EDUCATIONAL SETS

- Space-Age Magnetic Blocks Make Electronics Child's Play
- No wiring
   No tools No Electronics Knowhow Needed
- Match magnetic blocks with a schematic diagram in guidebook
- Series 2 Set Builds 43 Projects
- Series 3 Set Builds 56 **Fascinating Projects**



Set consists of domino-like see-thru magnetic connecting plastic blocks each self-contained with a transistor, capacitor, or other eletronic component, etc., inside and the electronic symbol therefor engraved on the top; an 8" x 11" metal ground plate and an 80 page instruction manual. When a project is complete, circuit symbols on the blocks form a schematic diagram. Manual covers basic theory principles of the components and project diagrams and explanation. Easy! And Fun!

SERIES 2 LECTRON SET — make 43 working projects including transistor radio, electronic organ, rain moisture indicator, audio amplifiers, light modulated detector, Morse code transmitter, metronome, burglar alarm and more plus your own ingenuity. Shpg. wt., 3 lbs. 19 R 18051 Net 17.95

SERIES 3 LECTRON SET—make a solid state radio with speaker in 2 minutes and 55 more projects—all of Series 2 plus Intercom, voice transmitter, public address and telephone amplifier, automatic night light, etc. Shog. wt. 314 lbs. 19 R 18044 Net 24.95

## **Computer and Hobby Kits**

## GENIAC® COMPUTER KITS



For School. For Science Fairs. For Advanced Experimenters

- Over 800 Parts
- Computes, Reasons, Plays Games
- Composes Music. Forecasts Weather
- Design Your Own Computers

#### DOUBLE GENIAC

The newest kit in famous Geniac series! The "Double" Geniac contains over 800 parts. Two of everything in the Standard model. Offers the advanced experimenter a far wider range of activities. Perfect for school demonstration, Multiple setup is ideal for Science Fair projects—submit one or more designs. Build "electric brains" that test intelligence —code and decode—add, subtract, multiply and divide—solve puzzles—play games—fore-cast weather—reason in syllogisms—information and logic circuits, No soldering required. Easily assembled and operated, 64 page guide and reference book, beginners manual, wiring diagrams and many extra pamphlets outlining projects and methods. Complete with mounting rack and batteries. Shop. W. 9 hs. plete with mounting rack and batteries. Shpg. wt., 9 lbs. 19 R 38034

#### STANDARD GENIAC

You build up to 125 exciting "electric brain" machines. Has special circuits for forecasting weather. No soldering required. Comes complete with extra pamphlets including 64-page "Simple Electronic Brains and How To Make Them." "Symbolic Analysis of Relay and Switching Circuits," "Beginner's Manual," "Machine to Compose Music," wiring diagrams, etc. Complete with battery. 1642x1134". Shpg. wt., 444 lbs.

19 R 38042

Net 11.95

## MAGIC-GLO BLACK LIGHT KIT



- Learn Invisible Detection
- Write Secret Messages
- Educational— Scientific
- Enjoyable-Interesting

The Black Light Kit enables you to see the invisible. Guaranteed completely safe and harmiess. This kit allows children to study the phenomena of fluorescence and phosphorescence. Set contains black light, socket and cord, laboratory lamp stand, 4 jars of fluorescent paint, invisible ink, invisible crayon, tracer powder. 3 fluorescent mineral specimens, phosphoragram, optical bleach, brushes and pen, and a pkg. of fluorescent materials. Enables the student to perform endless numbers of fascinating experiments. The amply illustrated 48 page bookket "The Story of Black Light — The Unseen World Around Us," explains the use of black light in fields such as mineralogy, electronics, crime detection, medicine, stamp collecting and many others. Shop. wt., 2½ lbs.

19 R 13029 Replacement U.V. Bulb for above

Net 12.95

## TRANSISTOR RADIO AND BROADCAST KIT



Use It Either As An AM Wireless Broadcaster or AM Radio Receiver

Transmit your own radio program with this safe, battery-operated transistorized broadcaster or receive AM radio programs, includes headphone, broadcast microphone for home broadcasts, Alnico loudspeaker, antenna, plus all other required parts. Big 18" plastic cabinet. Easy to assemble with instructions provided. Operates on 3 inexpensive "C" cells (not included). Shgg. wt., 2% lbs.
19 R 31096W Less batteries
99 R 62572 C Batteries (3 required)
Net ea. .16

## ANALOG COMPUTER KIT



- Ideal Introduction to Basic Elements of Analog Computers
- Work Over 50 Experiments
- Easy-to-Assemble with Screwdriver and Pliers
- Learn the Way to Sound Scientific Knowledge

Analog Computer Kit offering a basic introanalog computer Nt offering a basic intro-duction to computer theory—gives accurate answers to practical problems. Perform over 50 experiments—multiplication, division, powers, square roots, rocketry, interest, radio-active decay, light, kinetic energy, etc. Level of accuracy better than 5%. The com-puter consists of a masonite, solid instrument panel, kits, potentiometers, meter specially calibrated scales, guide and operating booklet. Easy-to-assemble.

19 R 38059 Shpg. wt., 41/4 lbs. Net 14.95

## INFORMATION RETRIEVAL PORTABLE MEMORY CARD FILE SYSTEM



1295 2.00 How to file a card in 25 places

simultaneously.

For the busy scientist, engineer, teacher, businessman or student who must keep basic information on file. NOW the Genlac Portable Memory Unit, (PMU), a low cost Information retrieval system can conservatively sort 400 cards per minute—using no electrical parts or gadgets. Sorting is by rods. Information is coded into the cards by matching prepunched holes around the edge of ing prepunched holes around the edge of the card. No previous knowledge is necessary. Once coded the card is filed at rando and will automatically appear during sorts. Includes a single hand punch, sorting rods and 200 cards. Shpg. wt., 3¾ lbs.

19 R 38018 Dauble Punch: For use when more extensive coding requires punching of double rows. Shpg. wt., 1/2 ib. 19 R 65011 Net 9.00

Additional Cards. Pkg. of 100 Shpg. wt., 3¾ lbs. 19 R 38026

Net 3.92

#### MASTER FILE

includes same components as above plus filing cabinet and 1200 cards. Shpg. wt., 19 R 38067W



Provides an insight to the Complex World of the Computer

The Logix electronic computer provides an introduction to com-The Logix electronic computer provides an introduction to computer technology by mean of numerous experiments and programs. Its fundamental principles correspond to those of infinitely larger computers systematically showing what makes them work and how they can be used. "Snapin" type parts simplify assembly of the console. Once assembled its manual details 39 different programs, progressing from very simple to more and more complex ones. Setting up a program simply involves connecting wires on the top side of the console exactly as shown in a wiring scheme. With each program is learned the logic that goes with it. You can play computerized games with an opponent, or match wits with the computer. Computerized weather forecasting is obtained by use of weather

MACLIPA

PROGRAMMING

input. Similarly, the computer can diagnose illness and recommend therapy. You can program airline bookings, routing of long distance telephone calls, mixing of complex colors, translation of languages, detection of criminals and investigation of cybernetic problems. Nine advanced programs deal with the binary system, complex mathematical calculations, Venn diagrams, and the law of sets as well as playing a game of computerized chess, in addition provisions are made for individuals own creative programming. Kit is complete with 112 name manual. less flashlight battery shgs, wit. 246 lbs. 112 page manual, less flashlight battery. Shpg. wt., 21/2 lbs.

19 R 23002 Complete Kit (less battery) 99 R 62564 D Cell for above (2 Reg.) Net .18

## NEW

## MINILAB SCIENCE KITS

## COMPLETE EASY-TO-BUILD SCIENCE PROJECTS





· Explains Scientific Principles Involved Instructions and Additional

Experiments

ELECTRIC BELL KIT, Makes push-button bell, buzzer and telegraph key, Teaches how electricity and magnetism create sound. Morse Code. Less battery. 19 R 14001 Shpg. wt., 4 oz. .... Net 1.98 D Cell for above (1 Req.)

99 R 62564 Net ea. .18

ELECTRIC MOTOR KIT. Wind armature, construct motor, adjust speed running forward and backward. Illustrates electromagnetic principles, Less battery.

19 R 14027 Shpg. wt., 4 oz. D Cell for above (1 Req.) Net 1.98 99 R 62564

LENS AND LIGHT LAB. Convex and concave lenses are used to bend light, project and focus images, build a simple telescope and many other interesting lens activities. 19 R J4035 Shpg. wt., 4 oz. .... Net 1.98

NYDRAULIC PUMP KIT. Bulld working lift, force and compression pumps, Interior cylinder, piston valves and reservoir visible while pump is working. Shoots a stream of water 25 feet.

Net 1.98

Bot a Kit-

VISIBLE FLASHLIGHT KIT. Construct a rugged transparent flashlight and understand basics of electrical circuits and function of switches in controlling electricity. Less bat-

19 R 14019 Shpg. wt., 4 oz. ... Net 1.98 D Cell for above (2 Req.) 99 R 62564 Net .18

WEIGHT MEASUREMENT KIT. Assemble an accurate double-platform scale using factoryaccurate gram weights. Perform experiments in comparative weight measurement.

99 R 14050 Shpg. wt., 4 oz. .... Net 1.98

CAMERA AND PRISM LAB, Build a working pinhole camera. The prism, mirror and color filters permit experiments in bending and reflecting light and investigating the color

19 R 14068 Shpg. wt., 4 oz. .... Net 1.98

## SOLID-STATE TREASURE/METAL LOCATOR

New Design Using Integrated Circuit

19 R 14043 Shog, wt., 4 oz.

 Gives Positive Variable Audible Signal Indicating The Presence Of Buried Coins And Metal Objects

· Locates Both Ferrous Metals (Iron, Steel, Tin) And Non-Ferrous Metals (Gold, Silver, Copper)



See Page 22 for Full Credit Details on Easy Pay Plan



## **LAFAYETTE Solid State Modules**

FOR HOBBYISTS, EXPERIMENTERS AND KIT BUILDERS

- All Solid State
- · Completely Wired

Low As

- Fully and Permanently Encapsulated
- Pre-Tested for Performance
- With Instructions and Parts List



 Compact Modular Circuitry Lafayette semiconductor modules are especially designed for many educational, enjoyable, and useful projects. Each permanent module encapsulates the complete solid state circuit required for each project, ect, less accessories. With a few additional simple connections to

accessories below such as batteries, speaker, etc., you create an enjoyable and practical device. Every module is carefully checked for reliable performance. Supplied complete with instructions and parts list. Size: Approx. 134L x 1½W". Shpg. wt., 4 oz.

ELECTRONIC SIREN MODULE
Complete solid state electronic circultry
ready for immediate use as a modern efficient high volume siren. It will drive any
8 ohm P.M. speaker to a very high level of
attention-getting volume with an upward
scream and downward wall. Use with: A,
H, I, J. See accessory list below.
19 R 55053

Net 2.98

FM WIRELESS MICROPHONE MODULE

Ready for immediate use as an efficient wireless means of transmitting your voice over moderate distances within a home, from a high impedance microphone into y standard FM radio. Use with B, C, O, 19 R 55277

BURGLAR ALARM MODULE WITH SIREN ALARM Protect your home, car, boat, garage, etc., with this efficient burgiar alarm module. Complete electronic circuitry with a built-in electronic high volume upward screaming

siren as the alarm sounds. Use with: A, H. I. K. 19 R 55061 Net 2,98

OUAL FLASHER MODULE
For Auto Road Warning Lights, Window and
Counter Display, Attention Getters, Model
Train Grade Crossings Flasher, Emergency
Boat Flasher, Slcycle Rear Wheel Flasher,
Alarm Indicator, etc.
A complete solid state astable multivibrator
with a cycling rate of about 100 times per
minute. Use with: A, 2 ea. S, 2 ea. T.

19 R 55194 Net 1.98

SIGNAL INJECTOR MODULE

For RF and AF Trouble Shooting An efficient signal injector which generates a 2Kc audio frequency signal with modulated radio frequency harmonics up to 30 Mc. Enables isolation of defective electronic stages. Use with: D. E. 19 R 55269

CB MICROPHONE PREAMP MODULE

Effectively increases CB modulation for more dependable communications. More than doudependable communications, more than doubles the sensitivity and output of your microphone when powered by a 1½ volt battery. Use with: B, C, W, AA on accessory list. 19 R 55152 Net 2.98

TELEPHONE AMPLIFIER MODULE

Compact module with complete solid state circultry for use as a telephone amplifier. Permits group and conference listening to any phone conversation. Use with: A, H, Q. Y. DO.

19 R 55129

AM WIRELESS MICROPHONE MODULE Transmit from your high impedance microphone (crystal, ceramic, high impedance dynamic) into any AM broadcast band radio in your home. Meets FCC regulations. No license or registration is required. Use with: D, E, O or P, BB. See accessory list. Net 2.98

METROHOME MODULE

An excellent aid for keeping proper beat in music and dancing. Capable of reproducing beats at varying frequencies ranging from 40 cycles to over 300 cycles per minute. Use with: A. H. I, Z. DD.

19 R 55202

Net 1.98

INTERCOM AMPLIFIER MODULE

low cost highly efficient intercom module that facilitates conversations between two separate and remote points. Use with: A, L, U, CC and two H.
19 R 55137 Net 2.98

PUBLIC ADDRESS AMPLIFIER MODULE

Complete Solid state circuitry for immediate use as a public address amplifier and for use in portable high gain P.A. systems. Produces clear audio signal sufficient for large rooms. Ideal for small gatherings and business meeting. Use with: A, G, O or P, Y, DD. 19 R 55111 Net 2.98

BABY NURSE AMPLIFIER MODULE

will amplify not only a baby's whimper, but even report his normal movements and breathing in his crib, Use with: A, U, CC, and 2 ea. M.

19 R 55145

Net 2.98

ELECTRONIC LATCHING RELAY MODULE
For Momentary Break Contact to Operate
Tamper-Proof "Lock-On" Switch, ideal for
Burglar and Emergency Alarms, Ready for
immediate use as an efficient latching relay
for controlled switching of a 6 volt D.C.
power source into any secondary circuit
drawling up to 1/2 amps. Any momentary
breaking of contact at "momentary switch"
will fire module "on" (supplying current to
a secondary circuit) and will stay "on" until
manually reset, Use with: A, I, K.
19 R S5079
Net 2,98 19 R 55079

BIRD CALL MODULE

BIRD CALL MODULE
Bird Call Simulator
Complete electronic circuitry ready for immediate use for electronically reproducing bird calls. Capable of simulating the songs of canaries, parakeets, and other exotic warbling birds. Use with: 8, C, F, I.
59.8-55178
Net 2.98

GUITAR AMPLIFIER MODULE

Electrify your guitar with this gultar ampli-fler module. Complete solid state circuitry ready for immediate use as a sensitive and efficient gultar amplifier. Use with: A, G, N, Y and DD below. 19 R 55103

WIRELESS CODE OSCILLATOR MODULE

Transmit code into any AM radio over moder-ate distances when connected to a small 9-volt transistor battery and any telegraph key. Meets FCC regulations, no license or registration is required. Use with: D, E, M and BB below. 19 R 55236 Net 1 49



## LAFAYETTE CONVERTER MODULES

LISTEN TO POLICE

Net 2.98

New you can have the thrill of listening to the exciting police broadcasts, the fire de-partment calls, communications between planes and ground stations as well as international shortwave bands. Simple to connect Same as above but tunes 25, 31, and 41 to your present AM broadcast radio. Size: meter bands (7-12 MHz.). Use with D, E, BB. 13% x 3/4 x 1". Control extends 1½". Shpe. See accessory list below. wt., 4 oz.

FIRE, AIRCRAFT, AND VHF POLICE AND FIRE CONVERTER MODULE SHORTWAVE ON YOUR Permits reception of police and fire calls in the 30-50 MHz band on your standard broadcast band AM radio, Use with D, E, BB. See list below.

Net 5.00

19 R 55285

SHORTWAVE CONVERTER MODULE See accessory list below. Net 5.00 FM VHF POLICE AND WEATHER CONVERTER MODULE

Permits reception of 150-164 MHz FM-VHF police, fire, emergency, marine and weather transmissions on a standard FM radio. Use with D, E, U, CC, BB. See accessory list helow 19 R 55368

AIRCRAFT CONVERTER MODULE

Same as above but for reception of 118 to 128 MHz. Band Use with D, E. See accessory list below.

#### ACCESSORIES FOR SOLID STATE MODULES ABOVE

A. 32 R 48184	1.13	Data- C. M. M. L. A.	Stock No.	Price	nescription
		Battery, 6 Volt Lantern	O. 99 R 45106	1 95	Microphone, Lapel Crystal
B. 99 R 62564	.18	Battery, 11/2 Volt "D"	P. 99 R 45437	2 49	Microphone, Hand Held/Desk Crystal
C. 34 R 50137	.33	Holder for B	Q. 99 R 10340		Telephone Pickup Coil
D. 99 R 60212	.29	Battery, 9 Volt	S. 32 R 66194		#47 Pilot Light Bulb
E. 99 R 62879	.29	Clips for D	T. 32 R 28053		Socket for #47 Bulb
F. 99 R 60329	.99	Speaker, PM, 8 ohm, 3"			
G. 44 R 01030	5.95	Speaker, PM, 8 ohm, 8"	U. 32 R 22510		Potentiometer, 5,000 Ohm/SPST Switch
H. 32 R 22056	3.59	Speaker, PM, 8 ohm, 6"	W. 32 R 22544		Potentiometer, 1/2 Megohm with Switch
1. 99 R 61509	.34	Switch, SPST, On-Off	Y. 32 R 22551	.74	Potentiometer, 1 Megohm with Switch
J. 99 R 62184	.24	Switch, SPST, Push-Button, Momentary, NO.	Z. 33 R 11552	1.17	Potentiometer, 2 Megohm
K. 34 R 60029	.63	Switch, SPST, Momentary, NC	AA. 32 R 13071	1.17	Microphone Cable, Shielded (Cut to 3 ft.)
L. 30 R 41241	1.41	Switch, 4PDT	BB. 32 R 31909		Wire, Antenna (Cut to less than 10 ft.)
			CC. 32 R 24052		Knob, Minlature
M. 99 R 25553	2.50	Telegraph Key	DD. 32 R 24185		Knob
N. 99 R 45767	1.89	Microphone, Guitar Contact			

# Mod-u-Kits-Educational, Useful, And Fun to Build



#### AM BROADCAST RADIO KIT

Learn as you build this fun-giving AM broad-cast radio, ingenious solid state circuitry uses a novel 2 transistor audio-reflex circuit uses a novel 2 transistor audio-reflex circuit with diode detection. Gives high gain at very low current drain. Complete with all parts, case, earphone and instructions. Supplied with matching transformer to permit use as an AM tuner. Powered by a single 9 volt battery. 3 x 2 x 114", Shpg. wt., 7 oz.

19 R 70029 less battery 99 R 60212 battery ......

#### B AIRCRAFT RECEIVER KIT

Listen to airplane to ground communications. Will pick up and amplify the strongest signals in its vicinity in the 100 to 200 MHz range. Has 3-stage high gain amplifier. Circultry incorporates a passive detector that does not radiate signals. Does not interfere with aircraft navigational systems. Telescoping antenna. Supplied with earphone. Unplugging earphone disconnects power. Powered by a single 9 volt bettery. DC Size: 32/21/4/". Shpg., wt., 6 oz. Listen to airplane to ground communications.

19 R70086 Less Battery 99 R 60212 Battery

Net 5.95 Net 29

Net 4.95

Net .29

#### AM WIRELESS MIKE KIT

Transmits through any standard AM radio.

Can be located up to 50-ft, away from set, Basic 2-transistor circuit. Frequency varied by tuneable coll. Complete with crystal mike and telescoping antenna.

Size: 3x2x11/4". Shpx. wt., 6 oz.

19 R 70094 Less Battery \_\_\_\_ 99 R 60212 9V Battery Net 29

E INTRUDER SOUND-LIGHT ALARM KIT

Novel security device detects intruders. Sounds picked up in room or house by micro-phone included and sensitive amplifier turns on light or sounds alarm, Sensitivity control sets noise threshold. Housed in walnut finished aluminum case. Size, 5x4x21/2"

19 R 70219 Shpg. wt., 1 lb., Net 19.95 Electric Alarm Bell 110 VAC for above. 99 R 90235 Shpg. wt., 1 lb. Net 2.95

Line cord for bell. Wt. 4 oz. Net

An alarm at the touch of the hand! The Proximity Switch kit when properly built can be used as a special light alarm and night light. Can control devices using uni-versal type motors up to 2 amps, and can

#### 5-WATT UNIV. AMPLIFIER KIT 0

Excellent as a portable amplifier, guitar amplifier, etc. Complete with all parts, case, appliner, etc. Complete with an parts, case, volume control, and instructions. Works on a 6-volt battery or power supply. Will accept almost any type of pickup device, i.e., phono cartridge, tuner, etc.; will work with any 3-ohm to 16-ohm PM speakers. 3" x 2" x 11/5". 19 R 70011 Shpg. wt., 7 oz. .... Net 5.95

#### FM WIRELESS MIKE KIT

Transmits your voice to be picked up by any standard FM radio. 2-transistor circuit with an audio modulator and R.F. oscillator. Frequency controlled by external trimmer condenser. Complete with mike and telescoping antenna. Size: 3x2x13/4.

Shpg. wt., 6 02. 19 R 70102 Less Battery 99 R 60212 9V Battery

Net 8.95 Net .29

PROXIMITY SWITCH KIT

trigger off an alarm when used with a special transformer and AC supply. Touching a door knob or other chosen part switches circuit on! 4x3x176".

18 R 70045 Shpg, wt., 34 lb. .... Net 6.95

## MOD-U-KIT PSYCHEDELIC LIGHT KITS

FREQUENCY CONTROLLED 3-CHANNEL PSYCHEDELIC CONTROL CENTER KIT



 Frequency Controlled 500 Watts Per Channel - 1500 Watts Total

A 3-channel sound to light control center providing frequency separation of the incoming sound into 3 parts: low frequencies— 60 Hz to 1 kHz, medium frequencies — 1 kHz to 3 kHz, high frequencies — 3 kHz to 15 kHz. Uses triacs to control 500 watts of light per channel for a total of 1500 watts: Each channel has its own sensitivity control and an AC outlet. On/off neon panel indicator. Size: 5x4½x2½".

19 R 70185 Shpg. wt., 11/2 lbs. Net 24.95

3-CHANNEL PSYCHEDELIC CONTROL CENTER KIT



Responds to Intensity of Sound Provides 500 Watts Per Channel – 1500 Watts Total

Converts audio signals to 1500 watts of available external psychedelic lighting. The audio input signal is directly applied to 3 separate SCR's. Has 3 individual sensitivity controls for 3 separate channels each capable of accommodating 500 watts of external light. Housed in walnut finish aluminum case. Size 5x4x24x".

19 R 70169 Shpg. wt., 11/2 lbs. Net 12.95

WIRELESS SOUND TO LIGHT **CONVERTER KIT** 



- Requires No Connection To Equipment
- Controls 500 Watts of External Psychedelic Lighting

Converts the rhythm and intensity of any sound, voice or music to psychedelic light keying signass. Extremely sensitive microphone included and high gain amplifier with sensitivity control, responds to all sounds anywhere in the vicinity. No wire hookup needed. Will modulate sound up to 500 watts of external lighting. Size: 5x4x2½". Shpg. wt., 11/2 lbs.

Net 12.95

#### SOUND TO LIGHT CONVERTER KIT

 Supplies 100 Watts Of Psychedelic Lighting!

Accepts sound from any radio, hi-fl, phono, or any amplifier and changes these direct audio signals to light keying signals. In addition to 4 colored pilot light indicators plugged into the unit, an AC socket supplies 100 watts of external psychedicii clighting which varies with the sound. Shpg. wt., 1 lb. 19 R 70151 Net 5.95



## ELECTRONIC STROBE KIT

100 Watt Incandescent Lamp Strobe

This electronic strobe converts a 100 watt incandescent bulb into a strobe type lighting unit which gives eerie stopmotion and lightburst effects for light shows. An adjustable frequency audio oscillator and SCR circult controls the lamp. The pulsations can be varied from fast to a one pulse per second

19 R 70177 Wt., 1 lb. Net 9.95



## **EICOCRAFT** Solid-State Kits

- # FAST
- # EDUCATIONAL
- USEFUL



### NO TECHNICAL KNOWLEDGE OR EXPERIENCE NECESSARY

- Ideal For Science Fair Projects
  - All Solid-State Circuitry
  - Pre-Drilled, Copper-Plated Etched Printed Circuit Boards

Comprehensive Step-By-Step Instructions

AS LOW AS .

50

## MINI COLOR ORGAN KIT



EC-3000, Converts your favorite music

your favorité music to an entertaining display of multicolor red, blue and green 3 dimensional patterns varying to the amplitude of the sound source. Molded plastic cabinet has 8 x 8" viewing screen. For 115 VAC 60 Hz. Shpg. wt. 11/2 lbs.

19 R 66183

**ELECTRONIC STROBE** LIGHT KIT



NFW!

EC-3804 Xenon strobe light to provide the combos, discotheques, etc. Has adjustable flash rate control. Ideal for home entertainment, decor and display use. Easy-to-build. 19 R 66225 Ship, wt., 11/4 lbs, Net 19.95

## "VARASPEED" MOTOR CONTROL

KIT



EC-3600. Varies and controls the speed of power tools and appliances having AC/DC Motors. Handles up to 10 amps in a smooth MOTORS, Handles up to 10 amps in a smooth continuous manner from 0 to full RPM. Has 3 position "Variable-Off-Full Speed" switch. Fused, with 3 wire receptacles and 3 ft. heavy-duty line cord. For 115 VAC 60 Hz. 19 R 66209 Shpg. wt., 12 oz. Net 13,95

# TREASURE FINDER 195

EC-1900 Battery operated heat-frequency metal locator can be used to (iron, steel etc) and

non-ferrous (gold Has two RF osc silver, copper) metals. non-terrous (gold, silver, copper) metals. Has two RF oscillators and search loop. Distinctive audio variations in tone indicate the presence of buried metal objects over a wide area. Use with A. Shgg. wt., 6 oz. 19 R 66100 Net 9.95

## WIRELESS MIKE



195

EC-1100 Pocket size wireless PM microphone transmitter permits you broadcast your voice or music through any

FM standard broadcast radio or tuner, without any interconnecting cables. Broadcasts on vacant frequency in FM band. 90-100 MHz. No license or age requirements. Use with A. Shpg. wt., 6 oz. 19 P 66019 Net 9.95

## ELECTRONIC ORGAN KIT



EC-2000 Battery operated one octave (8 tones) electronic organ. Supplied with a built-in preamplifier. Has outputs for mellow, bright or flute-like tones. Two or more can be played in-harmony to produce chords. An excellent multitone audio generator for testing. Use with A. Shpg. wt., 6 oz. 19 R 66118 Net 9.95

#### CODE OSCILLATOR KIT

EC-1000 Two transistor code practice oscillator produces strong, sharp tones. Can be used as monitor by paralleling an existing transmitter key. Other uses as bicycle horn, doorbell, entry signaller, etc. Use with B, D and E. Shpg. wt., 4 oz. 19 P 66050 Net 2.50

## **ELECTRONIC BONGOS KIT**

EC-1600. Electronically produces exciting percussive sounds of bongos, tomtoms, bass drum, marimba, gongs, etc. when used with amplifier and speaker. Ideal accessary for use with electronic guitars, Mounts on or near instrument. Use with B. Shpg. Wt., 5 oz. 19 R 66084

#### 2 STATION INTERCOM KIT

EC-3100. Sensitive battery-operated 2-station intercom system for room-to-room and front-door communication. Master and remote door communication. Master and remote stations have beep-tone call signal. Kit in-cludes battery, 50-ft, wire, and plastic cabinets

19 R 66191 Shpg. wt., 1 lb. Net 10.95

#### VOICE-OPERATED SWITCH KIT

EC-1300. An audio-activated relay amplifier for audio remote control of such devices as tape recorder, radio, TV, etc. Activated by music as well as voice. Provides variable time delay (adjustable), Use with B, Shog, wt., 6 oz.

#### LOW BAND POLICE AND FIRE CONVERTER KIT

EC-2700, An RF converter operating in the 30-50 MHz VHF band which permits you to hear police, fire and emergency services on your standard AM radio. Inductively coupled without interconnecting wires. Use with A. Shpg. wt., 5 oz. 19 R 66126

Net 7.95

#### FM RADIO KIT

EC-1400. Receives the FM broadcast band from 88-100 MHz. May be used as a private listening personal radio with earphone sup-plied, or as an FM tuner when coupled with audio amplifier such as EC-300. Use with B, Shpg. wt., 6 oz.

19 R 66092 Net 9.95

#### FUZZBOX KIT

EC-2500. Creates a wide variety of synthe-sized tones consisting of multiple harmonics and square waves to produce the fuzz sound. Mounts on guitar amplifier with ON-OFF side switch which mounts on guitar. Use with A. Shpg. wt., 6 oz.

19 R 66159 Net 8.95

#### AC POWER SUPPLY KIT

EC-900. Transformer operated full-wave bridge rectifier power supply converts house current (110-125 VAC) to 6V DC. It can powcurrent (10-125 VAC) to 6V DC. It can power all Elocaraft kits using 6V batteries, eliminating battery operation and converting to AC use. Ships. wt., 13 oz.

16 R 66076 For Suitable Enclosures See page 295

#### HI BAND POLICE AND FIRE CONVERTER KIT

Convert your standard home) AM radio to receive police, fire, mar-ine and weather broadcasts in the 152-174 VHF band, Inductively coupled without interconnecting wires. Use with A. Shpg. wt., 5 07

19 R 66134 Net 7 95

### AUDIO POWER AMPLIFIER KIT

EC-300. General purpose 2-watt audio amp-lifier. Accepts microphone, phono cartridge, radio, recorder and other high-level inputs. Two used for stereo, Handles one or more speakers for Intercom, PA. or long distance halling. Use with B and E. Shpg. wt., 5 oz. 19 R 66027 Net 5.95

#### ELECTRONIC "MYSTIFIER" KIT

EC-700. A fascinating "do nothing" relaxa-tion oscillator circuit of 6 blinking lights whose random geometric sequence of blinks you control. An ideal conversation piece for desk, den or mantle. Use with C. Shpg. wt., 5 oz.

19 R 66035

Net 4.95

#### EICOCRAFT KIT ACCESSORIES

_					
A.	99 1	60212	Battery, 9 Volt	Net	.2
8.	32 1	R 48184	6V. Lantern Batt.	Net	1.13
C.	32 1	R 48515	Battery, 90 Volt	Net	2.90
			Telegraph Key		
E.	99 1	₹ 60394	3.2 Ω, 2½" spkr	Net	.99

Make Lafayette Your One Dependable Source for Everything in Electronics

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## **Educational Science Specialties**

GILBERT TRI-LAB-PAK 3 SCIENCE KITS IN 1!

## Over 95 Experiments in Microscope Observation. Chemistry and Geology Illuminated 75x Microscope

Includes Chemicals, Specimens and Apparatus

Ideal for fascinating hours of microscope observation, chemical ex-perimentation and geological exploration by the junior scientist. Complete Instruction manual explains manufacture of inks, soaps, and dyes, chemical experiments, geological procedures and mineral identification and techniques of the microscope. Equipment for over 95 experiments includes illuminated die-cast metal 75x microscope, 95 experiments includes: illuminated die-cast metal 75x microscope, sildes, 9 bottles of chemicals, test tubes and rack, alcohol lamp with blowforch, mineral specimens and identification wall chart, geologists hammer, and other associated lab testing apparatus and tools utilized in laboratory experimentation. Complete with detailed instruction manual. Shpg. wt., 5 lbs. Net 10.99

### GILBERT WEATHERCRAFT METEOROLOGY LAB

- Build and Use Barometer. Wind Vane, Psychrometer and Rain Gauge
- Forecast Weather Accurately



Be your own meteorologist and simply forecast the weather. This deluxe weather laboratory kit contains every instrument necessary for extremely accurate weather prediction, Includes: a wind vane to show wind direction and an amemometer to give its speed; a compensated aneroid barometer provides barometric pressure; a psychrometer determines relative humidity; a set of graphs for charting air pressure and temperature; a detailed weather map and cloud chart. A gauge measures rainfall to 1/100th inch, and a detailed manual shows how to make accurate forecasts. Requires 2 "C" batteries, not supplied. Shpg. wt., 3 lbs. 19 R 34082 Less batteries 99 R 62572 1.5v C battery (2 required)

Net 9,99 Net ea.

WEATHER STATION KIT



FOR

Fun to erect and fascinating to use, this weather station kit operates with flashing neon lights to show wind speed and direc-tion on indoor indicator board. Includes a sensitive air tank barometer with 4-ft, in dicator column, a sling psychrometer to measure relative humidity, rain gauge with scale calibrated to measure 1/100th of an inch rainfall, cloud chart, weather map and forecasting manual, 150 ft. wire supplied, enough for a 2-story house. Safety power cord. All connections safe to touch. Shpg. wt., 3 3/4 lbs 19 R 30023 Net 10.95 NOVATRON

- A SCIENTIFIC INSTRUMENT FOR THE EXPERIMENTER
- Miniature Atom Smasher
- Produces 75,000 Volts
- Absolutely Safe

**Completely Wired** (Not A Kit)



A scientific instrument capable of producing 75,000 votts makes sparks up to 2" long-75,000 Votts—makes sparks up to 2 tong—
yet it is absolutely spare because the current 
is infinitesimal. The science-teacher—science lover—or hobbyist can perform experiments to astound students—friends—family. Makes smoke disappear-dely gravity-turns propellers at a distance—transforms atomic energy into light—makes artificial lightning —smashes atoms—demonstrates ionic space

- smasnes atoms - demonstrates tonic space ship drive—and many other experiments, Includes an experimental kit and illustrated experiment manual, A fine research tool that will give years of beneficial service, 110 VAC. Imported, Assembled.

99 R 90086 Shpg. wt., 3 lbs. Net 13.95

### **ELECTROCRAFT MASTER ELECTRIC BUILD-IT SET**

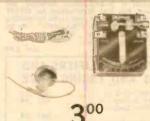


kit in the field of electricity that enables the student to make any one of over 30 projects student to make any one or over su projects including motor driven hot rod, motor driven dune buggy, lamp, flashlight, electro-magnet, telegraph set, electric crane and many others. All projects are battery operated. Easy-to-read, illustrated 76-page instruction-manual. Size: 21½x13½x2¾". Shpg. wt.

2½ lbs. 19 R 64030 Less Batteries Net 8,95

Batteries For Above 99 R 62564 "D" 2 req. 99 R 62580 "AA" 2 req. Net ea. Net ea.

SKY ROVER CRYSTAL RADIO KIT



Easy to assemble, brings in loud, clear reception. Precision wound tuning coil, supersensitive crystal, bakelile cabinet. No batteries or electricity required. Complete with earphone with plastic ear-holder, antenna lead-in wire, and hardware. Requires external antenna (not supplied). Net 3,00

19 R 58024 Shpg. wt., 1 lb. Antenna kit. Wt., 11/4 lbs.

Net 2.35

Ingenious kit for studying some basic nuclear physics by experimentation. See the vapor trails of alpha and beta particles, and of cosmic rays. Shows exploding atoms. Instruction book covers such experiments as detecting radioactivity with a cloud cham-ber, with a spinthariscope, and with radio-autographs; checking radioactivity with an electroscope, detecting ionization and others. Kit includes radioactive materials. Shpg.

19 R 30015

### ATOMIC ENERGY LAB



wt., 31/2 lbs.

MINERAL TEKNIKIT SET 1



As Low As

Contains 48 specimens of ore, fossils, elements, plutonics, oxides, vol-canics, hypabyssals, effusive crystals, com-mon and uncommon minerals. Each specimen is tagged with name and classification. An excellent introduction to rock and mineral identification. Imported. Shpg. wt., 1½ lbs. 99 R 71557 Net 2.50

SET II Includes additional specimens some of above plus carbonates, tantaline, phosphates, and gemstones. 48 specimens, imported. Shpg. wt., 1½ ibs. 99 R 71565

Special Combination. Buy both sets and save. You get all 96 specimens. Shpg. wt.. 2% lbs 99 R 71573R6 Net 4.50

Depend on Lafayette For Complete Stocks, Lowest Prices, Fastest Service

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# **Solid State Audio Amplifiers, Tuner and**

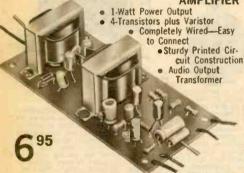


A more powerful and sensitive version of the 4-transistor amplifier on right, this amplifier employs 3 stages of audio driving a push-pull output stage. Power output is 360 mw, designed for speakers with a voice coil impedance of 8-11 ohms. Low impedance input has sensitivity of 300 microvolts. Input transformer for matching high Impedance to the amplifier input available as an accessory (see below). Comes with leads for low impedance input, speaker, volume control/on-off switch. Battery clips and leads supplied for 9 volt miniature battery (one required). Imported. Shog. wt., 5 oz.

Use with accessories below A. D. H. ort. and I.

Use with accessories below. A. D. H, or I, and J.

1-WATT 4-TRANSISTOR PUSH-PULL AUDIO **AMPLIFIER** 



One of our most powerful miniature amplifiers. It has many direct uses in audio frequency applications for tuners, test equipment, etc. Push-pull circuit is very sensitive and has an output of 1-wat! Using only 4 transistors, it requires a 12-volt source supplied by Standard 'D' cells in series. Outputs Irom record players with magnetic cartridge, tape heads, microphones, etc. (not exceeding 20 millivolts) can be connected directly. Higher output devices may be easily connected with a resistor in series. Components are neatly layed out on a printed circuit board with pre-drilled holes for mounting the entire unit in a vertical or horizontal position. Built-in leads are supplied for a volume control, on-off switch, battery and 8 nbm loudspeaker Dimensions. 47klal18/HyPLY-W. M. Imported Shop 8 ohm loudspeaker. Dimensions: 4%Lx11/2Hx21/4"W. Imported. Shpg.

wt., 5 oz... 99 R 90383 Use with accessories B and C below.

#### CODE OSCILLATOR MODULE



- Matchbook Size
- Drives Any PM Speaker

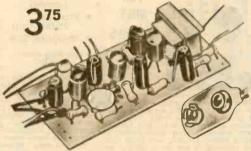
Transistorized code oscillator module ready to connect to your telegraph key, and 1½ to 6 volt battery and any PM speaker. Provides clear tone—ideal for learning Morse code. Simple connecting instructions and schematic included. Shpg. wt., 3 oz. 19 R 15131 Net .98

4-TRANSISTOR SUBMINIATURE PUSH-PULL



A tiny, transistorized push-pull audio amplifier with a multitude of A tiny, transistorized push-pull audio amplifier with a multitude of applications. Only 3" at 1½," x 1½," it can be mounted inside other equipment to serve as a subminiature phono amplifier, tape recorder, amplifier, etc. Two stages of audio are foliowed by a push-pull output stage designed to deliver 100 mw to an 8-11 ohm impedance, tow impedances input, with a sensitivity of 0.9 mv. Input transformer for matching high impedances to the amplifier available as an accessory (see below). Includes leads for input, speaker, and volume control/on-off switch. Battery clips and leads supplied for 9-volt miniature battery (one required). Imported. Shpg. wt., 4 02.
Use with accessories below. A. E. H. or I, and J.

#### 3-TRANSISTOR SUBMINIATURE AUDIO **AMPLIFIER**



- Printed Circuit
- Complete with Transistors

Here is an amazing little audio amplifier with a multitude of chal-Here Is an amazing little audio amplifier with a multitude of challenging applications; i.e., subminiature phono amplifier, tape recorder amplifier, hand-held public address amplifier, telephone pick-up amplifier, etc. Output sufficient for average listening. Has leads for any one of the following inputs: Tape recorder record/play-back heads, radio-tuner, crystal or ceramic phono cartridge, and crystal or ceramic microphone. Has lead terminations for ON-OFF switch, Yolume Cootrol, 4 to 10 ohm speaker, and leads terminating in clips for a 9-volt miniature battery. Size: 21% x114x34". Can be readily mounted on chassis. Imported. Shpg. wt., 4 oz.

Use with accessories A, C, F, and G below. 99 R 90391

Net 3.75

## ACCESSORIES FOR AMPLIFIERS AND TUNED ON THIS AND FACING PAGE

110	MEK O	M IIII3	MIND	INCHIG	IN	16
A.	99 R 6021	2ª 9 Volt Ba	ttery 3 oz		Net	.29
B.	99 R 6256	4* "D" Cell	Battery 5	02	Net	.18
C.	5,000 Ohm	Volume Contr	rol/Switch	Knob, 2 oz.		-
0.	99 R 6019	W-1 O	A	4	Net	.59
D.	32 R 22528	Volume Con			Net	7.4
ε.		m Volume Co		ch 3 oz	IAGE	.74
-				JII. J 01.	Net	.74
F.				. 3 07.		
G.	99 R 6097	2" 21/2", 10	Ohm Spea	ker. 5 ozs	Net	.99
H.	99 R 6032	9" 3", 8 Ohi	m Speaker	2 02	Net	.99
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3.				ance to amp.)		~~
	99 K 6034				Net	.99
			Imported			

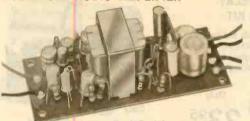
**Accessories For Experimenter and Hobbyist** 

95

3 Watt

Push-Pull Power Output 4 Transistors Plus Thermistor

1 WATT, 4 TRANSISTOR, DIRECT OUTPUT 3-TRANSISTOR SURMINIATURE AM PUSH-PULL AUDIO AMPLIFIER BROADCAST



AUDIO AMPLIFIER

1 Watt Push-Pull Power Output 4 Transistors Plus Thermistor

 Completely Wired—Easy to Connect . Direct Output-8 and 16 Ohms

Direct Output—8 and 16 Ohms

Amazingly powerful miniature solid state audio amplifier with
many direct uses in audio frequency applications for tuners, test
equipment, as a phono amplifier, tape recorder amplifier, public
address or telephone pick-up amplifier, etc. Push-pull circuit has an
output of 1 watt. Using 4 transistors and a thermistor, it requires
a single 9 volt battery. Direct output Into 8 or 16 ohm speakers
for minimum distortion. Can be readily mounted on chassis. Dimensions: 476L x 14/H x 24/4 W. Shog, wt., 6 oz. Imported. Use with accessories A, E, and H. (See p. 216.)

99 R 90979 Net 6.95 3 WATT 4 TRANSISTOR PUSH-PULL



A deluxe 3-transistor subminiature AM broadcast tuner that features 3 dependable transistors, 3 IF plus 1 oscillator transformer, and ferrite antenna in an efficient, completely wired superheterodyne circuit on a sturdy printed-circuit board. Now you can build your own nighly efficient broadcast receiver by simply adding this exceptional tuner to any of the transistor audio amplifiers listed. The long tuner leads for connecting to external amplifier and/or to a separate 9-voit battery, makes this easy as pie. Also features a large clearly visible calibrated tuning dial. The printed circuit board layout permits either vertical or portioned. printed circuit board layout permits either vertical or horizontal mounting. Supplied complete with mounting brackets and detailed instructions. Size: 4314x274 with brackets. Imported. Shgg. wt., 7 0Z. 99 R 90409

#### ADJUSTABLE POWER SUPPLY KIT



· Simple To Build

Variable 0-12VDC

Up to 1 Ampere Current

 Ideal Power Supply For Modules On This and Facing Page

This simple-to-build power supply is ideal for any application requiring a fow voltage DC source of power to be used as an alternative to batteries. Plugs into regular 110 volt AC current and delivers DC voltage which you can adjust from 0 to 12 volts at a current drain of up to 1 ampere. A neon indicator light is supplied to Indicate if the 110 AC power is on. Uses a special transformer that supplies approximately 16 VAC to a full wave bridge circuit. The DC produced is fed into a special dual transistor filter and regulating circuit. The base voltage of the first transistor is made variable by means of a control. Size: 4x4x1½°. Shpg. wt., 1¾ lbs.

Net 12.95 19 R 70110

# Completely Wired-Easy to Connect • Completely Wired-Easy to Connect A mighty amplifier with 3 wat push-pull output which fits in the palm of your hand and weighs less than 6 oz! This versatile general purpose amplifier suitable for phono amplifier, public address, intercom, monitor modulation, test equipment and a host of other uses. Sensitive 4 transister push-pull circuitry has 3 watt output, requireing a 9 voit DC so rec. Frequency response 150-10,000 cps; input impedance 2,000 ohms; Output impedance 8 and 16 ohm terminations. Components neatly laid out on printed circuit board with predrilled holes for horizontal or vertical mounting. Heat sink for power transistors. Dimensions: 31 x 23<sub>4</sub>W x 13<sub>4</sub>-W limperted. Shpg, wt., 8 oz. Use with accessories: D, and H. (See p. 216) 99 R 91324 99 R 91324



#### 20 WATT STEREO SOLID STATE AMPLIFIER MODULE

2-IC's and 8-Transistors

Separate Bass and Treble Controls

Frequency Response 30 Hz to 40 kHz

Includes Rectifier and Filter

This especially line transistor stereo amplifier delivers 10 watts per channel continuous power (RMS) into any 8 ohm speaker. Has 2-IC's and 8-transis ors. The separate bass and treble controls allow 20 db adjustment it 100 Hz and 10 kHz. The dual volume control allows simultaneous increase in volume of both channels, while the balance control allows compensation for program variations. The low noise preamp stage provides a sensitivity of 0.5 volts for use with a ceramic phono cartridge or a AMFM tuner. The direct coupled complementary symmetry circuit gives a Mi-Fi frequency

response of 30 Hz to 40 kHz %1-3 db. Includes the power supply components except a power transformer, Size: 75%" x 15%" x 43%". 19R 0.9159 Shpg. wt., 14½ bbs.
Same model as above but on two separate printed circuit boards for compact mounting. Control strip size: 75%"11½"x17%". Power amplifier size: 75%"11½"hz"4"x17%". Shpg. ext., 14½ lbs. 19 R 09167 Net 22.95

Power transformer for above amplifier modules, Shpg. wt 13/4 lbs.

217



Complete Outfit. Nothing Else to Buy

Only

Here is your opportunity to enjoy the fascinating craft of gem polishing. Kit includes Mini-Tumbler, 24/2 lb. load capacity drum and liner, 3 grades of abrasive grits plus polishing medium, assorted jewelry mountings (tie clasp, earrings, etc.), jewelry glue, and assortment of rough, exotic and aztec stones, Motor operates on 115 VAC, with built-in circuit protec-tion. Ut listed, Everything you need to go from "rocks" to "jewelry".

Net 23.95

#### **ACCESSORIES FOR TUMBLERS**

Stones. 1 lb. pkg. of Oregon Beach Agate and Jasper, Shpg. wt., 11/2 lbs 15 R 44030

15 R 58006 Shpg. wt., 134 lbs.

Net 1.89

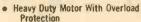
Deluxe Rough Stone Assortment, Approximately 200 agate and rose quartz, tiger eye, jasper, etc. Exotic colored rock is from all over the world; will polish to a jewelry like finish.

15 R 58014 Shpg. wt., 3 lbs.

Net 2.95

Grit and Polish Assortment Kit. Provides everything needed to polish rocks. Packed in re-sealable plastic container. Each kit contains graded silicon carbide grit and fine polish compound for fast grinding and fine finishes. Each set will process 14 lbs. of rock. 15 R 58030 For Rough Rocks, 4 step. Shpg. wt., 5 lbs.

#### PROFESSIONAL 12 POUND HEXAGONAL TUMBLER



Nylon Bearings For Smooth Operation And Long Life

Vinyl Covered Rollers For Quiet Rotation

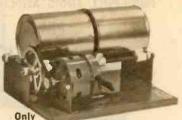
UL Listed

4495

No Money Down\*

This professional rock tumbler is ruggedly designed for long, hard wear. The heavy gauge steel hexagonal drum has a 12 pound (9 pints) capacity. Features an overload protected, continuous duty fan cooled motor ... runs over 50° cooler. Shuts off automatically when motor overheats. Prevents burnt-out motor should power fail or circuits overload. Neoprene gasket and rubber double seal prevents leakage and gas build-up. Sturdy wood grained steel base covers protect motor from dirt and grit. Easy to clean. Shpg. wt., 21 fbs.

#### THUMLERS TUMBLER



· Grinds and Polishes Rocks. and Gem stones

A fascinating hobby-craft. You can polish all rocks to a steek, gleaming gem-like finish. Use them for decoration, put in settings, etc. Tumbling machine has two side by side barrels with a total capacity of approx. 6 lbs. of stones. This is not a knock-down kit, but a completely assembled unit ready to run with powerful continuous duty motor that oper-ates on standard 110 VAC current. Size: 7"x9"x11". Complete with cans, but less grit and can liner. See listing on left for addi-tional accessories. Shpg. wt., 746 lbs. 15 R 44014 completely assembled unit ready to run with

Accessory pack. Asst, of coarse and fine grits, pre-polish and polish, and liners for above drums. Shpg. wt., 2½ lbs. 15 R 44022

Entra Cans For Above Tumbler, 15 R 44048 Shpg. wt., 8 oz. Net ea. Extra Rubber Liners For Above, (Pkg. of 2). 15 R 44055 Shpg. wt., 8 oz. Net

#### JEWELRY MAKING KIT



 Jewelry Blanks For Mounting **Polished Stones** 



This high quality Hamilton gold plated 38 piece jewelry finding assortment enables you to mount your semi-precious stones that have been polished. Makes earrings, the clasps, bracelets, cuff finks, key ring, the tack, necklaces, adjustable finger ring, etc. from these commercial findings. Kit also contains jump rings, bell caps and a tube of jewelers on-off cement—everything you need Shoe wit 800 fement—everything you need. Shpg. wt., 8 oz. 15 R 58063

ALL-TRANSISTOR **BULL HORN** 

> Made in U.S.A. 895

> > PREASSEMBLED

• Range up to 400 feet • Weighs only 21/2 lbs.

For Hunting, Camping, Boating, Sports

A fully transistorized directional megaphone at Lafayette's low price. Lightweight, it carries your voice over 100 yards or above noise. Just press the trigger and talk, Features variable volume control and carrying strap. Uses 4-standard "D" cells (not supplied with unit). 11" long. Shpg. wt., 2 lbs.

11" long, Shi 44 R 15097 11/2-volt D batteries, 4 required, Imported, Shpg. wt., 5 oz Net ea. .16

PHILMORE DUAL BAND BROADCAST SHORTWAVE RADIO KIT

2 Bands 550-1650 kHz.

This radio covers the standard broadcast band from 550 to 1650 kMz and a shortwave band from 3 to 13 MHz, Modern circuitry with enough audio to drive a built-in 3½ inch speaker, Be rewarded with the satisfaction of having built a radio which will actually pull in standard broadcast, amateur and other shortwave stations. Includes punched chassis, grey hammertone panel, 3½" speaker, pictorial and schematic diagrams and easy-to-follow instructions. Complete with all hardware: less solder, wire and tubes. Tubes required: 1–50CS, 1–12AUB plus 1–35W4 rectifier, For 105-125 volts, AC or DC. Shpg. wt., 3½ lbs.

Net 14.65

19 R 58016 MODEL 7001CR.

Net 14.65

Shortwave antenna kit for above 32 R 30984 Shpg. wt. 11/4 lbs.

# **Hobby Kits & Specialties**

#### RENWAL VISIBLE V-8 ENGINE KIT



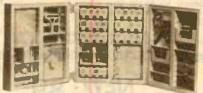
Looks And Performs Like The Real Thing

The Visible V-8 is a superb guice to the study of the internal combustion engine. Precise 1/4 scale "see-thru" model engine that simulates the power plant of V-8 autos. Parts molded in 4 colors, including "clear", so that functioning pistons, connecting rods, rocker arms and properly timed spark plugs can be observed. Powerful permag motor activates over 100 moving parts. Powered by two "C" batteries (not supplied). Complete with polystyrene cement, hardware, screwdriver, and illustrated instruction manual which details how an auto engine works. Shgs. wt., 5 lbs.

19 R 69005 Complete Kit Less Batteries Net 9.95

99 R 62572 1.5V "C" battery (2 required) Net ea. 16

#### GILBERT DELUXE CHEMCRAFT KIT



- Full Range of Chemicals and Supplies
- File Cards for Over 700 Experiments
- Six Storage Modules in Metal Case

Ideal deluxe chemistry lab kit for experimenters, hobbylsts, students, Conduct over 700 programmed experiments in chemical gardening, analytical testing, spectroscope analysis, cold fuel rocketry and many more. 6 modular storage racks hold over 26 chemicals and supplies, Advanced equipment includes precision lab scale and weights. Mydrometer, spectroscope, hydrometer, street, spectroscope, hydrometer, spectroscope, weights, hydrometer, spectroscope, hydroponics tray, alcohol lamp and blow pipe, plus all basic lab equipment such as test tubes, etc. Detailed instructions and lab procedures, Shpg. wt., 12 lbs. 19 R 34074

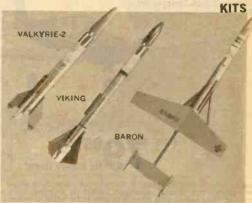
#### PHOTOGRAPHY DARKROOM LAB WITH ENLARGER





· Complete Darkroom · Fhoto Enlarger, Contact Printer, 35mm Projector - All In One Kit Outfit

Photography lab kit enables you to print and develop your own photos, enlarge 35mm shots up to 8x10", and project your 35mm negatives. Kit includes developing chemicals, printing and entarging paper, 3 trays, thermometer, neon safelight, print frame taking slides up to 3½x44,", twin condensing lenses and G.E. projection lamp. A complete photo lab in one kit. Shpg. wt., 4¼ lbs. VASHON ROCKET AND ROCKET PLANE



As Low . Looks And Performs Like The Real Thing

Safe, Non-Flammable Non-Toxic Propellant

Altitude Capability Over 1000 Feet 95 Reusable With Parachute Recovery

#### VALKYRIE-2 ROCKET KIT

Launched Mechanically or Electrically

e Launched Mechanically or Electrically
Here is an authentic, educational and yet entirely safe rocket hit for
modelers and hobbyists which demonstrates the principles of rocket
propulsion. The propellant releases no heat, is non-flammable, nontoxic and non-explosive. The 18½ inch long Valkyrie-2 which blasts
off to 1000 feet, can be safely held in hand. Uses durable polished
aluminum rocket, engine and parts, with real working valves, separator and parachute. At liftoff, the rocket starts slowly at 4 "G's," with
acceleration at burnout about 10 "G's." A timer assures deployment
of the parachute which returns the rocket for another launch. May be
either mechanically or electrically launched with a battery (not suppiled). Complete kit includes rocket, engine, timer, separator, parachute, balsa mose cone, fins, loading value and hose, electric firing
assembly, launch stand, one can of propellant, accessories and instructions. Size: 18½" long x 1" dia.

19 R 75010 Complete rocket kit. Shpg. wt.. 2¾ lbs. Net 12.95

19 R 75010 Complete rocket kit. Shpg. wt. 2¼ lbs. Net 12.95
15 oz. can of propellant sufficient for 3 Jaunchings.
19 R 75028 Shpg. wt., 1½ lbs.
6-Volt battery for electrical launching.
32 R 48184 Shpg. wt., 1¼ lbs.
Replacement ignitor wire for electrical Jaunching.
19 R 75036 Shpg. wt., 3 oz.
Net .35

#### VIKING TWO STAGE ROCKET KIT

The Viking is a complete, high performance, functioning two stage rocket with staging mechanism for in-flight separation. The first stage boosts the rocket to about 75 feet where a "burn-out" signal triggers the second stage engine. This accelerates to a velocity of 300 feet per second (200 miles per hour) while the first stage drops away. This velocity carries the second stage well over 1000 feet, where a parachute is automatically deployed to return it. All parts where a parachute is automatically deployed to return it. All parts are recovered for future flights. Both engines are the same—reload-able, highly polished aluminum construction, pre-assembled and factory tested, each using 2 ounces of propellant per flight. The kit is complete including launcher, 15 ounce can of propellant, clear, concise instructions and a booklet on the principles of multi-staged rockets. Size 20" long x 1" dia.

19 R 75051 Complete Kit. Shpg. wt., 3¼ lbs. Net 14.95 15 oz. can of propellant, sufficient for 3 launchings.

19 R 75028 Shpg. wt., 1½ lbs. Net 2.00

#### BARON ROCKET PLANE KIT

The bright red Baron Rocket Plane is a combination of a rocket and the bright red Baron Rocket Plane is a combination of a rocket and a plane. The rocket carries the plane up hundreds of feet, then catapults the plane free, at the height of its flight. While the Baron glides high in the sky, the booster rocket parachutes to earth. The aluminum booster rocket engine uses a non-flammable, non-explosive aerosol propellant and may be launched alone. The kit is complete with factory assembled and tested engine, fins, nose cone, parachute, 7 oz. can of propellant, decais, etc. and clear illustrated instructions. Size: 221/5" long x 1" dia. Shpg. wt., 21/2 lbs. 19 R 75069 Complete rocket plane kit Net 10.95 15 oz. can of propellant. 19 R 75028 Shpg. wt., 1½ lbs.

Lafayette Cat, No. 720 219

Net 2.00

# FLY THE BIG SKYHAWK BY REMOTE CONTROL



Only No Money Down\* Easy to Fly—Ideal for Beginners

One Mile Range of Control

Rechargeable Batteries with Charger

NEW! 8995

No Money Down\*

- Big 44" Wingspan-Length 27"
- Internal Combustion .049 Engine

Simple snap in wing and ready to fly radio controlled plane which incorporates true (pulse) proportional control for smoother, more realistic flight control. This plane is so easy to fly that it is recommended for beginner—no electronic or mechanical skill is required. Aircraft fuselage constructed of virtually indestructible super-impact types. styrene. Wings and horizontal stabilizer are of super light styrofoam.

Tricycle landing gear assures simple landings. High torque .049 cubic inch internal combustion engine has gas tank attached for 4 minutes of powered flight. Super sensitive 9 transistor superhet receiver combines with a powerful dual coil, twin magnet actuator for superior reliability, 8 transistor 250 milliwatt transmitter provides up to one mile range control. Simple guidance controls include finger tip trim for basic in-flight stabilization. Transmitter powered by eight 14/2 penite cells (not supplied). Complete with R/C plane,

by eight 1½/2 penite cells (not supplied). Complete with R/C plane, transmitter, battery charger, and illustrated flying instruction book. Shpg. wt., 7 lbs.
42 R 73017W for 27.145 MHz
42 R 73058W for 26.995 MHz
42 R 73090W for 27.195 MHz
42 R 73090W for 27.195 MHz
93 R 62580 1½/2 Penite cells — 8 required. Net ea. .10 Net 79.95

SKYHAWK SPECIFICATIONS flight. Transmitter: Single Tone AM Modulated Relayless Pulse. Receiver: Superheterodyne With Pulse Width Rate Decoders.

Length: Fuselage 27", Wing 44". Flying Weight: 23 ounces (approximately). Speed: 30 MPH True. Fuel Capacity: 4 Minutes powered

REMOTE CONTROL MUSTANG GT OUTFIT Prohee COMMANDO RADIO-CONTROL RACING

No License Required Testor's R/C Mustang

COMPLETE OUTFIT: Mustang, R/C Receiver, R/C Transmitter, Car Batteries, and Charger

No Money

- Completely Assembled—Ready To Use
- Twin High Torque Drive Motors
- Rechargeable Car Batteries with Charger
- · Electronic "Relay-less" Drive Control

Authentic 1/11th scale model R/C Mustang GT. Fully-assembled. Car body of glossy polystyrene. Durable chassis is tempered aluminum. Twin high torque drive motors are coupled to rear wheels through Twin high torque drive motors are coupled to rear wheels through an electronically controlled 4 transistor rear end ... achieves true differential action! True (pulse) proportional circuitry permits feather-touch control. Guidance controls include steering (left-center-right), drive motor (start-stop) and speed (high-low). Super-sensitive 9 transistor receiver combines with powerful dual coil, twin magnet actuator for superior reliability, 8 transistor 100 milliwatt transmitter provides convenient control board. Transmitter powered by eight 1.5V penlight cells, (not supplied). Complete with PLC model transmitter and battery charges. Shop will 726 this R/C model transmitter, and battery charger. Shpg. wt., 7½ lbs.
42 R 73033W for 27.095 MHz Net 79.95
42 R 73108W for 26.995 MHz Net 79.95
42 R 73124W for 27.195 MHz Net 79.95
99 R 62580 1½2V Penlight Cell, 8 req. Net ea. .10

#### MUSTANG GT SPECIFICATIONS

Length: 16 inches. Width: 6 inches. Height: 4 inches. Weight: 2 lbs., 8 ounces. Speed: 100 MPH Scale. Turning Radius: 3 feet. Transmitter: Single Tone AM Modulated Relayless Pulse. Receiver: Superheterodyne With Pulse Width Rate Decoders.

- Completely Assembled Racing Car, Engine, and Radio-Control System
- Races at Up to 240 Scale Miles per Hour
- Fully Proportional Steering and Throttle

Enjoy the unbeatable excitement of driving a 1/12 scale gas powered racing car with all the sound, action, speed, and thrills of the track... on any concrete or asphalt surface. The 'Commando' features independent front suspension, Ackerman steering, centrifugal clutch, heavy-duty rear axie and 'mag' type wheels. Rugged high-strength cycolac-body and moided frame. 100 milliwatt radio control system (No FCC license required) has fully proportional simultaneous dual-servors for separate steering and throttle control for a range of 200 feet. Car automatically stops when control range limit is reached. 0.49 Cox engine with recoil pull starter provides speed of 240 scale mph. Receiver powered by 4 AA penilite cells (not supplied) transmitter gowered by 9V battery (not supplied). Over speed of 240 scale mph. Receiver powered by 4 AA penlite cells (not supplied); transmitter powered by 9V, battery (not supplied), Overall length: 13½"; turning radius: 4'. Complete package supplied ready to race, less only fuel and batterles, including operating manual, Available in five frequencies. Shpg. wt., 40 lbs.
42 R 14003 For 26.995 MHz. Delivery from stock
42 R 14011Z For 27.045 MHz. Delivery from stock
42 R 14029Z For 27.095 MHz. Delivery 4 weeks\* Net 89.95
42 R 14037Z For 27.145 MHz. Delivery 4 weeks\* Net 89.95
42 R 14045Z For 27.195 MHz. Delivery 4 weeks\* Net 89.95
\*Shipped freight collect, FOB. Redmond, Wash.
98 R 6258D Receiver AA batteries A required.

39 R 62580 Receiver AA batteries, 4 required 32 R 47053 Transmitter 9V. battery, 1 required 32 R 46781 Engine starting battery, 1½V.

See Page 22 for Full Credit Details on Easy Pay Plan

220 Lafayette Cat. No. 720

Net 1.67 Net

.10

# ayette °



Magic Wand

NEW!

EXCITING

CHALLENGING!

Simple To Use-Safe-Educational

Explore The Phenomenon Of Cool Controlled Light

Enjoy exciting experimentation in transmitting cool controlled light resulting from in-ternal reflection in glass and plastic fibers. You can literally tie light in knots, Fiber optics provide thousands of practical and decorative applications—limited only by your ingenuity and creativeness.









LAFAYETTE INTRODUCTORY FIBER OPTICS KIT



LIGHT SOURCE



- Make Decorative Light Sprays and a flexible Trouble-Shooting Light
- . Bend Light Around Corners

Let Lafayette introduce you to the magical world of plastic and glass fibers that transmit light energy from one end to the other—safely—even underwater. You can cut and bend these flexible strands to obtain a myriad of decorative effects. This is the Ideal kil with which to get started. Xit includes a 2-ceil peniite light source (batteries not supplied); two light hood acapters, a 12" vinyl covered flexible light pipe with poilshed ends (containing 225 glass microfibers), a rigid image pipe with attached ball magnifier, 12 20 mil diameter 1 foot long plastic fibers, a fiber optics image stone and a set of instructions. Sheg. wt., 7 oz.

19 R 32003 Complete kit, less batteries — Net 5.95
99 R 62580 1149/ Penifie cell (2 required) — Net 2.9.

99 R 62580 11/2V Penlite cell (2 required)

Net ea. .10

50 FT. COLORED PLASTIC FIBERS



Add Color To Your Displays

Now you can add the touch of color to your customized fiber optics decorative displays. The 50 ft. package of fibers cut into 25—2 ft. lengths comes in five assorted colors which add immeasurably to the beauty of your lighting effects. Shpg. wt., 7 oz. 19 R 32028 Net 2.49

12 INCH GLASS FIBER LIGHT PIPE



Use additional light guides for multi-trunked light projects, Each 12" light pipe contains 225—1.8 mil diameter glass fibers bundled into a flexible vinyl covered jacket, with polished and eyeleted ends. Shpg. wt., 4 oz. 19 R 32837 — Net 1.00

LAFAYETTE HORBYIST FIBER OPTICS KIT



Make A Fiber Optics Tree And Lamp

The perfect kit for the hobbyist and experimenter. Gives complete simplified information on handling, bundling, cutting, and terminating optic fibers as well as additional suggestions for projects and applications. Colored plastic fibers permit construction of beautiful decorative illumination. Kit contains a 2-cell penilte light source (batteries not included), light hood adapter, 12" winyt covered glass light pipe (containing 225 glass microfibers), 20—1 ft, lengths of five assorted colored plastic fibers, 12" bundle of unjacketed 1.8 mil glass fibers (over 2,000 strands), 5 ft, vinyl jacketed glass light pipe, 14% rigid image pipe, 4% square fiber optic image plate, 12" square glass plate, lens, rigid image pipe with attached ball magnifier, rigid and flexible heat shrink, "Introduction to Fiber Optics Manual" and an instruction manual. Shpg. xt. 13 ez.
19 R 32011 Complete kit, less batteries Net 9.95
98 R 62580 14½V Penlite cell (2 required) Net ea. 10

99 R 62580 11/2V Penlite cell (2 required) Net ea. .10



COLORED FLAME TIP KIT

- 25 Colored Flame Tips
- 25 Fibers

Achieve truly startling lighting effects with these unique colored flame-shaped tips in decorative illuminated displays. Kit consists of 25 assorted colored plastic fiber optic flame tips, 25 one foot lengths of 20 mil plastic fiber, and instructions for mounting the tips on the fibers, Shpg. wt., 8 oz., 19 R 32 045

**BUNDLE OF 1200 GLASS FIBERS** 

Package of 12" unjacketed 1.8 mil diameter glass optic, fibers. Can be used for experiments, or displays and bundled into light guides. Shgs. wt., 4 oz. 19 R 32052 Net 1.95 Net 1.95

# **Experimenter, Semiconductor, IC Kits & Circuits**

#### RCA INTEGRATED CIRCUIT PROJECT KITS



Requires only soldering iron. Project kits come complete with:

- Active and passive components
- Predrilled printedcircuit boards
- Assembly instruc-

KC4000 Microphone Preamplifler. Build a high-gain, low noise, wideband preampilifier for both low and high impedance microphone inputs. Shpg. wt., 8 oz. 19 R 43752 Net 6.34

KC4001 Two-Channel Mixer. Combine twoinput signals into single output. Channel inputs from two microphones into a tape re-corder or combine any other two phone, radio, or microphone signals into one output. 19 R 43760 Shpg. wt., 8 oz. Net. 6.84 KC4002 Audio Oscillator. Use as code-practice oscillator or to test amateur radio trans-mitters or hi-fi and other audio equipment. 19 R 43778 Shpg. wt., 8 oz. Net 5.25 KC4003 Oscillator and Amplifier, Build a 500 mW audio amptifier or a variable-tone audio oscillator. Use in portable PA systems or in applications that require a low-power, port-

19 R 43786 Shpg. wt., 8 oz. Net 9.44 KC4500 Kit Enclosure and Hardware Pack.
A handsome, Study case with input and output jacks, switch and other hardware. Especially designed to provide the builder with a functional enclosure for their projects. Use with Kits KC4000, KC4001 and KC4002.

19 R 43794 Shpg. wt., 8 oz. Net 5.09

KC4004 9-Volt Regulated Power Supply, Suppiles 9 volts DC output with voltage regulaof 3% at a maximum current of 250mA 19 R 43661 Shpg. wt., 3/4 lb. Net 10.59 KC4005 Intruder Alarm. A circuit that develops a "whopping" signal for security

system. 19 R 43679 Shpg. wt., 8 oz. Net 7.94 KC4006 Fire Alarm. A low-melting point solder sets off this circuit for a warning

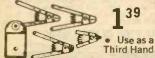
device. 19 R 43687 Shpg. wt., 8 oz. Net 7.94 KC4007 I.C. Converter Kit. 118-136 MHz. Air-

craft Band, 19 R 43695 Shpg. wt., 8 oz. Net 11.25 KC4008 I.C. Converter Kit. 135-150 MHz. Ham. Gov't, Space Band,

19 R 43703 Shpg. wt., 8 oz. Net 11.25 KC 4909 I.c. Converter Kit. 148-164 MHz. Maritime Mobile, Police, Fire Band. 19 R 43711 Shpg. wt., 8 oz. Net 11-25

KC 4010 I.C. Converter Kit. 160-174 MHz. 19 R 43729 Shpg. wt., 8 oz. .. Net 11.25

PIECE HEAT SINK KIT



Set of 5 spring toaded aluminum heat sinks to protect components while soidering. Includes 11/2" and 21/2" straight and bent jaws, and one 21/2" with magnetic base for use as a third "hand."

14 R 15017 Shpg. wt., 4 oz. Net 1.39

#### RCA EXPERIMENTER'S IC VARIETY PACK



Enables the engineer or experienced hobbyist to extend his knowledge of The pack contains 5 integrated circuits: two KD2114 transistor arrays, One KD-2115 audio ampli-fiers, and two KD-2116 transistor ar-Included is a folder giving 12 use-

KD-2117 Kit

full circuits, their schematic diagrams, parts lists, and features. The KO-2114 can be used as a very-wide-bandwidth video amplifier, as an RF amplifier for range between 2 and 100 MHz, an i.f. amplifier with 30 db gain at 1 MHz, or as a class B audio amplifier deliver-ing almost 40 mW. The KD-2115 is a multifunction power amplifier designed for use in portable or fixed communication equipment as well as with a portable PA system, or phonograph amplifier. The KO-2116 is a 4 transistor IC connected to form two inde-pendent Darlington pairs for very low noise and a gain bandwidth of over 100 MHz. 19 R 53066 Shpg. wt., 3 oz. ... Net 4.92

# RCA EXPERIMENTER'S



One "basic" and two "add-on" kits contain componmost necessary ents to build the fourteen different circuits shown in the RCA Experimenter's manual. Circuits include: Lamp Dimmer, motor speed control, electronic timer, time delay, flash-ers, two battery chargers, model train or racer speed model train or racer speed control, heat controls and others. KD2105 "Basic" kit con-

tains one silicon control rectifier, two transistors and five rectifiers.

19 R 43000 Shpg. wt., 4 oz. .. N KD2106 "Add-on" Light Sensor Kit 19 R 43018 Shpg. wt., 2 oz. .. N KD2110 "Add-on" Heat Sensor Kit. Net 11.25 Net 2.92 19 R 43026 Shpg. wt., 2 oz. Net 2.50

#### FAIRCHILD INTEGRATED CIRCUITS

For The Experimenter And Hobbyist

703 LOW POWER RF AMPLIFIER. 703 LOW POWER RF AMPLIFIER.
Contains 3 transistors, 2 diodes
and 2 transistors to be used as
RF and IF amplifiers, harmonic
mixer, oscillator, etc. useful frequencies in excess of 100MHz.
Requires 12VDC supply. With 12 page instruction and applications booklet containing 12 circuit diagrams. Shpg. wt., 2 oz 19 R 25015

#### MOTOROLA HEP IC EXPERIMENTER KIT

#### INTEGRATED CIRCUIT EXPERIMENTER KITS



#### COMPUTER CIRCUIT EXPERIMENT KIT

With 3-Fairchild IC's

Ingenious new experiment kit dealing with fundamentals of digital computer circuitry and technology as well as application of in-tegrated circuits in this area. Supplied with all necessary parts including 3 Fairchild
µL914 integrated circuits and comprehensive
18-page kit manual, Manual contains Instructions, circuit diagrams, pictorial diagrams, and thorough easy-to-follow discussion of Boolean algebra, lamp driver "truth meter", logic functions and circuitry (AND, OR, NAND, NOR, AND INVERTER), truth tables, adders, number system conversion (decimal to binary and binary to decimal), and three different types of flip-flops and their applications. Shpg. wt., 7 oz.

19 R 53025

#### AUDIO CIRCUIT EXPERIMENTERS KIT

· With Three Fairchild IC's

Excellent experimenters kit for hobbylsts, designers, technicians and students interested in solid state audio circuitry and applications of integrated circuits. Kit comes complete with flustrated instructions and discussion of transistor operation, common emitter class A and B amplifiers, phase split-ter, 2 and 4 channel audio mixers, square wave audio signal generator, code practice oscillator, sine wave generator, complete audio amplifier, etc. With 4 PC boards and 16 page instruction and circuit manual. Shpg. wt., 6 oz.

#### INTEGRATED CIRCUIT

EXPERIMENTER KIT Excellent kit dealing with theory plications of revolutionary new integrated plications of revolutionary new Integrated Circuits that offer major advantages over conventional solid state circuity. Interesting experiments with Gates, Logic Circuits, Filp-Flops, Monostable Multivibrator, Square Wave Generator, Amplifiers, Triggers, Alarms and Counters. Includes 2 Fairchild µL 914 IC's,

19 R 53017 Shpg. wt., 4 oz. .... Net 6.95 DECIMAL TO BINARY

# CONVERTER MATRIX KIT



Only

Invaluable kit for electronic technicians, schools and students interested in digital computer circuitry and technology. Kit includes diodes, pilot lamps, pre-etched printed circuit board and instruction manual. Diode matrix computes the binary number equivalent of the decimal numbers 0 thru 9 and displays binary number on its own pilot lamp readout, Manual contains instructions, circuit and pictorial diagrams and discussion of the binary number system, 19 R 53033 Shpg. wt., 5 oz.

# **Hobbyist and Experimenter Semiconductor Specialties**



#### FOR HOBBYIST EXPERIMENTER

#### WITH APPLICATION SCHEMATICS

GE-X1 Silicon Controlled Rectifier. For plug-in speed control for tools, etc. 117 VAC, 4.7 amps max. 200 PIV. Wil, 2 oz. 19 R 27045 Net 2.60

GE-X2A Light Activated Silicon Controlled Rectifier, For "slave" photoflash for flash-bulbs, etc. 25 PIV, 1.6 amps max. Wt., 2 oz. 19 R 27052 Net 2.80 GE-X3 Silicon Controlled Rectifier, For 12V

regulated battery charger. Up to 13 amps and 50 PIV. Wt. 2 oz.

19 R 27060 Net 4.00

GE.14 Silicon Rectifier. For high-tow-off control for motor, tamp, heater, etc. 20 amps, 200 PIV, Wt., 3 oz. 19 R 27078

GE-X5 Silicon Controlled Rectifier, for enlarger photo-timer. Also for simple remote controls. 2 amps, 50 PIV. Wt., 2 oz.
19 R 27086 Net 2.30 GE-X6 Photocell. For light flasher, or night light control. 250V peak AC or DC. 250 mw.

GE-X7 Reed Switch. For light flasher, and burglar alarm. 15 W max, on contacts 500 max, breakdown volts. Wt., 2 oz. 19 R 27102 Net .80

GE-X8 NPN Transistor. For Eight flasher, light target triggered light source. Also for bistable tamp drivers. Wt., 2 oz.
19 R 27110 Net .70

GE-X9 Transistor. For light flasher, light target or triggered light source, low frequency switching, Wt., 2 or. Net .70

GE-X10 Unijunction Transistor, For high pre-cision tachometer with 12 voit neg. ground. For timing circuits. Wt., 2 oz. 19 R 27136

Diode. For high GE-X11 Zener precision tachometer with 12V neg. ard. Wt., 2 oz. 19 R 27144 Net 1.80

GE-X12 Triac. For remote control for lamps and appliances. Wt., 2 oz.

GE-X13. Diac. For full-wave lamp dimmer, lamp sentinel, and AC motor control. lamp sentinel, and Au moter control 19 R 27169 Wt., 2 oz. Net 1.60
GE-X14 Thyrector, For dual-voltage power supply; 100 watt output. Wt., 3 oz. Net 1.15
R 27177 Net 1.15

GE-X16 Silicon Controlled Rectifier, For battery operated fluorescent light, Excellent for mobile lighting in trucks, boats, buses, camp trailers and aircraft, 400 PtV, 7.4 amps

max., 117 VAC. Wt., 2 oz. GE-X17 PN PN Silicon Programmable Unijunction Transistor, Wt., 2 oz.

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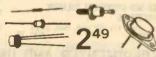


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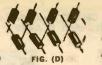






FIG. (A)

FIG. (C)

FIG. (E)

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19 R 37044

19 R 37051

19 R 37069

19 R 37085

Epoxy Glass

9" x 12" 6" x 41/2"

3" x 41/2 2" x 41/2"

• For The Builder-Experimenter-Student- Technician



Stock No.

19 R 71019

19 R 71027

19 R 71050





4.20

34



SCREEN PRINTING KIT NO. 5006 FIG. A

This Screen Printing Kit provides an accurate and rapid means for making larger sample quantities or even short production runs printed circuits. Frame measures 8"x12". It comes with silk already stretched and is hinge mounted on durable formica covered plywood base. Neoprene squeegee is mount-ed in sturdy all wood handle. Photo stencil film and all chemicals necessary for making stencils. Complete with screen process etch resistant ink, blockout medium, tape mask-ing, solvent, spare bottle and complete instructions. Shpg. wt., 121/2 lbs. 19 R 68247W

#### 1:1 NEGATIVE ARTWORK KIT FIG. B

1:1 NEGATIVE ARTWORK KIT FIG. B
Photo reversing kit converts black line artwork to "clear" line artwork for exposing presensitized panels. Kit contains pressure sensitive, actual size pattern of transistor pads. IC pads, fingers, lines, dots, etc. Press desired pattern onto mylar, connect dots with tape, add lingers, etc., place in contact with reverse film and expose to bright light. Swab developer onto film and the result is an accurate 1:1 negative ready to use to expose any number of presensitized P.C. boards. No darkroom (subdued light only), camera, tanks or trays needed, All supplies to make two (or more if smaller size) 44/2" x 6" negatives.

19 R 68502 Shpg. wt., 3 lbs. Net 12.95 Extra Developer and 4 sheets of film.
19 R 68510 Shpg. wt., 2 lbs. Net 6.50

19 R 68510 Shpg. wt., 2 lbs. Extra Patterns, Tape and Dots 19 R 68528 Wt. 8 oz. Net 6.50

Net 7,95

#### BALL POINT TUBES

Make resist patterns directly on copper clad boards. As easy to use as a ball point pen. Deposits line 1/4" wide. No need to "lay-out" colors of resist for color coding circuitry.

Stock No.	Type	Color	Net ea.
19 R 68395	PRLT	Red	1.25
19 R 68403	PRLT	Black	1.25
19 R 68411	PRLT	Blue	1.25
19 R 68429	PRLT	Green	1.25
19 R 68437	PRLT	Yellow	1.25

#### TECHNICIANS KIT NO. 5003 FIG.C

Contains 10 assorted single and double clad XXXP and epoxy glass boards from 4½x6" to 1 tape resist; 1 liquid resist; 

EXPERIMENTERS KIT



good kit to start off learning the technique of etched circuitry, Contains 6 copper clad boards from 4½x6" to 3x2¼"; Dots; 1 pack tape resist; eyelet assortment; drill and directions. In plastic box size: 71/8"

19 R 68072 Shpg. wt., 13/4 lbs. Net 4 75 PRESENSITIZED

COPPER CLAD PANELS

All are 1/2" thick copper clad one side. Except # is both sides. " are XXXP laminate.

† are G10 epoxy-glass laminate. Net Ea. Stock No Size PXC-F 6"x9" 2.00 19 R 68031 PXC-B\* 6"x41/2" 1 00 19 R 68049 3"x41/2" 19 R 68056 19 R 68254 6"x9" 4.00

19 R 68262 PXF-B 6"x41/2 2.00 19 R 68270 19 R 68445 PXE-C† 3"x41/5 19 R 68452 19 R 68460 PXC-BB\*# 6"x41/2 1 50 1,00 3"x41/2 5.00 PXE-FF+ 19 R 68478 6"x9" 19 R 68486 6"x41/2 19 R 68494 PXE-CC+# 3"x41/5 PROCESSING MATERIALS

Type PXD-8 eight ounce developer 19 R 68023 Net ea. 1.00 Type PXY-1 one ounce dye. 19 R 68288

INOUSTRIAL LABORATORY

Ready to use presensitized copper clad laminate cuts time to make prototype printed laminate cuts time to make prototype printed circuits. Kit contains 20-pieces single and double clad XXX-P and epoxy fiberglas laminates in assorted convenient sizes, presensitized and uncoated, 20 assorted printed circuit tube and transistor sockets, 2 rolls tape resist strip ½, and ½, wide, 200 diecut tape resist circles ¼, and ½, diameter. Bottle liquid resist and brush. Ball-point resist pen, Package of printed circuit eyelets and terminals. \*\*51 drill layout naper exand terminals. #51 drill, layout paper, exposure clamp, developing and etching solutions with trays. Full instructions and technical bulletins 19 R 68015 W Shpg. wt., 9 lbs. Net 29.95

#### PRINTED CIRCUIT ACCESSORIES

Basic components for the experimenter-de-signer-lab-limited production-etc. in printed circult construction. Highest quality mate-rlats—indispensable for prototype work,

#### TAPE RESIST

320" Rolls of Tape Resist (Black) Average Shpg. wt., 2 oz.

Stock No.	Туре	Width	Net Ea.
19 R 68122	PRT1	1/52"	.85
19 R 68130	PRT2	1/16"	.75
19 R 68148	PRT3	%n"	.90
19 R 68155	PRT4	1/8"	.90
19 R 68296	PRT8	1/4"	1.00

9" 4.00 RESIST CIRCLES Pkg. of 100 ea. 44½" 2.00 44½" 1.00 19 R 68163 PRTD-6 ½ da75 9" 3.00 19 R 68304 PRTD-8 ½ da75 44½" 1.50 44½" 1.50 19 R 68171 PkL one ounce jar .50 EVELETS 4½" 2.50 PRINTED CIRCUIT TERMINALS PR 68312 PTE10 Pkg. of 10 19 R 68038 PE16 Pint 1.25 Net ea75 19 R 68098 PE16 Pint 1.25 Net ea75 19 R 68106 PE32 Quart 2.25	41/2"	.75	19 R 68296	PRT8	1/4"	1.00
44½" 1.00 19 R 68163 PRTD-6 ½6" dia75 9" 3.00 19 R 68304 PRTD-8 ½6" diam75 44½" 1.50 TOUCH-UP RESIST 41½" 1.50 19 R 68171 PRL one ounce jar .50 44½" 2.50 44½" 2.50 44½" 1.25 19 R 68114 PEY12 125 ASST. Eyelets .60 PRINTED CIRCUIT TERMINALS 19 R 680312 PTE10 Pkg. of 10 .40 Net ea. 1.00 19 R 68098 PE16 Pint .1.25			RESIST	CIRCLES P	kg. of 100	ea.
44/2" 1.50 19 R 68171 PRL one ounce jar .50 44/2" 2.50 44/2" 2.50 44/2" 1.25 19 R 68171 PRL one ounce jar .50 44/2" 1.25 19 R 68114 PEY12 125 Asst. Eyelets .60 PRINTED CIRCUIT TERMINALS 19 R 68312 PTE10 Pkg. of 10 .40 Net ea. 1.00 19 R 68098 PE16 Pint .1.25						
14/2" 1.00 19 R 68171 PRL one ounce jar						n, ,/5
9" 5.00 41/2" 2.50 41/2" 1.25 19 R 68114 PEY12 125 ASST. Eyelets 60 PRINTED CIRCUIT TERMINALS 19 R 68312 PTE10 Pkg. of 10 40 Net ea. 1.00 ECHANTS 19 R 68098 PEI6 Pint 1.25						.50
1.25 19 R 68114 PEYIZ 125 ASST. EYERS BU PRINTED CIRCUIT TERMINALS 19 R 68312 PTEI0 Pkg. of 10 40 Net ea. 1.00						
PF 19 R 68312 PTE10 Pkg, of 10 .40 Net ea. 1.00 ECHANTS 19 R 68098 PE16 Pint .1.25						- F 744
Net ea. 1.00 ECHANTS 19 R 68098 PE16 Pint 1.25						
19 R 68098 PE16 Pint 1.25			19 R 68312 P			
Net ea75 19 R 68106 PE32 Quart 2.25	Net ea	a. 1.00				
	Net ea	75	19 R 68098 P	E32 Quart		2.25

#### **VECTOR "Fiug Boards" and Receptacles**

Ready to wire plugboards are Ideal for prototypes and short runs.

-made from Grade EXXXP 1/16" thick epoxy paper per MILP-22324.

\$made from FR-4 epoxy glass type GEF per MILP-18177C. Overail

.062" holes located on alternate 1" centers speed component mounting. Elco Varicon contacts provided on "types, Other boards have copper-156" spaced stched contact fingers or nickel gold plated contacts on "GN" types.

Stock No.	Migs. Type	Size		Net 8	ach 99 100-199
19 R 83238 19 R 83246	837*+	3"x41/2"	12		.10 1.96
19 R 83253	837WE*§ 812*+	3"x4\\2" 4\\2"x6\\2"	12 16	2.58 2	.32 2.17 .68 2.50
19 R 83626 19 R 83303	812WE*§ 848WE*§	41/2"x61/2" 41/2"x61/2"	16	3.53 3	18 2.97
19 R 83279	838A+	442"x642"	35 22		48 5.12 53 2.36
19 R 83634 19 R 83642	838AWE-16M6	41/2"x61/2" 41/2"x61/2"	22 43		85 2.66
19 R 83659	838WE-1GNS	41/2"x61/2"	43		23 3.95

Receptacles have solder tabs and mounting holes.

Stock No.	Mfrs. No. Type Conta		Het Each
19 R 83329 19 R 83337 19 R 83345	R612-1 12 R616-1 16 R635 35	837,837WE 812, 812WE 848WE	2.08 2.60 5.35
19 R 83352	R644 44	838A, 838AWE, 838WE, 1 3474, 3474-2, 3677-2, 36	GN.

#### VECTOR INTEGRATED CIRCUIT KITS

Vector's hardware kits provide maximum flexibility for hooking up all kinds of IC cir-cuits as well as discrete components. Kits

are built around pre-purched epoxy paper Micro-Vectorboard\* chassis which has .042" holes on .1" x .1" centers plus solder type push-in Micro-Klip terminals and various accessories, such as Micro bus strip, wire wrap terminals, chassis supports, etc.
Kit 30XA Micro-Vectorboard chassis 4½ x

8½ x 1/16", wooden chassis supports, 100 T42-1 terminals. 19 R 83691

19 R 83709

Kit 30X Micro-Vectorboard chassis 41/2 x 84½ x 1/16° 2° high extruded aluminum chassis rails (which can ferm box with addition of cover plates), 100 T42-1 terminals and installing tool, bare and solder thru hockup wire, layout paper. NII 31X Same as 30X, with addition of Micro bus strip, wire wrap terminals and inbord pins, pot and switch brackets. 19 R 83717

Net 17.50

P

Net

.50



Kit 29X Professional sized version with 41/2" x 13.9" chassis and extruded aluminum supx 13.9" chassis and extruded aluminum sup-porting rails, solderless daisy chain con-tacts, solderable and wire wrap terminals and inserting tools, solderless contacts for pins, Micro bus strip, DIP extractor tool, 14 and 16 pin dual-in-line sockets, 4 lead tran-sistor sockets, 8 and 10 lead round TO-5 size IC sockets, mounting pads for 12 lead IC's file acts 10 corporations. IC's flat pack, I.C. adapter plates, etc.

Net 10.75 JOHNSON INSULATORS AND LEAD-IN BUSHINGS



THRU PANEL STEATITE INSULATORS. COM pression mounted by means of a stud. Flat mounting surfaces with cushion washer. Hardware: \*10-32, ‡6-32. Average shpg. wt., 4 02.

Stock No. Mfrs. Type Fig. Ht. Hole Net Ex 33 R 32012 40 11/4" 33 R 32053 44

STAND OFF INSULATORS. Type 65 and 68 are ribbed and have drain and etched aluminum bases. Type 66 has smooth surfaces and drawn bases. \* similar to fig. E, but with square base. Avg. wt., 6 oz.

	33 R 32129				
Stock No.	Mfrs. Type	Fig. Ht.	Hard- ware	Net Ea.	33 R 32125 33 R 32137 33 R 32145
33 R 32178 33 R 32194 33 R 32210	20 22 24	C 1%6" C 1" C 5%"	10-32 8-32 6-32	.43 .26 .21	Fig. P. FEEDE nated, 36" x wt., 3 oz.
	POR	CELAIN			Stock No.
33 R 32244 33 R 32269 33 R 32293	65 66 68	0 136" E 234" E° 2"	10-32 1/4-20 10-32	.44 .99 .67	33 R 32400 33 R 32418 33 R 32426

insulated bushings ideal for use in transinsulated bushings ideal for use in transmitter and antenna installations. Type 50, and 55 are steatite, supplied with cushion washers and hardware. Type 54 is porcelain less all hardware except cushion washer Maximum diameter: Type 50 34". Type 54 342", and Type 55 34".

0

Stock	No.	Mfrs. Type		Shpg.		Hole	Net Ea.
	32319		M	202.	1/2"	15/0010	.46
	32350			1 lb.		211/4"	
33 R	32368	55	L	2 02.	1/4"	15/2"	

Fig. N. ANTENNA STRAIN INSULATOR. celain, heavily glazed, nickel-plated brass hardware, 400 lbs. breaking strength.

Stock No.	Mfrs. Type	Size	Shpg. Wt.	Net Ea.
33 R 32376	104	4x%" sq.	4 OZ.	.36
Fig. 0. STEA plete with 2 a cork cushio	machin	e screws.	washers	and

SINER ING.	MILLS. 13ME	HE. WIGH	Ła.
33 R 32129	500	56" 56"	.26
33 R 32137	501	1" 3/4"	.35
33 R 32145	502	142" 1"	.65
FIG. P. FEEDER	SPREADERS	. Silicone imi	oreg-
nated, 36" x	1/2" cross se	ction. Avg.	hog.
wt., 3 oz.			- 0
Stock No.	Mfrs. Type	Length Ne	t Ea.
33 R 32400	136-122	2"	.20
33 P 32419	120 104	4.00	-

136-126

VECTOR PRE-PUNCHED BREADBOARDS

Pre-punched terminal boards for prototypes and production Ivory Epoxy Paper grade EXXXP per Mil-P-22324 Natural Tan Phenolic Grade XXXP per Mil-A-P-22324 Natural Ian Prenolic Grade XXXP per MII-A-3115B. Tan or green epoxy glass NEMB grade FR 4 per MII-P-18177C: All 1/16" thick except "3/32" Patterns: "A", 0.93" holes .265" centers, "F", .062" hole, .2" centers. "G", .062" holes alter .1" centers, "P", .042" hole. 1" centers.

#### PHENOLIC BOARDS

2				DANOS	
Stoc	k No.	L and W	Pat.	No. of Holes	1-19 20-99
		17"x4.8" 17"x4.8"	A	64A18	1.30 1.17
19 R	83097	19"x8.6"	G	85x24x2 95x43x2	1.30 1.17 2.41 2.17
		19"x8.75" 8.5"x4.8"	A	72x32 32x18	2.33 2.10
19 R	83121	17"x4.8" 8.5"x2.41"	A	°64x18	1.30 1.17
		17"x8.51"	A	*32x9 *64A32	.62 .56 2.86 2.57
10 D	82154	EPOXY P		BOARDS	
19 R	83162	17"x4.8"	F	85x23 185x23 x2	2.28 2.05
19 R	83584	6.5"x4.5" 17"x4.8"	P	64x44 169x47	1.69 1.52 3.98 3.58
		EPOKY G	LASS	BOARDS	
19 R	83436	17"x4.8"	A	64x18 85x23 x2	3.87 3.48 3.96 3.56
19 R	83741	61/2"141/2" 17"x41/2"	P	64x44	1.79 1,61
Micro		1/ X942		169x44	4.36 3.92

#### PUSH-IN TERMINALS AND INSERTION TOOLS





Type T9.4, Brass, tin plated with serrated slots, fits .093" hole. 19 R 83014 Pkg. of 100 1.44 19 R 83402 Pkg. of 1000 10.18 Type P122B Insertion tool T9.4 terminals. 19 R 83410 Net ea. Type T28 terminal beryllium copper. tin plated, fits hole size .062". 19 R 83022 Pkg. of 100 1.61 Pkg. of 100 Pkg. of 1000 19 R 83386 11.44 Type T28S. Same as T-28 except silver plated Pkg. of 100 Pkg. of 1000 19 R 83600 13.51 TypeP91. Insertion tool for T28 and T28S terminals 19 R 83063

Type T30N-2 Springclip terminal holds up to six wires without soldering. Nickel plated brass body with nickel plated steel music wire spring, fits hole size .093". 19 R 83048 Pkg. of 100 7.23 19 R 83030 Pkg. of 100 7.23 19 R 83394 Pkg. of 100 50.44 P92A Insertion tool for T30N-2 terminals 19 R 83055.

50

Type T42-1 Micro-Klip Push-In terminal for .042" holes, beryllium copper, tin plated. 19 R 83756 Pkg. of 100 1.82 19 R 83766 Pkg. of 1000 11.70 Type K24C Inbord Pin, Push-in for .042"

diameter holes, Phospher bronze tin plated. 19 R 83774 Pkg. of 50 .86 19 R 83782 Pkg. of 1000 11.21 .86 Type T44 025" square wire wrap pin with slotted top fits .042" diameter holes. 19 R 83790 Pkg. of 100 100 for T44 1.69

# **Antenna Coils—Photoconductive & Photoelectric Cells**

INTERNATIONAL RECTIFIER **B3M SELENIUM SOLAR CELL** 



Ratings (in full sunlight) Output 0.2 to 0.4 volts, 11/2 to 2½ milliamps. Plastic case with adhesive disc. Size: 1½ x 1½ x ½. Shpg. wt. 2 oz.

19 R 29033

Net 2,30

#### INTERNATIONAL RECTIFIER **B2M SUN BATTERY**



Average sunlight generates 2 ma. current under 10-ohm toad. With milli-ammeter can be used to measure light. In series or series-parallel

drive transistorized equipment. 60 microamps @ 100 foot candles with 55 ohm load.

.5 volt in average sulight, .25 volt at 100

foot candles. Shpg. wt., 2 oz.

Net ea 2 no



PHOTO CELL AND SUN BATTERY ASSORTMENT

This interesting special package contains 4 selenium photocells with outputs from ½ to ½ volt and 0.5 ma to 3 ma in bright sunlight. Complete with 24-page instruction and project manual. Shpg. wt., 4 oz. Net .99 19 R 29108

#### INTERNATIONAL RECTIFIER

#### SIM SILICON SOLAR CELL

Output rating 0.3 to 0.4 volts and 10 to 16 milliamps in full sunlight. Plastic case with pressure sensitive adhesive disc. Size: 14xx 14xx. Shpg. wt., 2 oz.

19 R 29041

Net 2.40

#### SAM SILICON SOLAR CELL

High efficiency version of above S1M.
Same output voitage of 3 to 4 volt with output current of 25 to 40 mA. Shpg. wt., 4 oz.
19 R 29124 Net ea. 4.40

#### INTERNATIONAL RECTIFIER



SOLAR DRIVE MOTOR

Precision motor with anti-friction bearings. recision motor with anti-friction bearings, ideal for the experimenter and science project enthusiast, Direct operation from power supplies utilizing solar cells, Recommended driving cell is type SAM or two SIM's in parallel (see tisting immediately above). Operation from 0.35 to 1.5 Volt, Shpg. wt., 4 OZ. 19 R 29132

#### PHOTO CONDUCTIVE CELLS





Conductivity of these sensitive cells varies with intensity of light, All rated at 20 ma at 200 volts. Wave length 4000 to 8000 angstroms. Resistance at 0 ft. candle is 10 meg for type A, 5 meg for type B. Other chart ratings approx. ± 50%. Imported. Shpg. wt., 2 oz.

1	Stock			tance in c		
	No.	Fig.	1FC	10FC	100FC	Net
	R 632		1.5 meg 25.000		25,000	



LAFAYETTE SELF GENERATING SELENIUM CELLS

No external power needed

Sensitive to a wide spectrum including white, colored or ultra-violet light. All unmounted; complete with leads. Outputs of 100 µa taken at 100 foot candle illumination with 100 ohm load. Shpg. wt., 2 oz. Size: 111/4"x1/4". imported Net .59

99 R 62432





PIONEER CDS CELLS

FIG. A (700 Series) FIG. B (900 Series)
Hermetically sealed high sensitivity, cadmium sulphide cells. Types ending in 01
thru 04 are suggested for use with slowly
changing daylight, types ending in 10 thru
13 especially suited for industrial photo-13 especially suited for industrial photo-control operations depending on interrup-tion of an incandescent source. Maximum dissipation on 700 series is ¼ watt con-tinuous or 1-watt intermittent (1 min. periods); 900 series is ½ watt continous, 2-watts intermittent. Mean oulput is photo-current at 50 V AC and simulated daylight of 1 FC; range varying ±33% of mean. Maximum dark current measured at 100V, 5 seconds atter 50FC light extinguished, Photosensitive area of 700 series is 1 sq. in. 900 series is .44 sq. in. Average Shog. wt., 3 oz.

#### DAYLIGHT TYPES

Stock No.		Mean Output	Max. Oark Curr.	Max. Dark Volt	Net
19 R 4702		1.5 ma. 3 ma.	25 μa. 25 μa.		1.40
19 R 4704	13 703	6 ma.	40 Ma.	350	1.40
19 R 4705		1.5 ma. 3 ma.	25 μa. 25 μa.	1000	
19 R 4707	6 903	6 ma.	40 µa.		1.25
19 R 4708	904	12 ma.	200 μα.	300	1.23

#### INCANDESCENT TYPES

Net Ea.
Ed.
1.40
1.40
1.40
1.25
1.25
1.25
1.25

HIGH-GAIN LOOPSTICK ANTENNA



Give high gain across complete AM broad-cast band from 540 to 1600 kHz when tuned with standard 365 pF tuning condenser. A. VARIABLE TYPE. An extremely small yet very powerful replacement antenna with a "Q" of 240-275. Boosts sensitivity and signal to noise ratio. With adjustable ferrite core for maximum peaking efficiency and precise tracking on entire broadcast band. Single, hole snap-mounting, plus bracket. Efficient at any angle. 2 1/4 x 1/4".

32 R 41064 Shpg. wt., 2 oz.

B. ENERGIZEO 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. Adjustable coil with self-locking vinyl collar permits peaking antenna for super sensitive results. 36x5". Shpg. wt., 3 oz.

32 P 82019

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. Adjust-able for maximum sensitivity over length of 7 in. Complete with mount. 32 R 82027 Shpg. wt., 3 oz. Net 1.35

TRANSISTOR TAPPED VARIABLE ANTENNA COIL



Boosts Signal Pickup. Super-Selective!

Specially designed for matching the low input impedance of transistors. Maximum transfer of signal energy from tuning stage when used with 365 to 420 pF variable capacitors, as well as in minimum loading by first transistor stage for sharper tuning by the specific or sharper tuning the stage of the stage of the sharper tuning tuning the sharper tuning the sharper tuning the sharper tuning t by first transistor stage for sharper tuning and greater selectivity. Highly sensitive with a "Q" of up to 250. With adjustable ferrite core for maximum peaking. Singlehole snap-in mounting, plus bracket, Efficient at all angles. Size: 2x%" diam. 32 R 41080 Shpg, wt., 2 0z. Net .99

#### FERRITE ANTENNA KIT

3 Antennas for Transistor Radios All 3 High "Q" for Top Reception



Three sizes of flat ferrite antennas. Each has a high inductance of 480 microhenries. Tapped leads are 

#### RESISTOR 109 **PHOTOCELL**



cadmium-sulphide light-

A cadmium-sulphide lightactivated resistor used to
actuate door openers, burglar alarms, relays, light
controls, production counters, etc. Resistance varies from 75 ohms at approx. 93 footcandles to over 10 megohms in total darkness. Maximum volts: 110VAC (peak) 110VDC;
maximum dissipation: .2 watt @ 40°C, .1
watt @ 50°C, 0 @ 60°C. Capacity approx.
6pf. ½" diam. x ¾" thick. Imported. Shpg.
wt. 2 oz. wt., 2 oz.

19 R 21014

**Terminal Strips - Poly Rods & Sheets** 

REAL BARRIER STRIPS

TYPE 18000 - 20 AMP



Sturdy closed back Barried strips moulded in black Baketite are idea for permanent installations, as well as breadboard and exinstallations, as well as breadboard and ex-perimental work. Sturdy barriers between terminal strips insure against accidental shorts. Two mounting holes on each end of strip insure ease of installation. See headings about each series for size specifi-cations. Avg. wt., is 5 oz. TYPE 14000 — T5 AMP

Leakage path between terminals is 3/8".

mgn.	
107	<b>Net Each</b>
1-49	50-99
.16	.13
	.15
.20	.17
	.21
	.26
	.30
	.35
	.40
	.44
	.50
	.53
	.59
	.62
	.67
	.72
	.76
	.61
	.85
1.07	.90
1.13	.95
1.20	1.00
	.16 .17 .20 .25 .31 .36 .41 .47 .52 .59 .63 .70 .80 .86 .91

BAKELITE MOUNTING STRIPS

Cadmium plated steel lugs spaced 3/8" on centers. Bakelite strip is 3/8" wide x 0.62 in, thick, Ideal for supporting and joining electrical components. Type marked "have grounding lugs in addition to the number of terminals indicated below. Mount with No. 6 screw. Avg. wt., 3 oz. 5 per pkge.

Stock No.	Term.	Fig.	Net Per Pk. of 5
32 R 12057	1	A	.18
32 R 12065	2	B	.20
32 R 12073	2*		.20
32 R 12081	2° 3 3°	CDEF	.28
32 R 12099	3*	E	.30
32 R 12107	4	F	.31
32 R 12115	4*	G	.33
32 R 12123	5	H	.35
32 R 12131	5*	J	.38
32 R 12149	6	K	.39
32 R 12156	6*	L	.40

KIT OF 48 SOLDER **LUG STRIPS** 

Handy assortment of 48 solder lug terminal strips with 8 of each type from 1 thru 6 lugs. Shpg. wt., 8 oz. Imported. 99 R 61111

Leakage path between terminals is 7/16".

Stock No. Conta		1-49	50-99 Net Each
33 R 86265	1	.19	.16
33 R 86273	2	.20	.17
33 R 86281	3	.26	.22
33 R 86299	4	.34	.28
33 R 86307	5	.41	.34
33 R 86315	6	.47	.39
33 R 86323	7	.55	.46
33 R 86331	8	.62	.52
33 R 86349	9	.68	.57
33 R 86356	10	.76	.64
33 R 86364	11	.82	.69
33 R 86372	12	.89	.74
33 R 86380	13	.96	.80
33 R 86398	14	1.03	.86
33 R 86406	15	1.10	.92
33 R 86414	16	1.18	.99
33 R 86422	17	1.24	1.04
33 R 86430	18	1.31	1.10
33 R 86448	19	1.39	1.16
33 R 86455	20	1.46	1.22

TYPE 21000 -- 30 AMP

Leakage path between terminals is 9/18".

Base is 174" wide x 5/8" High.								
Stock No.	No. of Contacts	1-49	Net Each 50-99					
33 R 86513	1	.22	.18					
33 R 86521	2	.23	.20					
33 R 86539	2 3	.32	.27					
33 R 86547	4	.40	.34					
33 R 86554	5	.49	.41					
33 R 86562	6	.58	.48					
33 R 86570	7	.67	.56					
33 R 86588	8	.75	.63					
33 R 86596	9	.83	.70					
33 R 86604	10	.93	.78					
33 R 86612	11	1.01	.84					
33 R 86620	12	1.10	.92					
33 R 86638	13	1.19	.99					
33 R 86646	14	1.28	1.07					
22 D SCCE2	16	1 27	1 14					

**HEAVY DUTY SCREW COLLAR STRIPS** 



1/2" bakelite. 1/4" wide Nickel Plated Brass Screw Terminals, tinned solder lugs, Avg. shpg. wt., 3 oz.

J	NET EACH			
Term.	1-9	10-99	100	
2	.20	.18	.16	
3	.25	.22	.20	
4	.30	.27	.24	
5	.36	.32	.29	
6	.41	.37	.33	
7	.46	.41	.37	
8	.52	.47	42	
9	.60	.54	.49	
10	,63	.57	.51	
	2 3 4 5 6 7 8	Term. 1-9 2 .20 3 .25 4 .30 5 .36 6 .41 7 .46 8 .52 9 .60	2 .20 .18 3 .25 .22 4 .30 .27 5 .36 .32 6 .41 .37 7 .46 .41 8 .52 .47 9 .60 .54	

#### TERMINAL STRIPS



High quality bakelite terminal strips. Solder lugs mounted on  $Y_h^{\rm eff}$  thick insulation. Available with 2 thru 10 solder lugs and screw terminals. Mounting holes for 6-32 screws. Avg. shpg. wt., 5 oz. 5 per Package.

Stock No.	Term.	af 5
32 R 12164	2	.45
32 R 12172	3	.6:
32 R 12180	4	.70
32 R 12198	5	.9:
32 R 12206	6	1.11
32 R 12214	7	1.2
32 R 12222	- 8	1.45
32 R 12230	9	1.6
32 R 12248	10	1.8

POLYSTYRENE RODS. TUBES AND SHEETS



Feature high dielectric strength, dimeninsulating properties. Moisture proof. Easily sawed, drilled and tapped. Sheets and rods are transparent, tubing satin finish

POL	YSTYR	ENE S	HEETS	
Stock No	Size	Thick	Shpg. Wt.	Net Each
13 R S1014 13 R 51022 13 R 51030 13 R 51045 13 R 51055 13 R 51063 13 R 51071 13 R 51099 13 R 51097	12x12 12x12 12x12 12x12 12x12 12x12 12x24 12x24 12x24 12x24 12x24	% % % % % % % % % % % % % % % % % % %	9 02. 9 02. 9 02. 10 02. 134 ibs. 14 02. 142 ibs. 134 ibs. 242 ibs. 344 ibs.	4.07 4.70 5.35 7.01 7.99 7.64 8.97 10.29 12.89 15.34

	Size	Shpg.	Net
Stock No.	L x Oiam.	Wt.	Each
13 R 51113	12"x1/s"	3 oz.	.15
13 R 51121	12"x¾6"	3 02.	.17
13 R 51139	12"x\4"	3 oz.	.20
13 R 51147	12"x3%"	3 02.	.21
13 R 51154	12"x36"	4 oz.	.32
13 R 51162	12"x1/2"	4 oz.	.47
13 R 51170	12"x5/8"	5 oz.	.71
13 R 51188	12"x3/4"	6 oz.	.98
13 R 51196	12"x 7/e"	8 oz.	1,39
13 R 51204	12"x1 "	9 02.	1.86

12" P	DLYST	YRENE	TUBES	
Stock No.	0.0.	1.0.	Shog. Wt.	Net Each
13 R 51212	1/4"	1/8"	3 02.	.20
13 R 51220	%6" 3/8"	3/4"	3 oz.	.23
13 R 51238	3/8"	1/4"	3 oz.	.28
13 R 51246	1/2"	36"	3 02.	.33
13 R 51253	5/6"	1/2"	3 02.	.39
13 R 51261	3/4"	5/8"	3 oz.	.44
13 R 51279	1"	7/8"	4 02.	.60

#### POLYSTYRENE CEMENT AND COIL DOPE

Pure polystyrene dissolved in thin-ner. For coating, doping, sealing coils, and for cementing polystyrene to polystyrene. 2 oz. bottle. Shpg. wt., 7 oz.

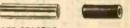
13 R 60031 Net .55 THIMNER FOR ABOVE, 6 OZ. 13 8 60049 Net .59

#### MASONITE BREADBOARD



. Ideal for Kit Builders Tempered masonite board with holes spaced ½" apart to facilitate mounting of parts. Size 72% x 112% x 46" thick. Holes ¼" diam. Shpg. wt., 8 02. 19 8 17012 Net 29

#### SPACER ASSORTMENTS



BRASS SPACERS

Package of 16 cadmium plated brass spacers 4 each of 14"—1/2"—1/4" & 1" length, All accomodate #6 screw, 1/4" 0.D. Shpg. wt., 10

32 R 12263 Net per pkg. 1.39

FIBRE SPACERS

Assortment of 12 fibre spacers. 4 each of 1/4"—1/2" & 1" lengths. All have 1/4" outer diameter and accommodate #6 screw. Shpg. wt., 3 oz. 32 R 12255 Net per pkg. 1.10

Make Lafayette Your One Dependable Source for Everything in Electronics

Lafavette Cat. No. 720

# Dials-Variable Condensers





#### VERNIER LOGGING DIALS

COUPLERS AND EXTENDERS Brass couplings (A) and extenders (B), Diam-

brass couplings (A) and extenders (B). Diameter of extender or coupling may be equal to, greater than, or less than diameter of shaft extended. Extender shaft length, %6'; over-all length 1\%6' Average shpg. wt. 3 oz. All are couplers except " which are ex-

(CHUEFS,					
Stock No.	Size	Each			
32 R 64124	1/4 × 1/4"	.30			
32 R 64132	1/4 x 3/8"	,30			
32 R 64140	38 x 38"	.30			
32 R 64157*	1/a x 1/4"	.40			
32 R 64165*	3/8 x 1/4"	.40			



#### PANEL BEARING **ASSEMBLY**

Use with rigid or flexible coupling when mounting. For up to 3/4" panels, Av. shpg.

	, ,						
32	R	64058	3"	long.	1/4"	shaft	,40
		64066					.60
		64074					.15

#### **EXTENSION RODS**

				-	-		
For	1/4	" dia,	extens	ions. A	v. shpg.	wt., 4	oz.
					Plated		.35
					I Dietod		.15
					l'Plated		.30
34	F .	0-4110-	-12	LIDIE			.50



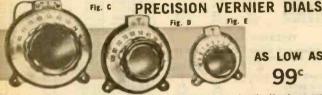
#### MICA TRIMMERS AND PADDERS

Base of low-loss ceramic. 11/2x14x14/16" in size. 11/21" mtg. ctrs. Capacity ranges derived from 3 turns open to tight setting. Av. shpg. wt., 2 oz.

Stock No.	pF		Each 25-99
34 R 58386	1.5-15	.35	.32
34 R 68295	2.7-40	.35	.32
34 R 68303	580	.35	.32
34 R 68311	10180	.40	.36
34 R 68329	25280	.48	.43
34 R 68337	50380	.54	,49
34 R 68345	75. 480	.60	.54
34 P 68352	105 .580	6.R	.61

Precision planetary drive vernier dials with approximately 7 to 1 ratio, ideal for test equipment, calibration instruments, amateur equipment, etc. ¼" diam, shaft extending from rear may be easily coupled to another drive shaft. Type A has framed wire hair line, type B has pointer. All with 1 log scale and blank scales. Fluted knob. Imported.

Stock No.	Fig.	Scale width	Log Scale	Blank Scales	Size Overali	She. wt.	Net Each
99 R 25660	A	4¼"	0-180	5	5x3x14/2	10 oz.	2,59
99 R 25678		6"	0-200	6	67/2x44/2x2	1 lb.	2,99
99 R 25686		7¼"	0-200	6	84/2x53/4x24/4	1½ lbs.	3,95



Precision planetary drive vernier dials with approximately 8 to 1 ratio. Mounts on panel surface and has accurately centered metal inserts for 1/4" shafts. Metal dials are brushed silver finish with deeply etched and black filled engraving to provide maximum legibility even under poor lighting conditions. Reads counter-clockwise 0 to 100 in 180°. Uses tough scratch resistant fluted molded knob and housing for sure grip. Phosphor bronze and brass

utilized for internal parts. Imported. Average Shpg. wt., 5 ozs. Fig. E. 36MM (1½") Diarmeter Vernier Dial, 1½" from front to back 99 R 60311

D 50MM (2") Diameter Vernier Dial, 1" from front to back Fig. D 50M Net 1.39

70MM (2%")Diameter Vernier, 11/4" from front to back Net 1.69 99 R 60295



#### TINY TUNING CONDENSER—with DIAL

For Transistor and Miniature Circuits . Only 1" Square, 1/4" Deep . 385 pF . Polyethylene Dielectric

A new "Poly-Vari-Con" model for use in TRF broadcast-band and experimental receivers. Complete with good-looking clear plastic tuning dial with calibrations from 530 to 1600 MHz. Capacity variable from 10 to 365 pf. Knurled dial is 144" diam; rotation is 180°. Dial is mounted to condenser shaft by %6" diam, chrome-plated threaded retainer, Imported.

99 R 62176 Shog, wt., 3 oz.

AS LOW AS

# HAMMARLUND MINIATURE VARIABLE CONDENSERS







Net .99



#### TYPE HF

Single section tuning employing "APC" rotor and stator design—Ideal for critical high freq. circuits. Isolantite insulation. Air gap is 0.015" nominal. Shpg. wt., 4 oz.

Stock No.	Mfg's Ty		. Min.	Net
40 R 28817	HF15	17.5	2.8	1.45
40 R 28825	HF35	36.	3.2	1.55
40 R 28833	HF50	42.	3.7	1.75
40 R 28841	HF100	102.	5.3	2.00
40 R 28858	HF140	142.	6.3	2.15

#### TYPE HFA

Similar to "HF" except very desirable for high frequency low-power applications. high frequency low-power applications.
Single hole or base mounting. % x 44" round

2116	11 1	. 48.35	INICOU A 764 L	003111		9 00.
40	R	28411	HFA-15-B+	16	2.8	2,20
			HFA-25-B**	25	3.0	2.30
40	R	28437	HFA-50-B\$	50	4.3	2.50
40	R	28445	HFA-100-Bt	100	7.5	4.35

#### TYPE APC

Compact, high quality, Has high leakage re-sistance and resistant to temperature, mols-ture, and vibration effects. Straight line capacitance. Hex collar on slotted shaft for rotor and screw-driver adjustment. Air gap is 0.015" nominal, Shog, wt., 4 02. Series APS (Screwdriver Slot)

Stock No.	Mfrs. Type	Max.	Min.	Net
40 R 28460		25	3.0	1.25
40 R 28478	APC-50	50	3.9	1,35
40 R 28486	APC-75	75	4.6	1.45
40 R 28494	APC-100	100	5.5	1.60
40 R 28502	APC-140	140	6.7	1.80
Seri	es APC-B (	1/2" SI	naft)	
40 R 28528	APC-25B	25	3.0	1.35
40 R 28536	APC-50B	50	3.9	1.45
40 R 28544	APC-75B	75	4.6	1.55
40 R 28551	APC-100B	100	5.5	1.80
40 R 28569	APC-140B	140	6.7	2.00

#### TYPE MAPC

About half the weight and size of the APC, but with the same quality and performance. Excellent for VHF use. Slotted shaft for screwdriver or hex wrench adjust, Nom. air gap 00135". Size \*\*2Wx!%; "H. Shpg wt., 3 oz.

Series MAPC (Screwdriver Stat)

Mfrs.

Stock No.

Max. Min.

pF DF Net

40 R 28635	MAPC-15	15	2.3	1.10
40 R 28643	MAPC-25	25	2.6	1.15
40 R 28650	MAPC-35	35	2.9	1.20
40 R 28658	MAPC-50	50	3.2	1.25
40 R 28676	MAPC-75	75	3.9	1.35
40 R 28684	MAPC-100	100	4.5	1.45
Serie	S MAPC-B	(1/2" 5	haft)	
40 R 28692	MAPC-158		2.3	1.10
40 R 28700	MAPC-25E	25	2.6	1.15
40 R 28718	MAPC-35E		2.9	1.20
40 R 28726	MAPC-50E		3.2	1.25
40 R 28734	MAPC-75E		3.9	1.35
40 R 28742	MAPC-100	<b>B</b> 100	4.5	1.45

# Knobs-Dial Cord and Coils

LAFAYETTE 455 kHz UNIVERSAL I.F. TRANSFORMER FOR BROADCAST AND CITIZENS BAND



The most popular replacement I.F. Ideal for experimenters. Exceptionally high gain for experimenters, exceptionally nign gain powdered iron core, compression tuned 455 kHz midget 1.F.—only ¾" square by 1%" high. For both input and output circuits. Supplied with mounting clip and adapter plate to replace both midget and larger size cans. Shpg. wt., 4 ozs.

Singly, each .89 Lots of 10 each .79 32 R 09467

#### LAFAYETTE MINIATURE IF TRANSFORMERS AND OSCILLATOR COILS



EACH

Slug-tuned printed circuit mounted miniature IF transformers, All have 455 kHz Inter-mediate frequency. Each with schematic and pin contacts. Ideal replacements for Japanese transistor radios. Shpg. wt., 2 oz. Imported. All Units only 36" Sq. and 36" High. 99 R 63000 Oscillator coil Inductance

270 uh 99 R 63018 1st IF; pri. 70,000 ohms, sec.

1500 ohms. 2nd IF: pri, 50,000 ohms, sec. 99 R 63026

99 R 63034 3rd IF: pri. 30,000 ohms, sec. 5000 ohms. Any of above Net ea. .59

MILLER TRANSISTOR

#### **ANTENNAS** STANDARD -

Has a fixed inductance of 240 µh and covers ab and of 540-1650 kHz. Large pickup area and high Q. Maximum tuning capacity 365 mmf. Q @ 790 kHz. 450. Shpg. wt., 3 oz. 34 R 88194 Type 2000 Net 2.58

#### MINIATHRE



Has an inductance of 240µh and is designed for use with a standard variable condenser having a maximum capacity of 365 mmf. Freq. range 540-1650 kHz, Q @ 790 kHz, 550. Shpg. wt., 4 oz. 34 R 87485 Type 2001 Net 2.28



#### FERRITE STRIP



Has an inductance of 240µh and is to be used with a condenser having a maximum capacity of 365 mmf. Freq. range 540-1650 kHz. Q @ 790 kHz. 500. Shpg. wt., 3 oz. 34 R 88202 Type 2004 Net 2.55

#### POINTER, BAR AND LEVER KNOBS



Black knobs molded of high quality plastic. All have set screw for 1/4" round or flatted shaft, and white indicator lines. Items marked " have brass insert. Size shown is length. Av. shpg. wt., 2 oz.

			Net	Each
Stock No.	Fig.	Size	1-24	25.99
32 R 24110	Α	2"	.22	.20
32 R 24128	C	11/4"	.14	.12
32 R 24136*	C	11/4"	.20	.18
32 R 24144	D	11/4"	.16	.14
32 R 24151*	P	15/a"	.29	.26
32 R 24169	E	1%"	.16	.14

#### MINIATURE KNOBS



Plastic anob, only 5%" diameter fits ½6" shafts, for miniature components such as Ferri-loop-stick, sub-miniature pots, etc. Avg. shpg. wt., 2 oz. 32 R 24052 Walnut Net .15 32 R 24051 Ivory Net .16

#### **PROFESSIONAL** KNOBS



Add professional appearance to any equipment. Professional black-matte finish with concave top, To fit 14" round shaft. All knobs come with set screw. Skirt dimen. %" dia. x %"H. Imported. Shpg. wt., 2 ozs. 99 R 61087 Net .34

#### FLUTED KNOBS





with and without skirt. Black fluted knobs thermosetting plastic with high gloss finish. All have recessed brass insert and set screw. Mount on 1/4" round or flatted shaft, Shpg. wt., 2 ozs.

Stock No.	Fig.	Diam.	Hght.		Each  25-99
32 R 24060 32 R 24078 32 R 24086 32 R 24094 32 R 24102	AAB	11/6" 13/6" 15/6" 11/2" 2/4"	56" 1%" 3/4" 1%"	.31 .34 .37 .68	.29 .31 .34 .61

#### STANDARD PLASTIC KNOBS



Plastic knobs with knurled bodies for general application. All have moided hole with set screw for mounting ¼ round or flatted shafts, Fig. C has white indicator lines. Av. shpg. wt., 2 ozs.

Stock No.	Fig	. Diam.	Color	Net 1-24	Each  25-99
32 R 24177 32 R 24185 32 R 24201 32 R 24219 32 R 24227	ACC	1" 1½" 2%;"	Walnut Black Black Black Maroon	.18 .17 .22 .20 .14	.15 .19 .17

#### MATCHED KNOR KITS

- Molded From Hi-Impact Plastic
- Brass Screw and Shaft Insert
- . For 1/4" Round or Flat Shaft





as fow as

Trim distinctive, functionally styled knobs. Finished in an attractive steel gray and molded from tough hi-impact plastic, the knob is of cylinder design with sure-grip fluted sides and an aluminum ring-set in a recessed face. Rugged brass screw and mounting shaft insert will accept 1/4" round or flat shaft. Each kit contains 5 knobs—all same size. Imported. Shog. wt., 5 oz. 11/8" Diam, 7/6" Oeep Kit of 5.

98 R 61145

136" Diam., 11/6" Deep Kit of 5 Net .89 11/4" Deep Kit of 5 " Diam... 99 R 61160

Net 89 METAL KNOB KIT

Set of 3 attractive, tapered aluminum knobs. Set-screw type, fit 1/4" shaft. Polished concave top. 1/4," long, diameter tapers from 1/4," to 1/4," Imported. 99 R 62606 Shpg. wt., 4 oz. Net 1.29

COMMUNICATION RECEIVER KNOBS



Molded of Tenite with easy grip knurling. These knobs are 1%," over-all diameter with chrome-plated bevel skirts. Depressed numerals are black enamelled on chrome plate. Designed to fit 1/4" shafts. Numbered 0-10 through an arc of 300° clock-

wise. Imported. Shpg. wt., 3 oz. 99 R 61053

Net ea.

#### DIAL CORD

Handy spools of prestretched nylon dial

ord in sizes that cover almost all replacement needs. Breaking strength medium is 35 lbs., standard 20 lbs., thin 15 lbs. Average shpg. wt., 4 oz. 100 Foot Spools

Stock No. Type Diameter Net. 32 R 80187 32 R 80195 Medium 040" 2.60 .028" Standard 32 R 80203 .025 2.60 Thin 25 Foot Spools 32 R 80211 Medium 32 R 80229 Standard .028" .83

#### NATIONAL BALL REDUCTION DRIVE FOR PRECISE TUNING

Thin

Efficient drive in ratios of 5:1 and 10:1. Shaft size 1/4"; # female coupling one end, † end, male shafts both ends. Shpg. wt., 4 to 8 oz.

32 R 80237



Stock Na.	Type Re	duction	Net Ea.
32 R 51352	NBD1-1 †	5:1	4.28
32 R 51360	NBD1-2 #	5:1	4.81
32 R 51378	NBD2-1 †	10:1	4.93
32 R 51386	NBD2-2 #	10:1	5.43

.83

# Coils - Coil Forms - Coil Winder



#### UNSHIELDED MINIATURE TRANSISTOR OSCILLATORS

(Fig. A.) The 34 R 88012 oscillator coil (Revised 5-lug) is designed for use in a converter oscillator circuit. The 34 R 87022 oscillator coil (6-lug) is for use where a separate transistor is used for the oscillator and another transistor for the mixer, I.F. Freq. 455 kHz. Avg. Shpg. wt., 3 oz. Dimensions: 3/8" x 1" high

Stock No.	Miller	Capacity	Net
34 R 88012	2020	365 mmf.	2.10
34 R 87014	2022	78-100 mmf.	2.10
34 R 87022	2023	365 mmf.	2.10

#### MILLER WIDE RANGE ADJUSTABLE INDUCTORS

For immediate application in many proto-type designs where the exact value of the required inductance is not known. Induction measured at 1000 Mz. Dimensions: max. dia. 34" x 114" long. Specifications for tapped are identical to untapped of reference types shown. Column headed "Ratio" refers to the total number of turns on the coil to the number of turns on the tap. Shpg. wt., 3 oz.

U	ntappe	d		
Stock No.	Type	L Min.	L Max.	Net
34 R 89846	9001	40µh	.240 MH	1.59
34 R 89853	9002	.180 MH	.800 MH	1.80
34 R 89861	9003	.570 MH	2.80 MH	2.16
34 R 89887	9005	6.00 MH	16.0 MH	2.88
34 R 89895	9006	12.0 MH	40.0 MH	3.27
34 R 89911	9008	78.0 MH	240. MH	3.39
34 R 86511	9009	180, MH	750, MH	3.54
			1	

Stock No.	Tapped Type	Ref. Type	Ratio	Net
34 R 89937	9012	9002	204/68	2.16
34 R 89945	9013	9003	376/128	2.52
34 R 89978	9016	9006	1480/493	3.27
34 R 89994	9018	9008	3860/1286	3.78
34 R 86529	9019	9009	6100/2030	3.95

#### STANDARD ADJUSTABLE CERAMIC FORM AND R.F. COILS

Permeability tuned coils wound on silicone impregnated ceramic forms. Hardware necessary for assembly is supplied.

Dimensions (form): 3/8" diameter x 1%." long. Shpg. wt., 3 oz.

Stock No.	Type	Microhenries	Net
34 R 89515	4400	Form Only	2.15
34 R 87535	4404	1.6-3.1	2.66
34 R 87543	4405	3.3-6.5	2.70
34 R 87550	4406	7.3-14	2.77
34 R 87568	4407	16-29	2.84
34 R 87576	4408	33-66	3.02
34 R 87584	4409	74-124	3.10
34 R 87592	4410	138-238	3,13
34 R 87600	4411	270-451	3.17
34 R 87618	4412	495-760	3.20
34 R 87626	4413	825-1300	3.24
24 P 87634	4414	1400-2000	3.24

#### UNIVERSAL ADJUSTABLE OSC. COIL

(Fig. D.) Adjustable from core oscillator coil for general replacement use. RF freq. 500-1800 kHz, iF freq. 100-500 kHz. Dimensions %"x11/2" high. Shpg. wt., 3 oz. 34 R 87048 Miller Type 71-OSC

#### MILLER R.F. COIL FORMS

Fine grade quality coll forms. Frerine graue quality coil forms, frequency range of core is 1-20 MHz. Types 20A000-2, 21A000-2, 22A000-2 are constructed of a phenol impregnated tubing which could be certified to MIL-P-79B, type PBG. Type 4200-2 is strong nylon. Types 4300-2, 4400-2, 4500-2 are made of sticone-impregnated ceramic. In accordance with JAN 1-10, grade L5. Hardware is included. Shpg. wt., 3 oz.

Stock No.	Туре Но.	Dia.	Lgth.	Mtg. Hule	Net Ea.
34 R 89432	20A000-2	1/4	1364	13/4	1.24
34 R 89135	21A000-2	3/6	11/8	1/4	1.24
34 R 89457	22A000-2	3/2	71/2	3/4	1.81
34 R 89507	4200-2	.289	136	×.	.98
34 R 87725	4300-2	₹4	5/6	1364	1.43
34 R 89515	4400-2	3/8	1364	2/4	2.15
34 R 89523	4500-2	1/4	7/8	%a.	1.52

#### PHENOLIC FORM 3-SECTION R.F. CHOKES

Size: %," dia. x %" long.
Shg. wt., 3 oz.
A new series of R.F. Chokes taking advantage of the high permeability of ferrite cores. These chokes combine high inductance and low D.C. resistance.

ance	GITT	Artis Pro-	the State	312141162		
Stock	No.	Miller	mh	Ohms Max.	ma	Net
34 R	88277	4646	0.24	8.16	125	.89
		4649	0.55	13.2	125	.95
34 R	8293	4652	1.0	19.8	125	.95

#### RESINITE ADJUSTABLE R.F. COILS

Resinite is a phenolic impregnated tubing which can be certified to MIL.P-798 type PBG. Combines good mechanical and electrical characteristics. Dimensions: 1/4" dia. x "%" long. Avg. shpg. wt., dia. x 1%"

#### MINIATURE ADJUSTABLE R.F. COILS

	Miller	Min. uh.	Max. µh.	
Stock No.	Type 20A-	±5%	±10%	Net
34 R 89440	107RBI	.088	,120	1.68
34 R 89416	157RBI	.108	.180	1.68
34 R 89408	477RBI	.356	.564	1.76
34 R 89374	687RBi	.508	.816	1.76
34 R 89382	827RBI	.735	.984	1.76
34 R 89358	106RBI	.885	1.20	1.76
34 R 89366	156RB1	1.08	1.80	1.76
34 R 89333	226RB1	1.62	2.64	1.76
34 R 89341	336RBI	2.38	3.96	1.76
34 R 89325	686RBI	5.08	8.16	1.76
34 R 89291	826RBI	7.35	9.84	1.76
34 R 89275	155RBI	10.8	18.0	1,99
34 R 89259	335RBI	23.8	39.6	1.99
34 R 89226	154RBI	108.	180.	1.99

#### COILMASTER DELUXE ACCURATE COIL WINDER



Latest redesigned model gives even greater accuracy than ever to meet modern requirements. Easy-to-use set winds honeycomb, spiderweb and solenoid coils of set winds honeycomb, spiderweb and solenoid couls or 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. Uses #22 to #40 wire. Supplied with accessories including wood spools, metal pegholders and extension for making long solenoid coils. Instructions included, but less coil form and pegs. Shpg. wt., 32 R 87018

#### HIGH-Q R.F. COILS

(Fig. E.) A complete line of unshielded per-(rig. t.) A complete line of unstitution per-meability tuned coils for replacement use or as the front end components in new receiver design. Ranges shown are for use with a 365 mmfd variable tuning condenser. Dimensions: 36" x 2". Avg. shpg. wt., 3 oz.

Stock No.	Miller No.		Use
LONG	-WAVE COI	LS (140-42	O kNz) -
34 R 87063		A	ntenna Stage
34 R 87071	X-5495-RF		RF Stage
34 R 87089	X-5495-C	Standard	Osc. 455 kHz
34 R 87097	X-5496-C	Tapped	Osc. 455 kHz
Any of abo	ve	*********	Net ea. 3.42

BROADCAST BAND COILS (540-1700 KHZ)	1
34 R 87105 A-5495-A Antenna Sta	ge
34 R 87113 A-5495-RF RF Sta	ge
34 R 87121 A-5495-C Standard Osc. 455 k	Hz
34 R 87139 A-5496-C Tapped Osc. 455 k	Hz
MEDIUM WAVE COILS (1.75.5 MHz)	
34 R 67147 B-5495-A Antenna Sta	ge

34 R 87162 B-5495-C Standard Osc. 455 kHz 34 R 88186 B-5496-C Tapped Osc. 455 kHz 54 R 87162 B-5496-C Tapped Osc. 455 kHz 44 R 87519 C-5495-A Antenna Stage Antenna Stage
R 87196 C-5495-C
JAPEN BY 196 C-5496-C
AR 8720 D-5495-A
AR 87210 D-5495-R
AR 87220 D-5495-R
AR 87220 D-5495-C
AR 87230 D-5496-R
ANTENNA BY 1978-R
ANTENNA BY 197

HIGH-Q FERRITE ANT. COIL

HIGH-U PERKITE ANT. COIL

(Fig. 6) Highly efficient broadcast band antenna coil for use in small receivers where no external antenna is desired. High-permeability low loss ferrite tuning core. Freq. range, 540-1700kHz. Supplied with mounting bracket and 18" polyethylene insulated antenna wire. Size: 3,8" x 2\4". Wt., 3 oz. 34 R 87055 Miller 6300 Net 1.52

#### 10.7 MHz TRANSISTOR I.F.'s

		series of IF Tra	
ers specifica	ily desi	gned for operati	on with
transistors.	Single	tuned IF's and	double
tuned ratio	detector	. Size: IF-13/3	" 5Q. X
5/4" high-S	ize: rat	io detector-13	"x"4"x
1/2" high. Shp	g. wt., :	3 02.	Net Ea.
34 R 88145	2070	1st IF	3.42
34 R 88152	2071	2nd IF	3.42
34 R 88160	2072	3rd IF	3.42
34 R 88178-	2073	Ratio Det.	4.07

#### 3/4" PERMEABILITY TUNED I.F. COILS



Tuned top and bottom, powdered iron cores. Silvered mica condensers, molded plastic bases, etched aluminum cans. \(^4x\)4x\)2"
With mounting clip and plate. \(^8x\)5ade bolt mtg. with leads. \(^1\)=with diode condenser. Shpg. wt., 3 oz.

Stock No.	Type	Function	Net
32 R 55320 32 R 55346 32 R 55361 32 R 55379	16-6752 16-3487	455 kHz Input 262 kHz Input 10.7 MHz FM Input 455 kHz AC-DC	2.18 1.86 3.72 3.83

#### HORIZONTAL LINEARITY AND WIDTH CONTROLS

Iron core variable inductance coils for linearity and width adjustment. Wound on a bakelite form 36" in diameter, Mtg. clip fits 3/4" hole. 6300's—phenolic form. Avg. shpg. wt., 3 oz.

Stock No.	Miller	Millihenries	Net
34 R 88384	6196-A	.054~50 Tapped	2.12
34 R 88442	6314	2.0-18	1.75
34 R 88459	6315	4.0-30	1.75
34 R 88483	6318	.20-3.0	1.59
34 R 88491	6319	15-60	2.16
34 R 88517	6321	1.0-5.0 Tapped	2.03
34 R 88525	6322	1.5-10	1.69
34 R 88533	6323	.50-5.0 Tapped	2.03
34 R 88541	6324	60-130 Tapped	2.16
34 R 86487	6329	2.2-10 Tapped	2.16
34 R 86495	6330	45-215	2.39

# Coils and Chokes

#### MILLER COMMUNICATIONS I.F. TRANSFORMERS



Designed for experimental use in communications equipment where selectivity and stability are important. The 100 kHz 1.F. transformer and BFO coil are intended for tube application, while the 455 kHz crystal fitter 1.F. transformers have taps on the winding to allow for use with both tubes and transistors. The 1800 kHz 1.F. transformer offers the best possible "Q" with stability to give a degree of selectivity that compares with lower frequency 1.F. transformers. This transformer is for use with tubes only. Type number 1770 is a double tuned 1.F. transformer having taps on both Primary and Secondary winding. Dimensions: 34" by 34" by 2" high. Average shgg, wt., 4 oz.

Stock No. Type	Description	Net
34 R 86404 1709	100 kHz I.F2.5 kHz Bandwidth	3.82
34 R 87840 1710	100 kHz I.F.—3 kHz Bandwidth	3.17
34 R 87857 1711	100 kHz B.F.O.	2.95
34 R 87865 1725	455 kHz Crystal Fifter I.F. Input	3.31
34 R 87873 1726		
34 R 67861 1727	455 kHz B.F.O.	2.95 2.74
34 R 87899 1730	1800 kHz I.F.—25 kHz Bandwidth	3.17
34 R 67907 1770	455 kHz Double Tuned Transistor I.F30K:1K	3.82
34 H 8/915 1/31	1610 kHz Link Coupling Coll Unshielded	3.60
34 R 86412 1732	1650 kHz 1.F. (Citizens Band Transceivers)	3.17
34 R 86420 1733	1650 kHz Printed Circuit 1.F.	3.17
34 R 86438 1740	9 MHz S.S.B. Input Trans.	3.17
34 R 86396 1741	9 MHz S.S.B. Output Trans.	3.17



#### MILLER FM STEREO MULTIPLEX INDUCTORS

For use in FM Stereo Multiplex tuners and receivers, both standard and printed circuit. Size: 34" sq. x 125" high. Shoe, wt., 3 oz.

21		STANDARD	
Stock No.	Type	Description	Net
34 2 88749	1351	Low Pass Filter	2.99
34 R 88756	1352	Band Pass Filter Series Element	2.74
34 R 88764	1353	Band Pass Filter Shunt Element	2.74
34 R 88772	1354	Locked Oscillator 19 kHz	3.89
34 R 88780	1355	Output Trasnformer 38 kHz	3.60
		PRINTED CIRCUIT	
34 R 88798	1351-PC	Low Pass Filter	2.99
34 R 88806	1352-PC	Band Pass Filter Series Element	2.74
34 R88814	1353-PC	Band Pass Fifter Shunt Element	2.99
34 R 88822	1354-PC	Locked Oscillator, 19 kHz	3.46
34 R 88830	1355-PC	Output Transformer, 38 kHz	3.46
For use in a	newly design	ned circuit that eliminates the 19 kHz	

For use in a newly designed circuit that eliminates the 19 kmz uscul-lator and resulting synchronizing problems. In conjunction with an improved low pass filter and detecting system. Improved separation can be achieved. Shpg. wt., 3 oz.

Stock No.	Type	Description	Net
34 R 87816	1356	19 kHz Output 38 kHz Input Low Pass Filter	3,49
34 R 87824	1357		3,46
34 R 87832	1358		3,60



#### FERRITE CORF R.F. CHOKES

A new series of R.F. Chokes taking advantage of the high permeability of ferrite cores. These chokes combine high inductance and low D.C. resistance. Size: ¼a" diameter x ¾a" long. 1½" axial leads.

Stock No.	Type	mh	Max.	MA.	Net
34 R 87923	6302	2.5	9	160	1.24
34 R 87931	6304	5	14	160	1.43
34 R 87949	6306	10	31	100	1.59
34 R 87956	6308	25	82	65	1.59
34 R 87964	6310	50	127	65	1.91

#### FREQUENCY SELECTIVE R.F. CHOKES



Designed for maximum efficiency and highest imped-ance at specific operating frequencies, this group of R.F. chokes eliminates the designers task of attempting to choose the best coil for a particular application. signed to cover the major Amateur Industrial

Shpg. wt., 3 oz.	ond Officers Bands.
Miller	Free.

Stock No.	Miller Type No.	t	Freq.	Fig. Net
34 R 89697 34 R 89705 34 R 89713 34 R 89721	RFC-21 RFC-28 RFC-50	84 μh 38.5 μh 24 μh 8.2 μh	7-20 15-30 25-40 30-90	1 1.49 1 1.21 2 1.34 2 1.15
34 R 89739 34 R 89747 34 R 89754	RFC-220 RFC-420	1.72 μh .82 μh .22 μh	75-180 160-340 <b>325-5</b> 00	2 .80

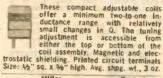
#### ECONOMY ADJUSTABLE R.F. CHOKES



A recently developed nylon molding process A recently developed nylon mobiling process makes possible an inexpensive line of adjustable chokes. They are adjustable from either the top or the bottom, giving you design flexibility. Mounting is achieved by way of a metal clip in a 1/6" hole. Dimensions: 1/4x13/4" long. Shpg. wt., 3 oz.

Stock No.	Miller Type	Microhenries	Net
34 R 89507	4200	Form only	.54
34 R 09762	4202	1-2.5	1.30
34 R 89770	4203	2-5.5	1.34
34 R 89788	4204	5-12	1.37
34 R 89796	4205	10-25	1.40
34 R 89804	4206	20-55	1.49
34 R 89812	4207	50-140	1.52
34 R 89820	4208	120-330	1.56
34 R 89838	4209	310-860	1,59

#### SUBMINIATURE ADJUSTABLE R.F. COILS



teppi	Miller Type	- 122	10	lypica Dist.	
Stock No.	No.	L Min.	L Max.	C(af)	Net
34 R 89572	9054		60.0µh	11.0	
34 R 89558		120.0µh	280.0gh	9.0	2.77
34 R 89614	9058	650.0uh	. 1.3Mh		
34 R 89622	9059	1.3Mh	3.0Mh	16.0	
34 R 89630	9060	3.0Mh	10.0Mh	7.0	3.13
34 R 89648		8.0Mh	20,0Mh	7.0	3.13
34 R 89655	9062	15.0Mh	40.0Mh	7.0	3.13
34 R 89663	9063	20.0Mh	60.0Mh	10.0	3.24

#### MILLER HEAVY DUTY HASH CHOKES



Molded powdered iron form offer a series of relatively high inductance, high current hash filter chokes.

Stock No.	Part	Uh. ±20%	Ohms Max.	Amp.	Net
34 R 86586 34 R 86594 34 R 86610 34 R 86602 34 R 86628	5218 5220 5240 5248 5250	3.35 8.8 40.0 68.0 100.0	.010 .021 .082 .054	5 2 5	1.85 1.85 1.32 1.50

#### STANDARD ANTENNA AND R.F. COILS



Designed to cover the broadcast band from Designed to cover the broadcast band from 545 to 1580 kHz (190-550 meters) with a 365 mmfd. tuning condenser. High impedance primaries, wound with Litz wire. Shielded coils are in black crackle finish, non magnetic can. 176" In diameter, 2½" high. \*unshielded tshielded. Average shpg. wt..

Stock No!	Meissner	Description	Net
32 R 55205	14-1010*	Ant. Coll	3.72
32 R 55213	14-1004†	Ant. Coil	3.72
32 R 55221	14-1011*	RF Coil	2.79
32 R 55239	14-1005†	RF Coil	3.72

#### SUB-MINIATURE TRANSISTOR I.F.'s AND OSCILLATOR

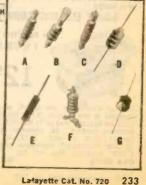
Cup core construction permits the use of extremely small shields without adversely affecting transformer operation. A high impedance, tapped primary winding high impedance, tapped primary winding coupled to a low impedance secondary provides optimum energy transfer between stages. Dimensions: ¾ sq. x ¾ high.

Stock No. Miller	Freq.	Imp.	Item	Net
34 R 86081 9-C1	. 455kHz	25K-	Input	3.00
34 R 86131 9-C2	455kHz	600 c	Output	3.00
34 R 87030 202	Oscillat	or (Tu	ohms	2.67

#### NATIONAL RF CHOKES

Wound on ceramic form except R33, R50 and R60 series on bakefite. All have fungus resistant varnish Coat. Type R33 is 2 section, R50 are 3 and 4 section, Types with † mounted on fixed standoff insulator. Types ending in U have removable standoff. Shpg. wt. R-154U. 5 oz. All

40.00	_				0111911613	- 15	THE OTHER	162
-		Stock No.	Mfr. Type	Fig	. мн	‡ Ma	Ohms	NET EAC
32	2 8	5101	4 R-100	A	2.5	115	44	5.8
		5102		A	5			.84
		5103				70	90	1.15
				A	10	60	130	1.35
34	K	5106	3 R-100U1	В	10	60	130	1.80
32	0	5112	1 R-300	Α	1	400	11	
		5115						.80
					2.5	375	17	1.00
			2 R-50	D	.5	150	15	.60
32	R	5117	0 R-50	D	1	135	23	.60
				-				
		5119		D	10	115	36	.85
		5121		F	1	600	6	4.00
32	R	5123	8 R-33	0	1.	850	.06	.48
32	R	5124	6 R-33	D	11*	350	1.8	
		5125		D	50°	225		.45
				U	30	223	3.5	.45
		5126		D	100°	200	5	.48
32	R	5127	R-33	D	750*	125	16	.48
		51287		E	2*	1500		
		5129		G			.06	.51
-	2	0:23	C.C.04.4	U	3.3	125	15.7	87



### RELAYS - RELAY TOOLS - COUNTERS

SENSITIVE MINIATURE RELAY

POCKET CLEANER-BURNISHERS



Extremely small, sensitive relay—weighs only ½2 oz.! Double-pole double-throw, with silver and silver-gold-platinum alloy contacts. Contact handle up to 100 volts at 300 ma. (30 wats). Coil measures 5,300 ohms DC resistance-rated at 4.1 ma, DC pull-in current, 0.95 ma. DC, drop-out. Enclosed in transparent plastic dust cover; Operating time 2.8 millsecs; release time about 1.5 msecs. Breakdown voltage rating: coil to frame, 500%; contacts to frame 350%. Measures 1½x½½x½". Ideal for model control, photocell relay, carrier-current control and dozens of other miniature applications. Imported. Shpg. wt., 4 oz.

**OPDT** Miniature OC Relay 99 R 60931





- 4 Digit Capacity
- Single Turn Reset Knob

Registers 0 to 9999. Highly polished chromium plated brass case. Attached finger-ring and compact shape for comfort in holding. Plunger operated for smooth, easy action. Large, clearly read numerals. Knurled reset knob sets register to zero in one turn. Precision accuracy for lab, school and industrial users. Invaluable for inventory control—gate checking—traffic, etc. Small Size, approximately 1% x 1%. Permits concealed operation. Imported. Wt. 5 oz. 98 R 90300 99 R 90300 Net 2.49

5-DIGIT STROKE-ACTUATED



Easy-to-mount rugged counter for counting machine operations. One count per stroke. Drilled mounting flange: actuating arm and spring. May be manually or solenoid actuated. Reads up to 99,999; side knob easily resets to zero from any number. Overall size: 2½x1½x1½". Imported. Wt., 1/2 lb. Net 3.49 99 R 90292

6-DIGIT ELECTRIC COUNTER



May be actuated by any switch, relay, etc. Operates in any position, White figures on a black background read up to 999,999. Built-in selenium rectifier. DC operated solenoid, chrome-plated. 6" leads, 110V, AC, 50/60 Hz, Size: 24/2xZ11/4", Removable front plate: 35/x2". Imported, Shpg. wt., 11b 99 R 90110 Net 12.95

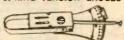
Compact penfile for cleaning and burnish-ing relay contacts. Replaceable steel blades leave no residue. Plastic cap permits working on "live" contacts. Chromed barrel ing on "live" contacts, Chromed parret with pocket clip. With 12 blades, Size: 36x542". Shpg. wt., 3 oz. P-4, Penfile with 12 RB-4, 14x114" blades.

12 R 22058 Net A.R2 P-6, Penfile with 12 B-6, % x134" blades

12 R 22066 Net 4.82 RB-4, Replacement blades for P-4, pkg. 25.

12 R 22074 Shpg. wt., 3 oz. Net 5, RB-6 Replacement blades for P-6, pkg. 25 Net 5.02 12 R 22082 Shpg. wt., 4 oz. Net 5.02

#### SPRING TENSION GAUGES



Precision gauges for determining tension of relay and other electronic springs, Engraved scale, front and back for indicating horizontally or vertically. Center-to-left or center to-right reading. 1½x5". Shpg. wt., ¼ lb G-10, 0-10 gram gauge in 1 gram steps.

12 R 22108 Net 9.15 G-50, 0-50 gram gauge in 5 gram steps. 12 R 22116 Shpg. wt., 5 oz. Net 9.15



#### LAFAYETTE HIGH SENSITIVITY METER RELAY

Meter Movement Closes Circuit at 2 Mils

Extremely sensitive meter type relay. Normally open. Ideal suited for uses with model railroad, photoelectric relay circuit, baby-tenders, remote control toys, remote control tenders, remote control toys, remote control boats, fire alarm, and many other practical applications. Precision-built meter movement provides virtually friction-free movement. Contact will close at 2 milliamps. Internal resistance 100 ohms. Meter movement ternal resistance 100 ohms, Meter movement rated 5 ma continuous, 10 ma momentary; contacts rated 500 ma continuous, momentary 1 amp at 3v and 250 ma at 6.v with resistive load. Sensitivity: 2.5-.6 mw, Internally adjustable. Relay Is enclosed entirety and transparent cover permits observation. Solder plns are placed externally for easy connections. SPST. Size: 134 x 136 x 136". Imported. Shogs. wt., 5 ozs. Net 4.39 9 R 61996



Net 4.39 LITTLE "JEWEL" REMOTE CONTROL RELAY 129

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 puil in at 1.4 MA drop out at 1.2 MA D.C. Single pole, double throw. Used in many coil. Imported. R/C receivers. 5,000 ohm 99 R 60915

Net 2.29 42 R 61012



As LOW AS 285

ALCO ISOLATION CONTROL RELAYS

No More Hot AC Line Dangers in Your Equipment Switches and Controls!

Permits any on-off power switch or control circuit to be isolated from the dangerous AC line voltage and to be operated safely. Excellent for remote operation of vacuum cleaners, TV sets, electric lawn mowers, floor scrubbers, heating systems, burglar alarms, slide projectors, attlc fans, stereo M-fi, machine control, etc. Handle up to 600 Watts of power and may be operated from remote switches up to several hundred from them. With 6 inch bases, 1900 per several hundred from them. feet away. With 6 inch leads and two 8/32 thread mounting holes, Size: Model FR-105 =1.770"L x 1.319"W x 1.385"H; Model FR-102=2.130"L x 1.733"W x 1.531"H; Model FRE-103=2.800"L x 2.000"W x 1.440"H. Shpg. wt., 8 oz.

Max. Contrei Stock No. Model Contacts Circuit Resist. Net 30 R 12036 FR-105 SPST 50 ohms 3.85 30 R 12010 FR-102 SPDT 300 ohms 4.45 30 R 12028 FRE-103† SPDT 400 ohms 4.95 AC Outlet Plug-in types. Has side jack for plug-in of remote switch or sensor

#### DOW KEY **60 SERIES** COAXIAL RELAYS



Heavy-duty SPDT coaxial relays rated 1 KW Impedance. 50 ohms. Life, over 1,000,000 operations. VSWR, less than 1,15:1 from 0 to 500 MHz. Features patented automatic receiver-protecting connector for positive isolation of RF from receiver: Greater than 100 db isolation between receiver and transmitter lines from 0 to 500 MHz/ With UHF coaxial connectors and 2 Form C Aux. Contacts, Size: 3.00" x 0.88", x 0.88", Shpg. tacts, Size: wt., 12 oz.

Stock No. Type Coll Volts Net Ea. 115VAC 40 R 52015 60-262842 21.78

# 5-CHANNEL RESONANT REED



#### HOBBY RELAY

• For R/C Hobby and CB Tone Receivers . For High Sta-bility Oscillator Oscillator Control

Control

Frequency tolerance ± 1%. Features low tuning error, good temperature stability, low driving requirements. SPECIFICATIONS: (at 25° C): Frequency stability: ± .0025% per degree C over the range of —40 to +85° C: Coil resistance: 600 Ohms DC ± 10%; Threshold Sensitivity: 1.0 V rms to 2.0 V rms at resonant frequency, Operating level: 6.0 vrms. Design frequencies; (#2) ± 1.0%: REEDS: A=266.0. B=280.8, C=313.0, D=349.0, E=389.0 Hz. Constant rating 100 ma peak at 48 vdc (resistance load, contacts (+) in relation to reeds). Weight 2.5 oz. Mounts with 2—6/32" tapped holes on back. Size: 1½x13x13x114". Shpg. wt., 9 oz. 42 R 61012 Net 10.95

MULTI-COUNTER 5-POSITION TALLY REGISTER
Five plunger operated tally registers in a
single highly polished chromium plated case,
ideal for (1) laboratory use (2) time & motion
studies (3) production control. Each 3-digit
register counts up to 999. Easy-to-fead
numerals. Large knurled reset knob on side
refurs all 5 nositions; to zero simultaneousnumerals. Large knurred reset knob on side returns all 5 positions to zero simultaneous-ly: Overall size: 5¼wx1½mk1½m°D. Im-ported. Shpg. wt., 1 lb. 99 R 90318 Net 12.95 Now-from Columbia- at great savings...

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NASH & YOUNG
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204230/204248 Counts as 2 selections



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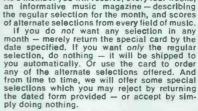




















Your own charge account will be opened upon enrollment . . . and selections will be mailed and billed to you at our regular prices: cartridges and cassettes, \$6.98; reel-to-reel tapes, \$7.98; records, \$4.98 or \$5.98 . . . plus a processing and postage charge. (Occasional special selections may be somewhat higher.)









Fantastic bonus plan, Your only obligation is to buy seven selections (at regular Club prices) during the coming year. After doing so, you have no further obligation - and you may cancel membership at any time. If you decide to continue, you will be eligible for our generous bonus plan — which can save you at least 33% on all your future purchases!

Please accept my membership in the Club, I am interested in the following type of recorded entertainment:

check one box only

8-Track Cartridges (AN-W)	94
Tape Cassettes (AO-X)	
Reel-to-Reel Tapes (BX-Y)	
12" Stereo Records (72-Z)	

Send me the seven selections indicated, and bill me only \$3.98, plus processing and postage. I agree to buy seven more selections (at regular Club prices) during the coming year, and may cancel membership any time thereafter. If I continue, I'll be eligible for your bonus plan.

All selections will be described in advance in the Club magazine, sent every four weeks. If I do not want any selection, I'll return the selection card by the date specified — or use it to order any selection I do want. If I want only the regular selection for my musical interest, I need do nothing — it will be sent automatically. And from time to time, I'll be offered special selections which I may accept or reject by using the dated form always provided.

YN	MAIN	MUSICAL	INTEREST IS	(check	one	box only)
	Easy	Listening	Young 9	Sounds		Country

SEND ME THESE 7 SELECTIONS FOR ONLY \$3.98

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ı	go with love
ı	Plus What the
ı	World Needs
ľ	Now is Love
ı	SCEPTER PAURIS SPISOFILL
в	

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OUBL	2-record each doubl	MAD ENGL
		19

2.000.00
MAD DOGS & ENGLISHMEN The Letter - others
195685

\* Selections marked with a star are not available in reel tapes

Mr. Mrs. Miss. (Please Print)				
(Please Print)	First Name		Initial	Last Name
Address				
City		State		Zip
o you have a telephone? (che	ck one) TES	□ NO		
IPO, FPO addressees: write fo	or special offer		B16/F71	

# **Amperite... Hart-Advance... Hillburn Relays**

#### AMPERITE THERMOSTATIC DELAY RELAYS

Neater-actuated time-delay relays. Operate on AC, DC or pulsating current. Hermetically sealed in glass envelope with octal base SPST, normally open, closed by heater after delay (in sec.). Heater draws only 2 watts. Contacts rated 3 amp. at 115V AC or 1.0 amp. at 220V AC. Shpp. wt., 5 oz. Size 246" x 11/4" diameter.



	Normally Open		Norma	By Closed
Sec.	AC-BC	AC-DC	AG-DC	AC-DC
2 5	33 R 35015	33 R 35146	33 R 35254	33 R 35387
5	33 R 35023	33 R 35155	33 R 35262	33 R 35395
10	33 R 35031	33 R 35163	33 9 35270	33 R 35403
15	33 R 35049	33 B 35971	33 R 35288	33R 35411
20	33 9 35056	33 R 35489	33 R 35296	33B 35429
30	33 9 35084	33 R 35497	33 R 35304	33R 35437
45	339 35072	33 R 35205	33 R 35312	33 R 35445
60	33 R 35080	33 R 35213	33 R 35320	33 R 35452
75	33 R 35058	33 R 35221	33 R 35338	33 R 35460
90	33 9 39199	33 R 35239	33 R 35346	33 R 35478
20	33 R 35114	33 R 35247	33 R 35353	33 g 35486
150	33 R 35122		33 9 35361	1000
180	33 R 35130		33 g 35379	3143 31514
Any of	above			Net ea. 2.40

Ministure Relays. Same type delay relays as above, available in miniature size, with delays from 2 to 120 Sec. Contacts rated 2 Amps, at 1.15 VAC or 1 Amp, at 220 VAC. Has 9 pin miniature base. Size 242x7/8 dia. Shpg. wt., 4 oz.

		elly Open	Norma	ally Closed	
Delay	6.3V	1157	6.3V	115V	
Sec.	AC-DC	AC-DC	AC-DC	AC-DC	
2 5	33 R 35494	33 R 35001	33 R 35718	33 R 35025	
	33 R 35502	33 R 35619	33 8 35726	33-9 35833	
10	33 R 35510	33 R 34627	33 R 35734	33 R 3584	
15	33 R 35520	33 R 3 5835	33 R 35742	33 R 3585	
20	33 R 35536	33 R 35643	33 R 35759	33 R 35460	
30	33 R 35544	33 R 35650	33 R 35767	33 R 35874	
45	33 R 35551	33 R 35668	33 R 35775	33 R 35882	
60	33 R 35589	33 R 35676	33 R 35783	33 R 35890	
75	33 R 35577	33 R 35684	33 R35791	33 R 35900	
90	33 R 35585	33 R 35692	33 R 35809	33 R 35916	
120	33 R 35593	33 B 35700	33 R35617	33 R 35924	
Any of	above			Net ea. 2.40	

#### HILLBURN RELAYS

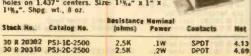
MG POWER BELAYS are most effective for power transfer or control of multiple circuits. Used for motor controls, lighting, automation, mobile, air-concitioning, elevators, etc. Completely insulated from mounting bracket and grounded by insulated washers and barrier strip which meets U/A requirements for over air and over surface spacing. Insulation tested at 1250 VAC. Contacts: heavy duty, positive action 1/4" fine silver rated 15 amogrees. Mounts by two #6-32MC-28 thread holes in 2-mounting centers. Size: 2% x 1 % x 1 % Shpg. wt., 8 oz.



Stock No.	Catalog No.	Veits		Resistance (etms)		Net
30 R 20286	MG-1C-115A	115 VAC	5.3 VA	585	SPDT	4.31
30 R 20254	MG-2C-115A	115 VAC	5.3 VA	585	DPDT	6.33

#### PSJ SENSITIVE CIRCUIT RELAY

A highly sensitive compact relay adaptable for single and multiple circuit control where reliability and low operating powers are indicated. Terminal board, and armature assembly molded with black general purpose phenolic for excellent insulating properties. Contacts: 5A-3/15" silver cadmium oxide-gold plated. Sensitivity: 100 MW per pole. Mounts by two 5-32NC-2BTMD. holes on 1.437" centres. Size: 1"%,a" x 1" x 1"%,s". Shop. wt., 8 oz.



#### HART-ADVANCE RELAYS

#### General Purpose Relays

Types GHUB-GHUH, Available as an open relay (GMUB) or with a dustite plastic enclosure (GHUH). Enclosed types with SPDT and DPDT contacts ave 8 pin octal plug-in bases while the 3PDT types use 11 pin plug-in bases. Open relays sepplied with axial type solder lugs. Size GMU8-1%, x 17/a, x 17/

GHUB	volts AC. UL	Recognized, W	1., 5 oz.		GHUN
Stock No.	Туре	Cuil Ohms	Conta Form	Amps	Net
30# 20005 SHL	JB/1C/24VA	96	SPDT	10	3.23
30 R 20013 GHL	8/1C/12VD	120	SPDT	10	3.10
30 R 20021 GHL		96	DPDT	10	3,95
30 R 20039 SHL		2,200	DPDT	10	3.95
30 R 20047 GHL	JB/2C/12VD	120	DPDT	10	3.54
30 R 20054 SHU	18/3C/6VD	30	3PDT	10	4.00
30 R 20062 SH	IB/3C/24VD	480	3PDT	10	4.00
30 R 20070 GHL	JH/1C/115VA	2,200	SPOT	10	5.55
30 R 20088 SHU	JH/2C/115VA	2,200	DPDT	10	8.14
30 R 20006 GH	JH/3C/115VA	2,200	3PDT	10	7.69

#### TYPE 12

Multiple contacts. Used widely in industrial controls, communications equipment, and automatic vending machines. Coli dissipation, 3 watts maximum. Size: 12%,3W x "t.".

Mounting: 4 6-32 tapped holes on 3/4"x7/8" centers. Standard Contacts: 3/16" silver, Rated 10 amperes resistive at 115 VAC, Shpg, wt., 8 oz.

Stock No.	Туре	Volts	Form		Length		Net
	120C-12-2C-10	12VDC	DPDT	10	1%,-	3	.95
	12AC-12-2C-10	12VAC	DPDT	10	1%."		95
	12AC-24-2C-10	24VAC	DPDT	10	1%."	3	.95
	12AC-115-2C-10	115VAC	DPDT	10	1%-		1.95
30 R 20146	12AC-115-3C-10	115VAC	3PDT	10	176"	4	.90
		TYPE !	<b>UK</b>		m		m

Type NK DC relays require less than 1/2 cubic inch mounting space. Beryllium copper armature hinges assure stable performance under vibrasion and shock. Mounting Data: Relay supplied wif single 2-56 MC-2 machine screen Size: 12 46L x 51/64H x 5/8°D, Shpg. wt., 6 oz. Last part of type no=Volts, ie.,//6Vd=6 Volts DC.

Stock No.	Type	Coil	Coil Cor		Not	
30 R 20153	MK/1C/6VD	50	SPDT	Amps 1	5.85	
	MK/1C/12VD MK/2C/12VD	200 120	SPOT	1	5.85 7.50	

#### POWER RELAYS

Type PC Compact and positive acting relays for either AC or DC. Contacts rated at 15 Amps resistive, 5 Amps inductive at 115 VAC or 26.5 VDC. Size: 22% x 136W x 12%,"H.

Last part of type no = volts and AC or DC, ie., /24VA = 24 Volt AC; /6VD = 6 Volts DC. Shpg. wt., 8 oz.

	Coil	Cont	tacts	
Stock No. Type	Ohms	Form	Amps	Net
30R 20107 PC/1C/24VA	16	SPDT	15	5,60
30 R 20195 PC/1C/115VA	450	SPDT	15	5,50
30 R 20203 PC/1C/6VD	16	SPOT	15	5,80
30 R 20211 PC/1C/12VD	63	SPDT	15	5.60
30 R 20229 PC/2C/115VA	450	DPDT	15	8.25
30 R 20237 PC/2C/6VD	16	DPDT	15	8.25
30 R 20245 PC/2C/12VD	63	DPDT	15	8.25
30 R 20252 PC/3C/12VD	63	3PDT	15	12.20

#### TIME DELAY

TYPE DT Used with relays for time delay of 5 to 60 seconds. Adjustable with a range of 8 to 20 cycles per minute.

Mounting Data: 2 holes .154 dia, for 6-32 NC-2 screws; 136" centers, Size:12%, 1 x 1922W x 13/16"H. Shop wt 2 oz

Stock	Туре	Cail Valt	Contacts Form Amps No				
30 R 20260	DT/1A/115VA	115VAC	SPST-NO		3.60		
30 R 20278	DT/1B/115VA	115VAC	SPST-NC		3.60		



# **Pilot Light Assemblies**

#### - E. F. JOHNSON PILOT LIGHTS -

#### ONE-INCH **ENCLOSED ASSEMBLIES**

Attractive, enclosed, candelabra screw base types for 115 V. S6 Jamps. Chrome plated threaded jewel per-mits replacement of lamp from front panel. Mounts in 1" hole; may be used on panels up to 3½" thick, Bind-ing screw terminals. UL listed, Series ing screw terminals, UL listed, Series 147-1209 have faceted jewel; 23% behind panel, Series 147-1600 have dome for wide angle visibility: 2½ behind panel, With mounting nut and washer, less lamp, Shpg, wt., 4 oz.

33 R 32467 1209 33 R 32475 1209 33 R 32483 1209	9-3 A Green 2,40
33 R 32483 1209	
	3-4 W WILLEL 5'-40
	0-2 B Red 2.45 0-3 B Green 2.45
33 R 32509 1600 33 R 32517 1600	

Rectangular pilot light,

lamn is high intensity neon, and unit has in-

34 8 52190 Red Lans 34 R 52208 Amber Lens 34 R 52455 White Lone

LINE-O-LITE PILOT LIGHTS

neon, and untrias internal resistor, White nylon housing, chrome plated bezel. Plastic lens size 4x x 134," ... with speed nut supplied. Operates on 95-125 VAC. Shpg. wt.,



#### 1/2 INCH HORIZONTAL OPEN ASSEMBLIES

(C) For low voltage miniature bayonet (Series 147-403) and screw base (Series 147-400) lamps. \(\frac{1}{2}\)'' mounting hole. Solder terminals, Less lamp, Shgs. wt., 2 oz.

Stock No.	Mfg. No.	Socket Calor	Net ea.
33 R 32525	147-403-2	bayonet Red	,60
33 R 32533	147-403-3	bayonet Green	.80
33 R 32541	147-403-4	bayonet Amber	.80
33 R 32558	147-400-2	screw Red	.80
33 R 32566	147-400-3	screw Green	.80
33 R 32574	147-400-4	screw Amber	.80

#### 1/2 INCH VERTICAL OPEN ASSEMBLIES

Space saving inexpensive pilot light for low, voltage incandescent bulbs with ministure screw or miniature bayonet bases. Faceted colored jewels.
Solder terminals; %" mounting hole, Less

lamp, Shpg. wt., 3 oz.

Stock No.	Socket	- 68	Color	Net ea
34 R 70069	min.	screw	Red	.40
34 R 70077	min.	screw	Green	.40
34 R 70085	min.	screw	Yellow	.40
34 R 70093	min.	bayonet	Red	.47
34 R 70101	min.	bayonet	Green	.4
34 R 70119	min.	bayonet	Yellow	.4

#### LAFAYETTE PILOT LIGHTS



#### LAFAYETTE SPECIAL NEON ASSEMBLY

For operation on 110 volts AC. Requires 100k resistor in series. When used with 200 v. use 250k resistor in series. AC starting voltage 60v. Servicing life, 5000 to 10,000 operating hours. Chrome finish. Imported. Shpg. wt., 2 oz.

		Lots of 10				
Stock No.	Color	Net ea.	83.			
99 R 62242 99 R 62259	Yellow Amber	.45	.35			
99 R 62267	Red	.45	.35			

#### LAFAYETTE HOBBYIST PILOT LIGHT ASSEMBLIES

. Ideal for the Builder and Experimenter

For both miniature screw and miniature bayonet lamps. Bulb replaceable from front of panel. replaceable from front of panel, Transparent plastic dome for 180° visibility except " = opaque, Front mounting with nickel finish nut and lock-washer. Solder terminals, %" mounting hole, Less lamp, Im-ported, Shpg. wt., 2 oz.

	Screw tock No.	Calor	Bayonet Stock No.	Net Lo	
99	R 63323	Red	99 R 63398	.45	.39
99	R 63331	Clear	99 R 63406	.45	.39
99	R 63349	Amber	99 R 63414	.45	.39
99	R 63356*	Green	99 R 63422*	.45	.39

#### INDUSTRIAL DEVICES PILOT LIGHTS

#### PILOT LIGHT ASSEMBLIES WITH SLIDE BASE LAMPS

Not ea 74



Volts

6

Any of the above



I OW

Bright, highly visible pilot lights utilizing long-lived miniature slide base incandescent lamps rated 5,000 hours. Easy front panel lamp replacement.

Net ea. 1.19

L. Square Lens Dome screw-in lens has stainless steel bezel, nylon non-strip self-locking fastening nut and mounts in 1½ hole. Square lens has snap-on lens, spring steel mounting speednut and mounts in 1½ hole. UL listed, Available complete with lamps, in voltages and color lenses shown. Shpg. wt., 2 oz.

#### K Dome Lens

Volts	Red Lens	Amber Lens	Green Lens		
6	34 R 52240	34 R 52257	34 R 52265		
12	34 R 52273	34 R 52281	34 R 52299		
24	34 R 52307	34 R 52315	34 R 52323		
120	34 R 52216	34 R 52224	34 R 52232		
Any of the	above	***************************************	Net ea. 1.49		

L.	Square Lens	
Lens	Amber Lens	Green Lens
52489	34 R 52497	34 R 52505
52513	34 R 52521	34 R 52539
52547	34 P 52554	34 P 52562

SCIDE BASE CAMIFS									
Stock No.	Lamp No.	Volts	Watts	End Foot Candles	Net 1-9	Each 10-99			
34 R 51085	6 PSB	6	8	800	.62	.53			
34 R 51093	12 PSB	12	2.0	2400	.62	.53			
34 R 51101	24 PSB	24	1.7	2200	.62	.53			
34 R 51143	120 PSB	120	3.0	1600	.62	.53			

#### OMNI-GLOW NEON PILOT LIGHTS



For use on instrument panels, etc. Will last in excess of 10-25,000 hours. Built in NE-2H neon glow lamp and current limiting resistor. Mounts in ½" hole with speed nut (supplied). Complete with 4½" leads. Operates on 95-125 VAC. Available with rounded, cylindrical or square lens, with chrome bezel. Shpg. wt., 2 oz.

(A) ROUNDED LENS 34 R 52083 Red lens 34 R 52018 Clear lens 34 R 52091 Amber lens 34 R 52026 White lens Net ea. .69

(B) CYLINDRICAL LENS 34 R 52109 Red lens 34 R 52117 Amber lens

(C) SQUARE LENS 34 R 52133 Red lens 34 R 52141 Amber lens

(D) BUTTON TYPE LENS (Mounts in %" hole) 34 R 52422 Red lens 34 R 52430 Amber lens

34 R 52448 White lens Net ea. .69

#### **GLO-DOT NEON** PILOT LIGHTS

As Low AS



34 R 52125 White lens Net ea .69

34 R 52158 White lens Net ea. .69

Especially made for tight spots. Mounts in  $\frac{1}{4a}$  hole with speed nut supplied. High brilliance NE-2H lamp with built-in resistor assures long life. UL and CSA listed. Complete with two 4½° leads. Operates on 95-125 VAC, Shpg, wt., 2 oz.

(A) MEDIUM LENS 34 R 52034 Red lens 34 R 52059 Amber lens

(B) HIGH HAT LENS 34 R 52166 Red lens 34 R 52174 Amber lens 34 R 52042 Clear lens 34 R 52067 White lens Net ea...67

34 R 52182 White lens Net ea. .69

Red

CLIDE DACE LAMBE

34 R

# **Miniature Pilot Lamps and Sockets**

#### AC-DC PILOT LAMPS



Rated at 115-125V. 1500 hours average use, All are Candelabra Screw base except \* are Oouble Contact Bayonet Candelabra and \$\frac{1}{2}\$ is miniature bayonet, All clear except \* is white, Average shgg, wt., 2 oz. each.

		-		Lets 10		
Stock No.	Туре	Fig.	Watts	Ea.	Ea.	
32 F 66640	3\$6	L	3	.55	.45	
32 R 66657	656	L	6	.24	.20	
32 R 66865	656DC	34	6	.40	.33	
32 R 66673	7C7/C	96	7	.21	.17	
32 R 66681	7C7/W°	N	7	.34	.31	
32 R 56699	10C7DC	R	10	.40	.33	
32 R 66707	T-41/2	Q	4	.75	.67	
34 R 51077	120MB:	K	3	.82	.53	

#### PILOT LIGHT SOCKETS



Cadmium plated brackets with tinned brass lugs. Bayonet type with coil spring construction for positive contact, For miniature screw, hayonet, and candelabra base. Avg. shpg. wt., 2 oz.

MINIATURE SCHEW TYPE

Stack No.	Fig.	En.	10 Fer					
32 R 28004 32 R 28012 32 R 28020 32 R 28036	2 3	.35	2.60					
MINIATE	RE DA	PONET T	YPE					
32 R 20046 32 R 20053 32 R 20001 32 R 20079	2 3	.30	2.60					
CANDELA	CANDELABRA TYPE, 115 VOLT							
32 R 20087 32 R 20095 32 R 20163 32 R 20111	120	.A.	2,60					

#### SOCKETS FOR NEON, ARGON AND PILOT LAMPS



(5) Cleat Receptacle with Edison Socket.
13 R 81278 Shpg. wt., 4 oz. Net .28
(5) Receptacle with miniature screw socket.
13 R 81284 Shpg. wt., 3 oz. Net .22

(5) Receptacle with candelabra socket.
13 R 91292 Shpg. wt., 3 oz. Net .22
(6) Recessed receptacle with double contact bayonet socket. Top mounting.
13 R 34010 Shpg. wt., 3 oz. Net .62

(7) Double contact bayonet candelabra socket 13 R 34020 Shpg, wt., 3 oz. Net 1.62 (7) Single contact bayonet candelabra socket 13 R 34036 Shpg, wt., 3 oz. Net 1.49

# PILOT LAMPS – FLASHLIGHT BULBS

For radio and T.V. pilot lights, panels, flashlights, toys, appliances, coin machines, autos, etc Base code: 1- single contact flanged, 2- miniature screw, 3- double contact index, 5- single contact midget, 6- single contact bayonet, 7- double contact bayonet, 8- midget screw, 9- miniature bayonet, 10- two pin, Under AMPS, CP means candlepower, 1—25,000 hour sub-miniature lamp, Shpg, wt., box 10 is 4 oz., 1 lamp, 2 oz.

	-												
GUILL THE	Type	1000	NO. NA	LUI	Het	10	Tel Control	Type			12207	Net	10
Stock No.	No.	Aolf	Amp.Fig	. Base	Ea.	For	Stock No	No.	Yolt	Amp.Fi	g. Base	Ea.	For
32 R 66012	PR-2	2.4	0.50	1	.24	1.46	32 R 591	56 257	14	0.27	G 9	.42	2,52
32 R 66020	PR-3	3.6	0.50	1	.24	1.46	32 R 663	84 313	28	0.17	C 9	.42	2.53
32 R 6603B	PR-4	2.3	0.27	A 1	.25	1.47	32 R 663	92 327	28	0.04	P 5	.83	4.99
32 R 66046	PR-6	2.5	0.30	1	24	1.46	32 R 664	00 328	6	0.20	P 5	.66	3.94
32 R 66053	PR-12	5.95	0.50	1	25	1.47	32 R 669	13 330	14	80.0	P 5	1.11	6.68
32 R 66061	PR-13	4.75	0.50	1	.24	1,46	32 R 669	54 387	28	0.04	P 5	.94	5.62
32 R 66079	12	6.3	0.15	0 10	.33	1.96	32 R 668	63 407	4,9	0.30	H 2	.28	1.66
32 R 66087	13	3.7	0.30	1 2	.21	1.23	32 R 664	18 425	5	0.50	H 2	.27	1.60
32 R 56095	14	2.5	0.30	1 2	.21	1.23	32 R 664	25 428	12.5	0.25	H 2	.32	1.91
32 R 66103	27	4.9	0.30	1 2	.25	1.49	32 R 664	34 432	18	0.25	H 2	.37	2.23
320			- 20	1913									
32 R 66111		6.2	0.30 H		.31	1.87	32 R 664		18	0.25	6 9	.39	2.31
32 R 66129		6.8	0.15 E		.17	1.01	32 R 664		5.1		H 2	.22	1.31
32 R 66137		2.5	0.50 E		.33	1.97	32 R 664		6.1	0.50	H 2	.31	1.81
32 R 66145			0.35 E		43	2.57	32 R 690		6.3	0.15	C 9	.41	2,46
32 R 66152		2.5	0.50		.33	1.97	32 R 690		14	0.08	C 9	.55	3.27
32 R 66160		6.8	0.25		.17	1.03	32 R 690		28	0.08	C 9	,60	3.60
32 R 66178		3.2	0.35		.28	1.67	32 A 691				F 3	.54	3.25
32 R 66186		5-8	0.25 B		.17	1.00	32 R 664			21C.P.		.40	2.41
32 R 66194		6-8	0.15		.17	1.03	32 R 664			32C.P.	J 6	.70	4.19
32 R 66202	48	2.0	0.06 E	2	.33	1.97	32 R 567	12 1126	12	32C.P.	F 6	.57	3.40
32 R 66210	40	2.0	0.06	9	.28	1.66	32 R 691	90 116	7 12.8	2.1	F 3	.54	3_25
32 R 56278		6-8	1C.P. F		.20	1.20	32 R 664			0.20	H 2	.38	2.30
32 R 66236		6-8	1C.P. 0		.10	1.06	32 R 665			0.15	H 2	.26	1.57
32 R 66244		14.4	0.12		.20	1.18	32 R 665			0.20	H 2	.21	1.27
32 R 66251		6.8	2C.P.		.20	1.19	32 R 665			0.17	B 2	.84	5.06
32 R 56269			2C.P. (		.20	1.21	32 R 665				B 2	.33	1.97
32 R 66277		6-8	3C.P. (		.25	1.50	32 R 665			0.15	C 9	.35	2.11
32 R 69164		13.5	0.59		.26	1.56	32 R 665				C 9	.27	1.63
32 R 66285		6-8		6	.30	1.78	32 R 665	74 149			F 7	1.59	9.56
32 R 66293		6-8	6C.P. (		.30	1.78	32 R 668			5,5	1 6	1.43	8-57
1.355		-			115	-							
						LE							
32 R 66846			15C.P. I		.40	2.37	32 R 665			0.20		1.18	7.07
32 R 66301		1.2	0.22		.21	1.23	32 R 665			0.20	C 9	.30	1.79
32 R 66319			0.30		.22	1.31	32 R 668			0.04	C 9	.43	2.59
32 R 66327		1.3	0.60		.29	1.71	32 R 566			0.10	C 9	.48	2.87
32 R 66335		2.2	0.25		.21	1.23	32 R 690				C 9	.87	5.24
32 R 66343		2.2	0.25 -		.33	2.00	32 R 666			0.07	C 9	.46	2.74
32 R 66350			0.22		.28	1.70	32 R 666				C 9	.23	1.40
32 R 6636#		2.2		1 2	.30	1.80	32 R 656			0.24	C 9	.21	1.26
32 R 69107		6.3		9	.39	2.31	32 R 690			0.33		.24	
32 R 66376	248	2.5	0.80	1 2	.44	2.62	32 R 691	29 193	5 14	0.27	6 9	.28	1.71
	-		-			711							

#### METER ILLUMINATING PILOT LAMP

For Illuminating Meters Internally Used in Lafayette "S" and Modulation panel meters. Operates on 6 voits AC or DC. Can operate on 12 voits with 2 lamps in series. Shgs. wt., 2 oz. 99 8 82022 Net .34



Channel Selector Dial Indicator Lamp. Used in Lafayette Clitizens Band and communications equipment, Operates on 6 volts AC or BC. Can operate on 12 volts with series voltage dropping resistor, imported. Shpg. wt., 2 02. 93 R 83612 Net. 29

#### **NEON GLOW LAMPS**

For 105-125 VAC operation. Screw types have resistor in base for 105-125 v others require external resistor. AC starting voltage shown: DC starting voltage 40% higher, Shop, wt., 2 oz.







Stock No.	Туре		Watts	Start Volt	Base Type	Each	10-Up Each
32 R 66731	A9A	NE-2E	1/10	65	Wire Term	.20	1.19
32 R 65830	C2A	NE-2, NE-	2H 1/4	95	Wire Term	.20	1.19
32 R 96798	B7A	NE-45	1/4	65	Cand. Screw	1.53	9.17
32 R 868899	B9A	NE 48	1/4	65	D.C. Bay.	1.25	7.47
32 R 68814	BIA	NE-51	1/25	65	S.C. Bay, Min	.44	2.65
32 R 06822	B2A	NE-51H	1/4	95	S.C. Bay, Min	,44	2.65
32 R 06871	5AC	NE-68	_	60	Wire Term.	.80	3.58
32 R 68897	5AH	NE-83	-	60	Wire Term.	.43	2.55

# **General Electric and RCA Picture Tubes**

ONE-YEAR GUARANTEE

Tubes falling in normal use within 1 year will be replaced. You pay only transportation. Black & white tubes are made of entirely new materials except the glass which may be re-used after test inspection and refurbishing to meet new glass standards. Color tubes may contain used materials which, prior to re-use have been carefully inspection and the standard testing testing the standard testing the standard testing the standar spected and tested.

YOUR OLD TUBE IS WORTH MONEY

If you return your old picture tube (Dud) when you purchase a new
one, we will credit you for its value as shown in the column headed
"Dud Value." Duds must be brought or shipped prepaid to us and
must be intact, under vacuum and without scratches. Do not bring
in tubes for which no value is shown.







AVERAGE CHIPPING WEIGHTS FOR PICTURE TURES

Tube Prefix	Shpg Wt	Tube Prefix	Shpg Wt	Tube Prefix	Shpg Wt
8	5 lbs.	13	8 lbs.	20	20 lbs.
9	5 lbs.	14	9 lbs.	21	30 lbs.
10	7 lbs.	16	11 lbs	23	40 lbs.
. 12	8 lbs.	17	13 lbs.	24	42 lbs.
		10	1C Ibe	27	4C Ibe

The prefix of the picture tube is determined by the first two digits in the Type No.

#### NOTE: WE WILL FILL YOUR ORDER WITH EITHER A G.E. OR AN RCA TUBE DEPENDING UPON STOCK AVAILABILITY.

STOCK NO. T	UBE TYPE	NET EA. V	DUD	Stock No.	Tube Type	Net Each	Dud Value	Stock No.	Tube Type	Het Each	Dud Value
26 8 000551117	0004							C. O'DITELL			-
36 R 80055WX	8DP4	32.65	- 1	36 R 82192WX	17EMP4	38.00	-	36 R 82234WX		38.80	_
36 R 80063WX	8XP4	36.90		36 R 82325WX	17EWP4	38.00	-	36 R 81566WX		44.05	_
36 R 80071WX	8YP4	48.75	1.00	36 R 80477WX	17HP4C	23.35	-	36 R 81962WX		46.65	1.75
36 R 82374WX	9AEP4	24.15	7-20	36 R 80485WX	17LP4B	24.15	-	36 R 80899WX		29.55	-
36 R 82382WX	9AGP4	27.75	1.75	36 R 80493WX	17QP4B	24.15	_	36 R 82556WX		29.95	_
36 R 40174WX	9VP4	28.10	1.75	36 R 82646WX	18VAUP4	39.05	-	36 R 80915WX		24.50	_
36 R 81640WX	9WP4	26.95	-	36 R 80519WX	19ABP4	37.30	4.00	36 R 80923WX		24.50	-
36 R 82283WX	10ARP4	25.35	1.75	36 R 80527WX	19AFP4	39.50	4.00	36 R 82663WX		46.85	_
36 R 82390WX	10ATP4	28.40	- 1	36 R 80543WX	19AJP4	34.30	4.00	36 R 80949WX	23AHP4/A	SP4 41.70	6.50
36 R 82606WX	10AVP4	26.95	-	36 R 80568WX	19AVP4	34.30	4.00	36 R 81574WX		45.65	4.00
36 R 81665WX	11GP4	29.30	-	36 R 80576WX	19AYP4	34.30	4.00	36 R 81582WX		46.25	6.50
36 R 82291WX	11HP4	29.30	-	36 R 80584WX	19BDP4	34.30	4.00	36 R 80972WX		41.70	6.50
36 R 81673WX	11UP4	21.30	-	36 R 81509WX	19CHP4	34.30	4.00	36 R 80998WX		46.15	6.50
36 R 81681WX	12BEP4		-	36 R 81517WX	19CMP4	34.30	4.75	36 R 81020WX		46.25	6.50
36 R 82408WX	12BGP4	25.95	_	36 R 81780WX	19CVP4	39.60	4.00	36 R 81038WX		39.15	6.50
36 R 82135WX	12BKP4		-	36 R 81525WX	19CXP4	34.30	4.00	36 R 81053WX		46.25	6.50
36 R 81442WX	12BNP4A	23.35		36 R 82473WX	19CZP4	38.30	4.00	36 R 81590WX		41.30	6.75
36 R 81699WX	128ZP4	26,50	-	38 R 82481WX	19DAP4	38.30	4.00	36 R 81061WX		41.70	6.75
36 R 81624WX	12CDP4	26.50	-	36 R 81798WX	19DBP4	39.50	4.00	36 R 81079WX		48.55	6.75
36 R 81707WX	12CNP4	28.40		36 R 81806WX	19DKP4	38.30	4.00	36 R 81087WX		45,65	4.00
36 R 82143WX	12CWP4		-	36 R 40059WX	19DQP4	36.65	1.00	36 R 81095WX		44.95	4.00
36 R 82317WX	12DFP4			36 R 81541WX	19DRP4	36.65	1.00	36 R 82564WX		44.95	4.00
36 R 82416WX	12DGP4	22.40	- 21	36 R 81558WX	19DSP4	36.65	1.00	36 R 81970WX		46.65	6.50
36 R 82424WX	12DSP4		- :	36 R 81350WX	19DUP4	36.65	1.00	36 R 82572WX		51.60	4.00
36 R 82614WX	12VAGP4		-	36 R 81368WX	19DVP4	38.50	4.00	36 R 82259WX	23DWP4	51.60	4.00
36 R 81715WX	13AP4	31.95	-	36 R 81384WX	19ECP4	38.30	4.00	36 R 81152WX		46.25	6.75
36 R 82622WX	15VACP4	34.05	- 1	36 R 81822WX	19EGP4	37.95	1.00	36 R 81988WX		46.65	6.50
36 R 80212WX	16ATP4			36 R 82200WX	19EKP4	38.10	4.00	36 R 81996WX		46.65	6.50
36 R 82150WX	16AUP4		-	36 R 81871WX	19GAP4	37.95	1.00	36 R 40216WX		46.30	4.00
36 R 82440WX	16AYP4			36 R 82333WX	19GEP4A	34.30		36 R 40083WX		46.30	4.00
36 R 81723WX	16BCP4			36 R 82515WX	19GJP4	38.30	4.00	36 R 81608WX		41.50	_
36 R 81475WX	16BGP4	31.90		36 R 82523WX	19VAHP4	39.25	_	36 R 81616WX		49.15	6.75
36 R 82168WX	16BUP4	22.60		36 R 82531WX	19VAJP4	39.25		36 R 82267WX		48.80	4.00
36 R 81731WX	16BXP4	35.40		36 R 82341WX	20AHP4	39.95	DOM:	36 R 82580WX		43.80	-
36 R 82457WX	16CHP4A	01.00	-	36 R 82549WX	20RP4	36.40	-	36 R 81178WX		41.70	6.50
36 R 81749WX	16CMP4A	36.05		36 R 82218WX	20SP4	37.10	-	36 R 82028WX		41.70	4.00
36 R 81632WX	16CQP4	29.30	-	36 R 82226WX	20TP4	38.30		36 F 82036WX		50.40	6.50
36 R 82176WX	16CWP4	30.60	-	36 R 82655WX	20VAQP4	45.40	-	36 R 82044WX		50.40	6.50
36 R 81764WX	16RP4B		- 11	36 R 81897WX	21AMP4B	25.70	-	36 R 82598WX		48.15	6.50
36 R 81772WX	16TP4			36 R 80717WX	21AUP4C	26.35	70-40°	36 R 40224WX	23HFP4	49.15	6.50
36 R 80295WX	17BP4D		- 1	36 R 81905WX	21CBP4A	21.85	-	36 R 82101 WX		50.40	6.50
36 R 80287WX	17BJP4		-	36 R 80741WX	21CQP4	30.15	-	36 R 81 186WX		46.25	6.50
36 R 80303WX	17BWP4	22.55		36 R 80782WX	21DLP4	28.75	-	36 R 81202WX		41.70	6.50
36 R 82465WX	17CFP4	24.60		36 R 81921WX	21DSP4	30.50	_	36 R 81236WX		32.95	_
36 R 82630WX	17DKP4	26.55		36 R 80790WX	21EP4C	31.65	-	36 R 81244WX		46.50	4.00
36 R 80410WX	17DQP4	26.55	- 1	36 R 8 23 58 WX	21EMP4/EQP4		-	36 R 81277WX		39.25	_
36 R 80428WX	17DRP4		-	36 R 80873WX	21FP4D	31.65	-	36 R 81301WX		32.95	-
36 R 80436WX	17DSP4	28.45	-	36 R 80840WX	21FDP4	38.92	-	36 R 81343WX		96.85	16.50
								36 R 82127WX	27ZP4	101.85	16.50

#### CROSS-REFERENCE FOR TUBE TYPES NOT SHOWN ABOVE

Orig. Type	Replace	Orig. Type	Replace With	Orig. Type	Replace With	Orig. Type	Replace With	Orig. Type	Replace	Orig. Type	Replace With
9UP4	9VP4	16BWP4	16BGP4	17JP4	17BP4D	19DCP4	19DRP4	19FWP4	19AYP4	21CWP4	21CBP4A
11AP4	11HP4A	16CAP4	16BGP4	17RP4	17HP4C	19DFP4	19CHP4	19GBP4	19CZP4	21CXP4	21DSP4
11BP4	11HP4A	16CEP4	16CMP4A	17VP4	17LP4B	19DHP4	19DSP4	19GFP4	19GEP4	21CZP4	21EMP4
12BLP4	12BKP4	16CFP4	16CQP4	19ACP4	19CHP4	19DLP4	19CHP4	19GJP4	19DQP4	21DAP4	21EMP4
12BMP4	12CDP4	16CJP4	16CMP4A	19ADP4	19AVP4	19DNP4	19DKP4	19GNP4	19DRP4	21DEP4	21EMP4
1280P4	12BKP4	16CUP4	16ATP4	19AHP4	19AYP4	190WP4	19DQP4	19GRP4	19DQP4	21DFP4	21EMP4
12BUP4	12BKP4	16CVP4	16ATP4	19AKP4	19AVP4	19DYP4	19CVP4	19GTP4	19DUP4	21DMP4	21EMP4
12CQP4	12BKP4	16KP4	16RP4B	19ANP4	19AYP4	19DZP4	19DVP4	19XP4	19AVP4	21DRP4	21CBP4A
12DHP4	12BKP4	17ATP4	17BJP4	19ARP4	19AFP4	19EDP4	19DRP4	19ZP4	19AVP4	21DQP4	21DLP4
12CFP4	12CNP4	17AVP4	17BJP4	19AUP4	19AFP4	19EFP4	19DSP4	20XP4	20TP4	21EDP4	21EMP4
12CGP4	12BNP4A	17BRP4	17DSP4	19AXP4	19AYP4	19EHP4	19DRP4	21ACP4	21AMP4B	21EQP4	21EMP4
16ASP4	16ATP4	17BUP4	178JP4	19AZP4	19AVP4	19EJP4	19DUP4	21AVP4	21AUP4C	21ESP4	21EMP4
16AVP4	16BCP4	17BVP4	17BWP4	19BHP4	19AVP4	19ELP4	19AVP4	21AYP4	21XP4B	21ETP4	21EMP4
16AYP4	16BGP4	17BZP4	17DSP4	19BYP4	19AVP4	19ERP4	19DRP4	21BAP4	21CBP4A	21FAP4	21EMP4
16BDP4	16AUP4	17CAP4	17DSP4	19BWP4	19AYP4	19ESP4	19DSP4	21BDP4	21AUP4C	21FLP4	21CBPA
16BFP4	16AYP4	17CBP4	17BJP4	19CDP4	19CXP4	19EUP4	19DRP4	21BNP4	21CBP4C	21FWP4	21FVP4
16BGP4	16ATP4	17CKP4	170SP4	19CJP4	19AVP4	19EVP4	190QP4	21BSP4	21AMP4B	21FZP4	21FVP4
16BKP4	16CHP4A	17CSP4	17BWP4	19CLP4	19BDP4	19EWP4	19DQP4	21BTP4	21CBP4A	21GAP4	21GBP4
16BMP4	16AYP4	17CWP4	17DSP4	19CQP4	19CXP4	19FBP4	19EGP4	21CEP4	21EMP4	23ACP4	23BTP4
16BQP4	16CMP4A	17CZP4	17BJP4	19CRP4	19BDP4	19FCP4	19DQP4	21CMP4	21CBP4A	23AFP4	23BTP4
16BSP4	16ATP4	17DLP4	17DSP4	19CSP4	19CHP4	19FDP4	19DQP4	21CUP4	21AMP4B	23ALP4	23CQP4
16BVP4	16ATP4	17FP4	17HP4C	19CUP4	19CMP4	19FJP4	19DQP4	21CVP4	21CBP4A	23ANP4	238KP4

#### PICTURE TUBE CROSS-REFERENCE (Cont'd.)

e Orig. Type 23YP4 23ZP4	Replace With 23BTP4
23ZP4	O T DIV D A
	23BKP4
24ADP4	24CP4B
24ALP4	24AHP4
24ANP4	24AEP4
A 24DP4	24AEP4
24TP4	24CP4B
24VP4	24CP4B
24YP4	24AEP4
24ZP4	24AEP4
27SP4	27XP4
27VP4	27XP4
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	24ANP4 24DP4 24TP4 24TP4 24YP4 24YP4 24ZP4 4 24ZP4 27SP4

#### COLOR PICTURE TUBES

Stock No.	Tube Type	Net Ea.	Dud	Stock No.	Tube Type	Net Ea.	Dud Value	Stock No.	Tube Type	Net Ea.	Dud Value
36 R 40356W7	115P22	71.00	4,86	36 R 40471WX	19GWP22/EYP22	85.85	4.00	36 R 40299WX	21GFP22	123.35	9.00
36 R 40455W	11WP22	95,40	4.00	36 R 40604WX	19HCP22/			36 R 40414WX	22JP22	104,00	9.00
36 R 40547W	15ACP22	79.35	_	F 2007.1-69.	19HKP22	95.40	4.00	36 R 40422WX	23EGP22	115,95	4.00
36 R 40554W)	15AEP22	82.05	nee	36 R 40380WX	19HNP22	95.40	4.00	36 R 40638WX	25BCP22	119.30	16.50
36 R 40562W)	15MP22	82,00	_	36 R 40612WX	19HXP22	84.55	4.00	36 R 40513WX	25CP22	113.15	16.50
36 R 40570W)	15YP22	79.35	_	36 R 40620WX	19JWP22	93,40	4.00	36 R 40331WX	25UP22	128.35	1.00
36 R 40588W)	17EXP22	102.65	9.00	36 R 40117WX	21CYP22A	60.00	-	36 R 40521WX	25XP22/25AP22/	93.30	16.50
36 R 40596W)	17EZP22	89.65		36 R 40398WX	21FBP22	63.85	4.00	36 R 40539WX	25 YP22/		
36 R 40463W)				36 R 40406WX	21FJP22	70.00	4.00		258P22A	93.30	16.50

#### COLOR TUBE CROSS-REFERENCE

Original Type		Rep ace With	Original Type		Replace With	Original Type		Replace With
19EYP22	Use	19GWP22/EYP22	1 21GUP22	Use	21FBP22	25AP22A	Use	25XP22/AP22A
19FMP22	Use	19GWP22/EYP22	216VP22	Use	21FJP22	25BP22A	Use	25YP22/8P22A
19FXP22	Use	19GWP22/EYP22	22ABP22	Use	22 JP22	25FP22	Use	25 YP22 / BP22
19GLP22	Use	19GWP22/EYP22	22LP22	Use	221P22	25GP22	Use	25XP22/AP22A
19GXP22	Use	19GVP22/FXP22	220222	Use	221P22	25RP22	Use	
19GYP22	Use	19GVP22/EXP22	100	-		25SP22	Use	
19GZP22	Use	19GWP22/EYP22	22SP22	Use	22 JP22	25VP22	Use	
19HBP22	Use	19GWP22/EYP22	22YP22	Use	22JP22	25WP22	Use	25XP22/AP22A
19FKP22	Use	2151922	25AFP22	Use	25XP22/AP22A	25ZP22	Use	25XP22/AP22A

#### RCA-GE-RAYTHEON

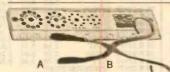
#### SPECIAL PURPOSE TUBES

#### RCA-GE-RAYTHEON

The tubes shown in this listing will be supplied from brand new factory boxed stock manufactured by RCA, GE or Raytheon. Type shown with \* is Victoreen Mfg. Quantity users please contact our

industrial Division for quotation on quantities of five or more of any type required. Many types other than shown here are available.

Stock No.	Tube Type	Net Ea.	Stock No.	Tube Type	Net Ea.	Stock No.	Tube Type	Net Ea.	Stock No.	Tube Type	Net Ea
36 R 41008	DA2	1.45	36 R 41727	6AS6	3.90	36 R 42675	5642	3.55	36 R 43723	6417	3.53
36 R 41024		1.75	36 R 41735	6AS7GA	5.25	36 R 42683	5651A	1.95	36 R 43806	6550	6.00
36 R 41032	OA4G	2.30	36 R 41743	6AU6WB	3.22	36 R 42739	5653	6.05	36 R 43863		
36 R 41040	0B2	1.50	36 R 41768	6D18/ECC61	1.90	36 R 42808	5686	4.00	36 R 43871		2,46
36 R 41065		2.35	36 R 41834	12Aô	3.73	36 R 42857	5696	2.36		6679/12AT7	
36 R 41073	OC2	1.75	36 R 41842	12AT7WB	3.03	36 R 42931	5726/6AL5W	2.20		6680/12AU7/	
36 R 41081	003	1.66	36 R 41933	83	2.31	36 R 42956	5727	3.05		6681/12AX7/	
36 R 41099	003	1.65	36 R 41990	807	5,50	36 R 43012	5751	3.00	36 R 43947		4.95
36 R 41123	1B85°	19.75	36 R 42006	811A	9.25	36 R 43046	5763	2.70	36 R 43954		
36 R 41131	1001	4.85				20 0 42004	E0144				
36 R 41172			36 R 42014	812A	7.60	36 R 43861	5814A	2,80	36 R 43988		1.70
36 R 41248		1.67	36 R 42048	816	4.75	36 R 43095	5823	1.85	36 R 44002	7056	1.02
36 R 41362		7,15	35 8 42121	8664	4.45	36 R 43194	5881	3.10	36 R 44010	7059	1.65
36 R 41396		1.50 4.65	36 R 42139	868	7.75	36 R 43269	5915	1.99	36 R 44028	7060	2.10
			36 R 42154	884	2.90	36 R 43277	5963	1.50	36 R 44036	7061	1.66
36 R 41438		4.90	36 R 42212	922	4.90	36 R 43293	5965	2.25	36 R 44093	7360	3.77
36 R 41446		2.16	36 R 42253	927	9.10	36 R 43327	6012	8.21	36 R 44101	7551	3.67
36 R 41453		2.31	36 R 42261	929	5.35	36 R 43426	6080	5.50	36 R 44127	7558	3.68
36 R 41487	3828	9.55	36 R 42279		6,55	36 R 43442	6082	5.84	36 R 44150	7587	5.50
36 8 41560	3KP1	35 70	2000			36 R 43509	6136	3.25	36 R 44200	7905	4.05
36 R 41578	3RP1	21.00	36 B 42303	934	8.60	36 R 43517		4.45	36 R 44218		
36 R 41644	58P1A	47,20	36 R 42329	955	7.05		6146B/8298A			7984	5.35
36 R 41669		2.40	36 R 42428	1614	5.84	36 R 43590		3.30	36 R 44317	8077/7054	1.54
36 R 41677	SUP1	22 40	36 R 42493	1625	6.60	36 R 43632	6211A	2.70	8298A	Use 61468/	8298A
36 R 41693	6AG7Y	3.11	36 R 42501	1629	2.86	36 R 43699	6360	4.95	36 R 44374	9005	8.05
36 R 41701	6AK6	1.40	36 R 42527	2050A	2.30	36 R 43707	6386	9.50	36 R 44382	9006	2.70



A TUBE PIN STRAIGHTENER A 6" plastic ruler combination tube pin straightener, Accommodates Novar, Nuvistor, and Compactron large 7 p.n. 9 pin and 10 pin

B TUBE AND PARTS EXTRACTOR This handy tube extractor is skillfully con-structed of spring steel, nickel plated. Has rubber cushion on the prongs. 13 R 61211 Net .98

13 R 61229

SERVICEMAN'S TUBE CADDY

· All Wood Reinforced Construction

· Easy To Carry

Light, compact caddy capable of holding up to 143 tubes. One fold-out compartment has snap fastened cover, other has built-in sep-arator Extremely convenient caddy for carrying tools, new, vinyl covering. Size 15%x 12½x8". Shpg. wt., 7¼ lbs. 12 R 18015W Net 12.95



RCA TUBE RECEIVING MANUAL

RC-28. The brand new edition of RCA's enormously popular RCA receiving tube manual. A big 672 pages long, the manual includes: A big 6/2 pages long, the manual includes: complete technical data on all current tubes. Features tube theory written for the layman, application information and a useful circuits section. Tuner, receiver, amplifier, intercom and other circuit diagrams, socket diagrams, tube dimension drawings, resistance-coupled amplifier data. Shpg. wt., 134 lbs. Net 2.06. 10 R 47018 Net 2 nn

# LAFAYETTE Receiving Tubes with the 2-YEAR GUARANTEE

Lafayette tubes are made to rigid quality standards which assure you of efficient performance and long-life. We will replace without charge any tube which due to defects in material or workmanship, fails in sales-slip or order. Some types imported.



#### ASSORTMENT PRIVILEGE: TUBES MAY BE ASSORTED FOR QUANTITY PRICE

STOCK NO.	TUBE TYPE 1-5 6-24 & UP	STOCK NO. TUBE TYPE 1-5 6-24 & UP	STOCK NO. TUBE TYPE 1-5 6-24 & UP
36 R 30001	074 2.15 1.94 1.72	36 R 30852 6CB6A/6CF6 1.80 1.62 1.44	36 R 31587 6KZ8 2.25 2.03 1.80
36 R 32460	1BC2 1.63 1.47 1.30 1B3/1G3GT 2.10 1.89 1.68	6CG7 USE 6FQ7/6CG7 6CU6 USE 6BQ6GTB/6CU6	36 R 31595 6L6GC 3.33 3.00 2.66 36 R 32684 6LE8 3.33 3.00 2.66
36 R 30027	183/113 2.10 1.89 1.68	36 R 30886 6CG8A 2.40 2.16 1.92	36 R 32692 6LM8 2.68 2.41 2.14
36 R 30035	1R5 2.95 2.66 2.36 1U4 2.30 2.07 1.84	36 R 32395 6CJ3/6DW4B/6CL3 2.05 1.85 1.64	36 R 32700 6LQ6/6JE6C 4.40 3.96 3.52 36 R 32718 6LU8 2.85 2.57 2.28
36 R 30050	1U5 2.25 2.03 1.80	36 R 30894 6CL6 2.60 2.34 2.08	36 R 32726 6MD8 2.90 2,61 2.32
36 R 30068	1V2 1.28 1.15 1.02 1X2B 2.05 1.85 1.64	36 R 30902 6CL8A 2.45 2.21 1.96 36 R 30910 6CM7 2.28 2.05 1.82	36 R 32734 6ME8 3.10 2.79 2.48 36 R 31629 6544 1.85 1.67 1.48
36 R 30076	1X2B 2.05 1.85 1.64 2AF4B 2.45 2.21 1.96	36 R 30936 6CQ8 2.53 2.28 2.02	36 R 31629 6S4A 1.85 1.67 1.48 36 R 31652 6SL7GT 2.70 2.43 2.16
36 R 32304	2AS2 1.95 1.76 1.56	36 R 30944 6CS6 2.05 1.85 1.64	36 R 31660 6SN7GTB 2.20 1.98 1.76
36 R 30092 36 R 30118	2AV2 1.73 1.56 1.38 2CY5 2.43 2.19 1.94	36 R 30951 6CS7 2.23 2.01 1.78 36 R 30969 6CU5 2.20 1.98 1.76	36 R 31678 6T8A 2.68 2.41 2.14 36 R 31702 6T10 2.95 2.66 2.36
36 R 32312	2GK5/2FQ5A 2,10 1.89 1.68	36 R 30985 6CW4/6DS4 2.95 2.66 2.36	36 R 31694 6U8A/6KD8 1.95 1.76 1.56
36 R 30126	3A3B/3AW3 2.13 1.92 1.70 3AT2 2.13 1.92 1.70	36 R 32544 6CW5/EL86 1.38 1.24 1.10 36 R 30993 6CX8 2.80 2.52 2.24	36 R 32742 6U10 2.23 2.01 1.78 36 R 31710 6V6GTA 2.45 2.21 1.96
36 R 30159	3BN6 2.75 2.48 2.20	36 R 31009 6CY5 2.68 2.41 2.14	36 R 31728 6W4GTA 1.65 1.49 1.32
36 R 30167 36 R 30175	3BZ6 2.05 1.85 1.64 3CB6/3CF6 1.48 1.33 1.18	36 R 31025 6CZ5 2,60 2,34 2,08 36 R 31041 6DE4 2,08 1,87 1,66	36 R 31744 6X4 1.88 1.69 1.50 36 R 31751 6X5GT 1.98 1.78 1.58
36 R 30183	3CY5 1.95 1.76 1.56	36 R 31058 6DE6 1.88 1.69 1.50	36 R 31769 6X8A 2.23 2.01 1.78
36 R 32320 36 R 30209		36 R 31066 6DE7 2.78 2.50 2.22 36 R 31074 6DK6 1.78 1.60 1.42	36 R 32759 6Z10/6J10 3.33 3.00 2.66 36 R 31777 7AU7 1.55 1.40 1.24
36 R 32336	3HQ5 3.13 2.82 2.50	36 R 31082 6DQ5 4.20 3.78 3.36	36 R31785 8AW8A 2.93 2.64 2.34
36 R 30217 36 R 30233	3V4 2.23 2.01 1.78 4BZ6 2.05 1.85 1.64	36 R 31090 6DQ6B/6GW6 2.93 2.64 2.34 36 R 31108 6DR7 2.93 2.64 2.34	36 R 32767 8B10 2.43 2.19 1.94 36 R 31793 8F07/8CG7 1.63 1.47 1.30
36 R 32346	4CB6 1.55 1.40 1.24	6DS4 USE 6CW4/6DS4	36 R 32437 8LT8 2.33 2.10 1.86
36 R 32353	4DT6A 2.15 1.94 1.72 4EJ7/LF184 2.13 1.92 1.70	36 R 31116 6DT6A 1.78 1.60 1.42 6DW4B USE 6CJ3/6DW4B/6CL3	36 R 31801 10DE7 2.70 2.43 2.16
36 R 30258	5AQ5 2.05 1.85 1.64	36 R 31132 6DZ4/6AF4A 2.45 2.21 1.96	36 R 32783 10GK6 2.25 2.03 1.80 36 R 32445 10GN8 2.75 2.48 2.20
36 R 32478	5AR4/GZ34 2.13 1.92 1.70 5CG8 2.28 2.05 1.82	6EA7 USE 6EM7/6EA7 36 R 31157 6EA8 2.15 1.94 1.72	36 R 31819 12AD6/12GA6 2.03 1.83 1.62
36 R 30290	5CL8A 2.98 2.68 2.38	36 R 31157 6EA8 2.15 1.94 1.72 36 R 31165 6EB8 2.83 2.55 2.26	36 R 31827 12AT6 1.63 1.47 1.30 36 R 31835 12AT7/ECC81 1.78 1.60 1.42
36 R 32379	5KE8 3.53 3.18 2.82	36 R 31173 6EH7/EF183 1.93 1.74 1.54	36 R 31843 12AU6 1.93 1.74 1.54
36 R 32494 36 R 30316	5U8 2.63 2.37 2.10 5U4GB 1.73 1.56 1.38	36 R 31181 6EJ7/EF184 1.78 1.60 1.42 6EL4A USE 6BK4C/6EL4A	36 R 31850 12AU7A/ECC82 1.55 1.40 1.24
36 R 30324	5U8 2.78 2.50 2.22	36 R 31199 6EM5 2.45 2.21 1.96	36 R 31876 12AV6 1.35 1.22 1.08
36 R 30332 36 R 30340	5Y3GT 1.70 1.53 1.36 6AB4 2.00 1.80 1.60	36 R 31207 6EM7/6EA7 3.05 2.75 2.44 36 R 32551 6EU7 2.20 1.98 1.76	36 R 31884 12AV7 2.68 2.41 2.14 36 R 31892 12AX4GTB 1.85 1.67 1.48
36 R 30357	6AF3/6BR3 2.03 1.83 1.62	36 R 31223 6EV5 2.13 1.92 1.70	36 R 31900 12AX7A/ECC83
36 R 30381	6AF4A USE 6DZ4/6AF4A 6AH4GT 1.63 1.47 1.30	36 R 31231 6EW6 1.93 1.74 1.54 36 R 31249 6FG7 2.53 2.28 2.02	36 R 31918 12AZ7A 1.53 1.38 1.22 2.23 2.01 1.78
36 R 30399	6AH6 2.90 2.61 2.32 6AK5/EF95 2.38 2.14 1.90	36 R 31264 6FM7 2.78 2.50 2.22	36 R 31926 12B4A 2.30 2.07 1.84
36 R 30415	6AL5 1.48 1.33 1.18	6FQ5A USE 6GK5/6FQ5A 36 R 31280 6FQ7/6CG7 1.63 1.47 1.30	36 R 31934 12BA6 1.55 1.40 1.24 36 R 31942 12BE6 1.70 1.53 1.36
36 R 30423	6AM8A 2.53 2.28 2.02 6AN8A 2.75 2.48 2.20	36 R 31298 6GE5 3 15 2 84 2 52	36 R 31 959 12BH7A 2.15 1.94 1.72
36 R 30449	6AQ5A/6HG5 1.85 1.97 1.48	36 R 31306 6GF7A 2.83 2.55 2.26	36 R 31975 12BY7A/12BV7 2.08 1.87 1.66
36 R 30456	6AS5 2.23 2.01 1.78 6AU4GTA 2.60 2.34 2.08	36 R 31314 6GH8A 1.68 1.51 1.34	36 R 31983 12C5/12CU5 2.38 2.14 1.50
36 R 30506		36 R 31322 6GK5/6FQ5A 2.53 2.28 2.02	36 R 32007 12DQ6B 2.68 2.41 2.14 12GA6 USE 12AD6/12GA6
36 R 30514	6AU8A 3.15 2.84 2.52	36 R 31330 6GM6 2.13 1.92 1.70	36 R 32015 12GN7A 2.95 2.66 2.36
36 R 30530 36 R 30548	6AV6 1.48 1.33 1.18 6AW8A 2.45 2.21 1.96	36 R 32577 6GN8 2.83 2.55 2.26 36 R 31348 6GU7 2.23 2.01 1.78	36 R 32809 12HL7 2.68 2.41 2.14 36 R 32817 13DR7 2.85 2.57 2.28
36 R 30563	6AX4GTB 2.10 1.89 1.68 6AY3B/6BS3A 2.10 1.89 1.68	36 R 32585 6GV5 2.45 2.21 1.96	36 R 32825 13EM7/15EA7 3.23 2.91 2.58
36 R 30571 36 R 32387	6AY3B/6BS3A 2.10 1.89 1.68 6B10 2.65 2.39 2.12	36 R 31355 6GW8/ECL86 1.53 1.38 1.22	15EA7 USE 13EM7/15EA7
36 R 30589		36 R 32593 6GX7 2.95 2.66 2.36	36 R 32452 15KY8A 3.48 3.13 2.78
36 R 30597		36 R 31363 6GY6/6GX6 1.75 1.58 1.40 36 R 32429 6HA5/6HM5 1.93 1.74 1.54	36 R 32072 17AX4GTA 1.85 1.67 1.48 36 R 32833 17BE3 2.10 1.89 1.68
36 R 30621	6BC8/6BZ8 2.68 2.41 2.14 6BE6 1.90 1.71 1.52	36 R 31371 6HB7 2.38 2.14 1.90	36 R 32098 17D4A 2.23 2.01 1.78
36 R 30639 36 R 30647	6BE6 1.90 1.71 1.52 6BG6GA 3.58 3.22 2.86	36 R 31389 6HE5 2.78 2.50 2.22 36 R 31397 6HF8 2.95 2.66 2.36	36 R 32106 17DQ6B/17GW6 3.03 2.73 2.42
36 R 30654		6HG5 USE 6AQ5A/6HG5	36 R 32858 17JM6A 3.33 3.03 2.66
36 R 30662 36 R 30670		6HM5 USE 6HA5/6HM5 36 R 32601 6HS5 4.30 3.87 3.44	36 R 32866 17JN6 2.95 2.66 2.36 36 R 32114 17JZ8 2.13 1.92 1.70
36 R 30688	6BK4C/6EL4A 3.93 3.54 3.14 6BK7B 2.60 2.34 2.08	36 R 31413 6HS8 2.60 2.34 2.08	36 R 32122 19AU4GTA 2.18 1.96 1.74
36 R 30696 36 R 30712	6BL8/ECF80 1.35 1.22 1.08	36 R 31447 6J6A 2.45 2.21 1.96	36 R 32130 21GY5 2.78 2.50 2.22 36 R 32148 22DE4 2.38 2.14 1.90
36 R 30720	6BM8/ELC82 1.45 1.31 1.16	36 R 31454 6JB6 3.60 3.24 2.88	36 R 32155 22JG6A 3,38 3.04 2.70
36 R 30738	6BN6/6KS6 2.70 2.43 2.16	36 R 31462 6JC6A 2.38 2.14 1.90 36 R 32619 6JD6 2.30 2.07 1.84	36 R 32163 23Z9 2.75 2.48 2.20 36 R 32171 25BQ6GTB/25CU6
36 R 30753	6BN8 2.15 1.94 1.72	6JE6C USE 6LQ6/6JE6C	2.20 1.98 1.76
36 R 30761	6BQ6GTB/6CU6	36 R 31504 6JM6A 3,15 2.84 2.52	36 R 32205 25L6GT 2.60 2.34 2.08
2C D 20707	3.03 2.73 2.42	36 R 31512 6JN6 2.93 2.64 2.34	36 R 32213 33GY7A 3.48 3.13 2.78
36 R 30787	6BR3 USE 6AF3/6BR3	36 R 31546 6JU8A 2.38 2.14 1.90	36 R 32221 35C5 1,93 1,74 1,54 36 R 32239 35L6GT 2,45 2,21 1,96
36 R 30795	6BR8A/6FV8A 2.60 2.34 2.08	36 R 32627 6JZ8 2.23 2.01 1.78	36 R 32247 35W4 1.13 1.02 .90
36 R 30811	6B53A USE 6AY3A/6B53A 6BU8 2.78 2.50 2.22	36 R 31561 6KA8 2.68 2.41 2.14	36.R 32254 35Z5GT 1.70 1.53 1.36 36.R 32262 38HE7 4.00 3.60 3.20
36 R 30829	6BZ6 1.70 1.53 1.36 USE 6BQ7A/6BZ7	6KD8 USE 6U8A/6KD8 6KS6 USE 6BN6/6KS6	36 R 32270 50C5 1.75 1.58 1.40 36 R 32288 50EH5 1.95 1.76 1.56
	6BZ7 USE 6BC8/6BZ8	36 R 32650 6KT8 2.95 2.66 2.36	36 R 32296 50L6GT 2.83 2.55 2.26
36 R 30845	6C4 2.08 1.87 1.66	36 R 32668 6KY8A 4.08 3.67 3.26	36 R 32882 7025 1.55 1.40 1.24
0.40			

# RCA — GE — Raytheon Receiving Tubes

#### 12 MONTH GUARANTEE

All receiving tubes are guaranteed for 12 months from date of purchase. Ne will replace any tube that does not give efficient performance for a full 12 month's period. This of course does not apply to burned out or broken tubes.

BRANDS: NCA —GE—RAYTHEON. We will supply one of these famous national brands depending on our stock availability. Some types imported.



#### ASSORTMENT PRIVILEGE: TUBES MAY BE ASSORTED FOR QUANTITY PRICE

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	25 &	25 &	Stock No. Tube Type 1-5 6-24 Up
Stock No. Tube Type	1-5 6-24 Up	Stock No. Tube Type 1-5 6-24 Up	
36 R 10003 0Z4/0Z4A	2.32 2.15 1.94	36 R 10672 3BY6 1.62 1.50 1.35	36 R 11282 5AM8 3.05 2.83 2.55 36 R 11290 5AN8 3.13 2.90 2.61
36 R 10029 1A3	3.59 3.33 3.00 2.16 2.00 1.80	36 R 10680 3BZ6 2.21 2.05 1.85 36 R 10698 3CA3 2.35 2.18 1.96	36 R 11300 5AQ5 2.21 2.05 1.85
36 R 10037 1A5GT 36 R 10045 1A7GT	2.92 2.70 2.43	36 R 10698 3CA3 2.35 2.18 1.96 36 R 10706 3CB6/3CF6 1.59 1.48 1.33	36 R 11316 5AR4/GZ34 2.30 2.13 1.92
36 R 10052 1AD2A/	2.52 2.70 2.70	3CE5 USE 3BC5/3CE5	5AS4A USE 5U4GB/5AS4A
1BY2A	2.30 2.13 1.92	3CF6 USE 3CB6/3CF6	36 R 11324 5AS8 2.38 2.20 1.98
36 R 10060 1AY2A	2.19 2.03 1.83	36 R 10714 3CN3B 2.48 2.30 2.07	36 R 11332 5ATB 2.59 2.40 2.16
	1G3GT/193G7	36 R 10722 3CS6 2.54 2.35 2.12 36 R 19988 3CU3A 3.13 2.90 2.61	5AU4 USE 5V3A/5AU4 36 R 11357 5AV8 2.19 2.03 1.83
36 R 10078 1BC2 36 R 19749 1BG2	2.13 1.98 1.78 1,51 1.40 1.26	3CX3 USE 3DA3/3CX3	36 R 11365 5AZ4 2.86 2.65 2.39
18X2 USE 1	X2C/1BX2	3CY3 USE 3DB3/3CY3	36 R 11373 5B8 3.00 2.75 2.48
36 R 10086 1BH2	2.11 1.95 1.76	36 R 10730 3CY5 2.35 2.18 1.96	36 R 11381 5BC3A 2.16 2.00 1.80
1BY2A USE 1	AD2/1BY2A	36 R 20408 3CZ3 2.81 2.60 2.34	36 R 11399 5BE8 1.67 1.55 1.40 36 R 11407 5BK7A 2.24 2.08 1.87
36 R 21000 1DG3	2.43 2.25 2.03	36 R 20416 3DA3/3CX3 2.27 2.10 1.89 36 R 20101 3DB3/3CY3 2.57 2.38 2.14	36 R 11407 5BK7A 2.24 2.08 1.87 5BQ7A USE 5BZ7/5BQ7A
36 R 20515 1DK1 36 R 20523 1DK27	1.73 1.60 1.44 2.19 2.03 1.83	36 R 20101 3DB3/3CY3 2.57 2.38 2.14 36 R 20424 3DC3 3.16 2.93 2.64	36 R 11423 58R8/5FV8 3.05 2.83 2.55
36 R 20531 1DK29	1.51 1.40 1.26	36 R 20549 3DF3 2.51 2.33 2.10	36 R 11431 58T8 1.67 1.55 1.40
36 R 10094 1DN5	2.38 2.20 1.98	36 R 10748 3DG4 3.43 3.18 2.86	36 R 11449 5BW8 2.43 2.25 2.03
36 R 10102 1G3GT/	1100 125 27	36 R 21372 3DH3 2.30 2:13 1.92	36 R 20119 58Z7/58Q7A 2.72 2.53 2.28 36 R 11456 5CG8 2.46 2.28 2.05
1B3GT 36 R 10110 1H2	2.27 2.10 1.89 2.13 1.98 1.78	36 R 50025 3DHH13 3.86 3.58 3.22 36 R 21018 3DJ3 2.48 2.30 2.07	36 R 11456 5CG8 2.46 2.28 2.05 36 R 11464 5CL8A 3.21 2.98 2.68
36 R 10110 1H2 36 R 10136 1K3/1J3	2.27 2.19 1.89	36 R 10755 3DK6 1.92 1.78 1.60	36 R 11472 5CM8 1.78 1.60 1.42
36 R 10151 1L6	6,78 6,28 5.65	36 R 10763 3DT6A 2.00 1.85 1.67	36 P 11480 5CO8 2 21 2 05 1 85
36 R 10169 1LH4	4.10 3.80 3.42	3DZ4 USE 3AF48/3DZ4	36 R 11498 5CZ5 2.40 2.23 2.01
36 R 10177 1N2A	2.38 2.20 1.98	36 R 10789 3EH7/XF183 1.38 1.28 1.15	36 R 11506 5DH8 3.00 2.75 2.48 5DK8 USE 6U8A/6AX8
36 R 10185 1N5GT 36 R 10193 1R5	2.65 ·2.45 2.21 3.19 2.95 2.66	36 R 10797 3EJ7/XF184 1.38 1.28 1.15 36 R 10805 3ER5 2.81 2.60 2.34	SUNG USE GUBA/GAAG
	1S2A/DY87	36 R 10813 3FH5 1,76 1.63 1,47	36 R 11514 5DJ4 1.92 1.78 1.60
36 R 10201 IS2A/DY87	1.38 1.28 1.15	36 R 10821 3FS5 2.57 2.38 2.14	36 R 11522 5EA8 3.05 2.83 2.55
36 R 10219 1S4	2.21 2.05 1.85	36 R 10839 3GK5 2.27 2.10 1.89	36 R 11530 5ES8/YCC189 3.00 2.75 2.48
36 R 10227 1S5	1.84 1.70 1.53	3GS8 USE 3BU8/3GS8 36 R 10847 3HM5/3HA5 2 08 1 93 1.74	36 R 11548 5EU8 2.83 2.63 2.37 36 R 11555 5EW6 2.16 2.00 1.80
36 R 10235 1T4 36 R 10243 1U4	2.40 2.23 2.01 2.48 2.30 2.07	36 R 10847 3HM5/3HA5 2.08 1.93 1.74 36 R 10854 3HQ5 3.38 3.13 2.82	36 R 11563 5FG7 2.48 2.30 2.07
36 R 10250 1U5	2.43 2.25 2.01	36 R 21026 3HS8 2.32 2.15 1.94	5FV8 USE 5BR8/5FV8
36 R 10268 1V2	1.38 1.28 1.15	36 R 10862 3JC6A 3.19 2.95 2.66	36 R 11589 5GH8A 2.72 2.53 2.28
36 R 10276 1X2C/1BX2	2.21 2.05 1.85	36 R 10870 3KT6 2.24 2.08 1.87	36 R 11597 5GJ7 1.59 1.48 1.33 36 R 11605 5GM6 2.00 1.85 1.67
36 R 10284 2A3 36 R 10292 2AF4B/2DZ4	5.81 5.38 4.83 2.65 2.45 2.21	36 R 50033 3MP26 2.32 2.15 1.94 36 R 10896 3Q4 1.81 1.68 1.51	36 R 20564 5GS7 1.97 1.83 1.65
2AH2 USE 2		36 R 10896 3Q4 1.81 1.68 1.51 36 R 10904 3Q5GT 3.16 2.93 2.64	5GX6 USE 5HZ6
	BU2/2AS2A	36 R 10912 3S4 1.84 1.70 1.53	36 R 11621 5GX7 3.19 2.95 2.66
36 R 10326 2AV2	1 86 1.73 1.56	36 R 10920 3V4 2.40 2.23 2.01	36 R 11639 5HA7 2.30 2.13 1.92
36 R 10334 2BJ2 36 R 10359 2BN4A	2.48 2.30 2.07 2.32 2.15 1.94	36 K 10938 4AU6 2.08 1.93 1.74	38 R 11647 5HB7 1.84 1.70 1.53 36 R 11654 5HG8/LCF86 2.00 1.85 1.67
36 R 20069 2BU2/	2.32 2.15 1.94	36 R 10946 4AV6 1.59 1.48 1.33	36 R 11662 5HZ6/5GX6 2.00 1.85 1.67
2AS2/2AH2	2 54 2.35 2.12	4BC5 USE 4CE5/4BC5 36 R 10953 4BC8 2.65 2.45 2.21	36 R 11670 5J6 2.00 1.85 1.67
36 R 10342 2CN3A/B	2.57 2.38 2.14	36 R 10961 4BL8/XCF80 1.30 1.20 1.08	36 R 11688 5JK6 2,27 2,10 1.89
36 R 10367 2CW4	3.16 2.93 2.64	36 R 10979 4BN6 2.19 2.03 1.83	36 R 11696 5JL6 2.27 2.10 1.89
36 R 10375 2CY5 36 R 10383 2DS4	2,89 2.68 2.41 3,16 2.93 2.64	36 R 10987 4807A/48Z7 2.65 2.45 2.21	5KD8 USE 6U8A/6KD8 36 R 11704 5KE8 3.81 3.53 3.18
36 R 10393 2034	4.00 3.70 3.33	36 R 10995 4BS8 2.30 2.13 1.92 36 R 11001 4BU8/4GS8 2.62 2.43 2.19	36 R 11712 5KZ8 2.30 2.13 1.92
	AF4 B/2DZ4	36 R 11019 4BZ6 2.21 2.05 1.85	36 R 11712 5KZ8 2.30 2.13 1.92 36 R 11720 5LJ8 2.83 2.63 2.37
36 R 10409 2EG4	3.67 3.40 3.06	4BZ7 USE 4BQ7A/4BZ7	36 R 20127 5MB8 1.97 1.83 1.65
36 R 10417 2EN5 36 R 10425 2ER5	1.73 1.60 1.44	36 R 11027 4CB6 1.67 1.55 1.40	5MHH3 USE 5J6
36 R 10433 2FH5	2.00 1.85 1.67	36 R 11035 4CE5/4BC5 1.53 1.38 1.22 36 R 11043 4CS6 2.08 1.93 1.74	36 R 50108 5RK16 2.81 2.60 2.34 36 R 11738 5T8 2.40 2.23 2.01
2FQ5A USE	2GK5/2FQ5A	36 R 11050 4CY5 1.35 1.22 1.08	36 R 11746 5U4GB/
36 R 10441 2FS5	2.86 2.65 2.39	36 R 11068 4DE6 1.59 1.48 1.33	5AS4A 1.86 1.73 1.56
36 R 10458 2GK5/2FQ5A 36 R 10466 2GU5	2.27 2.10 1.89	36 R 11076 4DK6 2.16 2.00 1.80	36 R 11753 5U8 3.00 2.78 2.50
36 R 10466 2GU5 36 R 10474 2HA5	2.43 2.25 2.03 2.08 1.93 1.74	36 R 11084 4DT6A 2.32 2.15 1.94 36 R 11092 4FH7/LF183 2.30 2.13 1.92	36 R 11761 5U9/LCF201 1.59 1.48 1.33 36 R 11779 5V3/5AU4 2.38 2.20 1.98
36 R 10482 2HK5	2.08 1.93 1.74	36 R 11092 4F47/LF183 2.30 2.13 1.92 36 R 11100 4EJ7/LF184 2.30 2.13 1.92	36 R 11787 5V4GA 2.70 2.55 2.30
36 R 10490 2HQ5	2.08 1.93 1.74	36 R 11118 4ES8 3.00 2.78 2.50	36 R 11795 5V6GT 2.00 1.85 1.67
36 R 10508 3A2 36 R 10516 3A3C/	3.00 2.75 2.48	36 R 11126 4EW6 2.65 2.45 2.21	36 R 11811 5X8 2.24 2.08 1.87
36 R 10516 3A3C/ 3AW3/3B2	2.30 2.13 1.92	36 R 21380 4GJ7 2.08 1.93 1.74	36 R 11829 5Y3GT 1.84 1.70 1.53 36 R 11837 5Y4GA 1.32 1.23 1.11
36 R 10524 3AF4B/3DZ4	2.57 2.38 2.14	36 R 11134 4GK5 2.11 1.95 1.76 36 R 11142 4GM6 1.19 1.10 .99	36 R 11837 5Y4GA 1.32 1.23 1.11 36 R 11845 5Y4GT 1.84 1.70 1.53
36 R 10532 3AL5	1.73 1.60 1.44	4GS8 USE 4BU8/4GS8	36 R 11852 5Z3 2.40 2.23 2.01
36 R 10540 3AT2B	2.30 2.13 1.92	36 R 11159 4GX7 3.19 2.95 2.66	524 USE <b>5Y3GT</b>
36 R 10557 3AU6 36 R 10565 3AV6	1.84 1.70 1.53 1.59 1.48 1.33	36 R 11175 4HA5/PC900 1.27 1.18 1.06	36 R 11860 6A7 4.32 4.00 3.60
36 R 10573 3AW2A	2.40 2.23 2.01	36 R 11.183 4HA7/4HC7 2.30 2.13 1.92 4HC7 USE 4HA7/4HC7	36 R 11878: 6A8 3.83 3.55 3.20 36 R 11886 6AB4 2.16 2.00 1.80
3VM3 HCE	AACIDAW2	36 R 11191 4HM6 2,16 2.00 1.80	36 R 11902 6AC7 3.97 3.68 3.31
382 USE 3A 36 R 10581 3BA6	3C/3AW3	36 R 11209 4HQ5 2.88 2.60 2.34	36 R 11910 6AC10 3.13 2.90 2.61
36 R 10581 3BA6 36 R 10599 3BC5/3CE5	1.27 1.18 1.06 1.84 1.70 1.53	36 R 11217 4HS8 2.70 2.50 2.25	36 R 11928 6AD10 4.78 4.43 3.99
36 R 10607 3BE6	1.46 1.35 1.22	36 R 11233 4JC6A 3.00 2.75 2.48 36 R 11241 4JD6 2.72 2.53 2.28	36 R 11936 6AF3 2.19 2.03 1.83 6AF4 USE 6DZ4/6AF4A
36 R 10615 3BL2A	2.43 2.25 2.03	36 R 11258 4JH6 2.16 2.00 1.80	36 R 11951 6AF6G 4.08 3.78 3.40
36 R 20077 3BM2	2.40 2.23 2.01	36 R 11266 4KF8 3.81 3.53 3 18	36 R 11969 6AF9 1.92 1.78 1.60
36 R 10623 3BN2	2.16 2,00 1,80	36 R 20556 4KN8/4RHH8 4.00 3.70 3.33	36 R 11977 6AF11 3.13 2.90 2.61
36 R 10631 3BN4A 36 R 10649 3BN6	1.84 1.70 1.53 3.00 2.75 2.48	36 R 20432 4KT6 2.81 2.60 2.34	36 R 11985 6AG5 2.32 2.15 1.94
3BS2A USE	3BW2/3BS2A	36 R 11274 4LJ8 3.16 2.93 2.64 36 R 21034 4LU6 1.84 1.70 1.53	36 R 11993 6AG7 4.16 3.85 3.47
3BT2 USE 3	BW2/3RS2A	4RHH2 USE 4BG7A	36 R 12009 6AG9 3.54 3.28 2.96 36 R 12017 6AG11 3.24 3.00 2.70
36 R 10664 3BU8/3GS8 36 R 20085 3BW2/3BS2	2.81 2.60 2.34	4RHH8 USE 4KNB/4RHH8	36 R 12025 6AH4GT 1.76 1.63 1.47
36 R 20085 3BW2/3BS2 3BT2	265 245 204	36 R 50041 4MP12 2.32 2.15 1.94	36 R 12033 6AH6 3.13 2.90 2.61
3012	2.65 2.45 2.21	36 R 50058 4MP26 2.32 2.15 1.94	36 R 12041 6AH9 2.57 2.38 2.14
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Stock No. Tube Type 1-5 6-24 Up	Stock No. Tube Type 1-5 6-24 Up	Stock No. Tube Type 1-5 6-24 Up
36 R 12058 6AK5/EF95 2.57 2.38 2.14	36 R 12918 6BY5GA 2.59 2.40 2.16	36 R 13700 6EJ4A 5.05 4.68 4.21
36 R 19764 6AK6 1.65 1.53 1.38	36 R 12926 6BY6 2.38 2.20 1.98	30 R 13700 6EJ4A 5.03 4.88 4.21
36 R 20135 6AK8/	30 R 12320 0D10 2.30 2.20 1.30	36 R 13718 6EJ7/EF184 1.92 1.78 1.60
	36 R 12934 6BY8 1.46 1.35 1.22	6EL4 USE 6BK4C/6EL4 36 R 13726 6EM5 2.65 2.45 2.21
EABC80 1.78 1.65 1.49	36 R 21364 6BY11 2.70 2.50 2.25	36 R 13726 6EM5 2.65 2.45 2.21
36 R 20440 6AK10 3.00 2.78 2.50	6BZ3 USE 6BE3/6BZ3	36 K 13734 6EM7/6EA7 3.29 3.05 2.75
36 R 12066 6AL3/EY88 1.40 1.30 1.17	36 R 12959 6BZ6 1.84 1.70 1.53	36 R 21513 6EN4 4.56 4.23 3.81
36 R 12074 6AL5 1.59 1.48 1.33	6BZ7 USE 6BQ7A/6BZ7	36 R 13742 6EQ7 1.59 1.48 1.33
36 R 12082 6AL7GT 3.75 3.45 3.13	6BZ8 USE 6BC8/6BZ8	36 R 13759 6ER5 2.51 2.33 2.10
36 R 12090 6AL11 3.59 3.33 3.00	36 R 12975 6C4 2.24 2.08 1.87	36 R 13767 6ES5 1.54 1.43 1.29
36 R 12108 6AM4 3.89 3.60 3.24	36 R 12983 6C5 3.19 2.95 2.66	36 R 13775 6ES8/
36 R 12116 6AM8A 2.72 2.53 2.28	36 R 12991 6C6 4.24 3.93 3.54	ECC189 2.94 2.73 2.46
36 R 12124 6AN4 3.32 3.08 2.77	36 R 12991 6C6 4.24 3.93 3.54 36 R 13007 6C9 2.97 2.75 2.48	
36 R 12132 6AN8A 3.00 2.75 2.48	36 R 13015 6C10 2.40 2.23 2.01	
36 R 12140 6AQ5A/6HG5 2.00 1.85 1.67		36 R 13791 6EU7 2.38 2.20 1.98
		36 R 13809 6EU8 2.38 2.20 1.98
36 R 12157 6AQ6 2.08 1.93 1.74	36 R 13031 6CA5 1.62 1.50 1.35	36 R 13817 6EV5 2.30 2.13 1.92
36 R 12165 6AQ7GT 2.54 2.35 2.12	36 R 13049 6CA7/EL34 3.19 2.95 2.66	36 R 13825 6EV7 1.76 1.63 1.47
36 R 12173 6AQ8/ECC851.62 1.50 1.35	36 R 13056 6CB5A 5.35 4.95 4.46	36 R 13833 6EW6 2.08 1.93 1.74
36 R 12181 6AR5 2.35 2.18 1.96	36 R 13064 6CB6A/6CF6 1.94 1.80 1.62	36 R 13841 6EW7 3.51 3.25 2.93
36 R 12199 6AR8 3.19 2.95 2.66	6CD3 USE 6CG3	36 R 13866 6EY6 2.70 2.50 2.25
36 R 12207 6AR11 3.02 2.80 2.52	36 R 13072 6CD6GA 4.10 3.80 3.42	36 R 13874 6EZ5 3.13 2.90 2.61
36 R 12215 6AS5 2.40 2.23 2.01	6CE3 USE 6CG3/6CE3	36 R 13882 6EZ8 1.92 1.78 1.60
36 R 12223 6AS8 2.89 2.68 2.41	SCES LISE SBCS/SCES	36 R 13890 6F5 3.51 3.25 2.93
36 R 12231 6AS11 3,27 3.03 2.73	6CE5 USE 6BC5/6CE5 6CF6 USE 6CB6A/6CF6	36 R 13908 6F6/6F6GT 3.62 3.35 3.02
36 R 12249 6AT6 1.30 1.20 1.08	36 R 13080 6CG3/6CE3/6CD3/	
36 R 12256 6AT8A 3.05 2.83 2.55	6BW3 2,32 2,15 1,94	6F6GT USE 6F6
36 R 12264 6AU4GTA 2.81 2.60 2.34	6CG7 USE 6FQ7/6CG7	2C D 42004 CEDG 4 5C 4 60 0 04
36 R 12272 6AU5GT 3.13 2,90 2.61	3C D 43000 CCC04 3 ED 3 40 3 40	36 R 13924 6F8G 4.56 4.23 3.81
36 R 12280 6AU6A 1.76 1.63 1.47	36 R 13098 6CG8A 2.59 2.40 2.16	36 R 13932 6FA7 1.59 1.48 1.33
36 R 12298 6AU8A 3.40 3.15 2.84	6CH3 USE 6CJ3/6DW4B	36 R 13940 6FD6 1.92 1.78 1.60
	36 R 13106 6CH8 3.05 2.83 2.55	36 R 13957 6FD7 3.35 3.10 2.79
36 R 12306 6AV5GA 3.51 3.25 2.93	36 R 13114 6CJ3/6DW48 2.21 2.05 1.85	36 R 13965 6FE5 1.84 1.70 1.53
36 R 12314 6AV6 1.59 1.48 1.33	36 R 13122 6CK3 2.21 2.05 1.85	36 R 13973 6FG5 2.72 2.53 2.28
36 R 12322 6AV11 2.67 2.48 2.23	36 R 13130 6CK4 1.92 1.78 1.60	36 R 13981 6FG6/EM84 1.81 1.68 1.51
36 R 12330 6AW8A 2.65 2.45 2.21	36 R 21398 6CL3 2.21 2.05 1.85	36 R 13999 6FG7 2.72 2.53 2.28
36 R 12348 6AX3 2.03 1.88 1.69	36 R 13155 6CL6 2.81 2.60 2.34	36 R 14005 6FH5 2.70 2.50 2.25
36 R 12355 6AX4GTB 2.27 2.10 1.89	36 R 13163 6CL8A 2.65 2.45 2.21	36 R 14013 6FH8 2.38 2.20 1.98
36 R 12363 6AX5GT 2.35 2.18 1.96	36 R 19780 6CM3 2.83 2.63 2.37	36 R 14021 6EJ7 2.65 2.45 2.21
6AX8 USE 6U8A/6AX8	36 R 13171 6CM6 2.54 2.35 2.12	
36 R 12389 6AY3B/	30 R 131/1 OCIVIO 2.34 2.33 2.12	36 R 14039 6FM7 3.u0 2.78 2.50
6BS3A 2.27 2.10 1.89	36 R 13189 6CM7 2.46 2.28 2.05	36 R 14047 6FM8 2.24 2.08 1.87
	36 R 13197 6CM8 2.19 2.03 1.83	6FQ5A USE 6GK5/6FQ5A
	36 R 13205 6CN7 2.92 2.70 2.43	36 R 14054 6FQ7/6CG7 1.76 1.63 1.47
36 R 12405 6AZ8 3.24 3.00 2.70	6CQ4 USE 6DE4/6CQ4	36 R 14062 6FS5 2.46 2.28 2.05
36 R 12413 6B8 3.70 3.43 3.09	36 R 13221 6CQ8 2.72 2.53 2.28	36 R 14070 6FV6 2.89 2.68 2.41
36 R 12421 6B10 2.86 2.65 2.39	36 R 13239 6CR6 1.59 1.48 1.33	6FV8A USE 6BR8A/6FV8A
36 R 12439 6BA3 1.65 1.53 1.38	36 R 13247 6CS6 2.21 2.05 1.85	36 R 14088 6FW5 2.92 2.70 2.48
36 R 12447 6BA6/EF93 2.03 1.88 1.69	36 R 13254 6CS7 2.40 2.23 2.01	36 R 14096 6FY5/EC97 1.49 1.38 1.24
36 R 12454 6BA7 3.19 2.95 2.66	36 R 13262 6CU5 2.38 2.20 1.98	36 R 14104 6FY7 1.89 1.75 1.58
36 R 12462 6BABA 2.81 2.60 2.34	6CU6 USE 6BQ6GTB	36 R 14120 6G11 3.40 3.15 2.84
36 R 12470 6BA11 3.02 2.80 2.52	36 R 13270 6CU8 3.02 2.80 2.52	36 R 50124 6GB3A 2.65 2.45 2.21
36 R 12488 6BC4 3.19 2.95 2.66	36 R 13288 6CW4 3.19 2.95 2.66	36 R 14138 6G85/EL500 2.05 1.90 1.71
36 R 12496 6BC5/6CE5 2.03 1.88 1.69	36 R 13296 6CW5/EL86 1.49 1.38 1.24	36 R 50132 6GB6 2.48 2.30 2.07
36 R 12504 6BC7 1.94 1.80 1.62	36 R 13304 6CX8 3.02 2.80 2.52	
36 R 19772 6BC8/6BZ8 2.89 2.68 2.41		6GB7 USE 6GW6/6DQ6B
36 R 12520 6BD6 1.27 1.18 1.06	36 R 13312 6CY5 2.89 2.68 2.41	36 R 14146 6GC5 3.05 2.83 2.55
36 R 12538 6BD11 3.32 3.08 2.77	36 R 13320 6CY7 1.65 1.53 1.38 36 R 13338 6CZ5 2.81 2.60 2.34	36 R 14153 6GE5 3.40 3.15 2.84
	36 R 13338 6CZ5 2.81 2.60 2.34	36 R 14161 6GF5 2.40 2.23 2.01
	36 R 13346 6D10 3.00 2.78 2.50	36 R 14179 6GF7A 3.05 2.83 2.55
36 R 12553 6BE6 2.05 1.90 1.71	36 R 13353 6DA4A/	36 R 14187 6GH8A 1.81 1.68 1.51
36 R 12561 6BF5 1.81 1.68 1.51	6DM4A 2.27 2.10 1.89	36 R 14195 6GJ5A 3.59 3.33 3.00
36 R 12579 6BF6 1.76 1.63 1.47	36 R 13379 6DB5 2.70 2.50 2.25	36 R 14203 6GJ7/
36 R 12507 6BF11 3.11 2.88 2.59	36 R 13387 6DC6 2.38 2.20 1.98	ECF801 1.67 1.55 1.40
36 R 12595 6BG6GA 3.86 3.58 3.22	36 R 13395 6DC8/EBF89 1.65 1.53 1.38	36 R 14211 6GK5/6FQ5A 2.72 2.53 2.28
36 R 12603 6BH3A 1.51 1.40 1.26	36 R 13403 6DE4/6CQ4 2.24 2.08 1.87	36 R 14229 6GK6 2.21 2.05 1.85
36 R 12611 6BH6 2.40 2.23 2.01	36 R 13411 6DE6 2.03 1.88 1.67	36 R 50140 6GK17 2.43 2.19 1.94
36 R 12629 6BH8 3.16 2.93 2.64	36 R 13429 6DE7 3.00 2.78 2.50	36 R 14237 6GL7 3.13 2.90 2.61
36 R 12637 6BH11 3.05 2.83 2,55	6DG6GT USE 6W6GT	36 R 14245 6GM5 1.65 1.53 1.38
36 R 12645 6BJ3 1.76 1.63 1.47	36 R 50116 6DHH13 3.94 3.65 3.27	36 R 14252 6GM6 2.30 2.13 1.92
36 R 12652 6BJ6 2.40 2.23 2.01	36 R 13445 6DK6 1.92 1.78 1.60	36 R 14252 6GM6 2.30 2.13 1.92 36 R 14260 6GM8/ECC86 2.35 2.18 1.96
36 R 12660 6BJ7 1.59 1.48 1.33	36 R 21406 6DL3 2.81 2.60 2.34	
36 R 12660 6BJ7 1.59 1.48 1.33 36 R 12678 6BJ8 2.57 2.38 2.14	36 R 20382 6DL4/	36 R 14278 6GN8/6EB8 3.05 2.83 2.55 36 R 14286 6GQ7 2.03 1.88 1.67
36 R 12686 6BK4C/	ECC88 4.29 3.98 3.56	36 R 14286 6GQ7 2.03 1.88 1.67
6EL4A 4.24 3.93 3.54		36 R 20895 6GS7 2.03 1.88 1.67
36 R 12694 6BK5 1.89 1.75 1.58	36 R 13452 6DL5/EL95 1.59 1.48 1.33 6DM4A USE 6DA4A/6DM4A	36 R 14294 6GT5A 3.43 3.18 2.86
36 R 12702 6BK7B 2.81 2.60 2.34	26 P 21042 CDN2	36 R 14302 6GU5 2.65 2.45 2.21
36 R 12710 6BL7GTA 3.27 3.03 2.73	36 R 21042 6DN3 2.21 2.05 1.85	36 R 14310 6GU7 2.40 2.23 2.01
	36 R 13478 6DN6 3.78 3.50 3.15	36 R 14328 6GV5 2.65 2.45 2.21
36 R 12728 6BL8/ECF80 1.46 1.35 1.22	36 R 13486 6DN7 3.11 2.88 2.59	36 R 14336 6GV8/ECL85 2.48 2.30 2.07
36 R 12736 6BM8/ECL82 1.57 1.45 1.31	36 R 13494 6DQ5 4.54 4.20 3.78	6GW6 USE 6DQ6B/6GW6
36 R 12744 6BN4A 2.16 2.00 1.80	36 R 13502 6DQ68/6GW6 3.16 2.93 2.64	36 R 14344 6GW8/ECL86 1.65 1.53 1.38
36 R 12751 6BN6/6KS6 2.92 2.70 2.48	36 R 13510 6DR7 3.16 2.93 2.64	6GX6 USE 6GY6/6GX6
36 R 12769 6BN8 2.32 2.15 1,94	36 R 13528 6DS4 3.19 2.95 2.66	36 R 14351 6GX7 3.19 2.95 2.66
36 R 12777 6BN11 2 R9 2 GR 2 41	36 R 13536 6DS5 1.97 1.83 1.65	36 R 14351 6GX7 3.19 2.95 2.66 36 R 14369 6GY5 2.97 2.75 2.48
36 R 12785 6BQ5/EL84 2.30 2.13 1.92	36 R 13544 6DT5 1.92 1.78 1.60	36 R 14377 6GY6/6GX6 1.89 1.75 1.58
36 R 12793 6BQ6GA/	36 R 13551 6DT6A 1,92 1.78 1,60	36 R 14385 6GY8 2.78 2.58 2.32
6CU6 3.27 3.03 2.73	36 R 13569 6DT8 2.40 2.23 2.01	36 R 14393 6GZ5 1.46 1.35 1.22
36 R 12801 6BQ6GTB 3.27 3.03 2.73	36 R 13577 6DV4 3.67 3.40 3.06	36 R 14401 6H6 3.27 3.03 2.73
36 R 12819 6BQ7A/		36 R 14401 6H6 3.27 3.03 2.73
6877/6800 200 200 044	6DW4B USE 6CJ3	6HA5 USE 6HM5/6HA5
6BZ7/6BS8 2.89 2.68 2.41	36 R 13593 6DX8/ECL841.59 1.48 1.33	6HA6 USE 6HB6/6HA6
36 R 20580 6BR3/6RK19 2.46 2.28 2.05	36 R 11994 6DZ4/6AF4A 2.65 2.45 2.21	36 R 14419 6HB5 2.72 2.53 2.28
36 R 12827 6BR8A/	36 R 13601 6DZ7 5.59 5.18 4.66	36 R 14427 6HB6/6HA6 2.65 2.45 2.21
6FV8A 2.81 2.60 2.34	36 R 13619 6E5 3.46 3.20 2.88	36 R 14419 6HB5 2.72 2.53 2.28 36 R 14427 6HB6/6HA6 2.65 2.45 2.21 36 R 14435 6HB7 2.57 2.38 2.14
6BS3A USE 6AY3B/6BS3A	6EA4A USE 6EH4A	36 R 21059 6HD7 1.78 1.65 1.49
6B\$8 USE 6BQ7A/6BZ7,	6EA5 USE 6CY5 6EA7 USE 6EM7/6EA7	6HE5 USE 6JB5/6HE5
36 R 12850 6BU8 3.00 2.78 2.50	6EA7 USE 6EM7/6EA7	36 R 14450 6HF5 4.70 4.35 3.92
36 R 12868 6BV8 2.13 1.98 1.78	36 R 13635 6EA8 2.32 2.15 1.94	36 R 14468 6HF8 3.19 2.95 2.66
36 R 19996 6BV11 3.24 2.92 2.70	6EB8 USE 6GN8/6EB8	6HG5 USE 6AQ5A/6HG5
6BW3 USE 6CG3/6CE3	6EF4 USE 6EJ4A	36 R 14476 6HG8/ECF86 2.00 1.85 1.67
36 R 12876 6BW4 1,49 1.38 1.24	36 R 1366R 6FHAA 4 6A 4 30 3 87	36 R 14492 6HJ8 1.67 1.55 1.40
36 R 12884 68W8 2.81 2.60 2.34	36 R 13676 6FH5 2.24 2.08 1.87	36 R 14500 6HK5 2.11 1.95 1.76
36 R 12892 6BW11 2.97 2.75 2.48	36 R 13676 6EH5 2.24 2.08 1.87 36 R 13684 6EH7/EF183 2.08 1.93 1.74	36 R 14500 6HK5 2.11 1.95 1.76 36 R 14518 6HL8 2.00 1.85 1.67
36 R 12900 6BX7GT 3.59 3.33 3.00	36 R 13692 6EH8 1.89 1.75 1.58	36 R 14516 6HM5/6HA5 2.27 2.10 1.89
05/1/01	1.05 1.75 1.08 1	30 K 14320 ORING/ORAS 2.47 2.10 1.89

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Clark Ma Tube Tube	25-&	25	25 &
Stock No. Tube Type	1-5 6-24 Up	Stock No. Tube Type 1-5 6-24 U	Stock No. Tube Type 1-5 6-24 Up
36 R 14534 6HM6	1.59 1.48 1.33	36 R 15218 6LU8 3.08 2.85 2.5	
36 R 14542 6HQ5	3.00 2.78 2.50	36 R 21463 6LX6 5.13 4.75 4.2	20 0 45020 0000
36 R 14559 6HR5	3,00 2.78 2.50 1 38 1.28 1.15	36 R 15226 6LX8/	
36 R 14567 6HR6	2 00 1.85 1.67	LCF802 1.40 1.30 1.1	36 R 15986 8BU11 2.97 2.75 2.48
36 R 14575 6HS5	4 64 4.30 3,87		
36 R 14583 6HS6	2.00 1.85 1.67		
36 R 14591 6HS8	2.81 2.60 2.34		
36 R 20143 6HU6/EM	87 262 243 219		
36 R 20598 6HU8/ELI	L803.32 3.08 2.77		
36 R 20150 6HV5A	5.37 4.98 4.48	36 R 15267 6ME8 3.35 3.10 2.7	
36 R 21414 6HZ5/6JD	5 4 10 3 00 3 40	36 R 19806 6MF8 2.57 2.38 2.1	36 R 16034 8CX8 2.38 2.20 1 98
36 R 14609 6HZ6	1.97 1.83 1.65	36 R 20457 6MG8 1.32 1.23 1.1	8EB8 USF 8GNA/8FR8
36 R 14625 6J5		36 R 50173 6MHH3 1.45 1.31 1.1	36 R 16042 8EM5 2.21 2.05 1.85
36 R 14633 6J5GT	2.72 2.53 2.28	36 R 20218 6MJ8 2.72 2.53 2.2	36 R 16059 8ET7 2.24 2.08 1.87
36 R 14641 6J6A	2.72 2.53 2.28	36 R 19814 6MK8A 2.65 2.45 2.2	36 R 16067 8FQ7/8CG7 1.76 1.63 1.47
36 R 14658 6J7	2.65 2.45 2.21	36 R 20622 6MN8 2.86 2.65 2.3	36 R 16075 AG 17 1 75 1 62 1 47
	4.10 3.80 3.42	36 R 20226 6MQ8 2.40 2.23 2.0	36 R 16083 8GNA/8FRR 2 24 2 08 1 97
36 R 14666 6J11	6Z10/6J10	36 R 21091 6MU8 3.19 2.95 2.6	
36 R 14666 6J11 36 R 21075 6JB5/6HE	3.11 2.88 2.59	36 R 21109 6MV8 2.92 2.70 2.4	36 R 16109 BILISA 200 1 05 1 C7
36 B 14674 61064		36 R 15275 6N7 3.27 3.03 2.7	36 R 16117 RIVR 272 252 220
36 R 14674 6JB6A 36 R 14682 6JC6A	3.89 3.60 3.24	30 K 13283 BN/G1 3.19 2.95 2.6	36 R 16125 8KAR 2 89 2 68 2 41
36 R 14690 6JC8	2.57 2.38 2.14	36 R 15291 6Q7 3.19 2.95 2.6	36 R 20689 8KR8 3.35 3.10 2.79
	2.13 1.98 1.78	6Q11 USE 6K11/6Q11	36 R 16133 8LC8 3.08 2.85 2.57
36 R 14708 6JD6	6HZ5/6JD5	6RHH2 USE 6BC8/6B28	36 R 16141 8LT8 2.51 2.33 2 10
50 K 14708 63D6	2.48 2.30 2.07	6RHH8 USE 6KN3/6RHH8	36 R 16158 9A8/8A8/PCF80
36 R 14724 6JE8	E 6LQ6/6JE6C	6RK19 USE 6BR3/6RK19	1.43 1.33-1.20
36 R 14732 6JF6	2.00 1.85 1.67	36 K 5020 / 6RP15 2.51 2.33 2.10	36 R 21125 9AH9 2.72 2.53 2.28
36 R 21422 6JG5	3.92 3.63 3.27	36 R 20663 6RP22 5.37 4.98 4.40	36 R 21471 9AK10 3.00 2.78 2.50
36 R 14740 6JG6A	1.73 1.60 1.44	36 R 15309 6S4A 2.00 1.85 1.6	36 R 20697 9AQ8/PCC85 3.86 3.58 3.22
36 R 21430 6JH5	4.00 3.70 3.33	36 R 15325 6SA7 3.19 2.95 2.66	36 R 16166 9AU7 1.59 1.48 1.33
36 R 14757 6JH6	4.27 3.95 3.56	36 R 15333 6SA7GT 2.38 2.20 1.90	36 R 16174 9R 111 316 292 264
36 R 14765 6JH8	2.24 2.08 1.87	36 R 15341 6SB7Y 3.21 2.98 2.61	36 R 16182 9BR7 1.70 1.58 1.42
36 R 21448 6JK5	3.19 2.95 2.66	36 R 15358 6SC7 3.19 2.95 2.60	36 R 16190 9CL8 1.59 1.48 1.33
36 R 20168 6JK6	5.29 4,90 4.41	36 R 15366 6SF5 2,70 2.50 2.2	36 R 20259 9GH8A 2.21 2.05 1.85
36 R 14773 6JK8	2.27 2.10 1.89	36 R 15374 6SF7 3.40 3.15 2.84	36 R 16216 9CV8/YCI 95 1 84 1 70 1 52
36 R 147/3 6JK8	2.19 2.03 1.83	36 R 15382 6SG7 3.02 2.80 2.52	36 R 21133 9JW8 2 11 1 95 1 76
36 R 14799 6JN6	3.40 3.15 2.84	36 R 15390 6SH7 3.32 3.08 2.77	36 R 16224 9KC6 2.35 2 18 1 96
36 R 14807 6JN8	3.16 2.93 2.64	36 R 15408 6SJ7 3.16 2.93 2.64	36 R 16232 9KX6 - 2.24 2.08 1.87
36 R 20010 6JQ6	2.57 2.38 2.14	36 R 15424 6SK7 3.19 2.95 2.66	36 R 16240 9KZ8 1.59 1.48 1.33
36 R 20028 6JR6	2.81 2.60 2.34	36 R 15432 65K7GT 2.97 2.75 2.48	36 R 20267 91 A6 2 27 2 10 1 90
36 R 14815 6JS6C	3.43 3.18 2.86	36 R 15440 6SL7GT 2.92 2.70 2.43	36 R 50264 9MHH3 224 208 1 97
36 R 14823 6JT6A	8.24 3.93 3.54	36 R 15457 6SN7GTB 2.36 2.20 1.98	36 R 21141 9MN8 2.40 2.23 2.01
36 R 14831 6JT8	3.16 2.93 2.64 2.72 2.53 2.28	36 R 15465 6SQ7 3.21 2.98 2.66	36 R 50272 9MP12 2.32 2 15 1 94
36 R 20036 6JU6A	2.72 2.53 2.28	36 R 15481 6SR7 2.65 2.45 2.21 36 R 15499 6T4 2.78 2.58 2.32	36 N 50280 9RA6 4.13 3.83 3.45
36 R 14849 6JU8A	2.38 2.20 1.98 2.57 2.38 2.14		
36 R 14856 6JV8	2.72 2.53 2.28	36 R 15507 6T8A 2.89 2.68 2.41 36 R 15515 6T9 2.38 2.20 1.98	36 N 20713 9RHR2 2.65 2.45 2.21
36 R 14864 6JW8/	2112 2100 2120		36 R 16257 9U8A 1.67 1.55 1.40
ECF802	1.67 1.55 1.40		36 R 16265 10AL11 2.46 2.28 2.05
36 R 50165 6JY8	3.29 3.05 2.75	36 R 15531 6U5 4.00 3.70 3.33 36 R 19822 6U8A/6AX8/6KD8/5KD8	36 R 16273 10BQ5 149 1 38 1 24
36 R 14872 6JZ6	2.51 2.33 2.10	2.11 1.95 1.76	36 R 16281 10C8 3.27 3.03 2.73
36 R 14880 6JZ8	2.40 2.23 2.01	36 R 15549 6U9/ECF201 1.57 1.45 1.31	
36 R 14898 6K6GT	2.48 2.30 2.07	36 R 15556 6U10 2.40 2.23 2.01	36 R 16307 10DE7 2.92 2.70 2.43
36 R 14906 6K7	3.75 3.45 3.13	36 R 15564 6V3A 2.46 2.28 2.05	36 R 16315 10DR7 2.40 2.23 2.01
36 R 14914 6K8	4.16 3.85 3.47	36 R 15572 6V4/EZ80 .81 .75 .68	36 R 16323 10DX8 1.49 1.38 1.24
36 R 14922 6K11/6Q11	2.40 2.23 2.01	36 R 15580 6V6 4.00 3.70 3.33	36 R 16331 10EG7 2.38 2.20 1.98 36 R 16349 10EM7 2.65 2.45 2.21
36 R 14930 6KA8	2.89 2.68 2.41	36 P. 15598 6V6GTA 2.65 2.45 2.21	
36 R 14948 6KD6	5.27 4.88 4.39	36 R 15606 6W4GTA 1.78 1.65 1.49	
6KD8 USE	6U8A/6AX8	36 R 15614 6W6GT/6DG6GT	
36 R 14955 6KE8	3.62 3.35 3.02	2.48 2.30 2.07	
36 R 21455 6KG6A/	2400 JACK T 7, 700	36 R 15622 6X4 2.03 1.88 1 67	36 R 16380 10GN8 2.97 2.75 2.48 36 R 21489 10GV8 2.32 2.15 1.94
36 R 14963 6KL8	5.27 4.88 4.39	36 R 15630 6X5GT 2 13 1 99 1 70	36 R 16398 10HF8 3.19 2.95 2.66
	1.59 1.48 1.33	36 H 15648 6X8A 240 227 201	36 R 21497 10JA5 2.72 2.53 2.28
36 R 14971 6KM6 36 R 14989 6KM8	4.78 4.43 3.99	36 R 15655 6X9/ECF200 1.59 1 48 1 33	10JA8 USE 10LZ8/10JA8
36 R 20176 6KN6	1.86 1.73 1.56	36 R 15663 6Y6GA/6Y6G 2.67 2.48 2.23	36 R 16406 10JTR 2.54 2.35 2.12
36 R 20606 6KN8/	4.32 4.00 3.60	36 R 15671 6Y6GT/EFL200	36 R 16414 10JYR 2 35 2 18 1 96
6RHH8	4.00 3.70 3.33	1.92 1.78 1.60	36 R 16422 10KR8 2.54 2.35 2.12
36 R 14997 6KR8	2.30 2.13 1.92	36 R 15689 6Y9/EFL200 1.67 1.55 1.40	36 R 16430 10KUR 262 242 219
6KS6 LISE	6BN6/6KS6	36 R 15697 6Z10/6J10 3.59 3.33 3.00	36 R 16448 10LR8 2 54 2 35 2 12
36 R 15002 6KT6	2.65 2.45 2.21	36 R 15721 7A7 3.86 3.58 3.22	36 R 16455 10LE8 3.19 2.95 2.66
36 R 15010 6KT8	3.19 2.95 2.66		36 R 16463 10LW8 3.29 3.05 2.75
36 R 15028 6KU8	2.59 2.40 2.16	36 R 15747 7AU7 1.67 1.55 1.40 36 R 15754 7B5 4.51 4.18 3.76	36 P 20491 101 VP 2 11 1 0E 4 76
36 R 21083 6KV6A	3.94 3.65 3.27	36 R 15770 7C5 2.54 2.35 2.12	36 R 16471 10LZ8/10JA8 2.65 2.45 2.21
36 R 15036 6KV8	3.54 3.28 2.96	36 R 15788 7C7 1 84 1 70 1 52	36 K 21158 10110 3 16 2 92 2 64
36 R 15044 6KY8A	4.40 4.08 3.67	36 R 15796 7EY6 2 38 2 20 1 98	36 R 21166 10Z10 3.32 3.08 2.77
36 R 15051 6KZ8	2.43 2.25 2.03	36 R 15804 7F7 4.05 3.75 3.38	36 R 20275 11AF9 1.67 1.55 1.40
36 R 15069 6L6	5.51 5.10 4,59	36 R 15812 7F8 4.46 4.13 3.72	36 R 16489 11AR11 2.89 2.68 2.41
36 R 15077 6L6GC	3.59 3.33 3.00	36 R 20671 7GS7 2 54 2 35 2 12	36 R 20283 11BM8 3.16 2.93 2.64
36 R 15085 6L7	3.75 3.45 3.13	36 R 15820 7GV7 2.11 1.95 1.76	36 R 16497 11BQ11 3.16 2.93 2.64
36 R 15093 6LB6	4.78 4.43 3.99	36 R 15838 7HG8/PCF861.49 1.38 1.24	36 R 16505 11BT11 3.86 3.58 3.22 36 R 16513 11CA11 4.05 3.75 3.38
36 R 15101 6LB8	2.54 2.35 2.12	36 R 21117 7KY6 2 92 2 70 2 42	
36 P 15110 GLC6 USE	SLJ6A/6LH6A	36 R 50231 7MP18 2.86 2.65 2.39	36 R 16521 11CV7 2.59 2.40 2.16
36 R 15119 6LC8 36 R 15127 6LE8	3.08 2.85 2.57	36 R 15846 7N7 3.83 3.55 3.20	36 R 16521 11CY7 2.59 2.40 2.16 36 R 21182 11DS5 2.48 2.30 2.07
36 R 20184 6LF6	3.59 3.33 3.00	BAS USE 9AS/PCESO	36 R 16539 11FY7 2.40 2.23 2.01
36 R 15135 6LF8	4.56 4.23 3.81	36 R 20234 8AC10 2.72 2.53 2.28	36 R 16547 11HM7 3.16 2.93 2.64
EL MEY HOL	3.05 2.83 2.55	36 R 20465 8AL9 4.40 4.08 3.67	36 R 16554 11JE8 2.08 1.93 1.74
36 R 15150 6LJ6A/	6LJ6A/6LH6A	36 R 15879 8AR11 2.89 2.68 2.41	36 R 16562 11KV8 3.51 3.25 2.62
6LH6A	4.48 4.15 3.74	36 R 15887 8AU8 2.08 1.93 1.74	36 R 16570 11LQ8 3.51 3.25 2.93
36 R 15168 6LJ8	2.81 2.60 2.34	36 R 15895 8AW8A 3.16 2.93 2.64	36 R 16588 11LT8 2.30 2.13 1.92
36 R 15176 6LM8	2.89 2 68 241	36 K 30249 HHH 2 94 2 77 2 46	36 R 21505 11MS8 2.32 2.15 1 94
36 R 15184 GLN8/LCF80	1.30 1 20 1 00	36 R 15903 8B10 2.62 2.43 2.19	36 R 21190 11R3 2.65 2.45 2.21
30 K 13/30 PLOP/PLE	4.75 4.40 3.96	36 R 15911 8BA8A 1.86 1.73 1.56	36 R 16596 11Y9/ 2.00 1.85
36 R 15192 6LQ8	3.40 3.15 2.84	36 R 15929 8BA11 3.27 3.03 2.73 36 R 15937 8BH8 1.81 1.68 1.51	LFI 200 167
36 R 20390 6LR6		36 R 15937 8BH8 1.81 1.68 1.51	36 R 16604 12AB5 2.46 2.28 2.05
	4.75 4.43 3 99	36 R 15945 9RM11 2 00 0 00 0 00	
36 R 20192 6LR8	4.75 4.43 3.99	36 R 15945 8BM11 3.82 2.80 2,52	36 R 16612 12AC6 1.13 1.05 .95
36 R 20192 6LR8 36 R 15200 6LT8	4.75 4.43 3.99 2.57 2.38 2.14 2.57 2.38 2.14	36 R 15945 8BM11 3.02 2.80 2,52 36 R 15952 8BN8 2.00 1.85 1.67 36 R 20242 8BN11 2.35 2,18 1.96	36 R 16612 12AC6 1.13 1.05 .95 36 R 20721 12AC10A 2.86 2.65 2.39 36 R 16620 12AD6 2.19 2.03 1.83

25 &	25 &	25 &
Stock No. Tube Type 1-5 6-24 Up	Stock No. Tube Type 1-5 6-24 Up	Stock No. Tube Type 1-5 6-24 Up
36 R 16638 12AE6A 1.67 1.55 1.40	36 R 17446 12GC6 2.81 2.60 2.34	36 R 20051 178W3 1.73 1.60 1.44
36 R 16646 12AE10 3.27 3.03 2.73	36 R 17453 12GE5 3.19 2.95 2.66	178Z3 USE 178E3/1/8Z3
36 R 16653 12AF3/12BR3/	36 R 17461 12GJ5A 2.65 2.45 2.21	17C5 USE 17CUS/17C5
12RK19 2.30 2.13 1.92	36 R 17479 12GN7/	36 R 18212 17C9 3.86 3.58 3.22
36 R 16661 12AF6 1.70 1.58 1.42	12HG7 3.19 2.95 2.68	36 R 18220 17CK3 1.92 1.78 1.60
36 R 16687 12AL5 1.89 1.75 1.58	12HG7 3.19 2.95 2.68 36 R 17487 12GT5A 2.89 2.68 2.41	36 R 19905 17CT3 2.00 1.85 1.67
36 R 16695 12AL8 3.35 3.10 2.79	12GW6 USE 12DQ6B	36 R 18238 17CU5/17C5 2.00 1.85 1.67
36 R 16703 12AL11 3.05 2.83 2.55	36 R 17495 12H6 2.40 2.23 2.01	36 R 18246 17D4/17DM42.40 2.23 2.01
36 R 16711 12AQ5 2.08 1.93 1.74	36 R 17503 12HE7 3.67 3.40 3.06	36 R 18253 17DE4 1.97 1.83 1.65
	12HG7 USE 12GN7/12HG/	17DM4A USE 17D4
	36 R 17529 12HL7 2.89 2.68 2.41	36 R 18279 17DQ6B/
36 R 16737 12AT7/ ECC81 1.92 1.76 1.60		
ECC81 1.92 1.76 1.60		17GW6 3.27 3.03 2.73
36 R 16745 12AU6 2.08 1.93 1.74		17DW4A USE 17BS3A
36 R 16752 12AU7A/	36 R 17552 12J8 2.35 2.18 1.96	36 R 18287 17EW8/
ECC82 1.67 1.55 1.40	36 R 17560 12JB6A 3.75 3.45 3.13	HCC85 1.49 1.38 1.24
36 R 16760 12AV5GA 2.94 2.73 2.46	36 R 21521 12JF5 2.97 2.75 2.46	17GB3 USE 17BQ6GTB
36 R 16778 12AV6 1.46 1.35 1.22	36 R 17578 12JN6 2.11 1.95 1.76	36 R 18295 17GE5 2.35 2.18 1.96
36 R 16786 12AV7 2.89 2.68 2.41	36 R 17586 12JN8 2.00 1.85 1.67	36 R 18303 17GJ5A 3.59 3.33 3.00
36 R 16794 12AW6 1.92 1.78 1.60	36 R 20309 12JQ6 2.40 2.23 2.01	36 R 18311 17GT5A 3.59 3.33 3.00
36 R 16002 12AX3 2.00 1.85 1.67	36 R 17594 12JT6A 2.67 2.48 2.23	36 R 16329 17GV5 2.27 2.10 1.89
36 R 16810 12AX4GTB 2.00 1.85 1.67	36 R 17602 12K5 1.86 1.73 1.56	17GW6 USE 17DQB
36 R 16828 12AX7/ECC83 1.65 1.53 1.38	36 R 17628 12KL8 1.32 1.23 1.11	36 R 18337 17H3 2.00 1.85 1.67
36 R 19855 12AX7A/	36 R 17636 12L6GT 1.92 1.78 1.60	36 R 20796 17HB25 4.33 4.10 3.69
7025 1.67 1.55 1.40	36 R 17644 12MD6 2.62 2.43 2.19	36 R 18345 17JB6A 3.48 3.23 2.91
36 R 16836 12AY3A/	36 R 17651 12R5 1.81 1.68 1.51	36 R 21547 17JF6 4.00 3.70 3.33
12BS3 1.57 1.45 1.31	12RK19 USE 12AF3	36 R 18352 17JG6A 3.40 3.15 2.64
36 R 16844 12AY7 3.48 3.23 2.91	36 R 17669 12SA7 3.19 2.95 2.66	36 R 18360 17JM6A 3.59 3.33 3.00
36 R 16851 12AZ7A 2.40 2.23 2.01	36 R 17685 12SC7 2.81 2.60 2.34	36 R 18378 17JN6 3.19 2.95 2.66
36 R 16869 1284A 2.46 2.30 2.07	36 R 17693 12SF5 2.13 1.98 1.78	36 R 21554 17JQ6 2.81 2.60 2.34
36 R 16877 12BA6 1.67 1.55 1.40	36 R 17701 12SF7 3.35 3.10 2.79	36 R 18386 17JT6A 3.35 3.10 2.79
36 R 16885 12BA7 3.19 2.95 2.66	36 R 17719 12SG7 2.54 2.35 2.12	26 R 16394 17JZ8 2.30 2.13 1.92
36 R 16893 128D6 1.27 1.18 1.06	36 R 17727 12SH7 2.92 2.70 2.43	36 R 18402 17KV6A 4.64 4.30 3.87
36 R 16901 12BE3 2.27 2.10 1.89	36 R 17735 12SJ7 2,76 2.58 2.32	17LD8 USE 15KY8A
36 R 16919 128E6 1.84 1.70 1.53	36 R 17743 12SK7 3.13 2.90 2.61	17RK19 USE 17BR3
36 R 16927 12BF6 1.27 1.18 1.06	36 R 17750 12SK7GT 2.40 2.23 2.01	36 R 18410 17X10/
36 R 16935 12BF11 3.59 3.33 3.00	36 R 17768 12SL7GT 2.67 2.48 2.23	17AB10 3.59 3.33 3.00
36 R 16943 12BH7A 2.32 2.15 1.94	36 R 17776 12SN7GTA 2.65 2.45 2.21	36 R 20804 17Z3/PY81 2.38 2.20 1.98
36 R 16950 12BK5 2.03 1.88 1.69	36 R 17784 12SQ7 2.97 2.75 2.48	36 R 18428 18A5 2.81 2.60 2.34
36 R 16960 12BL6 2.30 2.13 1.92	36 R 17800 12T10 3.19 2.95 2.66	36 R 19913 18AJ10 3.19 2.95 2.66
36 R 16976 12BN6 2.48 2.30 2.07	36 R 17818 12V6GT 2.81 2.60 2.34	36 R 18436 18FW6A 1.32 1.23 1.11
36 R 16984 12BQ6GA 2.27 2.10 1.89	36 R 17826 12W6GT 3.05 2.83 2.55	36 R 18444 18FX6A 1.59 1.48 1.33
33 R 16992 12BQ6GTB/	36 R 17834 12X4 1.22 1.13 1.02	36 R 18451 18FY6A 1.59 1.48 1.33
12CU6 2.40 2.23 2.01	36 R 17842 13CW4 3.19 2.95 2.66	36 R 20812 18GB5/
12BR3 USE 12AF3/12BR3	36 R 17859 13DE7 3.19 2.95 2.66	LL500 2.78 2.58 2.32
36 R 17008 12BR7 1.65 1.53 1.38	36 R 17867 13DR7 3.08 2.85 2.57	36 R 21257 18GV8/ PCL85 2.51 2.33 2.10
12BS3A USE 12AY3	36 R 17875 13EM7/	
36 R 17024 12BT3 1.86 1.73 1.56	15EA7 3.48 3.23 2.91 36 R 17883 13FD7 3.19 2.95 2.66	36 R 50397 18RAL1 3.13 2.90 2.61 36 R 18477 19AU4GTB 2.35 2.18 1.96
128V7 USE 128Y7/128V7	36 R 17683 13FD7 3.19 2.95 2.66 13FM7 USE 15FM7/13FM7	
36 R 20291 128V11 2.59 2.40 2.16	36 R 17891 13GB5 2.35 2.16 1.96	36 R 18485 19BG6GA 3.59 3.33 3.00 36 R 19921 19CG3 2.27 2.10 1.89
36 R 17040 128W4 1.81 1.66 1.51	36 R 17909 13GF7A 3.08 2.85 2.57	19CLBA USE 19JN8
36 R 17057 128Y7/128V7/12DQ7	13J10 USE 13Z10/13J10	36 R 21265 19DE3 2.54 2,35 2.12
2.24 2.08 1.87	36 R 20317 13JZ8 2.72 2.53 2.28	36 R 18501 19EA8 2.40 2.23 2.01
36 R 17065 128Z6 1.30 1.20 1.08 36 R 17073 128Z7 2.24 2.08 1.87	36 R 17917 13V10 3.59 3.33 3.00	36 R 18519 19EZ8 2.92 2.70 2.43
36 R 17073 128Z7 2.24 2.08 1.87 12C5 USE 12CU5/12C5	36 R 17925 13Z10/13J10 3.83 3.55 3.20	36 R 21273 19FX5 2.40 2.23 2.01
36 R 17081 12CAS 2.48 2.30 2.07	36 R 17941 148L11 4.34 4.03 3.63	36 R 18527 19GQ7 2.05 1.90 1.71
36 R 19863 12CL3 1.92 1.78 1.60	36 R 17958 14BR11 3.46 3.20 2.88	36 R 18535 19HR6 1.32 1.23 1.11
36 R 17099 12CN5 1.76 1.63 1.47	36 R 17966 14GT8 1.89 1.75 1.58	36 R 18543 19HS6 1.30 1.20 1.08
36 R 17107 12CR6 1.59 1.48 1.33	36 R 17974 14JG8 2,16 2.00 1.80	36 R 18550 19HV8 3.05 2.83 2.55
36 R 21208 12CT3 1.76 1.63 1.47	36 R 17982 15AF11 2.83 2.63 2.37	36 R 18568 19J6 2.00 1.85 1.67
36 R 17115 12CT8 3.46 3.20 2.88	36 R 17990 158D11A 3.27 3.03 2.73	36 R 18576 19JN8/
36 R 17123 12CU5/12C5 2.57 2.38 2,14	36 R 18006 15CW5/PL841.32 1.23 1.11	19CL8A 1.73 1.60 1.44
12CU6 USE 12BQ6GTB	36 R 18014 15DQ8/	36 R 18584 19KG8 1.67 1.55 1.40
36 R 17131 12CX6 1.49 1.38 1.24	PCL84 1.92 1.76 1.60	19MR9 USE 18FW6
36 R 17149 12D4 1.65 1.53 1.38	15EA7 USE 13EM7/15EA7	36 R 18592 19T8 3.19 2.95 2.66
36 R 17156 12805 1.40 1.30 1.17	36 R 18030 15FM7/	36 R 18600 19X8 2.21 2.05 1.85
36 R 17164 12DE8 1.67 1.55 1.40	13FM7 2.40 2.23 2.01	36 R 18618 20AQ3/
36 R 17172 12DK6 1.24 1.15 1.04	36 R 18048 15FY7 2.11 1.95 1.76	LY88 1.78 1.65 1.49
36 R 17206 12DQ6B/12GW6	36 R 18063 15KY8A 3.75 3.45 3.13	36 R 18626 20EZ7 1.86 1.73 1.56
2,89 2,68 2.41	36 R 18071 15LE8 4.13 3.83 3.45	36 R 21281 20LF6 4.59 4.25 3.83
120Q7 USE 12BY7A/12BV7	36 R 21539 15MF8 2.75 2.55 2.30	36 R 18634 21GY5 3.00 2.78 2.50
36 R 17222 12DS7 2.92 2.70 2.43	36 R 18089 16A8/PCL82 1.86 1.73 1.56	36 R 18642 21H85A 3.19 2.95 2.66
36 R 17230 12DT5 1.84 1.70 1.53	36 R 19871 16AK9 3,67 3.40 3.06	36 R 20820 21JS6A/
36 R 17248 12DT8 2.16 2.00 1.80	36 R 18097 16AQ3/XY88 1.46 1.35 1.22	23JS6A 7.21 6.68 6.01
36 R 20747 12DW4A 2.94 2.73 2.46	36 R 19889 16BQ11 2.89 2.68 2.41	36 R 18659 21JV6 2,51 2.33 2.10
36 R 17271 12DW7 1.65 1.53 1.38	36 R 19897 16BX11 3.35 3.10 2.79	36 R 18667 21JZ6 3.05 2.83 2.55
	36 R 18105 16GK6 1.65 1.53 1.38	36 R 18675 21 KA6 2.89 2.68 2.41
36 R 17289 12DY8 4.29 3.98 3.58 12DZ6 USE 12EK6/	36 R 18113 16GY5 2.62 2.43 2.19	36 R 21562 21KQ6 6.89 6.38 5.74
120Z6/12EA6	36 R 18121 16KA6 3.38 3.13 2.82	36 R 19939 21LG6A 4.83 4.48 4.03
12EAG USE 12EKG/12DZ6	36 R 20499 16LUBA 4.32 4.00 3.60	36 R 18683 21LR8 2.57 2.38 2.14
36 R 17305 12ED5 1.46 1.35 1.22	36 R 21240 17A8 3.19 2.95 2.66	36 R 18691 21LU8 2.57 2.38 2.14
36 R 17305 12ED5 1.46 1.35 1.22 36 R 17313 12EG6 1.86 1.73 1.56	36 R 20762 17AB9 3.27 3.03 2.73	36 R 18709 22BH3A 2.00 1.85 1.67
36 R 17321 12EK6/12DZ6/12EA6	17AB10 USE 17X10	36 R 18717 22BW3 2.40 2.23 2.01
1.94 1.00 1.62	36 R 18139 17AX3 1.40 1.30 1.17	36 R 18725 22DE4 2.57 2.38 2.14
36 R 17347 12EQ7 1.49 1.38 1.24	36 R 18139 17AX3 1.40 1.30 1.17 36 R 18147 17AX4GTB 2.00 1.85 1.67	36 R 18733 22JF6 4.16 3.85 3.47
36 R 17354 12EZ6 1.92 1.78 1.60	36 R 18154 17AY3/	36 R 18741 22JG6A 3,65 3,38 3,04
36 R 17354 12EZ6 1.92 1.78 1.60 36 R 17362 12F8 1.76 1.63 1.47	17BS3 2.27 2.10 1.89	36 R 19947 22JR6 3.67 3.40 3.06
36 R 17370 12FK6 1.38 1.28 1.15	36 R 20770 178814 5.64 5.23 4.70	36 R 18758 22JU6 3.67 3.40 3.06
36 R 17388 12FM6 1.40 1.30 1.17	36 R 18162 17BE3/	36 R 18766 22KM6 4,78 4,43 3.99
36 R 21216 12FQ7 2.00 1.85 1.67 36 R 17396 12FQ8 2.81 2.60 2.34	17BZ3 2.27 2.10 1.89	36 R 21299 22KV6A 4.24 3.93 3.54
36 R 17396 12FQ8 2.81 2.60 2.34	36 R 10170 178F11 3.59 3.33 3.00	23JS6A USE 21JSL
36 R 17404 12FV7 1.84 1.70 1.53	36 R 18188 17BH3 1.54 1.43 1.29	36 R 18774 23Z9 2.97 2.75 2.48
2C D 17412 12EYS 2 00 1 85 1 67	36 R 18196 17BQ6GTB 2.81 2.60 2.34	36 R 10782 248F11 3.36 3.13 2.82
36 R 21224 12FX8A 2.08 1.93 1.74	36 R 20788 718R3/	24JE6A USE 24LQ6
36 R 21224 12FX8A 2.08 1.93 1.74 36 R 17438 12GA6 1.46 1.35 1.22 36 R 20754 12GB3 5.05 4.68 4.21	17RK19 2.00 1.85 1.67	36 R 18790 24JZ8 2.43 2.25 2.03
36 R 20754 12GB3 5.05 4.68 4.21	36 R 20887 17BS3A/	36 R 20341 24LQ6/
12GB6 USE 12GW6	17DW4A 2.27 2.10 1.89	24JE6C 4.75 4.40 3.96

#### RCA-GE-RAYTHEON RECEIVING TUBES (Cont.)

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Stock No. Tube Type 1-5 6-24 Up	25 %	25 &
	Stock No. Tube Type 1-5 6-24 Up	Stock No. Tube Type 1-5 6-24 Up
36 R 18816 25AV5GA 3.05 2.83 2.55	36 R 19954 31AL10 3.75 3.45 3.13	
36 R 18824 25AX4GT 1.65 1.53 1.38	36 R 19038 31JS6C 4.13 3 83 3.45	
36 R 50421 25BB14 5.67 5.25 4.72	36 R 21323 31LQ6 4.59 4.25 3.83	36 R 19335 50DC4 1.30 1.20 1.08
36 R 18832 25BK5 1.64 1.70 1.53	36 R 21638 31LR8 5,43 5 02 4,52	36 R 19343 50EH5 2.11 1.95 1.76
36 R 18840 25BQ6GA/		36 R 19350 50FH5 2.40 2.23 2.01
25CU6 2.35 2.18 1.96		36 R 19368 50FK5 1.19 1.10 .99
36 R 18857 25BQ6GTB/		36 R 21349 50GY7A 5.35 4.95 4.46
25CU6 2.28 2.20 1.98		36 R 19376 50HC6 2.24 2.08 1.87
36 R 18865 25C5 2.24 2.08 1.87	36 R 19053 33GT7 4.00 3.70 3.33	36 R 19384 50HK6 1.16 1.08 .97
36 R 18873 25CA5 1.54 1.80 1.62	36 R 19061 33GY7A 3.75 3.45 3.13	36 R 19392 50HN5 1.49 1.38 1.24
36 R 18881 25CD6GB 3.46 3.20 2.88	36 R 21653 33JR6 3.35 2.10 2.79	36 R 21356 50JY6 3.78 3.50 3.15
36 R 18899 25CG3 1.84 1.70 1.53	36 R 19970 33JV6 2.51 2.33 2.10	36 R 19400 50L6GT 3.05 2.83 2.55
	36 R 19087 34CE3/	36 R 19426 50Y6GT 2.35 2.18 1.96
	34CD3 2.40 2.23 2.01	36 R 19442 53HK7 4.51 4.18 3.76
	36 R 19095 34GD5A 1.59 1.48 1.33	36 R 19459 60FX5 1.59 1.48 1.33
36 R 18907 25DK4 119 1.10 99	36 R 21331 34R3 3.78 3.50 3.15	36 R 19467 75 3.20 2.88 2.56
	36 R 19111 35B5 1.73 1.60 1.44	36 R 19475 80 2.59 2.40 2.16
	36 R 19129 35C5 2.08 1.93 1.74	36 R 19491 117L7 7.96 7.39 6.65
36 R 18915 25DN6 3.56 3.30 2.97	36 R 19145 35EH5 2.40 2.23 2.01	36 R 19509 117N7GT 6.94 6.43 5.79
36 R 20846 25E5/PL36 3.59 3.33 3.00	36 R 19160 35L6GT 2.65 2.45 2.21	36 R 19525 117Z3 2.43 2.25 2.03
36 R 18923 25EC6 3.75 3.45 3.13	36 R 20507 35LR6 4.78 4.43 3.99	36 R 19541 5879 2.89 2.68 2.41
36 R 18931 25EH5 2.40 2.23 2.01	36 R 19178 35W4 1.22 1.13 1.02	36 R 19558 6267 1.51 1.40 1.26
36 R 18949 25F5A 2.08 1.93 1.74	36 R 19186 35Y4 2.43 2.25 2.03	36 R 19566 6931 1.84 1.70 1.53
36 R 21604 25HX5 2.81 2.60 2.34	36 R 19202 35Z4GT 1.38 1.28 1.15	36 R 19574 6973 2.72 2.53 2.28
30 8 2 10 12 25 128 3.13 2.90 2.61	36 R 19210 35Z5GT 1.84 1.70 1.53	7025 USE 12AX7A/7025
36 R 18956 25L6GT/	36 R 19228 36AM3B 1.76 1.63 1.47	36 R 19590 7027A 4.02 3.73 3.36
25W6GT 2.81 2.60 2.34	36 R 20366 36KD6/	36 R 19608 7189A 2.38 2.20 1.98
36 R 18964 25W4GT 2.00 1.85 1.67	40KD6 5.27 4.88 4.39	36 R 19616 7199 3.05 2.83 2.55
25W6GT USE 25L6GT	36 R 19236 38HE7 4.32 4.00 3.60	36 R 19624 7247 2.54 2.35 2.12
36 R 18980 25Z6GT 2.08 1.93 1.74	36 R 19244 38HK7 4,32 4,00 3,60	36 R 19632 7355 2.38 2.20 1.98
36 R 20358 26HU5 6.51 6.03 5.42	40KD6 USE 36KD6/40KD6	
36 R 21307 26LX6 5,13 4.75 4.28	36 R 21661 40KG6A 5.43 5.02 4.52	36 R 19640 7408 1.81 1.68 1.51 36 R 19657 7543 1.76 1.63 1.47
36 R 18998 27 2,75 2,55 2,30	36 R 19269 42 2.62 2.43 2.19	36 R 19865 7581A/KT66 3.32 3.08 2.77
36 R 19004 27GB5 200 1.85 1.67	36 R 21679 42EC4A 2.65 2.45 2.21	
36 R 19012 29GK6 1.34 1.80 1.62	36 R 19277 42KN6 4.32 4.00 3.60	36 R 19673 7591A 1.51 1.40 1.26
36 R 20853 29KQ6 6.35 5.87 5.29	36 R 19285 43 3.89 3.60 3.24	36 R 19681 7695 2.38 2.20 1.98
36 R 21620 29LE6 3.19 2.95 2.66	36 R 19293 45B5/UL84 1.51 1.40 1.26	36 R 19699 7868 3.05 2.83 2.55
36 R 21315 30AE3/PY88 1.81 1.68 1.51	36 R 19301 50A5 3.16 2.93 2.64	36 R 19715 8417 3.05 2.83 2.55
36 R 19020 30AG11 3.48 3.23 2.91		36 R 19723 8425A/
36 R 20861 30JZ6 3.32 3.08 2.77	36 R 19319 50B5 1.59 1.48 1.33 36 R 20374 50BM8/	6AU6A 1.76 1.63 1.47
36 R 20879 30KD6 4.37 4.05 3.65		36 R 19731 8426A/
7137 4.00 3.03	UCL82 2.35 2.18 1.96	12AU6 2.03 1.88 1.69
JEC.	MILLIADO MICH EIDELITY THE	150

#### MULLARD HIGH FIDELITY TUBES

Premium quality tubes widely used by Hi-Fi equipment manufacturers. Tube types are directly interchangeable with equivalent types listed. Imported from England, Shpg. wt., ½ lb.

Matched Pairs (Types Ending in MP)
Consists of 2 of the type, measured and tested to be within close tolerance of each other to assure maximum balanced output.

Wt. 1 lb.

Stock No.	Tube Type	Equiv. Type	Net	Stock No.	Tube Type	Equiv. Type	Net	Stock No.	Tube Type	Equiv. Type	Ne
36 R 53862	EABC80	6AK3	1.65	36 R 54126	EF183	6EH7	1.93	36 R 54654	PCL85	18GV8	2.3
36 R 53870	E891	6AL5	1.48	36 R 54134	-EF184	6EJ7	1.78	36 R 54662	PL36	25E5	3.3
36 R 53888	EBC81	6B07A	2.70	36 R 54142	EK90	68E6	1.70	36 R 54670	PY81	1723	2,2
16 R 53896	EBC91	6AV6	1.35	36 R 54159	EL34	6CA7	3.13	36 R 54688	FY88	30AE3	1.6
36 R 53904	EBF89	6DC3	1.53	36 R 54175	EL84	6BQ5	1.95	36 R 54316	UCL82	50BM8	2.1
IG R 54530	EC88	6DL4	3.98	36 R 54183	EL86	6CW5	1.38	36 R 54332	UL84	4585	1.4
16 R 53912	EC92	6A84	1.80	36 R 54191	EL90	6AQ5A/6HG	5 1.70	36 R 54696	×Y88	16A23	1.3
6 R 54548	EC900	6HA5	1.93	36 R 54209	EL95	6DL5	1.48	36 R 54357	7025A	TOALS	1.5
6,R 53920	EC97	6FY3	1.38	36 R 54217	EM34	6CD7	4.75	36 R 54365	7189A	The same	1.9
6 R 53938	ECC81	12AI7	1.78	36 R 54225	EM84	6FG6	1,68	36 R 54373	7247	12DW7	1.5
6 R 53946	ECC82	12AU7	1.55	36 R 54233	EZ80	6V4	.80	00 11 0 1010	7271	140117	1.0
6 R 53953	ECC83	12AX7	1.40	36 R 54241	EZ81	6CA4	1.88	100			
6 R 53961	ECC85	6AQ8	1.50	36 R 54258	EZ90	6X4	1.70	M	ATCHE	D-PAIRS	
6 R 53979	ECC88	6D13	2,48	36 R 54266	GZ34	5AR4	2.50	-			
6 R 53987	ECF80	6BLB	1.35	36 R 54274	HCC85	17EW8	1.38	Stock No.	Tube Type	Equiv. Type	Ni
6 R 53995	ECF82	608	1.73	36 R 54282	KT66	276110	9.75	36 R 54381	ECL82MP	68M8MP	5.8
6 R 54555	ECF801	6EJ7/6GJ7	1.55	36 R 54290	KT77		8.75	36 R 54399	ECL86MP	6GW8MP	
6 R 54019	ECH81	6AJ8	2.00	36 R 54308	KT88		14.75	36 R 54407	EL34MP	6CA7MP	6.0
6 R 54027	ECL80	6ABB	3.75	36 R 54563	LC900	3HA5	1.93	36 R 54423	EL84MP	6BQ5MP	9.5
6 R 54035	ECL82	6BM8	1.45	36 R 54571	LCF801	5GJ7	1.48	36 R 54431	EL86MP	6CW5MP	6.2
6 R 54043	ECL86	6GW8	1.53	36 R 54589	LL86	10CW5	1.28	36 R 54449	EL90MP	6AQ5MP	5.2
6 R 54050	EF80 .	6B>6	1.53	36 R 54597	LY88	20AQ3	1.63	36 R 54456	EL95MP	6DL5MP	
6 R 54968	EF85	6BY7	2.75	36 R 54605	PC900	4HA5	1.93	36 R 54464	KT66MP	ODESMP	6.0
6 R 54076	EF86	6267	2.25	36 B 54613	PCC85	9AQ8	3.58	36 R 54472	KT77MP		19.7
6 R 54084	EF89	6DA6	1.43	36 R 54621	PCF80	9A8	1.33	36 R 54480	KT88MP		17.5
6 R 54092	EF93	6BA6	1.63	36 R 54738	PCF801	8GJ7	1.45	36 R 54498	UCL82MP	EDDMOND	31.2
6 R 54100	EF94	6AU6A	1.48	36 R 54639	PCL82	16A8	1.70	36 R 54506	UL84MP	50BM8MP	5.7
6 R 54118	EF95	6ARS	2.38	36 R 54647	PCL84	15DQ8	1.70	36 R 54514	7189MP	45B5MP	5.2

#### FRAKD MASIEK IUM SEKIES

This selected series of individually lab-tested tubes features tube-to-tube uniformity, section-to-section uniformity to the most stringent specifications. Hum, noise, microphonics and distortion kept to absolute minimum

foam cushion packing. Any tube falling to give 10,000 hours of effective performance within 2 years from purchase may be returned for no charge replacement. Avg. shpg. wt., 5 oz.

Stack No.	10M Type	Het	Stock No.	10M Type	Not	Stock No.	10M Type	Net	Stock No.	10M Type	Net
36 R 54704	6CY5	4.20	36 R 53490	EBC90/6AT6	2.15	36 R 53607	ECC91/616	2.80	36 R 53714	EF95/6AK5	3.60
36 R 53276	6EU7	2.60	36 R 53508	EBC91/6AV6	2.15	36 R 53615	ECC189/6ES8	3.85	36 R 53722	EF183/6EH7	2.90
36 R 54712	6EV5	4.20	36 R 53516	EBF89/6DC8	2.95	36 R 53623	ECF80/6BL8	3,40	36 R 53730	EF184/6E17	2.90
36 R 53292	6GK5	2.65	36 R 53524	EC90/6C4	3.15	36 R 53631	ECF86/6HG8	3.40	36 R 53748	EK90/6BE6	2.30
36 R 53334	6T8A	3.10	36 R 53532	EC95/6ER5	2.65	36 R 53649	ECH81/6AJ8	2,92	36 R 53755	EL84/6BQ5	2.40
36 R 54720	12BY7A	5.00	36 R 53540	EC97/6FY5	2.60	36 R 53656	ECL80/6AB8	3.05	36 R 53763	EL90/6AQ5	2.40
36 R 54522	5654/6AK5W	4.50	36 R 53557	ECC81/12AT7	2.85	36 R 53664	ECL84/6DX8	3.15	36 R 53771	EL95/6DL5	2.80
36 R 53458 36 R 53425	7025	2.60	36 R 53565	ECC82/12AU7	2.45	36 R 53672	EF86/6267	2.75	36 R 53789	HBC91/12AV6	2.15
36 R 53474	7247/12DW7	2.85	36 R 53573	ECC83/12AX7	2.45	36-R 53640		2.80	36 R 53797	PCF80/9A8	3.60
36 R 534/4	EABC80/6AK8 EB91/6AL5		36 R 53581	ECC85/6AQ8	2.65	36 R 53698	EF93/6BA6	2.20	36 R 53813	PL84/15CW5	2.75
20 tr 23407	ED31/OME3	2.15	36 R 53599	ECC88/6DJ8	3.45	36 R 53786	FF94/6AU6	2 28			

# Batteries-Burgess, Eveready, RCA, Mallory

- POPULAR 1.5 V. GENERAL PURPOSE AND 9 V. TRANSISTOR BATTERIES. The most popular 1.5 volt D, C, and AA flashlight, general purpose mercury types characterized by excellent voltage stability through-batteries and 9-volt transistor radio batteries. Available in: standard out long operating life plus extremely long shelf life; rechargeable zinc-carbon; alkaline types featuring up to 10 times longer life; nickel-cadmium types which may be recharged hundreds of times

	A STATE OF THE REAL PROPERTY.		Chemical	Rep	aces Man	ufacturer's	Туре		Wt.		
	Stock No.	Type	Composition	Eveready	Burgess	RCA	Mallory	Veits	0.2.		Net
	32 R 47491	D	Carbon-Zinc	950	2	VS036	M13F	1.5	8.0	Pkg. of 2	.39
A 63 W	32 R 48846	D	Alkaline	E95	AL2	VS1336	MN1300	1.5	7.0	Each	.65
	32 R 47590	D	Mercury	-	-	_	RM42R	1.35	8.0	Each	3.25
Nacra Nacra	32 R 48895	0	Nicad	CH4	CD10	-	-	1.25	7.0	Each	6.64
I RANGEZ I	32 R 47509	C	Carbon-Zinc	935	1	VS035A	M14F	1.5	5.0	Pkg. of 2	.39
	32 R 48879	C	Alkaline	E93	AL1	VS1335	MN1400	1.5	4.0	Each	.52
inasi	32 R 48887	C	Nicad	-	CD14			1.25	5.0	Each	3,90
	32 R 47757	AA	Carbon-Zinc	915	910	VS034A	M15F	1,5	3.0	Pkg. of 2	.34
	32 R 47525	·AA	Alkaline	E91.	AL9	VS1334	. MN1500	1.5	4.0	Pkg. of 2	.92
THE STATE OF THE S	32 R 46857	AA	Mercury	E9	Hg9	AZ3	ZM9	1.4	4.0	Pkg. of 2	1.31
	32 R 47400	AA	Nicad	C450	CD6	_	( ) ( )	1.25	3.0	Each	1.65
	32 R 48077	Radio 9V	Carbon-Zinc	216	206	VS323	M1604	9.0	3.0	Each	.54
	32 R 47533	Radio 9V	Alkaline	-		VS1323	MN1604	9.0	4.0	Each	.98
THE STATE OF THE S	32 R 47673	Radio 8.4V	Mercury	E146X	H146K	VS146X	TR146X	8.4	1.9	Each	1.28
							-		_		



# MALLORY DURACELL

MERCURY BATTERIES	
Types with * have snap connections. Shipping	
weight varies from 2 oz, to 10 oz, max.	Lafayette
Stock No. Type No. Volts Het Per Package	Stock He"

pkg. of 4

1.67

3.00 1.31

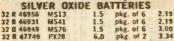
3.26

2.58

100	JZ 78 4/366	RME .	8.9	pag. or 4	7.08
-5	32 8 47574	RM1R	1.35	pkg. of 4	3.26
	32 R 47582	RM4R	1.35	pkg. of 4	6.48
STATE OF	32 R 46550	RM12	1.4	PAE. of 2	2.28
	32 8 47590		1.4	Each	3.25
	32 R 47606	RM312	1.4	pkg. of 6	1.44
	32 R 47616	RM400	1.4	pkg. of 6	3,00
				Fach	.67
	32 R 47624	RM401	1.4		
	32 R 49618	RM502R	1.35	plug. of 2	2.20
	32 R 47632	RM520	1.4	pkg. of 6	1.02
	32 R 47640	RM625R	1.35	pkg. of 4	2.92
1-02	32 R 47657	RM630	1.4	pkg. of 4	2.52
1	32 R 46675	RM640	1.4	pkg. of 2	1.26
READY	32 R 46683	RM675	1.4	pkg. of 6	3.00
MANUAL STREET	32 R 46709	TR115R	6.75	pkg. of 2	4.88
lil all lines	12 R 47665	TR126	8.4	Each	1.67
1	32 8 46725	TR132R	2.7	pkg. of 2	2.94
July Sales	32 R 46733	TR133R	4.05	pkg. of 2	3.74
	32 R 46741	TR134R	5.4	pkg. of 2	4.54
	32 R 46758	TR135R	6.75	pkg. of 2	5.36
100	22 R 46766	TR136	8.4	pag. of 2	4.54
				Fach	1.28
	32 R 47673	TR146X*	8.4		
-	32 R 46782	TR163	4.2	pkg. of 2	3.68
	32 R 47681	TR164	5.6	Each	1.67
1	32 R 46808	TR165	7.0	pkg. of 2	4.34
	32 R 46816	TR169	12.6	Each	3.67
( \$50)	12 P 47699	TR175	7.0	Each	1.50

RM1

	32 R 46816	TR169
1. mc133	32 R 47699	TR175
	32 R 47707	TR177*
1 1 2 2 2 2	32 R 47715	TR233
700	32 R 46857	(AA) ZM9
ACTIVATO	32 R 46865	ZM12
	32 R 47723	PX1
	32 R 47731	PX13
	32 R 46964	PX23
N	32 R 46923	PX29



4.2

1.4

1.35

1.35

4.05

Each pkg. of 2

pkg. of 2

pkg. of 4

pkg. of 4 pkg. of 4 pkg. of 2

#### RECORDER BATTERIES

Stock No. Type	Shpg. WL	Net
32 R 39035 2X7 32 R 39050 2VT	1/2 lb. 1/2 lb.	2.00

#### INDUSTRIAL BATTERY TYPES

Lafayette Stock No.	Eve- ready	Replaces Burgess	Mfr's. Type	e Voltage	Wt. Ibs.	Net
32 R 39019 32 R 47137		2FH 2F2H	VS101 VS136	11/2	14/2	1.06
32 R 47160 32 R 47178 32 R 47202	750 703	422 532 5360	VS134 VS346 VS028	3 4½ 4½	1/4 3/6 3/6	1.30 1,63 1,79
32 R 47228 32 R 47236	773	\$540 4156	VS029 VS102	7 ½ 22 ½	1/2	2.50
32 R 47244 32 R 47251 32 R 47293	W350	\$156SC Z30NX 5308	VS131 VS114 VS112	22½ 22½, 45 45	13/4 13/4 33/4	5.45 3.42 3.77

#### PORTABLE A TYPES

Lafauatta	ready"	Bur-		Dimen, in inches	Volt-	Wt.	
Lafayette Stock No.	No.	gess	R.C.A.	LxWxH		Lbs.	Net
32 R 48192	1050	230	VS336	11% diam. x 21%	13/2	1/2	.23
32 R 48216 32 R 48226	742 964	4F	VS004 VS236	2%x2%x33%3 11% diam. x 4%	11/2		1.15
32 R 48234	206	L6	VS327	4%x1%x21%	9	1/4	.70
32 R 48242 32 R 48267	736 718	F3 2F4	VS067	31%,x1%,x4%, 32%,x234x5%	6	3	3.22
32 R 46275	724	Zq	VS068	1%x1%x21%	6	1/4	1.34
32 R 48283 32 R 48291	744	F4P1	VS345 VS315		742	11/2	1.15
32 R 48309 32 R 48317	713 717	85 C5	VS129 VS065		742		2.65 1.35
		POR	TABLE			BU	

		PORT	TABLE	B TYPES			
32 R 48333	411	U10	VS083	1x3%,x1%,	15	14	1.03
32 R 46341	417	K10	_	15cx35cx15c	15	3/4	1,67
32 R 48358	504	Y10	VS704	56x1%-x136	15	1/6	1.03
32 R 48366	412	U15	VS084	11%x56x2	221/2	1/4	.1.17
32 R 48374	420	K15	_	1%x3%x2%	221/2	1/4	2.02
32 R 48382	505	Y15	VS705	56x136-x1464	221/2	1/4	1.17
32 R 48390	413	U20	VS085	1%-x56x2%	30	3/4	1.30
32 R 48408	506	Y20		11% x 56x12%	30	1/4	2.53
32 E 40051	415	U30	VS086	136x36x31%	45	1/2	1.88
32 R 48424	455	XX30	VS055	2"%x1x3"%	45	3/4	2.45
32 R 48101	482	M30	VS013	31%,422%,4542	45	244	3.27
32 R 48432	484	B30	VS344	31/4221/425%	45	334	3.77
32 R 48465 :	416	UX45	VS318	12 Kat 4 Kat 31/2	6742	1/2	2.23
32 R 48473	457	K45	VS082	2136x136x21/2	6745	3/4	2.97
02 0 40404		MM + 40	100000	9197 - 997 945	C74/		9.7/

	PHO	TOFLA	3000		IIGH VOLTA	GE 1	TYPES	
32 R	48556	W361	XX69	-	11%,211%,2111%	, 1034	121%	5.44
32 R	48176	490	V60	VS090	32%x136x34%	90	11/2	3.40
32 R	48515	479	P60	VS219	13 Kax 1 Kax 71 Ka	90	11/4	2.98
32 R	48507	437	XX50	VS217	1"%x11%x61%	75	11/4	3.77
32 R	48499	477	P45	VS218	12% x4%x5%	6742	3/4	3.05
32 R	48481	467	XX45	VS016	21%x136x34%	671/2	1	2.70
32 R	48473	457	K45	VS082	2136x136x21/2	6742	3/4	2.97
32 R	48465 :	416	UX45	VS318	12 Kan 4 Kan 3 1/2	671/2	1/2	2.23
32 R	48432	484	B30	VS344	321/2211/25%	45	334	3.77
32 R	48101	482	M30	VS013	31%,22%,251/2	45	244	3.27
	48424	455	XX30	VS055	2"\nax1x3"\n4	45	7/4	Z.45

32 R 48564	493	U200	VS093	21%x2%x33%		134	9.75			
32 R 48884	497	U320	_	3x11%xx556		2	13.00			
32 R 48820	491	U160		2%x1%x41%a	240	1	7.20			

#### NICKEL CADMIUM RECHARGEABLE BATTERIES

Hermetically sealed steel nickel cadmium cells. High energy, long lasting, unaffected by idle periods. May be recharged many times. All are 1.25 average discharge voltage. All capacities rated in milliampere-ohm except ‡ rated in ampere-hours.

Lafayette Stock No.	ready" No.	Burgess No.	Gould- Nicad	Сар.	Wt. In Oz.	Net
32 R 47467	B20	CD1	208	20	3	1.44
32 R 47301	B50	CD2	508	50	2	1.09
32 R 47327	*B100T	*CD8L	*100BL	100	2	1,39
32 R 47350	8225	CD4	2258	225	2	1.29
32 R 47368	*B225T	*CD4L	*2258L	225	3	1.48
32 R 47384	*8450T	*CD5L	*450BL	450	3	2.08
32 R 47392	*C450T	*CD6L	*475SCL	450	3	2.40
32 R 47400 (AA)	C450	CD6	475SCB	450	3	1.65
32 R 47410	CH1.2	-	1.2SCB	1200	4	2.89
32 R 48887 (C)	CH1.5	CD14	2.0SCB	1.5 t	5	3.90
32 R 48895 (D)	CH4	CD10	4.0SCB	4 1	7	6.64

# **Popular Batteries at Popular Prices**

**Constructed To Lafayette's Rigid Specifications** 



Standard



#### STANDARD BATTERIES

			and the last	a work till	Repl	aces Mf	's Type
Stock No.	Volt- age	Net	Lots of 10	RCA		Eve- ready	Shpg. wt.
99 R 62564 99 R 62572 99 R 62580	1½(D) 1½(C) 1½(AA)	.18 .16 .10	1.50 1.30 .80	VS036 VS035 VS034	2 1 2	935 4	oz. ea. oz. ea.

#### STANDARD QUOLT TRANSISTOR RATTERY

99 R 60212	9	.29 2.60	VS323	-	216 3 oz. ea	
99 R 62796	Pkg. of 2	batteries			Net per pkg5	5

#### ALKALINE BATTERIES

These high energy Alkaline batteries provide up to 10 times longer life than ordinary zinc-carbon types in heavy and/or continuous drains, at all temperatures. Especially good for toys, photo, radios. tape recorders, record players and heavy-duty flashlights. Imported.

		437	Replaces	Manu	facturer	's Type
Stock No.	Volt-	Net	Mall-	Bur-	Eve-	Shpg.
	age	ea.	ory	gess	ready	wt.
99 R 63786	1-1/2 (D)	.60	MN1300	AL2	E93	5 oz.
99 R 63802	1-1/2 (C)	.48	MN1400	AL1		3 oz.
99 R 63828	1-1/2 (AA)	.42	MN1500	AL9		2 oz.

Fresh Stocks

- Extra Dependability

Batteries

- Available in
- Standard Carbon-Zinc
- · Extra Long Life
- Alkaline
- Nickel Cadmium

#### EXTRA LONG LIFE BATTERIES

Lafayette's extra long life batterles reduce the frequency of necessary replacement. They use a special chemical formulation which provides more than 50% longer useful life without either diminishing their shelf life or increasing battery weight.

				Replaces	Manufactu	rer's Type
Stock No.	Volts	Net.	Lots of 10	RCA	Bur- Eve- gess ready	Shpg. wt.
99 R 63661 99 R 63687 99 R 63703	1½(D) 1½(C) 1½(AA)	.25 .22 .15	2.00 1.80 1.20	VS036 VS035 VS034	2 950 1 935 Z 915	5 oz. ea. 4 rz. ea. 3 oz. ea.

#### EXTRA LONG LIFE 9-VOLT TRANSISTOR BATTERY

99 R 63729 .45 3.50 VS323 2116

#### AA NICKEL CADMIUM BATTERY

This Lafayette pentite nicket cadmium cell is manufactured to Lafayette's rigid specifications by one of America's best known manufacturers. Provides up to 500 charge-discharge cycles and the economies resulting from such recharging.

32 R 47400 11/a (AA) 1 65 3 oz, ea

#### MANGANESE ALKALINE BATTERIES Up to 10 times longer life. Do not require rest period, operate

with same efficiency in continuous or intermittent service.

			Rep	places M	anufa	cture	er's Type
And the last	Eve-			Bur-	Volt-	Wt.	Per
Stock No.	ready	Mallory	R.C.A.	gess	age	07.	Pkg.Net
32 R 46972	EPX825	PX-825	nine.	APX825	1.5	2	2 .99
32 R 48846(D)	E95	MN1300	VS1336	AL2	1.5	7	1 .65
32 R 47525(AA)	E91	MN1500	VS1334	AL9	1.5	4	2 .92
32 R 48879(C)	£93	MN1400	VS1335	AL1	1.5	4	1 .52
32 R 47541	£90	MN9100	VS1073	ALN	1.5	3	2 .79
32 R 48937(AAA)	E92	MN2400	VS1074	AL7	1.5	3	1 .46
32 R 46451	523	MN1306	VS1149	AL133	4.5	3	1 1.27
32 R 47426	563		VS1563	_	4.5	2	1 3.00
32 R 47434	564		VS1564	_	13.5	7	1 10.99
32 R 47533	-	MN1604	V\$1323	-	9.0	4	1 .98

#### TRANSISTOR AND HEARING AID BATTERIES

Lafayette Stock No.	"Eve- ready"		eplaces M R.C.A.	fr's Type Mailory	Volt- age	Wt.	Net
32 R 48192 (D)	1050	230	VS336	M13R	1.5	3/2	.23
32 R 47012 (C)	1035	130	V\$335	M14R	1.5	1/4	.23
32 R 47020 (AA)	1015	930	VS334	M15R	1.5	1/4	.19
32 R 47038	243	_	VS324	-	41/2	3/8	2.05
32 R 48077	216	2U6	V\$323	M1604	9.0	×4	.54
32 R 47046	246	2NB	V\$305	M1602	9.0	3/8	1.50
32 R 48986	266	M6	VS322	M1605	9.0	%	1.36
32 R 47053	276	D6	VS306	M1603	9.0	1	1.67
32 R 47061	2506	D6F1	VS301		9.0	13/4	2.71
32 R 47079	239	XX9	V\$304	_	131/2	3/4	2.40
32 R 47095	2356N	C6X	VS330	Marin .	9.0	1	2,40
32 R 47129	226	P6	VS300A	M1600	9	3/4	.79

FLACHLICHT & LANTEDN BATTEDIES

LASTILI	ditti	OL LA	ALFIGIA	DA	116	WIL?
32 R 48655 (AAA) 32 R 47757 (AA)	912	7	VS074	11/2	3/8	.16
32 R 47509 (C)	915 935	910	VS034A VS035A	11/2	3/8	2 for .34 2 for .39
32 R 47491 (D) 32 R 48671	950 735	410	VS036 VS106	11/2	13/4	2 for .39
32 R 48689 32 R 48697	#6 Ign. 509	6 Ign.	VS006S VS040C	11/2	23/8 15/8	1.13 1.13
32 R 48184	5108	FABP	VS040S	6	13/4	1.13
32 R 48705 32 R 48713	731 706	TW1 4F4H	VS317 VS103	6	31/4 63/4	2.30 4.34
32 R 47772 32 R 48754	732 904	NE NE	VS342 VS073	11/2	31/2	2.30
32 R 48788 32 R 47764	715	4F5H Z46HD	VS139	71/2	31/4	5.30 2 for 7.66

#### MALLORY EMERGENCY RESERVE DURACELL ALKALINE BATTERY

#### • 10 Year Emergency D Cell

#### KEYSTONE BATTERY HOLDERS

Battery Holders are made of Aluminum Alloy, sturdy construction with insulated, nickel plated Brass eyelets. All multiple holders mount batteries side by side except items marked \*mount end to end. Av. shpg. wt., 3 ozs.



216

4 07 68

Stock No.	Holds	Burgess	Eveready	RCA	Mallory	Ea.
34 R 50012 34 R 50020 34 R 50038	1 2 3	7, AL7	912, E92	VS074 VS1074	MN2400	.25 .42 .61
34 R 50053 34 R 50061 34 R 50087 34 R 50095	1 2 3	Z, 9R, Y15 CD6	E9, E12, E133, E502 505, 915 1015E, C450	VS034 VS9	RM12R, TR133R, ZM-9 TR233R	.25 .40 .55
34 R 50103 34 R 50111	1 }	1 AL2	935, E93 CH1.5	VS035	MN1300	.33
34 R 50137 34 R 50145 34 R 50152	2 }	2, D, Z4 CD10	950, <b>E95</b> , CH4	VS036 VS1336	RM42R	.33 .40 .51

Atta .	В	ATT	ERY CLIPS	
A-male	Avg. Shpg. Wei Stock No.	ght 2 Fig.	oz. For Burgess	Net Ea.
Alana Maria	34 R 10016	A	P6, D5, P6M, M6, XX45, XX30, XX50	.07
	34 R 10024	В	K45, P45, P45M, P60, D6, 4D4,	
B—female	99 R 62879*	C	N60X, C6X 2U6, U30, 2N6	.07
663	99 R 62887*		same, pkg. of 5	.69
	34 R 10040	D	XX5Q, P45, P60, N60X	.27
(8)	<u>-</u>		*Imp	orted

# **Battery Eliminators—Chargers**

#### "STORAGE CELL" for TRANSISTOR RADIOS LAFAYETTE 9-VOLT TRANSISTOR RADIO **9V BATTERY PLUS CHARGER**

ONE CHARGEABLE BATTERY OUTLASTS DOZENS OF CONVENTIONAL BATTERIES

Replaces 206, 216, and BL-006P Fluid Storage Type Plays About 15 Hours on One

Charging

**Battery Recharges Overnight** Complete—Battery Plus Charger



#### LAFAYETTE MULTI-PURPOSE **BATTERY CHARGER**

• Recharge All Popular Batteries-9V Transistor, AA Penlight, C And D Cells .. Up to 3 At One Time!

Just Plug-In And Use

Designed to charge regular carbon zinc, nicket cadmium and alkaline besigned to charge regular carbon zinc, incher cambin and archine batteries. Charges up to 3 batteries in a relatively short time for less than a penny. Two compartments automatically adjust to size of battery inserted, plus 2 snaps are provided for 9V., transistor radio batteries. Red light indicates charger is operating. For 110-120 voits 50/60 Hz AC. Imported. Shpg. wt., 36 lb. 99 R 92058



**POWERHOUSE HOME BATTERY** CHARGER

Recharge Batteries Up to 15 Times

Built-in **Battery Tester** 

Recharge from one to five batteries at one time. Safety is assured since charger is in operation only when lid is closed. Plugs into standard 110-120 volt. 60 Hz AC outlet. Imported.

34 R 24017 Shpg. wt., 144 Ibs, 5 oz.

Net 4.75

**BATTERY CHARGER WITH TWO** RECHARGEABLE BATTERIES

QUANTITIES LIMITED

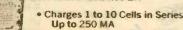
2 D Type Batteries Included

 Recharges Batteries Overnight For Flashlights, Transistor Radios, Toys.

Recharges any type D battery overnight. No longer must toys, transistor radios and flashlights be without "live" batteries. White plastic case with 2 rechargeable type D batteries, Replaces VS036, VS036, 2, 950 etc. Imported Shpg. wt., 1¾ bs.

99 R 91001 Charger and 2 Batteries. Net 2.95

#### CHART CHARGE NICKEL-CADMIUM BATTERY CHARGER



Meets the demands of Nickel-cadmium cells in industrial and hobby use. Continuously variable from 10 to 250 MA to charge 1 to 10 cells in series. Use of isolation transformer eliminates shock hazard. Full wave silicon diode rectification. No meter is required for accurate calibration. Piot light on-off indicator, UL listed. Cord. 61/4x31/4x2". Shpg. wt. 21/4 lbs. 34 R 41011 Net 18 50

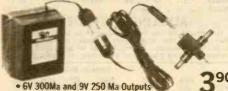
# BATTERY CHARGER AND ELIMINATOR



Just plug into any 117-wolt AC receptacle and recharge your old 9-wolt battery for many hours of extra use, or operate your set indoors without using the battery at all; or you can both charge battery and operate set at the same time. Has 4-position switch for above functions plus off position and pilot light. Size 4Wx114,4Hx 256"D. Imported, Shpg. wt., 36 lb. 99 R 90219

Net 3.99

#### UNIVERSAL 6 and 9 VOLT ADAPTER



• Reverse Polarity Connector

 Four Popular Terminations This switchable 6 and 9 volt battery eliminator substitutes for batteries in nearty all radios, cassettes, phonos, recorders and other battery operated equipment when used with 117 V 50-60 Mz input. Reverse polarity connector (+ or — ground) assures proper function of equipment. Selector switch for choice of 6 or 9 V BC. Terminates in miniature plug, sub-miniature plug, and the two popular coaxial power jacks to fit nearly all equipment. Compact: 24/x11/4x11/2", Imported. Shpg. wt., 12 oz. 34 R 27002

UNIVERSAL 6, 7.5 AND 9 VOLT ADAPTER

This battery eliminator is same as above but has three-way switch to provide 7.5 volts in addition to 6 and 9 volts, Imported, Shpg. wt., 34 R 27010



**AUTOMATIC DRY CELL** BATTERY CHARGER

> · Charge Up To 14 Batteries At A Time

- Uses AC Or DC Power Source
- Will Not Overcharge
- Built-in Battery Tester

Recharges all "O", "C", and 9-volt transistor carbon-zinc, alkaline, mercury, and nickel cadmium batteries. Charging receptacles for 4 "O" cells, 4 "C" cells, 6 "AA" cells and one 9V battery permits recharging up to 14 batteries at one time. Transformer circuitry operates on a demand principle and automatically prevents overcharging. Has built in battery tester-indicator light. Shock-proof since low voltage charging occurs only when lid is closed. Attractive, decorator styled hi-impact pliable plastic case. For 110-120 volt DC or AC 60 Hz. Size: 74/2144/41234", Shop, wt., 11/2 lbs.

#### BATTERY HOLDERS



A. Ultra-compact bakelite battery case, Holds 8—1½ volt (AA) penlite cells, 2½ holes, 1¼ on centers for mounting. Size: 2%,x2%x1%,", imported. Shpg. wt., 1½ oz. 99 R 63232 Net .6

Same as above except holds 10-11/2 voit (AA) pentight cells. Size: 21/421/4111%". Imported. Shpg. wt., 2 oz. 99 R 31353

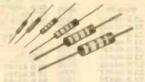
B. Battery holder for 4—1½ volt.(AA) penlight cells. Has snap-on battery clip and leads. Size: 1½x1½x2½". Imported.

99 R 63315 Shpg. wt., 2 oz. ... Net .45

# **Resistors and Resistor Assortments**

#### FIXED COMPOSITION RESISTORS

Moulded carbon resistors in 1/6 to 2 watt ratings, 5% 8 10% tolerance. Made by leading American manufacturers such as Allen Bradley, Speer and Rgt to high industry standards, Moulded bodies are insulated to have high breakdown resistance. All have surated to have high preakdown resistance. All have E.J.A. color coded bands for positive identification of ohmage and tolerance. All are brand new factory fresh stock with full length leads.



#### HOW TO ORDER

ance chart

Specify Stock Number from the price line, EXAMPLE: For a ½ watt, 3900 ohm 10% code number and ohmmage from the tolerresistor; order as 52 R 3087, 3900 ohms.
aver chart. order as 52 R 8087, 3900 ohms.

#### 10% RESISTORS - SELECT FROM CHART BELOW

STOCK NO.	BOTTO 10	RANGE SEE	N	et Each	MAY BE ASSORTED	
	WATTS	CHART BELOW	1-9	10-49	50-99	100 up
52 R 1	1/8	10 ohms to 22 meg	.24	.20	.16	.14
52 R 2	1/4	2.7 ohms to 22 meg	.13	.11	.07	.05
52 R 3	1/2	1 ohm to 22 meg	.12	.10	.08	.07
52 R 4	1	2.7 ohms to 22 meg	.18	.15	.09	.08
52 R 5	2	10 ohms to 22 meg	.24	.20	.15	.11

#### CHART OF AVAILABLE 10% RESISTORS AND ORDERING CODE

Ohms	Code	Ohms	Code	Ohms	Code	Ohms	Code	Ohms	Code	Ohms	Code	Megs	Code	
1.0	001	10	025	120	051	1500	077	18K	103	220K	129	2.2	153	
1.2	003	12	027	150	053	1800	079	22K	105	270K	131	2.7	155	
1.5	005	15	029	180	055	2200	081	27K	107	330K	133	3.3	157	
1.8	007	18	031	220	057	2700	083	33K	109	390K	135	3.9	159	
2.2	009	22	033	270	059	3300	085	39K	111	470K	137	4.7	161	
2.7	011	27	035	330	061	3900	087	47K	113	560K	139	5.6	163	
3.3	013	33	037	390	063	4700	089	56K	115	680K	141	6.8	165	
3.9	015	39	039	470	065	5600	091	68K	117	820K	143	8.2	167	
4.7	017	47	041	560	067	6800	093	82K	119	Megs	Code	10	169	
5.6	019	56	043	580	069	8200	095	100K	121	1.0	145	12	171	
6.8	021	68	045	B20	071	10K	097	120K	123	1.2	147	15	173	М
8.2	023	82	047	1000	073	12K	099	150K	125	1.5	149	18	175	
0.2	023	100	049	1200	075	15K	101	180K	127	1.8	151	22	177	-

#### 5% RESISTORS - SELECT FROM CHART BELOW

STOCK NO.	MATTO	RANGE SEE	N	let Each	MAY BE ASSORTED		
	WATTS	CHART BELOW	1-9	10-49	50-99	100 up	
52 R 7 52 R 8 52 R 9 53 R 1	1/4 1/2 1 2	2 7 ohms to 22 meg 1 ohm to 22 meg 2 7 ohms to 22 meg 10 ohms to 22 meg	.26 .24 .36 .48	.22 .20 .30 .40	.14 .12 .18 .24	.10 .09 .13 .19	

#### CHART OF AVAILABLE 5% RESISTORS AND ORDERING CODE

	Ohms	Code	Ohms	Code	0	ms	Code	Ohms	Code	Ohms	Code	Ohms	Code	Megs	Code
	1.0	001	11	026		20	051 052	1300 1500	076 077	15K 16K	101	180K 200K	127	2.0	152 153
	1.2	003	13	028		150	053	1600	078	18K	103	220K	129	2.4	154
	1.3	004	15	029		.60	054	1800	079	20K	104	240K	130	2.7	155
	1.5	005	16	038		200	055 056	2000	080	22K 24K	106	270K 300K	131	3.0	156
	1.8	007	20	032		220	057	2400	092	27K	107	330K	133	3.6	158
	.2.0	800	22	033		240	058	2700	083	30K	108	360K	134	3.9	159
	2.2	009	24	034		270	059	3000	084	33K	109	390K	135	4.3	160
	2.4	010	30	035		300	060	3300	085 086	36K	110	430K 470K	135	4.7 5.1	161
	3.0	012	33	037		360	062	3900	087	43K	112	510K	130	5.6	163
	3.3	013	36	038		190	063	4300	088	47K	113	560K	139	6.2	164
	3.6	014	39	039	10	430	064	4700	089	51K	114	620K	148	6.8	165
	3.9	015	43	040		470 510	065	5100 5600	090	56K	115	680K 750K	141	7.5	166
	4.7	017	51	042		560	067	6200	092	68K	117	820K	143	9.1	168
1	5.1	018	56	043		620	068	6800	093	75K	118	910K	144	10	169
	5.6	D19	62	044		680	069	7500	094	82K	119	Megs		11	170
	6.2	020	68	045		750	070	8200	095	91K	120	1.0	145	12	171
	6.8	021	75 82	046		320 910	071	9100 10K	095	100K	121	1.1	146	13	172
	7.03		02	047		710	012	101	031	110K	122	1.2	141	15	173
	8.2	023	91	048		000	073	11K	098	120K	123	1.3	148	16	174
	9.1	024	100	049		200	074	12K 13K	100	130K 150K	124	1.5	149	18	175
	***	023	110	030	ľ	200	073	1314	130	160K	126	1.8	151	22	177

MOST POPULAR KIT OF 100 CARBON RESISTORS

1/2 WATT \_\_ 10%

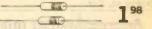


Designed especially for the serviceman, Here is a selection of 100 resistors of the most popular values used in general service work. All brand-new ½, wat 10%, full lead length resistors. Color coded. This is no random assortment. You get 3 each: 100, 470, 2200 ohms; 4 each: 1K, 4.7K, 22K, 27K, 33K, 47K, 15 meg. 27 meg, 2.2 meg; 5—10K; 10 each: 1 meg. 47 meg, 1 meg. blus 20 other popular values. Shpg. wt., 4 oz.

32 R 99047

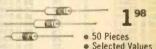
Net 2.98

#### 1/2 & 1 WATT CARBON RESISTOR ASSORTMENT



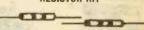
A value packed assortment of carbon resis-A value packed assertiment of Latious in tests tors. Kit of 100 resistors consists of 75 ½-watt and 25 1-watt resistors. Wide range of resistance value in varied tolerances. All have the standard RMA color code and normal length axial leads. Shpg. wt., 6 02. 32 R 60007 Net 1.98

#### 1 WATT CARRON RESISTOR KIT



Contains 2 each of the following selected values: 22 - 68 - 82 - 120 - 180 - 330 - 390 - 820 - 1500 - 2700 - 3000 - 4700 - 7500 - 8200 - 12K - 18K - 39K - 68K - 120K - 180K - 330K - 390K - 560K - 820K - 3.3 Meg. 32 R 60049 Shpg. wt., 5 oz ... Net 1.98

#### 1/4 WATT CARBON RESISTOR KIT



100 piece kit of 1/4 watt carbon resistors. Assortment of 33 selected values, Body size approx. 1/4" long x 3/2" dia. Ali +10% toler-ance. Shpg. wt., 3 oz.

32 R 60031

#### OHMITE OHM'S LAW CALCULATOR



Solves Ohm's Law problems with just one setting of the slide. Has parallel resistance computing scales. Covers range from 0.01 ohm to 100 megohms. Current scale in amperes and millamperes, Handy pocket size 9x3". Shpg. wt., 2 oz.

34 R 63023

Net .25



#### IRC RESIST-O-GUIDE

Pocket size guide, identifies resistance values and color code. Simply dial the colors or resistance values; corresponding data comes up automatically, MIL, EIA, and stand-ard values listed on reverse side:

33 R 45436 Shpg, wt., 2 oz. Net ea. .20

# **Power Resistors—Variable Transformers**



#### IRC PW-10 POWER RESISTORS

Watt wire wound resistors with axial leads, Rectangular ceramic body. 10% tolerance. Body size 1%" Long x %" square.

Stock No.	Ohms	Stock No.	Ohms	Stock No.	Ohms
33 R 46004	1	33 R 46202	300	33 R 46392	3300
33 R 46012	2	33 R 46210	350	33 R 46400	3500
33 H 46020	3	33 R 46228	400	33 R 46418	3900
33 R 46038	4	33 R 46236	500	33 R 46426	4000
33 R 46046	5	33 R 46244	600	33 R 46434	4500
33 R 46053	7.5	33 R 46251	700	33 R 46442	5000
33 R 46061	10	33 R 46269	750	33 R 46459	6000
33 R 46079	15	33 R 46277	800	33 R 46467	7000
33 R 46087	20	33 R 46285	820	33 R 46475	7500
33 R 46095	25	33 R 46293	900	33 R 46483	8000
33 R 46103	30	33 R 46301	1000	33 R 46491	8200
33 R 46111	40	33 R 46319	1200	33 R 46509	
33 R 46129	50	33 R 46327	1250	33 R 46517	9000
33 R 46137	75	33 R 46335	1500	33 R 46525	
33 R 46145	100	33 R 46343	1750	33 R 46533	
13 R 46152	120	33 R 46350	2000	33 R 46541	12.5K
33 R 46160	125	33 R 46368	2250	33 R 46558	
33 R 46178	150	33 R 46376	2500	33 R 46566	
3 R 46188	200	33 R 46384	3000	33 R 46574	25K
3 R 46194		THE PERSON NAMED IN	-		. 99
33 R 46194 Shipping wt.,	250				Net ea.

# MALLORY FIXED POWER RESISTORS

Finest quality wirewounds on ceramic cores with vitreous enamel covering. Give full wattage dissipation. Tolerance ±5% on all values above 10-ohms, other ±10%. All types have lug terminals and mounting feet, Lugs and leads are firmly embedded. Size: 1/4 dia. x 2" long. Shpg. wt., 4 oz.

#### TYPE 2.5HJ-25 WATT FIXED

Stock No.	Ohms	Net Ea.	Stock No.	Ohms	Net Ea.
30 R 53683	1	.75	30 R 53840	1000	.75
30 R 53691	2	.75	30 R 53857	1500	.78
30 R 53709	3	.75	30 R 53865	2000	.76
30 R 53717	5	.75	30 R 53873	2500	.78
30 R 53725	7.5	.75	30 R 53899	3500	.78
30 R 53733	10	.75	30 R 53915	5000	.78
30 R 53741	15	,75	30 R 53949	10K	.93
30 R 53758	25	.75	33 R 53956	12.5K	.98
30 R 53766	50	.75	30 R 53964	15K	.98
30 R 53782	100	.75	30 R 53972	20K	.98
30 R 53808	200	.75	30 R 53980	25K	1.03
30 R 53816	250	.75	30 R 54004	40K	1.03
30 R 53824	500	.75	30 R 54012	50K	1.29
30 R 53832	750	.75	30 R 54038	100K	1.67

Same fine quality and construction as the fixed types, but with an exposed section of winding to provide tapping-off of resistance values from 0 to the max.

value of the resistor. All with lug terminals, tolerance ±10%, each supplied with 2 mig. feet and one adjustable clip. Type 2AV %" dia. x 2" long, wt., 3 oz. Type 5AV %" dia. x 4" long, wt., 4 oz. Type 10AV %" dia. x 64'z long, wt., 7 oz.

#### TYPE 2AV-25 WATT ADJUSTABLE

Stock No.	Ohms	Net Ea.	Stock No.	Ohms	Net Ea
30 R 43148	1	1.34	30 R 43288	500	1,34
30 R 43155	3	1.34	30 R 43304	1000	1.34
30 R 43163	5	1.34	30 R 43320	1500	1.39
30 R 43171	10	1.34	30 R 43338	2000	1.39
30 R 43189	15	1.34	30 R 43346	2500	1.39
30 R 43197	25	1.34	30 R 43387	5000	1.39
30 R 43205	50	1.34	30 R 43395	6000	1.49
30 R 43221	100	1.34	30 R 43403	7500	1.49
O R 43239	150	1.34	30 R 43411	10K-	1.49
30 R 43247	200	1.34	30 R 43429	12K	1.55
30 R 43254	250	1.34	30 R 43437	15K	1,55
0 R 43262	300	1.34	30 R 43445	20K	1.55
30 R 43270	400	1.34	30 R 43452	25K	1.63

#### TYPE SAV-50 WATT ADJUSTABLE

30 R 43460	1	2.32	30 R 43585	500	1.81
30 R 43478	2	2.32	30 R 43601	1000	1.81
30 R 43486	- 5	2.32	30 R 43619	1500	1.86
30 R 43494	10	1.81	30 R 43635	2500	1.86
30 R 43502	25	1.81	30 R 43668	5000	1.86
30 R 43510	50	1.81	30 R 43684	10K	1.91
30 R 43528	75	1.81	30 R 43700	20K	2.01
30 R 43536	100	1.81	30 R 43718	25K	2.21
30 R 43551	200	1.81	30 R 43726	30K	2.21
30 R 43569	250	1.81	30 R 43742	50K	2.42
30 R 43577	400	1.81			

#### TYPE 10AV-100 WATT ADJUSTABLE

Stock No.	Net ea.	1000	se With	Stock No.	Het ea.	
Extra Fe	-			Extra Stiders		
30 R 44104	200	2.28	30 R 44310	50K	3.24	
30 R 44096	150	2.28	30 R 44278	25K	2.90	
30 R 44088	100	2.28	30 R 44252	15K	2.62	
30 R 44070	50	2.28	30 R 44245	10K	2.49	
30 R 44062	25	2.28	30 R 44203	3000	2.34	
30 R 44054	10	2.28	30 R 44187	2000	2.34	
30 R 44047	5	2.28	30 R 44161	1000	2.28	
30 R 44039	2	2.28	30 R 44153	750	2.28	
30 R 44021	1	2.28	30 R 44146	500	2.28	

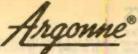
.18



Made of a single-layer winding and high grade toroidal core. Sliding brush taps transformer to permit selection of output voltage. Brush is always in contact with at least

one turn of wire. ‡Deluxe types have circuit bréaker, pilot light, banana jacks, on-off switch and 3 prong plug and receptacle. °Bench types are fused with pilot light & switch.

				Input	Outp	of high	the late of the second	10 11 12	Wgt.	-
Stock No.	Mtg.No.	Fig.	Volts	Hz	Volts	Amps.	Description	Size	Lbs.	Net
33 R 70343	171	F	120	50/60, 60	0-120, 0-132	1.75	For mounting in panels up to 1/4"	21% Dia. x 2% D.		12.00
33 R 70335	251	F	120	50/60, 60	0-120, 0-132	2.50	For Mounting in Panels up to 1/2"	21% Dia, x 31% D		13.00
33 R 70327	371	1	120	50/60.60	0-120, 0-140	3.75	For Mounting in Panels up to 1/2"	34 Sq. x 31/4 D.		18.00
33 R 70319	501	1	120	50/60	0-120, 0-140	5.00	For Mounting in Panels up to 1/2"	4 % x 3 % x 3 % D.		19.00
33 R 70301	1010	1	120	50/60	0-120, 0-140	10.00	For Mounting In Panels up to 1/2"	534 x 5 x 4% D.	101/4	25.00
33 R 70293X	1510	В	120	50/60	0-120, 0-140	15.00	For Mounting in Panels up to 1/2"	844 x 8 x 5144 D.	2034	48.00
33 R 70285	1020	1	240	50/60	0-240, 0-280	3,5	For Mounting in Panels up to 1/2"	534 x 5 x 43, D.	1034	30.00
33 R 70277X	1520	8	240	50/60	0-240, 0-280	9.5	For Mounting in Panels up to 1/2"	844 x 8 x 51/4 D.	20	48.00
33 R 70269	2PF171*	G	120	60	0-132	1.75	/ w/2 Cond., Cord., Plug & Socket	31/a Sq. x 21/2	3%	23.00
33 R 70251	2PF501*	H	120	50/60	0-120, 0-140	5.0	w/2 Cond., Cord., Plug & Socket	644 X 536 X 442	101/4	28.00
33 R 70244	3PN501*	H	120	50/60	0-120, 0-140	5.0	Bench   w/3Cond., Cord., Plug & Socket	644 x 536 x 41/2	934	30.00
33 R 70236	2PF1010*	C	120	50/60	0-120, 0-140-	10.0	Type   w/2 Cond., Cord., Plug & Socket	6% x 5 x 4%	1274	34.00
33 R 70226	3PN1010*	C	120	50/60	0-120, 0-140	10.0	w/3 Cond., Cord., Plug & Socket	6% x 5 x 4%	12	40.00
33 R 70210X	3PN1510*	D	120	50/60	0-140	15.0	w/3 Cond., Cord., Plug & Socket		22	62.00
33 R 70202W	EJ201V1	E	120	50/60	0-140	2.0 AC/DC	Deluxe Isolated Type w/0-140 V. Meter		191/2	85.00
33 R 70194W	EJ401Vt	A	120	50/60	0-140	4.0 AC/DC	Deluxe Isolated Type w/0-150 V. Meter	91/2 x 121% x 63%		110.00
33 R 70186WX	EJ901V±	A	120	50/60			Deluxe Isolated Type w/0-150 V. Metar		51	155.00



### The Quality Line of **Transistor Transformers**



- Nickel-Steel Laminations
- Mylar Outer Wrap
- Wound on Nylon Bobbins
- Color Coded Leads

Efficiently designed to meet the needs of miniaturization and engineered to provide excellent provide the new year of the news or ministurization and engineered to provide excellent power handling capacity and frequency response with min mum distortion. All are nickel-steel laminations. Applications under, "TYPE" shows typical use. UBC is unbalanced current, Many units may be used for other applications as well. Average net weight 144 oz.: average ships. Wt. 4 nz. MADE IN ILSA

	1	IMPED		nac.			
Stock Na. Arg. No.	Туре	Pri. Ohms	Sec.	Pri. Pow DC MA M.W.	Pri.	Ohms Sec.	Overall Size
33 R 85242 AR-141 33 R 85259 AR-142	Input	500,000	1,500 CT	.3 350	3600	60	1"x14"x14
33 R 85267 AR-143	Input	500,000 250,000	200 CT 200 CT	.3 350 .5 350	3500 3600	20	1"x % "x % 1"x % "x %
33 R 65275 AR-144	Input	200,000	1,500 CT	.5 350	3000	65	1"434"434
33 R 85283 AR-100 33 R 85291 AR-126	Input	200,000 150,000	1,000 1,500 CT	.5 100 2. 100	3850 3700	90 55	1"x 34"x 34 1"x 34"x 34
33 R 85309 AR-101	Input	100,000	3,000 CT	.5 100	3600	60	1"x %"x 34
33 R 85317 AR-145 33 R 85325 AR-102	Input	100,000	2,000 CT 1,500 CT	.5 350 .5 100	3000 3600	50	1"x %4 "x %4" 1"x %4 "x %4"
33 R 85333 AR-146	Input	100,600	50	.5 350	3000	1.6	1"x % "x %
33 R 85341 AR-127 33 R 85358 AR-128	Input	50,000	3,000 CT	1. 100	2000	50	1"x34"x34"
33 R 85366 AR-129	Input	50,000	1,500 CT	2. 100	3000 2500	50	1"x34"x34" 1"x34"x34"
33 R 85374 AR-148	Input	50.000	500 CT	1. 175	1300	20	34"x 36"x 36"
33 R 85382 AR-149 33 R 85390 AR-147	Input	50,000	200 CT	1. 175	1300	10	3/4"x56"x56"
33 R 85408 AR-150	Input	50,000	30 CT	1. 175 1. 175	1300 850	1.5	34"x56"x56"
33 R 85416 AR-103	Driver	20,000	2,000 CT	1. 100	400	50	1"x34"x34"
33 R 85424 AR-104 33 R 85432 AR-151	Driver	20,000	1,000 800 CT	1. 100 1.5 175	400	50 60	34 "x36"x36"
33 R 85440 AR-105	Driver	20,000	400	1. 100	600	30	1"x34"x34"
33 R 85457 AR-130 33 R 85465 AR-131	Output	20,000	8	.5 100	400	0.6	34 "x36"x 56
33 R 85010 AR-106	Output Driver	20.000 16.000	3.2 4.000	.5 100 1. 100	400 620	0.3 350	34 "x36"x36" 34 "x56"x36"
33 R 65026 AR-152	Driver	15.000	200 CT	1.5 175	550	10	34"x56"x56"
33 R 85036 AR-107 33 R 85044 AR-108	Driver Driver	15,000	3,000 CT	1.5 250	1000 200	100	1"x¾"x¾" ¾"x¾"x¾"
33 R 85051 AR-109	Driver	10.000	2,000 CT	1.5 100	500	50	% "x % "x %
33 R 85069 AR-157	Driver	10,000	200 CT	2. 175	400	10	34 "Y56 "X56"
33 R 85077 AR-110 33 R 85085 AR-132	Output	10,000	16	2. 150	600	2.5	34 "x 56 "x 56" 34 "x 56"x 56"
33 R 85093 AR-133	Output	10,000	3.2	1. 100	600	.6	34 "x 36 "x 36"
33 R 85101 AR-158 33 R 85119 AR-157	Input	5,000 CT	86,000	2. 175	350	1800	34"x56"x56"
33 R 85127 AR-156	Input	5,000	45,000	2. 175 2. 175	250 150	1600	34"x56"x56"
33 R 85135 AR-155	Input	5,000	10,000	2. 175	150	450	36"x 56"x 56"
33 R 85143 AR-154 33 R 85150 AR-173	Input Driver	5,000 CT 5,000	7,500 CT 3,000 CT	2, 175	200	400 90	1"x 34 "x 34"
33 R 85168 AR-111	Output	5,000	100	1. 100	600	10	34"x56"x56"
	Output Output	4,000 CT 4,000 CT	3,2	4. 250	150	.8	1"x34"x34"
	Output	3,500	200	4. 250 1. 150	150 120	25	1"x34"x34" 1"x34"x34"
	Driver	3,000 CT	1,000	9. 150	100	60	3/4"x56"x56"
	Output	2,500 2,000 CT	8,000 CT	10. 150	50	1.1	34"x56"x56"
33 R 85234 AR-116	Output	2,300	200	2. 150 4. 250	150	660 20	1"x44"x44"
	Driver	2,000	-1,500 CT	2. 350	150	60	1"234"x34"
33 R 85499 AR-136	Driver Output	1,500 1,000 CT	500 CT 100	4. 175 4. 250	100 120	20	34"E56"E56"
	Output	1,000 CT	8	4. 250	120	.9	1"x 34"x 34" 1"z 34"x 34"
an or access	Output Output	1,000 CT 300 CT	3.2	4. 250 5. 175	120	.3	1": 14": 14" 14": 156": 156"
33 R 85531 AR-162	Dutput	500 CT	500 CT	5. 350	18	18	1"x34"x34"
33 R 85549 AR-163	Output	500 CT	150 CT	5. 175	18	8	36"x56"x56"
33 R 85564 AR-118	Output	500 CT	50 16	5. 175 5. 100	18	1.5	34"x56"x56" 34"x56"x56"
33 R 85572 AR-164	Output	500 CT	8	5. 175	18	8.	34"x56"x56"
	Output Output	500 CT 400 CT	3.2	5. 100 5. 175	20	.3	36"x56"x56"
33 R 85606 AR-120 (	Output	400 CT	11	5. 175 1. 150	16 20	1.3	% "x 56"x 56" % "x 56" x 56"
33 R 85614 AR-167	Output	400 CT 8	or 3.2	5. 175	16	.6/.3	34"X36"X36"
	Output Output	300 CT	16 3.2	6. 175 6. 150	12	1.4	34"x56"x56" 34"x56"x56"
33 8 65648 AR-139 (	Output	250 CT	8	2. 250	15	.7	1"14"14"
	Dutput	250 CT	3.2	2. 150	- 11	.3	1"x34"x34"
33 R 85671 AR-124 (	Dutput	200 CT	2,000 CT 16	2. 150 2. 250	11 20	50	1"x34"x34" 34"x56"x56"
33 R 85689 AR-169 (	Output	200 CT 8	or 3.2	7. 175	9	.6/.3	34"x56"x56"
	Dutput	200 CT 160 CT 8	3.2 or 3.2	2. 100 8. 350	10	3	34"x56"x56" 1"x34"x34"
3 R 85713 AR-176 (	Output	125 CT	8	8. 350	. 4	.6/.3.	1"x34"x34"
	Output Output	125 CT 100 CT	3.2	8. 350	6	.3	1"x34"x34" 1"x34"x34"
3 R 85747 AR-172 (	Output			lo. 175 ls. 350	2.3	.6/.3	34"x56"x56" 1"x34"x34"
	nput	3		15. 250	14	50	%"X%"X%"
		1			_		

EACH

#### PRICE SCHEDINE QUANTITY BUYERS

Lots of 10 Assorted 2.75 Lots of 25 Assorted 2.50 Lots of 50 Assorted 2.35 Lots of 100 Assorted 2.20 WRITE FOR PRICES ON

LARGER QUANTITIES

Applies to all units on this page except 33 R 85762, 33 R 85770, 99 R 60287,



#### ARGONNE HI-FI TRANSISTOR TRANSFORMERS

Designed For Wide Range Transistor Audio Amplifiers

20-20,000 Hz + 0.25 DB

Completely encased transformers specifically designed for use in transistored, wide range, high fidelity audio amplifiers. Both driver nigh idelity audio amplifiers. Both driver and output have a frequency response of 20. 20,000 Hz ±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 11%x11%x134". Threaded mounting studs. Color coded leads. Shpg. wt., 6 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. 33 R 85762 (Argonne AR-500) Net 4.95

#### **OUTPUT TRANSFORMER**

Primary impedance, 25 ohms, DC resistance of primary is 4 ohms, of secondary, 0.8 ohms. Urbalanced primary current 50 ma DC. 33 R 85770 (Argonne AR-501) Net 4,95

#### LAFAYETTE 500-WATT VARIABLE VOLTAGE CONTROL



- Input—115 Volts a
- Output—0 to 130 Volts-Fused
  - Linear Output from "No-Load"

to "Full-Load"

Excellent Regulation—Smooth Control

Precision, toroidal-wound core delivers full. rated output from 0 to 130 voits. Voltage variation is negligible from "no-load" to "full-load". Continuous, smooth, well regulated from zero to above input line voltage. Suitable for many industrial and laboratory applications, class room demonstrations, light dimming, motor control, model railroading and other hobby fields. Measures 5½" overall. With 2-cond, outlet (fused at 5 amps.), on-off switch and 6-ft. 2-cond, cord, tabs for bench ar wail mounting. Spg. wt., 10 lbs. Imported.

99 R 60287 Replacement 5A fuse for above, (Pkg. 5 fuses) 13 R 10184



### **Stancor Transformers**

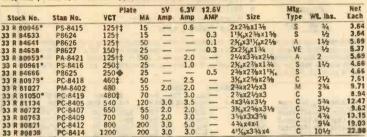
POWER TRANSFORMERS

All primaries 117 V 60 Hz. All 6.3V secondaries are C.T. except ° and PC-8414 which has extra 6.3V 3.0A, winding Types with ‡ are for selenium or silicon rectifier circuits or tubes such as 6AX5, 6X4, 6X5, etc. † Plate V. not center tapped. For half wave circuits. ◆ For full wave C.T. circuits.







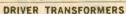


FILAMENT/CONTROL/RECTIFIER TRANSFORMERS

ser 187 with 50 50 Ms ac avanta which have a 117/107V and # which have 230V 50.60Mz

Stock No.	Stan. No.	Volts	Secondary 1 Amperes	Insul.	Mtg. Type	Shpg, Wt. In Lbs.	Net Each
33 R 80847	P-6133	2.5 CT	5.0	7,500	S	134	6.6
33 R 84674	P-8628	2.5 CT	0.3	1,500	- A	1/4	2.3
33 R 84682	P-8629	2.5 CT	1.0	1,500	A	1/4	2.3
33 R 80888	P-6467	5.0 CT	3.0	2,500	A	3	5.0
33 R 80490	P-6465	6.3 CT	.6	1,500	A	3/2	3.1
33 R 84690	P-8705#	6.3 CT	.6	1,500	A	1/4	3.1
33 R 80508	P-6134	6.3 CT	1.2	3.000	A	1/2	3.1
33 R 80516	P-8190	6.3	1.2	5,000	A	11/4	4.7
33 R 80557	P-6466	6.3 CT	3.0	2,500	A	11/2	4.6
33 R 80615	P-3064	6.3 CT	6.0	2,500	BV	23/4	8.5
33 R 80631	P-6456†	6.3 CT	6.0	2,000	A	2	7.3
33 R 80649	P-6464	6.3 CT	10.0	2,000	C	33/4	9.4
33 R 80664	P-6309†	6.3 CT	20.0	2,500	BV	73/4	13.8
33 R 80698	P-64581	10.0 CT	5.0	2,000	BV	3	9.1
33 R 81191	P-8130	12.6 CT	2.0	1,500	A	11/2	4.8
33 R 84708	P-8715#	12.6 CT	2.0	1,500	A	11/4	4.8
33 R 84716	P-8604	20.0 CT	1.0	1,500	Ä	11/4	4.0
33 R 81209	P-6469	25.2	1,0	1,500	Â	11/2	4.2
33 R 84724	P-8614	30.0	3.0	2,500	Ĉ	41/4	9.1





All type A mtg, 10,000 ohm primary, single plate to push-pull grids. Use between first audio and push-pull output. Ratio is pri, to ½ Sec. \* \*

Stock No.	Stan. No.	Max MA Pri. BC	Pri, Ohms	Ratio**	Size	Shpg. WL	Net Each
33 R 81217	A-4713	30	10,000	2:1	15/6x27/6x14/2	1/2	4.02
33 R 81225	A-4723	30	10,000	3:1	15/ax27/ax11/2	3/4	3.77

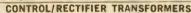


#### ISOLATION TRANSFORMERS

All have 1500V insul. † Pri. tapped for 125, 115 and 105V with 115V. Sec. \* 117. Pri. and tapped sec.

			Fire	Watts	Wt. Lbs.	Net Each
Stock No.	Stan. No.	Fig.	Size	MNCCZ	WI. LWS.	Mer Each
33 R 84807	P6413‡	A	14x24ax14	0.6	1/4	2,40
33 R 82413	P-64101	K	3%,x2'%,x2%"	50	33/4	11,51
33 R 82421	P-6415*	KC	536x41/2x53/4"	350	1834	38.20





Automation-type transformer designed for high speed automatic equip. Adapted to relays and pilot lamps. Two secondary windings permit series or parallel operation. Primary 115 or 230V 50-60 Mz.

			Se	condary				
Stock No.	Mfr. No.	Fig.	Parallel	Series	Size	Mtg. Ctr.	Wt. Lbs.	Net Ea.
33 R 82454	P-6377	BV	12V at 4A 12V at 8A	24V at 2A 24V at 4A	31/ax55/ax23/a" 31/2x27/ax3"	31/4" 21/4×21/4"	23/4	7.76
33 R 82462	P-6378	BV	12V at 16A	24V at 8A	41/ax33/ax31/5"	3x23/4"	53/4	22.32



#### MINIATURIZED CONTROL/RECTIFIER TRANSFORMERS Primary 230V., 50-60 Hz.; Secondary 24V. CT Except . Is 36V. CT.

								The second liverage of
Stock No.	Stan No.	Rms	Full-wave	Bridge	Mtg Type	Size	Wt.	Net Each
33 R 84732	P-8720	.085	.135DC	.065DC	A	21/8x11/4x11/4	1/4	3.38
33 R 84740	P-8722	.400	.550DC	_270DC	A	27/ax11/2x15/a	1/2	3,55
33 D 94767	0.0720 +	0.06	07500	DASDC	A	21/4×11/4×11/4	1/4	2.85



Stock No.	Stan, No.	Range of AV Volts	Max, D.C. Resistive	Output Lead Capacitive	Size	Wt.	Net Ea.
33 R 82306	RT-201	11.7 to 29.4 11.1 to 28.5	11.2V at 2.0A 23.0V at 1.25A	13.8V at 2.0A 30.0V at 1.25A	31/8×211/4×21/2	41/2	9.74
33 R 82322	RT-204	11.7 to 29.2 11.6 to 29.2	12.0V at 8.0A 24.0V at 4.0A	14.5 at 8.0A 32.4V at 4.0A	31%,x3%,x31/6	71/2	16.51





### **Transformers-Voltage Regulators**

#### STANCOR UNIVERSAL OUTPUT TRANSFORMERS

Match single or push pull plates to voice coil. All type A mtg.

Stock No.	Stan. No.	Primary	Wetts	Size, Inch	Wt.	Het Each
33 R 81256 33 R 81274 33 R 81282 32 R 81306	A3822 A3825 A3830	7-10K 1.5-4.5K 3-10K CT	4 8 20	136x236x136 2x336x156 236x356x246	1/2	3.50 4.25 6.10
33 R 81324 33 R 81332 23 R 81390	A3849 A3852 A3856 A3870	1.5-10K 4-14K CT 4-14K CT 4-14K CT	10 18 4	1%x2%x1½ 2%x2%x2 1%x2%x1 2x34xx2	36 136 36 136	5.35 7.12 4.54 6.91

#### STANCOR FIXED OUTPUT TRANSFORMERS

All are type A mtg. except \* is C. A3337 is type S mtg.

Stock No.	Stan. No.	Primary	Secondary	Watts	lis Mitg. Centers	Wt.	Net Each
33 R 81301	A2313	7,000	8	10	21364	134	3,87
33 R 81407	A3311°	10K CT	500/16/8/4	25	244x2	33/4	10.31
33 R 81415	A3327	25K		5	2	1/2	2.74
33 R 61423	A3328	4,000	3.5	3	134	1/2	2.24
33 R 81431	A3329	8,600	3.5	3	13/4	1/2	2.24
33 R 81449	A3332	2,000	3.2	3	136	1/2	2.65
33 R 81456	A3337	SIC	6-8	10	236	14/2	3,65
33 R 81472	A3801°	6,600 CT	500/250/15/8/4	35	24/2×2%	534	12,34
33 R 81480	A3831	10K CT	8/4/2	5	23/6	14	4,66
22 R 81498	A3857	25KC CT	Date :	É	2 70		3.52
23 E 81506	A3876	2.000	- 4		2	1/2	2.37
33 R 81514	A3877	5,000		3 1	2	1/2	
33 R 81522	A3878	7,000		3	2	1/2	2.37
23 R 81530	A3879	16,000	4	3	2	¥2	2.55
23 E 01540				3 1	Z	1/2	2.72
35 M 01344	A8093	10,000 CT	3-4	10	2%	34	3,67

#### STANCOR FILTER CHOKES

All rated 1500 V. ins. except ° is 3000 V. ■ 2500 V. All type A mtg. except ‡ are C and △

Stock No.	Sten. No.	Mys.	Ma	Ohm	s Size	Wt. Ubs.	Net
33 R 61597	C-1003	16.0	50	580	2x344x134	144	3,98
33 R 81605	C-1080	3.5	50	200	136x14/2x236	36	2.97
33 R 81621	C-1279	8.5	50	400	154x274x145	36	3.38
33 R 81639	C-1325	5.0	50	250	196x276x142	34	2.97
33 R 81654	C-1411°±	4.5	200	80	356x3x31/6	334	9.49
33 R 81696	C-1515	20	15	900	1%x2%x145	34	3.67
33 8 81704	C-1706	4.5	50	300	136x236x136	1/2	2.42
33 R 81712	C-1707	7.0	50	550	136x236x136	1/2	2,30
33 R 81736	C-1709	8.0	85	250	2x344x2	14/2	3.42
33 R 81829	C-2325	2.0	200	60	244x334x244	2"	3.96
33 R 81870	C-2343	.75	300	32	1%x2%x145	3/4	3.15
33 R 81486	C-2344	1.5	10	85	144x244x144	14	2.50
33 R 81919	C-2685A	035	2A	75	236x256x236	286	5.84

#### STANCOR LINE TO VOICE COIL TRANSFORMER

All are J type Mtg. except † 25V Type, ‡ 70.7V type § power steps in watts.

Stack No.	Ston, No.	impeda Pri	Sec.	Watts	Offs.	WL.	Net Each
33 R 80006	A8101 A8103‡	500 16/8/4/2/1/0.5§	6 0/2 0			2 3/2	

#### CONTROL/RECTIFIER TRANSFORMERS

Automation-type transformers designed for high speed automatic equipment. Primary 115 or 230V. 50-60Nz. Two secondary windings for series or parallel use.

	Stancer No.		Sec Parallel		Inches Sizes	Chrs.	WL Lbs.	Net Each
33 R 84765 33 R 84773 33 R 84781 33 R 84789	P-8616 P-8617	1	24V./.5A 24V./1.A 24V./2.A 24V./4.A	48V./1.A	236x215ct136 236x346x2 346x346x246 356x246x215c	2%" 21%;" 316" 214"	142	5.67 6.60 7.85 12.85

AIR CONDITIONER **AUTOTRANSFORMERS** 

STANCOR PSU3000. Especially designed for use with 1 to 2 ton home air conditioners having 1 to 2 HP. mo

tors. Converts 208 vott unit to 230 volts or 230 volt units to 208 volt. Size: 4 x 6 x 4½". Shpg. wt., 1214 lbs. 33 R #2066 Wt., 1214 lbs. Net Ea, 33.43

#### T.V. POWER TRANSFORMER

TYPE P-6356, Plate voltage 540 V.C.T. at 260 ma; filament windings 5 volt at 3 amps, 6.3 V at 8.8 amps, 117 V, 60 cycle AC input. Type C mtg. Size: 3%x3%x31/4"

33 R 82298 Wt., 61/2 lbs. Net 20.33

#### POLYPEDANCE MODULATION TRANSFORMERS

Fig. A. for transmitters to match class modulators to class C load impedance. Primaries and secondarys multi-tapped to match loads from 2,000 to 20,000 ohms. Type A-3933. Rated 60 watts, primary and secondary 180 ma. Size: 4x31/4x41/4".

33 R 82074 Wt., 714 lbs. Type A-3894, Rated 126 watts, with 125 ma. windings Size: 434x4x456° 33 R 62062 Wt., 10% lbs

#### MICROPHONE TRANSFORMERS

A-4350, Fig. Q. for mike or line to line. Dual primary 500 and 200 ohm sections. C-T. pri. imp. 500/333/125/50. Sec. 500/333/200/125/50. Mtg. Centers 21%.". Size: 2x3¼x1¾". 33 R 81993 Wt., 1¼ lbs. .. Net ea, 6.86

A-4351. Fig. TD. For Mike or line to single grid, Dual primary 500 and 200 ohm sections, Pri. Imp. 500/333/200/124/50. Sec. Imp. 89000. Turns ratio 1:13.3. Mfg. Ctrs. 246x142". Size: 21%x244x2%".

33 R 82017 Wt., 11/4 lbs. Net ea. 7.47 8-4705. Fig. A. For single button mike to single grid. Fri. Imp. 200/70. Sec. Imp. 80,000. Turns ratio 1:20 Mtg. center, 2". 33 R 82033 Wt., 1/2 Ib. Net ea. 4.59

ACME T8394M VARIABLE VOLTAGE **ADJUSTER** 

300 W. continuous duty variable transformer, Adjusted by rotary tap sw. 



23

33

#### AUTO 230 to Heavy di receptac



STEP DOWN TRANSFORM	MERS	-	
115V. All supplied			7
uty line Cord and le	built in	4	7

1642

tock No.	FIG.	Walkago	Primary	Secondary	WL BL.	Each
日 88097	A	. 20	230V	115V	13/4	5.95
R 00105	A	40	230V	115V	2	6.50
R 88113	A	60	230V	115V	21/4	7.50
R 68014	8	100	230V	115V	3	8.05
F 88022	В	150	230V	115V	41/4	9.63
R 88030	B	250	230V	115V	61/4	12.55
R 88048	8	350	230V	115V	81/4	13.83
R 88055	B	500	230V	115V	10%	17.23

Completely automatic voltage control for completely automatic voltage control for color IV or appliances rated up to 400 watts. Simple plug-in installation. Auto-matically shuts off when set or appliance is not in use. Eliminates picture flutter, shrinking. Drilliance loss, and other arob-lems caused by line voltage drops. Shpg. wt., 41/4 lbs.

PERMA-POWER

**AUTOMATIC VOLTAGE REGULATOR** 

32 R 40058 Net 14.95 Similar to above 300 watts 12 R 40025 Net 9.95



### **Transformers-Rectifiers**

#### POWER/ISOLATION TRANSFORMER

 Ideal For Amplifiers. Intercoms and Receivers



Here is a versatile power transformer that is ideal for experimenters, hobbyists and constructors. Primary 117 volts and secondary 105 voits no load—82 voits with 150 ma filament load. Literally hundreds of uses for this versatile unit. Minimizes the danger of shock by isolating circuits from the power line. Size: 21/4x2x11/2". Shpg. wt., 11/4 lbs. 33 R 75029 Net 2.49



#### UNIVERSAL POWER TRANSISTOR OUTPUT TRANSFORMER

 Designed For The Experimenter

 Pri. Tapped At 8-12-16-24-32 And 48 ohms

Rated 10 Watts

Engineered for construction projects using the increasingly popular power transistors. Will also serve as a general replacement for many transistorized auto radios. Rated at 



#### LINE-TO-VOICE COIL **TRANSFORMERS**

#### 25 VOLT, 16 WATT LINE-TO-VOICE COIL

May be used with either 8 or 16 ohm speakers, 8 ohm speakers have choice of 4, 8 or 16 watt taps. 16 ohm speakers use 2, 4, 8 or 16 watt taps, imported, Size: 234x21/4x2". Shpg. wt., 13/4 lbs. 99 R 63430

Net ea. 4.29 70.7 VOLT, 10 WATT LINE-TO-VOICE COIL

70 volt line-to-voice coli matching transformer. Primary tapped 10, 5, 2.5, 1.25 and 625 watts. Secondary tapped 5, 8 and 16 ohms. Size: 2x1½". Mtg. Centers 246". Imported, Shgg, wt., ¾ ib.
99 R 62846 Net 1.99

Lots of 3 Ea., 1.89, Lots of 6 Ea., 1.50



Most popular replacement power transformer for circuits using selenium rectifiers or rectifier tubes such as 6AX5, 6X4, 6X5. Primary is 117V 60 Hz A.C. Plate supply is 125 VAC 1/2 wave at 15 ma with 6.3V 0.6 amp filament winding. Size 2x23/x13/6"; mounting centers 2". Shpg. wt., 3/4 lb.

33 R 34059 Net 2.49



#### SUBMINIATURE TRANSISTOR AUDIO TRANSFORMERS

ONLY 1/2" x 1/2" x 1/2"

A new series of miniature transformers for transistor and experimental miniature circuits, ideal for miniature radio receivers, amplifiers, hearing aids, etc. using standard transistors, incorporate special heat-treated high permeability magnetic cores treated to resist corrosion. Designed for improved frequency response with low distortion. 3" color-coded leads. Average shpg. wt., 2 oz. imported

Stock No.	Type No.	Circuit	Impedance Pri. Ohms	Sec. Ohms	O.C. Resistance Pri Ohms	Sec. Ohms	Net
99 R 61251 99 R 61269 99 R 61277 99 R 60345 99 R 61293		INPUT DRIVER OUTPUT INPUT OUTPUT	100,000 10,000 500 C.T. 200,000 500 C.T.	1000 2000 C.T. 3.2 1000 8	1000 240 40 C.T. 1400 50 C.T.	1000 60 C.T. 0.7 50.5 1.7	.99 .99 .99

#### UNIVERSAL POWER TRANSISTOR OUTPUT TRANSFORMER



 Designed For High **Output Transistors** Used In Auto Radios PA Systems - In-

tercoms - Etc.

#### 6 WATT OUTPUT TRANSFORMER

Rated 6 watts. Frequency response 70 to 20,000 Hz ± 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\(\frac{1}{2}\text{k}\_1\)\(\frac{1}{2}\tex



#### INPUT TRANSFORMER

Rated 2 watts. Frequency response 70 to 20,000 Hz ±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%ex17ex1%e". Wt., 7 ez. 33 R 85796 Net 1.65

#### 24-VOLT FILAMENT TRANSFORMER



Primary 117-Volt, secondary 24 Volts at 1 amp. Mounting centers 244". Size 244x 17%x174", Imported. Shipping wt., 142 lbs. 99 R 62663

#### HIGH DENSITY SELENIUM RECTIFIERS



Replacements for radios, sets, Hi-Fi etc. 130 VAC input; 380 max. peak inverse volts. All have solder lugs. Avg. shpg. wt., 4 oz.

Stock No.	Ма	Net Each
33 R 45378	0-75	.59
33 R 45386	75-150	.75
33 R 45394	150-300	.92
33 R 45410	400-500	1,25
33 R 45345	750	1.86

#### TRANSISTOR OUTPUT TRANSFORMER

Only %x%x1%,". 2000 ohm primary to 10 ohm voice coil. Matches most transistor outputs. Shpg. wt. 3 oz. Imported. 79 Net

#### **MODULATION & AUDIO OUTPUT TRANSFORMER**

Subminiature 3/4x5/ax5/a"H. Center-tapped primary; 2 secondary—windings. Impedance; primary—8 ter-tapped primary; 2 secondary 500 ohms C.T., secondary — 8 ohms and 3K ohms. With sche-

matic. Shpg. wt., 3 oz. 99 R 61327 imported

Net .89

#### **OUTPUT TRANSFORMER**





Fig. B

#### SOLE OUTPUT

Fig. B. Matches 50L6, 35L6, 25L6, etc. to 3-4 ohm voice coil. Size: 1½x1¼x1¼x" with 134" mounting ctr. Shpg. wt., 5 oz. 33 R 37011 Net ea. .89

UNIVERSAL DUTPUTS

Fig. A. Match any single or push-pull output tubes to any voice coil. Shpg. wt., 34 ib. 33 R 75037 4-Watt Net ea. 2.54 33 R 75045 8-Watt Net ea. 3.06



#### 6.3 VOLT FILAMENT TRANSFORMER

39

Primary 115 VAC, Secondary 6.3V, at 1 amp. Size: 134x14/2x14/2" with 244" mounting ctg. Net ea. 1.39

SARKES TARZIAN SILICON



RECTIFIERS Shpg. wt., 2 oz. Stock No. Fig. Type Max Max. Input Net PIV VAC Ea. DC 400 130 .56

33 R 59098 A F-4 1 amp. 32 P 59106 A F-6 1 amp. 600 195 400 130 60 33 R 59056 B M-500 1 amp. .96



HOLDERS FOR TYPE M500

13 R 62045 Single Holder ea. .22 13 R 62052 Dual Holder



MINI-GATOR CLIP (A) "Cad, plated steel, †solid copper, Length 11/2", alligator jaws open %4". #20 or smaller wire. Avg. shog, wt., 2 oz.

Stock No.	No.	Each	Lets 10 Each	Lets of 100 Each
32 R 35009 32 R 35389	36.	.09	.00	.053

MICRO-SATOR CLIP (I) Smallest made affigator clip for use on P.C. boards, tiny terminals, and other crowded spots. "Cad. plated steel. †Solid copper. #20 or smaller wire. Avg., shpg. wt., 2 oz.

Stock No.	No.	Size	Open	Net Each	Lots 10 Each	Lots 100 Each
32¶ 35330 32 R 35340	34° 34C†	13 <sub>10</sub> "	1/22" 1/22"	.07	.05	.041

TEST CLIP WITH MESH TEETH (B) Pee-Wee clip for general test purposes. Cad. plated steel except °C is solid copper. Avg. shop, wt., 2 oz.

Steck No.	No.	Amp.	Size	Net Each	Lets 10	Lats 100 Each
32 R 35017 32 R 35025	45C*	5 10	142"	.10 .17	.07 .12	,058 .103

Jaws of both ends operate independently, Cad. plated steel 2" long, iaws open 45" Shog wt . 2 oz

No.	Each	Lots 10 ,	Lets 100 Each
22	.15	.10	.087
	22	22 .15	No. Each Each

						Lots
			Fits Clip	Net	Lets 10	100
Stock No.	Ins. No	Celor	Series	Each	Each	Each
32 R 35462	13	Red	11	- 28.	.60	.52
32 8 35470	13	Black	11	.86	.60	.52
32 R 35488	23	Red	21	A7	33	.28
32 R 35496	23	Black	21	.47	.33	.28
32 R 35504	26	Red	24A & 25	.29	.20	.172
32 R 35512	26	Black	24A & 25	.29	.20	.172
32 R 35520	29	Red	27	.19	.13	.115
32 R 35538	29	Black	27	.19	.13	.115
32 R 35546	32	Red	30	.05	.03	.029
32 R 35553	32	Black	30	.05	03	.029
32 R 35561	36	Red	34	.05	03	.079
32 R 35579	36	Black	34	.05	03	.029
32 R 35567	47	Red	45	.08	05	.045
32 R' 35595	47	Btack	45	.08	05	.045
32 R 35603	49	Red	48 & 50	.12	.09	.073
32 R 35611	49	Black	48 & 50	.12	.09	.073
32 R 35629	62	Red	60	.06	.04	,035
32 R 35637	62	Black	60	.06	.04	.035
32 R 35645	87	Red	85	.08	.05	.045
32 P. 35652	87	Riack	1 85	0.8	05	045

#### LAFAYETTE KIT OF 20 INSULATED ALLIGATOR CLIPS

Two kits of insulated alligator clips. Kit A consists of 20 large size clips, kit B consists of 20 small size clips, All have sturdy

nickel-plated jaws with strong spring and hard bite. Each kit contains 10 red and 10 black alligator clips, carded and bagged, imported.

20hK . Mf. ' @ Df.		
99 g 62358 Kit B (1	いって Net	1.19
		1.59
99 R 62366 Kit A (2	47 ) and the company of the same of the sa	1.23

#### KIT OF 10 JUMPER LEADS

10 handy 14" leads with miniature insu lated alligator clips attached to each end, Clips and leads color coded. 5 pairs each a different color, Ideal for serviceman or experimenter. Imported. 99 R 00572 Shpg. wt., 5 oz.

#### KIT OF HEAVY DUTY JUMPER LEADS

Kit of 5 jumper leads each 48" long with battery clip terminations. Clip insulators and leads are color coded for easy identification, Imported, Shpg. wt., 8 oz. 99 R 00564 Net ea. 1.49



CROCHOILE CLIPS (0)

\*Copper, others cad, plated, † Has standard phone tip to one jaw, Avg. shpg. wt., 2 oz.

Stock No.	No.	Size	Cent	Each	Lots 10 Each	Lets 100 Each
32 R 35140 32 R 35157 32 R 35165	85C* 85T†	21/6" 21/6" 296"	Screw Screw Tip	.12 .24 .31	.06 .17 .22	.072 .142 .164

ALLICATOR CLIPS (F)

\*Copper, others steel, All fit banana plugs, Avg. shpg. wt., 2 oz.

120/200		75.			Lofs 10 Lofs 100		
Stock No.	No.	Size	Open	Conn.	Each	Each	Each
32 R 35173 32 R 35181 32 R 35199	60C2. 602 00	2" 2" 2"	%" %" %"	Std. Screw Screw	.10 .12 .18	.07 .00 .13	.061 ,070 ,106

INSULATED ALLICATOR CLIPS (F) \*Copper, others cad. plated steel Size: 211/2"-screw connections. Avg. shog. wt., 2 oz.

Steck No.	No.	Color	Each	Lots 10 Each	Lots 100 Each
32 R 35421 32 R 35439 32 R 35447	GONS GONS	Red Black	.16	.12	,098 .098
32 R 35454	COCHZ.	Red Black	.22	.16	.134

BATTERY CLIPS STEEL AND COPPER (B)

"Are solid copper, all others are lead plated, Avg. shog, wt., 8 oz.

No.	Amp.	Size	Each	Each	Each
24A	25	23/9"	.29	.20	.174
21A	50	4"	.52	.36	.31
11A	100	6"	1.44	1.01	.86
25C	75	3"	.51	.36	.304
21C*	100	41/5"	1.34	.94	.80
11C*	200	6"	2.65	1.85	1.59
	24A 21A 11A 25C* 21C*	24A 25 21A 50 11A 100 25C° 75 21C° 100	24A 25 276" 21A 50 4" 11A 100 6" 28C° 75 3" 21C° 100 41/2"	No. Amp. Size Each  24A 25 276" .28  21A 50 4" .52  11A 100 6" 1.44  28C 75 3" .51  21C" 100 442" 1.34	24A 25 2½" .29 .29 21A 50 4" .52 .36 11A 100 6" 1.44 1.01 2\$C* 75 3" .51 .01 21C* 100 4½" 1.34 .94

3 SIDED MESH TEETH CLIPS All steel cadmium plated except " is solid copper, I has insulation piercing needle in jaw, Avg. shpg, wt., 3 oz.

Stock No.	No.	Amp.	Size	Each	Lets 10 Each	Lots 100 Each
32 R 35033 32 R 35041 32 R 35058 32 R 35116 32 R 35124	488 490° 590°‡ 27 270°	10 20 20 20 20 40	2" 2" 2¼" 2¾" 2¾"	.15 .22 .36 .10	.16 .15 .25 .12 .22	.005 .13 .213 .104 .187

FULLY INSULATED ALLICATOR CLIPS (K) "Copper, #Cad, plated steel, 21/a" long, shog, wt., 1 oz

Stock Ne.	No.	Celer	Each	Lets 10 Each	Lots 100 Each
32 R 35660	631	Red	.23	1.16	.136
32 R 35678	63†	Black	.23	.16	.136
32 R 35686	£3C*	Red	.27	.19	.162

#### INSULATED ALLICATOR TEST CLIPS WITH 6 FT LEAD

Handy for quick connections, Plated brass 99 R 62325 Black 10 fer 1.35



#### INSULATED ALLIGATOR CLIP

Sturdy nickel-plated brass laws with plastic insulated thumb rest and insulated barrel. Strong spring with hard bite. Solder hig connection. Overall length 242". Imported. 2 oz. Supplied in Red and Black Shpg. wt., 99 R 62192 Red Net ea. .12 10 for .79 99 R 6220e Black



#### FAHNESTOCK CLIPS

Brass clips that assure good electrical contact without Injury to wire. 36" wide except " which are 16". Packages of 10. Shpg. wt., 4 OZ.

Stack No.	Fig.	Lgth.	Max. Wire	Mtg. Male	Pkg. of 10
33 ft 71010 32 ft 76011 32 ft 64595 33 ft 71026*	C A B	1" 1%" 1%" 1%"	No. 10 No. 10 No. 10 No. 10	No. 8 No. 8 No. 6	.30 .32 1.16 1.30

### Sockets, Connectors, Test Adapters





BEAU PLUG CONNECTORS



Stock No.

34 R 20189

34 P 20239

Stock No.

34 R 20494

34 R 20510

34 R 20528





534

564

.828

288

.294

462

.552 .69

80 642 .75 1.04

1.19 954 1.49 1.194

No. of Net Each

.47 .372

80 .642

1.04 834

Contacts 1-24 25-49

1 73 1 386

SET OF 10 TRANSISTOR SOCKETS



only

Beauchaine Series 3300 plugs and sockets Beauchaine Series 3300 plugs and sockets are reliable, versatile connectors for chassis or cable use. The cable type have scuff-resistant, insulated backshells made of polypropylene plastic. (UL & CSA listed). Supplied complete with cable clamps. The recessed types have black wrinkle paint

over plated steel shell. All hardware is electroplated. Female contacts are cadmium plated phosphor bronze. Male contacts are cadmium plated brass. Contacts rated volt-age 750 V RMS and a current capacity of 10 amp. Average shpg. wt., 4 oz.

ENCLOSED SOCKET WITH CLAMP (FIG. B)

Mfg. No. 34 R 20163 S-3302-CCT

34 R 20197 S-3306-CCT 34 R 20205 S-3308-CCT

34 R 20221 S-3312-CCT 12

Mfg. No

S-3304-AB S-3306-AB

S-3308-AB

S-3310-AB

S-3312-AB

34 R 20460 S-3302-AB 34 R 20478 S-3303-AB

S-3304-CCT

S.3315-CCT 15 34 R 20239 5-3313-CCT 18

ANGLE BRACKET SOCKETS (FIG. D)

No. of Contacts 1-24 25-49

> 2 67 .552

transistors in-line or 4-pin types. Includes saddle mounts, Size: 36x44". 99 R 62614 Shpg. wt., 2 oz.

#### TRANSISTOR SOCKETS

a low Lafayette price. Ideal for experiment-

ers, hobbyists and kit builders. For 3-pin

Miniature transistor sockets of low loss mica filled phenolic. Contacts are of Beryllium copper, gold flashed over silver plate.



A		C	Max B
Stock No.	Fig.	Contacts	Net
32 R 42252 32 R 42161	AB	4 3	.11
32 R 42179 32 R 42278	B	Ring for Fig.	.12

#### LOW LOSS TRANSISTOR SOCKETS



Net 60 33 R 87289

INTEGRATED CIRCUIT SOCKETS

#### ENCLOSED PLUG WITH CLAMP (FIG. A)

			No. of	Net	Each
PEOCH	No.	Mfg. No.	Contacts	1-24	25.49
34 R	20015	P-3302-C	CT 2	.65	.516
34 R	20023	P-3303-C	CT 3	.68	.546
34 R	20031	P-3304-C	CT 4	.70	.558
34 R	20049	P-3306-C	CT 6	.78	.624
34 R	20056	P-3308-C	CT 8	.83	.666
34 R	20064	.P-3310-C	CT 10	.94	.75
34 R	20072	P-3312-C	CT 12	1.03	.822
34 R	20080	P-3315-C	CT 15	1.35	1.08
34 R	20098	P-3318-C	CT 18	1,59	1,272
0.01		DACKET	011100	ICIO	01

#### ANGLE BRACKET PLUGS (FIG. C)

Stock	No.	Mfg. No.	No. of Contacts	Net 1-24	Each 25-49
34 R	20312	P-3302-	AB 2	.29	.234
	20320			.35	.276
	20338	P-3304-		.35	.282
	20346	P-3308-		.51	.408
	20361	P-3310-		.58	.462
	20379			.65	.522
	20387	P-3315-/		.91	.726
-	20355		AD 10	1.10	.002

#### DEEP BRACKET PLUGS (FIG. E)

Stock No.	Mfg. No.	No. of Contacts	Net 1-24	Each 25-49
34 R 20619	P-3302-D	B 2	.72	.576
34 R 20627	P-3303-0	B 3	.74	.588
34 R 20635	P-3304-D	B 4	.75	.60
34 R 20643	P-3306-D	B 6	.84	.672
34 R 20650	P-3308-D	B 8	.91	.726
34 R 20676	P-3312-0	B 12 1	.10	.882
34 R 20684	P-3315-D	B 15 1	.34	1.074
34 R 20692	P-3318-D			1.29

#### **POMONA TEST ADAPTERS**

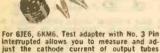




Ideal for in-circuit checking of voltage, re-sistance, audio and video from above chassis, † for use in sockets having captive shields.

30hk. ur. 3 r	or.			
Stock No.	Туре	Pins	Description	Each
	TVS-7	7	Miniature	1.85
33 R 57027	TVS-8	8	Octal	2.15
33 R 57035	TVS-9	9	Miniature	1.95
33 R 57076	1779	9	Novar	2.25
33 R 57118	2497	9	Magnoval	2.75
33 R 57126	2610	10	Decal	2,55
33 R 57084	1710	10	Miniature	2.95
33 R 57043	TVS-12	12	Compactron	2.55
33 R 57050	1447	+7	Miniature	1.95
33 R 57068	1449	†9	Miniature	2.15

#### HORIZONAL OUTPUT COLOR TEST ADAPTERS



without removing chassis. Shpg. wt., 3 oz. 33 R 57092 Net 3.75 For 6JS6, 6JM6, Similar to unit above, but with number 2 pin interrupted. Wt. 3 oz. 33 R 57100 Net 3.95

#### 15 34 R 20544 S-3318-AB 1.24 DEEP BRACKET SOCKETS (FIG. F)

Stock No.	Mfg. No.	No, o Contact		t Each 4 25-49
34 R 20767	S-3302-D	)B 2	.72	.576
34 R 20775	S-3303-E	B 3	.78	.624
34 R 20783	S-3304-D	B 4	.80	.636
34 R 20791	S-3306-E	B 6	.89	.714
34 R 20809	S-3308-E	B 8	1.01	.804
34 R 20825		B 12	1.27	1.014
34 R 20833	S-3315-D	B 15	1.51	1.206
34 R 20841	S-3318-D	B 18	1.76	1.41

#### COMPACTRON SOCKET



Mica filled 12 pin tube saddle type socket with four ground lugs, Shpg, wt., 2 oz. 33 R 87016 Net .33

#### **NOVAR SOCKET**



Nine Pin (Novar) Socket with bottom mount saddle plate. Shpg. wt., 2 oz. 33 R 87255 .. Net ea. .20

#### TV PICTURE TUBE SOCKETS

MOLDED: New all molded duo-decal socket for std. CRT's. Complete with back plate, contacts, hardware, Less leads.

18 R 27138 Shpg. wt., 4 oz. Same as above wired for electrostatic and magnetic tubes.

18 R 27153 Shpg. wt., 4 oz. 110° SYLVANIA CRT SOCKET. Wired for easy replacement with 18 inch leads.

18 R 27161 Shpg. wt., 5 oz. Net .99 110° RCA CRT SOCKET. Wired for easy replacement, with 18 inch leads.

18 R 27179 Shog, wt., 5 oz. Color CRT socket, for 70° color tubes, wired with 18" leads. Shpg. wt., 7 oz.

18 R 27203 Net 2.25 Color CRT socket for 90° color tubes will accept either RCA or Motorola tubes. Wired with 18" leads. Shpg. wt., 9 oz.

18 R 27195

For 14 and 16 pin in-line hybrid packages having .100"x.300" grid spacing. For round or flat pins. Phenolic body. Brass electroplated contacts. Shpg. wt., 2 oz.

Stock No.	Pins	Body	Net
32 R 65162	14	P.C.	.50
32 R 65170	16		.50



#### **NUVISTOR SOCKETS**

5 and 7 pin sockets for nuvis-tor tubes, "are general pur-pose bakelite, † is mica-filled bakelite. Shpg. wt., 2 oz.

33 R 87198 15 Pin 33 R 87206 \*7 Pin Net ea. .27 Net ea. .99

#### PRINTED CIRCUIT SOCKETS





MOLDED TYPE (A). All moided printed circuit socket. With mounting tabs for individual hole insertion.

dividual mole supersion.		
33 R 87164 7 Pin	Net	.16
33 R 87172 9 Pin	Net	.20
TOP MOUNTING TYPE (B).	Molded with	tabs
for top board mounting.		
33 R 87123 7 Pin		
33 R 87131-9 Pin	Net	.24

#### 33 R 87149 octal Net .48 TEST POINT ADAPTERS



FOR BLACK & WHITE TV Test socket adapter for black and white CRT's. Except 110°. in-circuit Permits checks from readily accessible lugs.

33 R 87248 Shpg. wt., 3 oz. .... Net 1.20 110° test adapter for 8 pin TV picture

33 R 57134 Shpg. wt., 3 oz. .... Net 2.95 110° test adapter for 7 pin TV picture 33 R 57142 Shpg. wt., 3 oz. .... Net 2.95

## **ROBINS Sockets and Connectors**

XIP AND XI CANNON AUDIO AND FLECTRONIC CONNECTORS



Dependable rugged construction. Features push-action Latch-Lock for locking mated fittings together securely, interchangeable and mates With Cannon XLR Connectors. Connectors have zinc alloy shell. phenotic insulator, and satin nickel finish. Ave Shoe wt. 5 az.

STRAIGHT CORP PLUCS AND SOCKETS

3-Socket

4-Socket

3-Pin

4-Pin

Contacts, Type Mount

3-Socket, Right Angle

4-Socket, Right Angle

#### PANEL AND WALL MOUNT RECEPTACLES

5	Stock No.	Mfr's. No.	Fig.	Contacts, Type Mount   Het Ea.
	33 R 29174	XI3-13	0	3-Societ, Wall or Panel 1.82
	33 R 29463	XL-3-14	E	3-Pin, Wall or Panel 1.15
	33 2 29208	XL-4-14	E	3-Pin, Wall or Panel 1.50
	33 R 29216	XL-3-13N	F	3-Socket, Panel 2.37
	33 R 29224	XL-3-14N	C	3-Pin, Panel
	33 R 25240	XL-3-31	H	3-Socilet, Wall 1.90
-	33 R 29257	XL-4-31	H	4-Socket, Wall 2.12
-	33 R 29265	XL-3-32	- 1	3-Pin, Wail or Panel 1.20
3	33 R 29471	XL-4-32	1	4-Pin, Wall or Panel 1.52
3	33 R 29281	XL-3-35	1	3-Socket, Wall, single gang 3.84
	33 R 29299	XL-3-36	1	3-Pin, Wall, single gang 3.73
4	33 R 29307	XL-4-36	1	4-Pin, Wall, single gang 4.23
5	33 R 29315	XL-3-35-2G	K	3-Socket, Wall, two gang 7.42
	22 8 20222	10.3 30 30	M	2 Die Matt tue seen B.40

#### KLP-4-12 KIP-4-15 33 8 29455 AMPHENOL RELAY SOCKETS

Mirte No.

XLP-3-11 XLP-4-11

XLP-3-12

OCTAL TYPE Rugged, melamine sockets with high insulation barriers with long creepage paths. Rated 5 amp. 1250V RMS. \*Has 4 molded-in threaded in-

Stack Ma

33 R 29059

33 R 29075 33 R 29083 33 R 29448

Stock No.

serts for tie points. 103-104 are top mounted. 203 is bottom mounted, Shpg. wt., 4 oz.

	Angle		4.50		29323
AMP	HEND	LOCT	AL SAI	DOLE	SOCKET
		15. St			

Met Fa

1.70

2.12

1 67

1 97

plate moided in black bakelite. Uses 1" mounting hole with 1% " centers. Shpg. wt., 3 oz. 32 R 20951 Not on 32



#### AMPHENOL "FLOATING" SOCKET

Type 77-MIPSFK, Octal Socket with live rub-Type 77-MIFEFR, OCIAI SOCRET WITH THE TRO-ber grommets fit into mtg, holes for vibra-tion-free operation. Mounts above er below chassis in 1½" dia. holes on 1½" centers, With hardware. Shpg. wt., 3 oz. 32 R 19029

#### AMPHENOL "MIP" SOCKETS



molde-in plate for 14/2" mounting centers. T type is mica-filled. 1%," mounting centers. T type is mica-filled. 1%," mounting hole except " 14/6" mtg. hole, 1%," mtg. ctrs. \$ 13/4" mtg. hole, † loctal socket, Avg. shpg. wt., 3 92.

Stock No.	Mfg. No.	Prongs	Net Each
32 R 20415	77-MIP-4	4	.24
32 R 20423	77-MIP-5	5	.27
32 R 20431	77-MIP-6	6	.21
32 B 29456	77-MIP-7S	75	.31
32 R 28464	77-MIP-8	8-	.26
32 R 20472	77-MIP-8T	В	.28
32 R 29480	88-8*	8	.29
32 R 2#498	88-8X*+	8	.44
32 R 20506	77-MIP-9	9	.30
32 R 19052	77-MIP-11	11	.31
32 R 20522	77-MIP-12	12	.36
82 P 29530	TT MID 204	20	30

Molded high dielectric black phenolic, with

#### AMPHENOL COAXIAL CONNECTORS



Mig. Type

146-103



**Net Each** 

1-49

1.64





Series 83 UMF coaxial connectors for all RF applications. All connectors single contact ex-

Stock	BOTE.	P-115	Military		Net
He.	No.	Fig.	Humber	Description	Eacl
32 R 19961	83-1AP	A	UG-646/U,M-359, 49192	Adapter, Right Angle	1.7
32 E 19987	83-1F	C	UG-363/U.P1-274, 491049	Adapter, Bulkhead	2.8
12 R 19995	83-1H	В	UG-106U.M: 360, 49193	Hood	.5
2 R 20019	83-1HP	8	UG-372/U	Hood	.54
12 R 20027	83-11	C	PL-258, 49191	Adapter, Straight	1.2
12 R 20035	83-1R	D	SO-239, 49194	Receptacle	,5
12 R 20043	83-1SP	E	PL-259, 49190	Piug	.61
12 R 20050	83-1 SPN	E	PL-259A, 49195	Plug (Mica-Filled Bake)	1.15
2 R 20068	83-17	E	M-358, 49199	Adapter, Tee	3.10
2 R 20076	83-2R	-	UG1057	Receptacle*	4.50
12 R 20084	83-21 SP	E	UG-358/U	Plug	
2 R 20100	83-22F	_	PL-275		5.57
2 R 20126	83-22R	-	UG-103/U.SO-264	Adapter, Strt. Bulk*	4.11
2 R 20159	83-58	A	M-359A, 49192A		1.3
2 @ 20167	83-168		UG-176/U	Adapter, Right Angle	2.41
Z R 20175	83-185	_	UG-175/U	Adapter, Reducing	20
2 R 20183	83-750	E	UG-111/U	Adapter, Reducing	.11
Z # 20191	83-756	Ē		Plug	1.12
2 8 20217	83-776		PL-259A, 49195	Plug (Teflon)	1.73
2 R 20225	83-786	E	UG-203/U, 49482	Plug	1.70
2 8 20233	83.798		00 2204	Hood and Gang Nut	1.00
2 8 20241		0	SO-239A	Receptacle	1.47
2 8 20258	83-821	E	DV 2004	Plug*	2.42
Z M ZUZSB	83-822	E	PL-259	Plug (Teflon)	.87

#### AMPHENOL TYPE BNC CONNECTORS

BRC SERIES. Compact "Quick-Connect-Dis-connect" single contact bayonet type lock-ing connectors. All are low vortage and wea-Receptacle springs are made of beryllium copper, All other metallic parts are silver plated brass. Shpg. wt., 2 oz. therproof, "Rexolite inserts Hieflon inserts.

Stock No.	Mfg. No.	Fig.	MIT. No.	Description	For RG Cable 1	let Each	
32 R 21181	31-003	A	UG-290/U	*Receptacle		.87	6
32 8 21199	31-203	A	UG290A/U	tReceptacle		.93	66
32 R 21207	5575	В	UGE25	*Receptacle	(8) W	.83	
32 R 21215	31-236	В	UG4258/U	†Receptacle		.06	
32 R 21223	31-102	В	UG657/U	*Receptacie		1.32	
32 R 21231	31-221	В	UG1094/U	†Receptacle		.74	110
32 R 21249	31-002	C	UGE8/U	tPlue	. 55U, 58U	.74	
32 R 21256	31-202	C	UG88C/U	†Plug	55U, 58U	.80	
32 R 21264	31-3202	C	UG48E/U	tPlug	55BU, 58CU, 223		- 8
32 R 21272	31-012	C	UG260U	*Plug	59U, 62U, 71U	.83	2

### AMPHENOL WIN. 7 & 9 PIN SOCKETS





Amphenol sockets for TV, FM, auto radios, etc. 187-series mounts on 56" chassis hole with 66" mtg. ctrs., 66" screw holes. 59-series mounts in 46" hole with 146" mtg. ctrs., 095" rivet holes. 6. 1295" rivet hole. # Black Bakelite. † Mica-filled bakelite. AVE., 3 0Z.

#### BOSTOM MOUNTING TYPE-FIG. (A)

Stock No.	Mfg. No.	No. of Cont.	Net Ea.
32 R 20767 32 R 20795	147-500‡	7	.38
32 R 20603	147-505† 59-409‡	9	.39
32 R 20611	59-410+	9	1.03

TOP MOUNTING TYPE-FIG. (B) Socket with tube shield base to fit shields

listed below.			
32 R 20629	147-9051	7	.46
32 R 20837	147-9131	7	46
32 R 20845	59-4031#	9	.72
32 R 20652	59-407†	9	.51
32 R 20860	59-406	9	53

#### TUBE SHIFLDS FIR (C)

For 7-Contact	Bases.		
32 R 20878 32 R 20886	5-401 5-402	136"	.21
For 9-Contact	Bases.	-	
32 R 20894 32 R 20902 32 R 20910	5-405 5-408 5-409	11½" 11¼," 236"	.21 .25

## **Amphenol Microphone and Audio Connectors**



- SINGLE CONTACT SERIES 75 PRESSURE TYPE -Polished chrome plated brass fittings with %"-27 thread. wt., 3 oz.

Stock No.	Type	Fig.	Description	Net Ea.
32 R 19060	75-MC1F	A	Cable plug	.70
32 R .19078		В	Cable jack Fits Above	.48
32 R 19086			Receptacle, open	.48
	75-CL-PC1M		Receptacle, shorting	.68
	75-MC1F-A		90° cable jack	1.48
32 R 19110			Phone plug Adapter	.68
32 R 19128			Min. Straight cable plug	.76
32 R 19136			Min. Cable jack Fits Above	.50
32 R 19144			Min. Locknut receptacle	.53

SERIES 80. SINGLE AND DOUBLE CONTACT TYPES For concentric lines, shielded mike cables, etc. Center contacts are pin and socket type. 'Single-contact type. †Double-contact type. Av. shpg. wt., 3 oz.

Stock No.	Туре	Fig.	Description	Net Ea.
32 R 19151	*80F		Female cable jack	.77
32 R 19169	*80C	H	Female chassis receptacle	.60
32 R 19177	*80M	- 1	Male cable plug	.76
32 R 19185	†80-MC2F	G	Female cable jack	.85
32 R 19193		H	Female chassis receptacle	.68
32 R 19201		1	Male cable plug	.80
32 R 19219		501	Female cable plug	.78
32 R 19227			Mate cable jack	.76
32 R 19235			Male receptacle	.61
	†80-MC2F1		Female cable plug	.85
	180-MC2M1		Male cable jack	.80
32 R 19268			Mate receptacle	.66

75-CCC1—Cap and chain, used for 75 cc. Chassis against dirt and dust. Shpg. wt., 3 oz. 1-49 ea. .47 75-CCC1-Cap and chain, used for 75 and 80 series seals open 50-99 ea. .40 Polarized microphone connectors for portable equipment. Strainrelieving clamps "3-contact type, 14-contact type, Shop, wt., 3 oz.

Stock No.	Type	Fig.	Description	Net Ea.
2 R 19284	*91-MC3F	1	Female cable jack	1.13
	*91-PC3F	K	Female chassis receptacle	.80
	*91-MC3M		Male cable plug	1.11
	191-MC4F		Female cable lack	1.17
	†91-PC4F		Female chassis receptacle	.76
	191-MC4M		Male cable plug	1.16
	*91-MC3F1		Female cable plug	1.18
	*91-MC3M		Male cable jack	1.06
	*91-PC3M		Male receptacle	.72
	†91-MC4F		Female cable plug	1.23
	191-MC4M		Male cable jack	1.11
	191-PC4M		Male receptacle	.73

"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. 4 oz.

Stock No.	Туре	Fig.	Description	Net Ea.
32 R 19409	*91-853		Male cable plug	1.89
32 R 19417	*91-854		Female cable plug	2.51
32 R 19425	*91-855		Male chassis receptacle	1.47
32 R 19433	*91-856	P	Female chassis receptacle	3.48
32 R 19441	191-857	M	Male cable plug	2.02
32 R 19458	191-858	N	Female cable plug	2.85
32 R 19466	191-859	0	Male chassis receptacle	1.59
32 R 19474	191-860	P	Female chassis receptacle	3.75

91.003 can and chain thed for the 91 series seals open chassis units against dirt and dust 32 R 19482

1.49 ea. .50 50-99 ea. .43

#### MINIATURE PLUGS AND SOCKETS







Usable with 91-MPM, 91-MPF and 78-PCG miniature connectors. Supplied with push-on retainer rings. Need 56" hole. Av. T Type is MICA filled. Shpg. wt., 3 oz.

Stock No.	Socket No. Type Contact	s Net Ea.
32 R 19631	78-S3S 3	.15
32 R 19649	78-S4S 4	.22
32 R 19656	78-555 5	.23
32 R 19664	78-S6S 6	.24

		Plug Type	No. Contacts	Net Ea.
32 R	19698	71-35	3	.16
32 R	19706	71-45	4	.19
32 R	19714	71-55	5	.20
32 R	19772	71-65	6	.24

#### LAFAYETTE MINIATURE MICROPHONE CONNECTORS





(A) Microphone plug for CB and Amateur (A) Microphone plug for CB and Amateur uses. Precision engineered and sturdily constructed. Plug takes any 4 conductor (or 3 conductor with shield) coiled cord or straight cable. Features threaded retaining ring for positive locking, integral cable retaining clamp elliminates shorts and open connections due to cable strain. Polarizing keyway insures easy, properly orientated fit. May be used for any low voltage plug-in circuitry applications. Imported. Sizes: 1441. Dia. Shpg. wt., 3 oz.

x1/2" Dia. 1 Net 1,49 (B) Microphone Chassis Socket. Mounts on equipment chassis or panel and mates with 99-62630 plug (shown above). Size 34x%,"
Dla. Requires 56" mounting hore. Imported. Shpg. wt., 3 oz. Net .89

### CABLE CONNECTORS

Shielded cap and rubber grommet-end open-ing. Consist of "S" type tube sockets and "CP" plugs with hoods. Avg. shpg. wt., 3 oz.

Stock No.	Female Type Cont.	Net Ea.
32 R 19730 32 R 19748 32 R 19755 32 R 19763 32 R 19771 32 R 19789 32 R 19789	78-PF4 4 78-PF5 5 78-PF6 6 78-PF75 75 78-PF8 8 78-PF9 9 78-PF11 11	.50 .52 .54 .56 .50 .53

Stock No.	Male Type	Cont.	Net Ea.
32 R 19805	86-PM4	4	.55
32 R 19813	86-PM5	5	.55
32 R 19821	86-PM6	6	.57
32 R 19839	86-PM75	75	.58
32 R 19847	86-PM8	8	.57
32 R 19854	86-PM9		.58
32 R 19862	86-PM11		.59
32 R 19870	86-PM12	12	.60

AMPHENOL TYPE 79-CC4 Cable-clamp used with above connectors to relieve strain on soldered connections. Wt., 2 oz.

Stock No.	No.	Net Ea.
32 R 19896	79-CC	4 .09
POPULAR	MIKE	CONNECTORS
(B)		
OF THE		(A)

Standard single contact, cord mounted nickel plated brass, knurt grips, 56"-27 thread. Shpg. wt., 3 oz. 32 R 64173 Female connector Fig. A Net .39 Fig. B Net .30

32 R 64181 Male connector

#### MINIATURE SHIELDED CONNECTORS







Molded bakelite cad, plated brass shells, for cables up to ¼" Diam. PCG series take ½" hole. Suffix "L" indicates long—1¾"; "S" indicates short—"¾". Shpg. wt., 3 02.

Fig. A — Male				
Stock No.	Type Cont.	Net Ea.		
32 R 19490	91-MPM3L 3	.42		
32 R 19508	91-MPM3S 3	.42		
32 R 19516	91-MPM4L 4	.47		
32 R 19524	91-MPM4S 4	.47		
32 R 19532	91-MPM5L 5	.49		
32 R 19540	91-MPM6L 6	.48		
	Fig. 8 Female	1000000		
32 R 19557	91-MPF3L 3	.51		
32 R 19565	91-MPF3S 3	.50		
32 R 19573	91-MPF4L 4	.55		
32 R 19581	91-MPF4S 4	.53		
Fig. C	Chassis Conne	ctors for Above		

			TO SHOW I
			Net Ea.
32 R 19599	78-PCG-3	3	.50
32 R 19607	78-PCG-4	4	.59
32 R 19615	78-PCG-5	5	.62
32 R 19623	78-PCG-6	6	.63

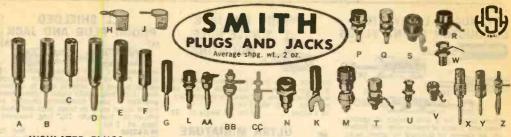


329 Switchcraft Microphone Volume Control Adapter. Reduce or increase volume at the mike. For high impedance circuits using shielded single conductor cable only

34 R 60078 Shpg. wt., 2 oz. ... Net 4.29 Amphenol Mike Switch. Attach between male and female of 75 series connectors. Push-to-talk with lock. Shpg. wt., 3 oz. Amphenol 75-MC1S

32 R 19946 Connector. Has 2 males and 1 female. 33 R 89012 Shpg. wt., 3 oz.

## Plugs — Jacks — Binding Posts



INSULATED F	
Fig. A. Insulated Tip F Solder type, 1" handle. 32 R 64645 Red	leg. Heavy duty.
32 P 64645 Ped	23/a" overail.
32 R 64652 Black	10 For 1.61
Fig. B. Insulated Solders handle. 2" length overall	ess Tip Plug. 1"
handle. 2" length overall	
32 R 64660 Red	Net Ea17
Fig C Inculated Chart Tin	Mine Calden Aves
1" handle, 11%4" overall 32 R 64686 Red	length.
32 R 64686 Red	Net Ea13
Fig. D. Insulated Banana	1 10 For 1.23
Internal set screw for sol	tering 1" handle
11%," length overall Phos	shorbroase
32 R 64702 Red 32 R 64710 Black	Net Ea30
FIR F Solderiese Insula	tad Ranana Dive
Spring type, 1" handle, 32 R 64728 Red 32 R 64736 Black	111/4" overall,
32 R 64728 Red	Net Ea. 25
Split type. 1" handle. 19	La overall.
Split type. 1" handle. 19 32 R 64744 Red	Net Ea20
THE PERSON NAMED IN COLUMN	20 101 1.30
Fig. G. Insulated Banana 1" handle, 134" overall.	Solder type
32 R 64769 Red	Net Ea25
Fig. H. Molded Meter Ban 32 R 64785 Red	ana Piug.
32 R 64785 Red. 32 R 64793 Black	10 For 3.80
Fig. J. Molded Meter Tip P 32 R 64801 Red	lug.
32 R 64801 Red	Net Ea30 10 For 2.85
Fig. K. Insulated Snade I	tig 2/4" handle
1%" length overall. 32 R 64827 Red	ag. 3/4 Handle.
32 R 64827 Red	Net Ea18
JE R O-655 Black	10 For 1.71

#### SMITH DUAL BANANA PLUG



No. 210 moulded polystyrene dual binding post with brass nickel plated plugs on 34" centers. Mates with standard binding posts, Polarity indicated on top and side.
Wire held by Internal set screw. May be stacked. Shpg. wt., 3 oz.

32 R 65048 Black Net .72 Net .72 32 R 65055 Red

#### SMITH TEST PRODS

Brass, nickel plated plugs mounted in 4" molded butyrate handles. Shpg. wt., 2 oz.

No. 302	Solderles	Test Prod	Туре	Net 20
32 R 65	071 Blac	:k		Net .30 Net .30

No. 317 Phono Needle Test Prod 32 R 65089 Red ... 32 R 65097 Black Net .33 Net .33

#### INSULATED JACKS

Fig. L. Phone Tip or Banana Plug. Mounts in
5/16" hole
32 R 64843 Red. Net Ea20
32 R 64850 Black 10 For 1.90
Fig. M. 5-way Binding Post. Takes phone
tips, banana plugs, spade lugs, alligator
32 R 64868 Red Net Ea45 32 R 64876 Black 10 For 4.27
32 K 048/6 Black
Fig. H. Nylon All Insulated Tip Jack, 1" over-
all. Mounts In 3/8" hote,
32 R 64884 Red Net Fa 20
32 R 64892 Black
Fig. P. Insulated Tip Jack. 11/4" overall
length Mounts in 5/16" hole
32 R 64900 Red Net Ea15 32 R 64918 Black 10 For 1.42
32 H 64918 Black 1 10 For 1.42
Fig. Q. Nylon Insulated Tip Jack. With nylon
washer. 1" overall length, Mounts in 5/16"
hole.
32 R 64926 Red Net Ea27
32 R 64934 Black
The state of the s
Fig. R. Insulated Banana Jack, 21/32" over-
all length. Mounts in 5/16" hole.
32 R 64942 Red Net Ea15 32 R 64959 Black 10 For 1.42
32 R 64939 Black 10 For 1.42
Fig. S. Instrument Banana Jack. 27/32" overs
all length. Mounts in 5/16" hole.
32 R 64967 Red   Net Fa 18
32 R 64967 Red Net Ea18 32 R 64975 Black 10 For 1.71
Fig. T. Nylon Insulated Banana Jack. With
nylon washer. Overall length 53/64". Mounts

#### SMITH "SPEEDI-MOUNT **JACKS**

in 5/16" hole. 32 R 64983 Red

32 R 64991 Black



Net Ea.

Unusual dished lockwasher permits fast assembly. Teeth embed into jack and panels, prevents pulling out and turning. Mounts in %" hole in panels up to %" thick. Shpg. wt. 2 02.

No. 279 Accepts Tip Jacks	
32 R 65105 Red	Net .08
	Net .08
No. 398 Accepts Banana Jacks	13792
32 R 65121 Red 32 R 65139 Black	Net .08
SE IT USASS BIACK	Net .08

#### LAFAYETTE KIT OF 10 5-WAY

BINDING POSTS • For Banana Plug

For Phone Tip Plug For Spade Lug

For Alligator Clip · For Strand of Wire

For panels  $\frac{1}{4}$ " to  $\frac{1}{4}$ " thick, Assortment of 10 pieces. 5 Red and 5 Black, Imported. Shpg. wt., 4 oz. 99 R 62333 Blnding Post Kit .. Net 1.09

#### METAL JACKS

Fig. U. Metal Tip Jack. Mou 32 R 64371	nts in 1/4" hole. Net ea15
Fig. V. Metal Banana Jack. hole.	Mounts in 1/4"
32 R 64389 10 for 1.35	
Fig. W. Metal Banana Jack hole.  32 R 64397	
10 for 1.35	p. Sr. 158" long.
10 for 1.35	100 For 12.50

10 101 2100
Non thou sees seed
NON-INSULATED PLUGS
Fig. Y. Solderless Phone Tip. Jr. 11/4" long.
32 R 64413 Net ea15 10 for 1.35 100 For 12.50
Fig. Z. Banana Plug. Spring type, 13/4" over-
all. 6-32 x 1/2" stud.
32 R 64421 Net ea25 10 for 2.37 100 For 22.00
Ele 44 0 Di 100 FBF 22.00
Fig. AA. Banana Plug. Spring type. Screw in
head. 1½," overall.
32 R 64439 Net ea25 10 for 2.37 100 For 22.00
Fig. BB. Banana Plug. Spring type, 11/4" over-
all. 6-31/8" stud.
32 R 64447
32 R 64447
Fig. CC. Banana Plug. Split type. 11/4" over-
all: 6-32 x 1/2" stud.
32 R 64454 Net ea17
10 for 1.61 100 For 15.30
1 100 FOI 13.30

#### **ULTRA MINIATURE** PLUG & JACK

Plug is 1%," overall, Pin Dia, 3;", Jack mounts on panels up to 3;", thick, Requires 3;" mig, hole, extends 13;" behind panel, 3 circuit jack can be used open or closed, Shpg, wt., 2 oz. imported.

99 R 63141

Net .30

#### LAFAYETTE **JUMBO** 5-WAY BINDING **POSTS**



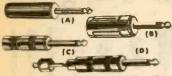
This versatile binding post is designed to accept spade lugs, phone tip lugs or wire which is held firmly in place by tightening down the head. Adequate room is allowed for connections with alligator plugs. Banana plugs will firmly seat in the top mounting hole. May be mounted in panels from ½," to ¼, "thickness. Sturdily made with non-removable head piece, imported. Shpg. wt., 2 oz.

2 oz. 99 R 61202 Black 99 R 61210 Red

Net .29

### LAFAYETTE Plugs And Jacks

#### STANDARD LAFAYETTE 2-CONDUCTOR PHONE PLUGS



Phone plugs for a wide variety of applica-tions with choice of handle sizes and materi-als. All sleeves fit standard 1/4" phone jacks. Avg. shpg. wt., 3 oz. FIG. A. SLIM PHONE PLUG Smooth bakelite handle. Solder terminals with cable clamp.

**Imported** 

99 R 62218 Net .30 ea. — 10 for 2.50 FIG. B. BARREL PHONE PLUG Ribbed plastic barrel handle. Screw terminals. Imported. 99 R 52234 Net .35 ea. — 10 for 2.49 Fig. C. SHIELD SLIM PLUG Ribbed chromed metal handle. Solder terminal with cable clamp. Imported.

Net .49 ea. -99 R 62150 - 10 for 4.19 FIG. D. PHONE TO PHONO PLUG ADAPTER. Adapts from standard phone plug to RCA type phono plug. Overall length 21/2 x1/2" diameter.

99 R 62164

#### STANDARD LAFAYETTE PHONE JACKS FOR 1/4" PLUGS

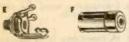
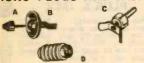


FIG. E. OPEN CIRCUIT JACK Standard open circuit phone jack, ¼" bushing, ½" long. Complete with mounting hardware. Imported. 99 R62135 Net .30 ea. —5 for 1.29 FIG. E. CLOSED CIRCUIT JACK Same as above

but closed-circuit phone jack. Imported. 99 R 62226 Net .30 ea. — 5 for 1.29 FIG. F. EXTENSION CABLE JACK Fit standard 1/4" phone plug. Screw terminals. Barrel plastic handle matches Barrel plug above.

Imported. Shpg. wt., 3 oz. 99 R 62143 Net .39 ea. — 3 for .99

#### PHONO PLUGS AND JACKS



(A) Single Prong Shielded Plug-RCA type, used extensively for mike, phono, etc. Shpg. wt., 3 oz. 32 R 64579

32 R 64579 10 for .56 singly, ea. .07
(B) Phone Jack — Accepts RCA type phono
plug. Mounts in rear of panel. Shpg. wt.,

32 R 64587 10 for .79 singly, ea. .09 (C) Finger grip plug — Phone plug with linger grip. Wt., 2 oz. 32 R 7813.

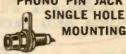
10 for .90 singly, ea. (D) Feed Thru - Accepts male phono plug at both ends. Shpg. wt., 3 oz. 32 R 52012

### LAFAYETTE FLAT PHONE



Two conductor all metal phone plug for standard ¼" jack, body only ¾" thick. Shielding crimps to body, center lead to solder terminal, imported, Shpg, wt.,

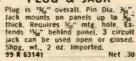
99 R 62788 Net ea. .45 PHONO PIN JACK SINGLE HOLE



RCA type female input jack, Mounts securely in single ¼" hole by means of locknut on jack. Screws, nuts and washers unnecessary. Imported. Shpg. wt., 3 oz.

99 R 62341 4 for .88 Singly ea. .25

#### **ULTRA MINIATURE** PLUG & JACK

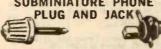


#### SUB-MINIATURE PLUG ADAPTER Provides Extra Earphone

Jack for Transistor Radios

A sub-miniature combination plug and jack designed for most transistor radios with earphone jacks. Just plug it in and you have 2 Jacks for earphones, speakers, etc.—can be used in instruments provided with 1/6" earphone jack, Overall size: 21/4x11/4x

34"D. Shpg. wt., 2 oz. Imported. Net .79 SUBMINIATURE PHONE



Sub-miniature "phone plug" and Jack. Only 1" long x ¼" diameter, overall. Pin Dia. ½". Excellent lor transistor and subminiature applications. Plug has removable sleeve, Jack can be mounted on panel up to 1/4" thick. Jack can be used for both open and closed circuits, Imported, 3 oz.

99 R 62101 Plug

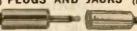
#### PHONE PLUG TO PHONO JACK ADAPTER



Brass, nickel-plated adapter. Has standard phone jack on one end to take regular phone plug, and RCA-type phono plug on other end. Has threaded bushing with nut and washer so can be panel mounted if desired, Imported, Shpg. wt., 3 oz.

Net 740

99 R 62309 HEAVY SHIELDED PHONE (A) PLUGS AND JACKS (B)



(A) Sturdy, heavy brass, nickel-plated phone plugs with screw terminal connections. Threaded insulated cable outlet may be removed for larger cables to pass through. Body dia, 34" Pin Dia, 14", overall length 314". Shpg. wt., 3 oz. Imported. 98 R 62231 Plug ... Net ea, 64 10 for 5.50

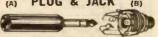
(8) Matching in-line phone Jack, same con-struction as plug. Overall length 2". Imported, 99 R 62283 Jack ....... Net ea, ,59 10 for 5.30

#### ALL SHIELDED PHONO PLUG AND JACK

(A) Removable Shell for easy soldering of wires. Positive ground connection through unique ground lug reduces hum to a minimum. Extra long handle makes removal from amplifier a snap. Completely shielded in bright nickel plate on brass body and shell. Fits all RCA type jacks. 1¾" long, Imported.

Shpg. wt., 2 oz. (B) Extension Cable Jack for use with above or any other type phono plug. Imported. Shpg. wt., 2 oz.

#### 3 CONDUCTOR PHONE PLUG & JACK (B)



(A) 3 Conductor Phone Plug 1/4" Dia, Black Bakelite Handle, Solder lugs, Imported, 99 R 61194 Shog. wt., 2 oz. (B) 3 Conductor Phone Jack, Open Circuit.

99 R 61186 Shpg. wt., 2 oz.

#### 3-CONDUCTOR PLUG AND JACK SET

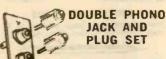


A finely built 3-conductor plug and jack A thely burn 3-conductor plug and jack set. Uniquely made so that jack can be used as normally open although one circuit may be used as normally closed. Heavy gauge construction. Plug 13/m overall. Jack mounts in 3/m hole in panels up to 3/m thick. Pin Dia 3/m. Imported. Shpg, wt., 2 oz. Net .69

#### KIT OF 10 COLOR CODED PHONO PLUGS



Kit contains 10 RCA-type phono plugs in assorted colors—Black, Red, Yellow, Blue, and White. Plastic shell with finger grip. Plugs are semi-solderless type—need only spot solder at tip. Fit standard RCA type phono jacks. Imported. Shpg. wt., 3 oz. 99 R 63273 Net .99



Set consists of two male plugs and a dual female socket. Excellent for such dual signal applications as stereo equipment. Sturdy solder contacts are used

throughout construction. Shpg. wt., 3 oz.

Depend on Lafayette For Complete Stocks, Lowest Prices, Fastest Service

### Plugs — Jacks — Connectors



#### SWITCHCRAFT 3 CONDUCTOR FLAT PHONE PLUGS

1/4" flat phone plugs with removable 14" flat phone plugs with removable plastic cap for easy connection of wire leads. Ideal for use where space is limited. Tip rods are 1\%" long. All metallic parts are of nickel plated brass. All plugs have screw type terminals except #238 which is solder type. Shpg. wt.,

Stock No.	Mfr. No.	Fig.	Color	Net Each
34 R 60391	230	A	Black	1.02
34 R 60409	S-230	A	Black	1.29
34 R 60417	235	A	Red	1.02
34 R 60425	238	B	Metal	1.08

#### SWITCHCRAFT "LITTEL PLUGS" AND JACKS



JACK SCHEMATICS						
1	.111					
0~						
II V	IV					

"LITTEL-PLUGS" PHONE PLEGS—Compact quality plugs. Fits standard 4" phone jacks except " with .206 diam. sleeve and † with short sleeve for Revere recorders. In plastic handle or with brass nickel plated shells for shielding. Solder terminal has built-in cable clamp. Handle 1"4" long. 12" diam. Av. shpg. wt., 3 oz.

Stock No.	Туре	Fig.	Cond.	Handle	Terminals	Net
34 R 60128	240	A	2	Black	Screw	_
34 R 60136	245	A	2	Red	Screw	.57
34 R 60144	250	A	2	Black	Solder	.57
34 R 60151	S-250°	A	2	Black	Solder	.54
34 R 60169	255	A	2	Red	Solder	.57
34 R 60177	260	A	3	Black	Screw	.54
34 R 60185	267	A	3	Black	Solder	
34 R 60193	280	В	2	Metal	Solder	.81
34 R 60201	S-280*	В	2	Metal	Solder	.78
34 R 60219	R-280†	В	2	Metal	Solder	,99
34 R 60227	297	В	3	Metal	Solder	,33

"LITTEL-JAX" PHONE JACKS (Fig. C) Accept standard 44" phono plugs, except " with .210" J.D. sleeve and † mates with 480 Mil type "Littel-Plug." Abbrs. SCC—single closed ckt; OC—open ckt. 34" dia., 11½" overall; 44" dia. threaded shank, ½;" long. Av. shpg. wt 2 02

Stock No.	Туре	Schematic Cond.	CKT.	Jan Type	Net
34R 60235	11	1 2	OC	10 1-1	.33
34 R 60243	C-11	2	OC	JJ-034	.48
34 R 60250	S-11*	1 2	OC	33:004	.36
34 R 60268	12A	11 2	SCC		.36
34 R 60276	C-12A	1 2	SCC	11-089	.57
34 R 60284	12B	111 3	OC	33-003	.42
34 R 60292	C-12B	†     3	OC	JJ-033	.57
34 R 60300	120	IV 2	000	*******	.3/

"TINI-PLUGS" SUBMINIATURE PHONE PLUGS, 2-conductor phone plugs for use with "Tini-Jax." Only 134" in length, in plastic or metal shielded handles, Pin Dia, 1/6". Shpg. wt., 2 oz.

Stock No.	Туре	Fig.	Handle	Terminals	Net
34 R 60318 34 R 60326 34 R 60334 34 R 60342 34 R 60359 34 R 60367	740 745 750 755 770 780	A A A B	Black Red Black Red Metal Metal	Screw Screw Solder Solder Screw Solder	.57 .57 .54 .54 .78

"TINI-JAX" SUBMINIATURE PHONE JACKS (Fig. D) 2-conductor lacks for "Tini-Plugs." Only 3/12" long. Abbrs.: OC—open Ckt.; CC—closed

Out. Wa. 211hR. M	Lig Z OZ.			
Stock No.	Туре	Schematic	CKT.	Net
34 R 60375 34 R 60383	41 42A	1	OC CC	.33

"TINI-EXTENSION JAX" (Fig. E) An extension or cable jack to mate with "Tini-Plugs". Two conductor with metal housing for ruggedness and electrical shielding. Solder jux terminals. Shop at 2 conductors with the property of the property of

Bird Cicciitcai	ameranig.	Solder Ing	terminais.	anug, wt.,	Z OZ.
Stock No.	Type	Fig.	Cond.	Terminals	Ne
34 R 60458	125	E	2	Solder	.90

#### SWITCHCRAFT PILIGS AND JACKS



PJ-055B 11-026 MIL TYPE PLUGS AND EXTENSION JACK

All meet industrial and military requirements. Plugs are made to MIL-P-642A Specs. The extension Jack type 820 meets MIL-J-641A MIL-7-642A Specs. The extension Jack type 820 meets MIL-7-641A specs. Best quality material and workmanship assure positive in-ternal interlock, Parts will not shift in oosition. Black plastic handle, Extension Jack fits type 430 "Littel-Plug". All have screw terminals. Av. shpg. wt., 2 oz.

Stock No.	Type	Cond.	Old S.C. No.	Jan. Type	Net Each
34 R 60066	430	2 2 3 2	PL-55	PJ-054B	,90
34 R 60094	440		PL-55	PJ-055B	,90
34 R 60102	480		PL-68	PJ-068	2.16
34 R 60110	820		JK-26	JJ-026	1.26

#### SWITCHCRAFT "MICRO PLUGS AND JAX"

(A) A miniaturized 2-conductor plug for use with cables (A) A miniaturized 2-conductor plug for use with capies of up to ½" O.D. Nylon insulation is used between tip and sleeve. Pin Dia. ½," Shg. wt., 2 oz. (B) Ultra-minlaturized jack is designed for above plugs. Features solder lugs and positive tip spring grip.

34 R 60433 (A) Black handle (No. 850)

34 R 60441 (A) Red handle (No. 855) 34 R 60490 (A) Natural Al. handle (No. 880) 34 R 60508 (B) Jax (No. TR-2A) Shpg. wt., 2 oz.

#### SWITCHCRAFT "THICK PANEL IAX"

A long bushing allows mounting in panels of up to 114" in thickness with a 15/32" diameter hole. Features shielding and solder terminals. No. 151 is 2-conductor and mates with 240, 245, 250, 255, 270, and 280 plugs. No. 1528 is 3-conductor and mates with 260, 267, 269, and 297 plugs. Shpg. wt., 3 oz.

Stock No.	Description	Net
34 R 60474 34 R 60482	Switchcraft No. 151 Switchcraft No. 1528	.99

#### SWITCHCRAFT STERED "LITTEL-IAX"

A three conductor jack specially designed for switching out speakers when connecting steree headphones. Rec-ommended for such stereo applications as record players and multiplex tuners. Dual, normally-closed switch contacts, open both stereo circuits independently when a three conductor plug is inserted. Mounts in single 3/2" diameter hole, Shpg. wt., 2 oz. 34 R 60466 Switchcraft No. 14B



Net .51

Not .51 Not

#### LAFAYETTE STEREO PHONE JACK

For Insertion of standard 1/4" Dia, three conductor plug. Will switch out speakers and allow operation of only headphones or exten-sion speakers. Many uses, Imported. Shpg. wt. 2 mz. 99 R 62739

Net ea .59

**EURDPEAN AUDIO CONNECTORS** 

EURDPEAN AUDIO CONNECTORS
Made to European DIN engineering specs.
Fully shielded In plastic snap-on shells.
Will mate with sockets on Noreico, Grundig.
Telefunken, Oher, etc. Imported.
3 PIN AUDIO PLUG—Fig. A
34 R 3102 Shgg. wt., 2 oz. Net .99
5 PIN AUDIO PLUG—Fig. C
34 R 31020 Shgg. wt., 2 oz. Net .99
5 PIN AUDIO PLUG—Fig. C
34 R 31038 Shgg. wt., 2 oz. Net .99

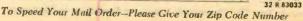
### TELEX MINIATURE PHONE PLUG AND JACK

Precision made plugs and jacks. Plug is 1½," long (overall), body is 1/4" diameter, prod is 1/8" Dia. Jack can be mounted on any panel up to 1/8". Shpg. wt., 2 oz.

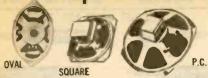
32 R 83017 PM-01 Plug Net .93 TELEX No. JMP-01 Jack (Closed Circuit) 32 R 83025 TELEX No. JMP-02 Jack (Open Circuit) Net .50







## Replacement Speakers and Baffles



#### LAFAYETTE ECONOMY-LINE PM SPEAKER

Top quality replacement speakers. Selected for universal application rugged construction-standard configurations. All have 3.2 ohm voice colls. Made in U.S.A. except 99 Series are imported.

Stock No.	Size	Shape	Mag. Wt.	Peak Watts	Shpg. Wt.	Net Ea.
99 R 62685	4"	Square	.50 02.	3.0	1/2	1.49
99 R 62697	5"	P.C.	.68 oz.	4.0	3/4	1.79
32 R 01092	5x7"	Oval	1.0 oz.	5.0	1	2.69
32 R 01076	6x9"	Oval	1.47 oz.	7.0	11/2	3.19
32 R 01043	6x9"	Oval	2.15 oz.	8.0	11/4	3,69



#### **EXACT REPLACEMENT MINIATURE SPEAKERS**

Quality Ainico PM speakers for replacement in transistor portable sets, ideal for the experimenter. \* have mtg. holes on 2" centers; † on 1\( \frac{1}{2} \) centers; OHMS is Voice coil impedance. Dimensions given

Stock No.	Fig.	Diam.	Depth	Ohms	Wt.	Net
99 R 50352†	A	11/2"	13/4"	10	5 oz.	.99
99 R 60360	C	2"	13/10	8	3 oz.	.99
99 R 60378	C	244"	17/10	8	3 oz.	.99
99 R 60972*	В	23/2"	11/4"	10	5 oz.	.99
99 R 60329	E	3"	13/14"	8	3 oz.	.99

#### MICROGAP PM SPEAKERS



Features famous MICROGAP precision in centering of voice coil, giving increased and uniform sensitivity. All heavily cadmium plated rust proof construction. All with alnico V magnets, All voice coils 3-4 ohms except 12" is 8 ohms. † With provisions for mounting transformer.

		Program	1		Shpg.	
Stock No.	Size-Shape	Power Watts	Mag. (	Dz Fie	Wt.	Net Ea.
						2.34
32 R 49141	5x3 OVAL	4	.55	D	3/4	
32 R 49018	31/2" SQUARE	3	.68	A	3/2	2.31
32 R 49026†	4" SQUARE	5	1.2	A	1/2	2,70
32 R 49034	4x6 OVAL	5	1.2	D	3/4	3.25
32 R 49042†	5" P.C.	5.5	1.2	В	3/4	2.99
32 R 49455	6" P.C.	6	.68	- 8	1	. 3.15
32 R 49471†	6" P.C.	5.5	10	В	134	4.41
32 R 49067	6x9 OVAL	10	3.16	D	134	5,42
32 R 49463	8" P.C.	8	1.47	В	11/2	3.81
32 R 43075†	8" ROUND	10	3.16	C	134	5.75
32 R 49083†	12" ROUND	14	6.8	C	53/4	8,75

#### LITAH TAPE RECORDER SPEAKER

5x3" oval. Rated 4 watts Program 3.2 ohm voice coll. 32 R 49141 Shpg. wt., 36 lb.

#### **UTAH INTERCOM SPEAKERS**

High sensitivity, especially designed for "talk-back" circuits. Ideal for selective paging systems. Use as speaker and microphone. All 45 ohm voice coil impedance.

Stock No.	Size-Shape	Mag. Wt.	Peak Watts	Fig.	0.D.	Bopth	號	Net
32 R 49125 32 R 49133	31/2" SQUARE 4 " SQUARE	.68 .68		A	31%;" 4 %;"	1%a 1%a	3/2	3.15 3.02

### LAFAYETTE SPEAKERS FOR CAR RADIOS AND TAPE PLAYERS

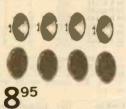
SET OF 2 UNDER-DASH 3x5" MATCHING SPEAKER SYSTEMS

2-3x5" wide-range ceramic speakers mounted in plastic housings will mount under dash, under seats, on kick panels, doors, or rear package shelf. Includes all necessary cables and mounting hardware. Imported. Imp., 8 ohms. Shpg. wt., 2½ lbs. 99 R 62994 Net 6.95



#### CUSTOM IN-DOOR SET OF 4 SPEAKERS

Get that full, rich stereo sound from your car tape player. Ready for quick installation. Improves the sound and performance of any car tape player. Kit includes: Four 4¾" extended range 8-ohm PM speakers; four round custom mount plastic speaker grills; all necessary hookup wire with solderless connectors; mounting hardware and easy-to follow instructions. Imported, 8 ohms. Wt., 31/2 lbs. Net 8.95



#### SET OF 2 DELUXE REAR DECK MATCHING SPEAKER SYSTEMS

Set of two powerful 4" speakers mounted in handsome ebony plastic cabinets with silver trim. Specially designed to mount on car's rear deck. Can also be surface mounted any where. Provides outstanding sound reproduc-Includes all necessary cables mounting hardware, Imported. Imp., 8 ohms. 39 R 62986 Shpg. wt., 3 lbs. ....... Net 9.95



#### MODERN SPEAKER BAFFLES 205 CORNER BAFFLES AS B

Net 2.34

AS LOW

Well built plywood speaker baffles for indoor public address and paging systems, intercoms, extension speakers, etc. Friese-design grille extension speakers, etc. Friese-design grifle cloth, modern walnut finish. Baffle for 5" speaker is 7%" square; Depth at top 4%".

Depth at bottom 2½". For 8" speaker Is 9" square; Depth at top 64%".

at bottom 4". For 12" speaker, 13" square; Depth at top 61/4", at bottom 44".

Stock No.	Description	Wt. Ibs.	Singly Each	Lots of 3 Each
20 R 13068	For 5" or 6"	13/2	3,59	3.23
20 R 13076	For 8"	136	3.95	3.55
20 R 13084	For 12"	3	5.69	5.19

Frames constructed of plywood, front panels of acoustically correct particle board. Locked corners for maximum strength. Attractive recessed front, beautiful walnut wood-grain fabric covering. Complete with speaker mounting hardware.

Stock No.	Utah No.	Fig	For Spitr.	Size HxWx0"	Wt.	Net
20 R 48122	SS8-W	A	8"	14x15½x846	41/6	9.39
20 R 48148	CS8-W	B	8"	9½x9½x6¼	2	6.30
20 R 48155	CS12-W	B	12"	13½x13½x8¾	33/4	8.25

### Auto-Speaker Kits — Auto Speakers — Accessories







#### PAIR OF TRUSONIC DIE-CAST STEREO HI-FI SPEAKERS



#### REAR SPEAKER KITS FOR AUTO RADIOS

Complete kits for adding second speaker in rear of your car. Switch-controlled kits include a P.M. speaker, 3-position selector switch for cutting in front, rear, or both speakers; dial plate with mounting bracket, knob and hardware; chrome grille, wire and wiring instructions. Fades controlled kits are identical except in place of switch a fades.

is supplied which controls volume of both is supplied which controls volume of both speakers simultaneously, gradually reducing volume on one while increasing volume on the other. Kits for transistorized auto radios have speakers with multi-impedance voice coils to match 40, 20, 8-10 phms or less; work with all sets, transistorized or tube. Simple to install.

identical except	in place of	switten, a rader	Stitible ff	instan,		1
STOCK NO.	SPEAKER	MAC. OZ.	CONTROL	RADIO TYPE	SHPG. WT. LBS	. NET
32 R 22098	5x7	.68	Switch	Tube	13/4	3.99
32 R 22072	6x9	.68	Switch	Tube	13/4	4.39
32 R 22114	6x9	2.15	Fader	Tube	11/4	5.29
32 R 22023	6x9	1.47	Fader	Trans.	2	5.69
32 R 22031	6"†	1.47	Fader	Trans.	11/4	4.79
4 This bit for !	metalistica L	autor with co	once batwon	s coate in coa	. No orillo cu	hallad

sonic Engineers have developed these fine 

LAFAYETTE DELUXE

AUTO STEREO SYSTEM

#### REPLACEMENT AUTO PM SPEAKERS

All have multi-impedance voice coils to match all transistor sets. Will match 40, 20, 8 ohms or less. Slimline design.

STOCK NO.	SIZE-SHAPE	V.C. IMP.	PEAK	MAG. OZS.	SHPG. WT.	NET
32 R 22049	6x9" Oval	Multi-ohm	7	1.47	1½	3.99
32 R 22148	6x9" Oval	Multi-ohm	12	5.0	2¼	5.49
32 R 22056	6" round	Multi-ohm	7	1.47	1	3.59
32 R 22155	4x10" Oval	Multi-ohm	7	2.15	1½	4.29



OVAL



**DUAL HI-FI REAR-SEAT SPEAKER KIT** 

Wocfer-Tweeter-Crossover

32 R 49331 Shpg. wt., 2 lbs.

**UTAH AUTO SPEAKERS** 

A complete line of speakers of replacement for all types of auto sets including the new transistorized sets. Voice coll impedances where shown as "10/20/40" are 40 ohm tapped useable for either impedance and are specially designed for transistor sets. # indicates shallow type,

STOCK NO.	SIZE-SHAPE	V.C. IMP.	MAG. OZ.	SHPG. WT.	NET
32 R 49166 32 R 49174 32 R 49182 32 R 49190 #	5x 7 0val 4x10 0val 6x 9 0val 6x 9 0val	10/20/40 10/20/40 10/20/40 10/20/40	1.47 2.15 1.47 2.15	1 14/2 14/2 14/2	4.25 5.16 4.65 4.89
DELUXE SPI	EAKER GRILLE	S		CUST	OM 2-



ROUND

### **CUSTOM 2-WAY**

REAR SEAT SPEAKER KIT



raised chrome bead and luxurious black and chrome medallion, dress up speaker installations. With chrome bolts, nuts. 5 x 7" Deluxe Grille 32 R 57029 Wt. 6 oz. Net 2.29 6 x 9" Deluxe Grille 32 R 57003 Wt., 6 oz. SPEAKER GRILLES Net 2.59

Handsome perforated metal grilles for rear-seat speaker use or other installations. Avg.

32 R 34077 6x9"

Dress up original equipment or accessory speaker instal-lations with a contemporary styled two-toned slotted speaker grille. Molded high impact black cycolac with

Subf	. WL.,		GRILL	FC		
	34010 34028	5x7"				1.09
32 R	GRA 34069		Nan-Re	flecting	g) Ne	t .98

This two-way 6x9" auto speaker was specially designed to satisfy the demand for the finer tone quality available from modern FM car tone quality available from modern FM car radios and tape players. Now you can enjoy full quality reception in the rear seat of your car. It has a co-axially mounted 3" tweeter for high frequencies, and matches 8, 10, 20, or 40 ohm outputs for universal use. 6-02 ceramic magnet with power handling capacity of 10 watts. Complete with black deluxe moulded grille, fader control, hardware, wire, and illustrated instructions. 32 R 49539 Shpg. wt., 31/4 lbs. ... Net 11.95

LAFAYETTE "VARY-MOUNT" SPEAKER FOR CAR RADIOS AND TAPE PLAYERS

Multi-impedance voice coil, 10, 20 or 40 ohm, for all transistor and tube sets. "Universal" speaker tit includes two Alnico V units—a 5" woofer and 3" tweeter with electronic crossover network, fader control, chrome grille and baffle which fits regular 6x9" cut-out; plus pre-wired, pre-soldered, 3-position switch.



REAR SEAT SPEAKER CONTROLS



Controls come completely mounted on black ivory pointer with silver metal plate knob plus attached wiring for connections to both speakers. With mounting hardware and instructions, Imported, Shpg. wt., 3 oz.

FADER TYPE (Fig. A)
Controls the volume of both front and rear
speakers. Gradually reduces the volume on
one while increasing volume on the other. Net Ea. 89 32 R 22585 SWITCH TYPE (Fig. A)

Gives choice of front speaker alone, rear speaker alone, or both together.

PUSH-BUTTON TYPE (Fig. B) Just push a button to select front speaker alone, rear speaker alone, or both together. 32 R 22569

Deluxe flush-mounting speaker with beautiful chrome grill. Ideal for use as an auto speakerr or anywhere shallow depth is required.

Full range speaker has heavy magnet and
offers outstanding sound quality. Can also
be used as a ceiling or wall mount speaker in your home. Imp., 8 ohms. Overall dia.: 61/4", Imported. Wt., 13/4 lbs. 99 R 01794 Net 3.95

Net 14.95

### **Mallory Controls**

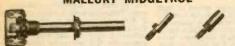
#### EXPLANATION OF MALLORY TAPERS

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



Carbon element Midgetrols are rated 1 watt linear or ½ watt audio, Size ½ dia, with 23½ long x ¼ dia, round shafts. Shaft can be easily cut to any required length. Supplied with two shafts and knob adaptors for knuried and push-on-knobs, one Palnut and instruction sheet, Shpg. wt., 4 oz.

Stock	Mig.			Stock	Mfg.		
No.	No.	8hms	Tpr.	No.	No.		Tpr.
33 R 11107	U-1	100	<b>E416</b>	33 R 11370	U-36	75K	1
33 R 11115	U-2	500	4	33 R 11386	U-39	100K	1
33 R 11511	U-52R	500	2	33 R 11396	U-40	100K	2
33 R 11123	11-751R	750	2	33 R 11404	U-41	100K	4
33 R 11131	11-3	1K	2 2 2	33 B 11412	U-415	125K	4
33 8 11149	U-4	1K	4			March .	
33 R 11156	U-5	1500	2	33 R 11420	U-42	150K	1
33 R 11164	U-5L	1500	4	33 R 11438	U-43	200K	4
33 R 11172		2K	4	33 R 11446	U-44	250K	1 2
33 R 11180	U-7	2500	2	33 R 11453	U-45	250K	2
33 R 11198		3K	4	33 R 11461	U-46	250K	4
33 K 11130						Contract of	
33 R 11206	11-9	3K	2	33 R 11479	U-48	500K	1
33 R 11214		5K	1	33 R 11487	U-50	500K	4
33 R 11222		5K	4	33 R 11495	6-51	750K	1
33 R 11230		10K	1 1	33 R 11503	U-52	1 Meg.	2
33 8 11248		10K	2		1		1
				h	LO Y	Terr	
33 R 11255	U-20	10K	4	33 R 11529	U-53	1 Meg.	1
33 R 11263	U-21	15K	1	33 R 11537	U-54	1 Meg.	4
33 R 11271	U-22	15K	2	33 R 11545	U-155	1.5 Meg.	4
33 R 11289	U-24	20K	1	33 R 11552	U-55	2 Meg.	1
33 R 11297	U-26	20K	4	33 R 11560	U-56	2 Meg.	4
							1 .
33 R 11305	U-28	25K	2	33 R 11578	U-255	2.5 Meg.	
33 R 11313	U-28A	25K	1	337 41586		3 Meg.	1
33 8 11321		25K	4	33 R 11594	U-59	3 Meg.	4 2
33 R 11339	U-30	30K	4	33 R 11602		5 Meg.	12
33 R 11347		50K	1	33 R 11610	U-65	5 Meg.	1
		1	1				
33 R 11354		50K	2	33 R 11628		5 Meg.	4
33 R 11362	U-35	50K	4	33 R 11636	U-82	10 Meg.	4
Management of the last of the	*	_	_	_			

Singly Ea. 1.02

#### SINGLE TAPPED MIDGETROLS

Chag wet 4 az

Mig.	Otens	Tap	Stock No.	Mfg. No.	Ohms	Tap
HT.153	15K	10K	33 P 11743	UT-438	1 Meg.	300K
			33 9 11750	UT-443	1 Meg.	450K
			33 R 11768	UT-450	2 Meg.	125K
UT-421	250K		33 8 11776	UT-448	2 Meg.	250H
UT-425	350K	70K	33 R 11784	UT-454	2 Meg.	400H
UT-429	500K	50K	33 R 11792	UT-449	2 Meg.	6001
		100K	33 8 11800	UT-451	2 Meg.	900#
		150K	23 9 11818	UT-457	3 Meg.	900
UT-431	500K	225K	33 R 11826	UT-461	3.25 M.	300#
	Wn. UT-153 UT-415 UT-420 UT-421 UT-425 UT-429 UT-427 UT-430 UT-431	Wo. Others UT-153 15K UT-415 30K UT-421 250K UT-422 350K UT-425 350K UT-429 500K UT-427 500K UT-430 500K UT-431 500K	## Bland   Bla	Bin   Bhms   Af   Sleck No.	No.   00mm   At   Stock No.   No.	No.   Ohms   Ad   Shock No.   No.   Ohms

Any of above

Singly ea. Net 1.26

Singly ea. 1.26

#### DOUBLE TAPPED MIDGETROLS

Shog. Wt., 4 oz.

Stock No.	Mrg. No.	Resistances	Tap Rès Tap 1	Tap 2
33 k 11834 33 k 11842 33 R 11859 33 R 11867 33 R 11875 33 R 11883	UDT-289 UDT-291 UDT-295 UDT-296 UDT-303	500K 1 Meg. 1.5 Meg. 2.25 Meg. 2.25 Meg. 3.3 Meg.	100K 250K 225K 250K 500K 300K	200K 500K 500K 500K 1 Meg. 1,5 Meg.

Any of above 264 Lafavette Cat. No. 720

#### SU INSULATED SHAFT MIDGETROLS FOR TV



136" dia, carbon controls with 14" dia. fixed knurled and slotted phenolic shafts. Shaft protrudes 14" beyond bushing. Linear taper, With hex nut. Shog, wt., 3 oz.

Stock No.	Mfg. Ho.	Otano	Stock Ho.	Hery, No.	Ohms
3 R 12089	SU-6	1500	33 R 12154	SU-46	250K
3 R 12097		3K	33 R 12162	SU-50	500K
3 R 12105	SU-14	5K	33 R 12170	SU-54	1 Meg.
3 R 12113	SU-20	10K	33 R 12188	SU-56	2 Meg.
3 R 12121	SU-29	25K	33 R 12196	SU-565	2.5 Meg.
3 R 12139	SU-35	50K	33 R 12204	SU-59	3 Meg.
3 R 12147		100K	33 R 12212	SU-67	5 Meg.
	1000		33 R 12220	SU-69	7.5 Meg.

Any of the above

Singly ea. .93

#### ATTACHABLE MIDGETROL SWITCHES



Midgetrol types U, UT and UDT—"with dummy ter-minal t with built-in switch/circuit breaker, breaks at 2.5 amps, resets by turning to "off" position. ST types rated 6 amps/125V. DT types rated 3 amps/ 125V. Shpg. wt., 3 oz.

Stock No.	Mfg. No.	Description	1-24	25-49
33 R 11891	US-26	S.P.S.T.	.42	.38
33 R 14804	USB-29	S.P.S.T.†	.90	-
33 R 11909	US-267	S.P.S.T.	.51	.46
33 R 11917	US-27	D.P.S.T.	.51	.46
33 R 11925	US-28	S.P.D.T.	.51	.46

#### **EXTENSION SHAFTS**

DS-37

DS-36 Extension Shaft 21% long x 1/4" dia. For tubular shaft Mid and 2-watt wire-wound controls. Shpg. wt., 3 az. 33 R 11933(DS-36)

DS-37  $\%_a$ " diameter shaft. For use with round-shaft Midgetrols to accommodate knobs requiring  $\%_a$ " shaft. Shog. wt., 3 oz. 33 R 11941(DS-37)

#### PUSH-PULL CONTROLS

Carbon element controls with a Push-Pull type SPST switch permanently attached. Switch rated 6 amps/125V. UL listed, Rated 1 watt linear or ½ watt audio. Size ½"," dia. with 2" long x ¼" dia. shaft. No assortment for quantity prices. Shpg. wt., 3 0z.

Mat Tach

					Caci
Stock No.	Mfg. No.	Ohms	Taper	1-24	25-49
33 R 12808	PP-13R	16	1	1.35	1.22
33 R 14820	PP-2528	2.5K		1.35	1.22
33 R 14838	PP-253R	25K	1 1	1.35	1.22
33 R 14846	PP-15L	100K	4	1.35	1.22
33 R 12816	PP-15A	100K	i	1.35	1,22
33 R 12824	PP-25L	200K	4	1.35	1.22
33 R 12832	PP-254A	250K	1	1.35	1.22
33 R 12840	PP-55A	500K	i	1.35	1.22
33 R 12857	PP-55L	500K	14	1.35	1.22
33 R 12865	PP-16A	1 Meg.	1	1.35	1.22
33 8 12073	PP-16L	1 Meg.	1 4	1.35	1.22
33 R 12881	PP-155L	1.5 Meg.	4	1.35	1.22
33 R 12899	PP-26A	2 Meg.	11	1.35	1.22
33 R 14853	PP-36L	3 Meg.	11	1.35	1.22
33 R 12907		5 Meg.	4	1.35	1.22
			-		
	APPED TYP	122	_		1 Each
Stock No.	Ohms	Tapped @	Taper	1-24	25-49

T	PES		Net	Each	
Stock No.	0hms	Tapped @	Taper	1-24	25-49
33 R 12915 33 R 12923 33 R 12931	250K 500K 500K	100K-150K 200K 78K-168K	4 4 4	1.59 1.59 1,59	1.43 1.43 1.43
33 R 12949 33 R 12956 33 R 12964	500K 1 Meg. 1 Meg.	250K 500K 100K	1 2 1	1.59 1.59 1.59	1,43 1,43 1,43
33 R 12972 33 R 12980 33 R 12998		200K 250K-500K 500K-1 Meg.	2 4 1	1.59 1.59 1.59	1.43 1.43 1.43
33 R 13012 33 R 13020 33 R 13038	3 Meg.	1 Meg. 1 Meg2 Meg 2 Meg.	4 4 4	1.59 1.59 1.59	1.43 1.43 1.43

### **Mallory Controls**

#### MALLORY PRINTED CIRCUIT MINITROLS



Carbon transistor controls, all linear taper, rated 1/4 watt. Diameter 1/2". No shaft, all open screwdriver slot adjustment. 1/4"-32 bushing. Choice of horizontal or vertical mount. Shpg. wd., 3 oz.



Tune MTC

Type MTC-4

Res.	Stock No. Vert. Mt.	Stock No. Heriz. Mt.	Res. Ohre	Stock No. Vert. Mt.	Stock No. Horiz, Mt.
100	33 R 16379	33 R 16850	15K	33 R 18510	33 R 16791
200	33 R 16387	33 R 16868	20K	33 R 16528	
250	33 R 16395	33 R 16676	25K	33 R 16536	33 R 16817
300	33 R 16403	33 R 16484	50K	33 R 15544	33 R 16825
500	33 R 16411	33 R 16492	100K	33 R 16551	33 R 16833
750	33 R 16429	33 R 16700	120K	33 R 16569	33 R 16841
1000	33 R 16437		180K	33 R 16577	33 R 16858
1500	33 R 16445	33 R.16726	250K	33 R 16585	33 R 16866
2000	33 R 16452	33 R 16734	325K	33 R 16593	33 R 16874
3000	33 R 16460		450K	33 R 16601	33 R 16882
5000	33 R 16478	33 R 16759	500 K	33 R 16619	33 R 16890
6000	33 R 16486		I MEG	33 R 16627	33 R 16908
6800	33 R 16494		2 MEG	33 R 16635	33 R 16916
10000	33 R 16502	33 R 16783	3.5 MEG	33 R 16643	

### CARBON TRANSISTOR CONTROLS

Linear taper (4) rated ¼ Watt: Audio taper (1) rated ¼ Watt Dlam. ½" Universal ¼" steel shaft 1" long with ¼"\_32 bushing and screwdriver slot except ° has ¾" long nylon shaft. Shoe we 2 or



C25L 20	OK 4
	10K 4
C254L 25	OK 4
C55A 50	OK 1
CN55L* 50	OK 4
CN16A* 1 N	leg 1
CN16L . 1 N	leg 4
	CN16A° 1 N CN16L° 1 N

MALLORY 3-WATT WIREWOUND TV & INDUSTRIAL POTS



Dust-proof phenolic case 1½" diameter. Insulated contact arm type 900 V. AC insulation. All have linear taper. Knurled screwdriver slotted stub shaft with 36" standard bushing. With nut. Shpg. wt., 3 oz.

Stock No.	Type	Ohms	Stock No.	Type	Ohms
33 R 1 3061	R2L	2	33 R 13657	R50L	50
33 R 13079	R3L	3	33 R 13665	R100L	100
33 R 13087	R5L	5	33 R 13673	R250L	250
33 R 13095	R6L	6	33 R 13681	R500L	500
33 R 13103	R8L	8	33 R 13699	R750L	750
33 R 13411	R10L	10	33 R 13707	R1000L	1K
33 R 13129	R15L	15	33 R 13715	R1500L	1500
33 R 13137	R20L	20	33 R 13723	R2500L	2500
33 R 13145	R25L	25	33 R 13731	R3000L	3000
33 R 13152	R30L	30	33 R 13749	R5000L	5000
Any of abou	10		COLUMN TWO	41.4	-

Any of above									
Stock No.	Type	Ohms	Stock No.	Type	Ohms				
33 R 13160	R7500L	7500	33 R 13186	R15ML	15K				
33 R 13178	R10ML	10K	33 R 13194	R20ML	20K				

Any of above

Net ea. 1.08

#### CENTER TAPPED CONTROLS

Type	Ohms	Stock No.	Type	Ohms
RIOCT	10	33 R 13228	R30CT	30
R20CT	20	33 R 13236	R50CT	50
	RIOCT	R10CT 10 R20CT 20	R10CT 10 33 R 13228 R20CT 20 33 R 13236	R10CT 10 33 R 13228 R30CT R20CT 20 33 R 13236 R50CT

SWITCH FOR ABOVE 3-WATT CONTROLS **Net Each** 

Stock No. 1.9 10-49 33 R 13244 11530 SPST 42 38

#### MALLORY VW SERIES SUBMINIATURE

#### 5-WATT WIRE WOUND

Wire wound control rated at 5 watts. Break down voltage 900VAC RMS. Linear taper ±10% tol. Dim. ¾" dia. x 7%" dia. x % depth. ¼" shaft dia. Bushing dia. ¾
32 x ¾" thread. Shpg. wt., 3 oz.
assortment for quantity prices.



		Each	10-			Each	10-
Stock No.	Chms	1-9	49	Stock No.	Ohms	1.9	49
33 R 13269	1	1,38	1.24	33 R 13442	300	1.38	1.24
33 R 13277	2 3	1,38	1.24	33 R 13459	400		1.24
33 R 13265	3	1.38	1.24	33 R 13467	500		1.24
33 R 13293	5	1.38	1.24	33 R 13475	-	1.38	
33 R 13301	6	1.38		33 R 13483	750	1.38	
33 R 13319	8	1.38		33 R 13491			
- K 10013	1				1K	1.38	1.24
33 R 13327	10	1.38	1.24	33 R 13509	1500	1.44	1.30
33 R 13335	15	1.38	1,24	33 R 13517	2K	1.44	1.30
33 R 13343	20	1.38	1.24	33 R 13525	2500	1.44	1.30
33 R 13350	25	1.38	1 24	33 R 13533	24		
33 R 13368				33 R 13541	3K	1.44	
	30	1.38			4K	1,44	
33 R 13376	40	1.38	1.24	33 R 13558	5K	1.44	1.30
33 R 13384	50	1.38	1.24	33 R 13566	7500	1,50	1.35
33 R 13392	60	1.38	1.24	33 R 13574	10K	1,50	
33 R 13400	75	1.38	1.24	33 R 13582	15K	1.56	
33 R 13418	100	1.38		The second second	-		
33 R 13426				33 R 13590	20K	1.56	
33 R 13434	200	1.38		33 R 13608	25K	1.65	1.49
33 R 1 1434	250	1 38	7.74				

WIRE WOUND SENSITIVITY CONTROLS



For AGC, hum-balancing, Imearity, etc. 34" diam. For conversion from cross-slot adjustment to shaft, use shafts listed below. Shpg. wt., 3 oz.

MR-F 3-WATT FLANGE MOUNT

Mounting ears with .130° dia. holes on 1" center. Cross-slot adjustment, front and rear.

Stock No.	Mfr. No.	Ohms	Stock No.	Mfr. No.	Ohms
33 R 16007	MR15F	6	33 R 16098	MR 600F	600
33 R 16015		15	33 R 16106	MR 750F	750
33 R 16023		40	33 R 16114	MR 1000F	1000
33 R 16031	MR75F	75	33 R 16122	MR1500F	1500
33 R 16049	MR100F	100	33 R 16130	MR2000F	2000
33 R 16056	MR150F	150	33 R 16148	MR2500F	2500
33 R 16064		200	33 R 16155	MR3000F	3000
33 R 16072		250	33 R 16163	MR4000F	4000
33 R 16080		500	33 R 16171	MR5000F	5000

Any of above

Net ea. .66

MR-P 3-WATT PC MOUNT Printed circuit board mounting with cross-slot adjustment, front

MRGOOP

and rear. Stock No. Mfr. No. Stock No. diffr Ma Ohme 33 R 16189 MR1 SP 15 33 R 16247 MR1000P 1000 33 R 16197 MRISP 15 MR1500P 1500 33 R 16254 33 R 16205 MR100P 100 33 R 16262 MR3000P 3000 33 R 16213 MR175SP \*175 MR4000P 33 R 16270 4000 33 R 16221 MEZOOSE MR50001 5000 33 B 16288 33 R 16239

Any of above

600 \*Stop at 60 ohms. +Stop at 100 ohms.

Net ea. .66

Net ea. .66

MRC-P \$1/2-WATT PC MOUNT controls with printed circuit board mounting and

Convergence permanent knob. Stock No. Mfr. No. Ohms Stock No. Mfr. No. 33 R 16296 MRC10P 10 33 R 16320 MRC100P 100 33 R 16304 MRC30P 30 33 R 16338 33 R 16312 33 R 16346 150 60 MRC 150P

Any of above

MR-T 3-WATT TAB MOUNT

With twist-tabs for mounting on PC board or chassis. Slot adjust.

Stock No.	Mfg. Ne.	Ohms	Ea.	Stock No.	Mfg. No.	Ohms	Ea.
33 R 14861		10	.66	33 R 14945	MR2500-T	2500	.70
33 R 14887			.66	33 R 14952	MR3000-T	3000	.70
33 R 14895		100		33 R 14960			.70
33 R 14903		250		33 R 14978			.76
33 R 14911		500		33 R 14986			.76
33 R 14929		850		33 R 14994			.83
33 R 14937	MIK TOOG-T	1000	.66	33 8 14879	MR15K-T	15K	93

Mallary No. MRS1250—14" dia. x 114" FMS knurled and slotted nylon. Plugs into either and of MR control. 33 F 16353 Net ea. .12

### Volume Controls-T&L Pads—Rheostats

LAFAYETTE 1/2 WATT WITH SWITCH



1½" dia. control with ¼" dia., 2½"\. round shaft. Control rated ½ watt audio; switch rated 3 amp. — 125V. (AC/DC). Bushing: ¾".32x¾". Complete with hardware. Imported. Shpg. wt., 2 oz. 99 R 6321 1 meg. ea. 58

REPLACEMENT 5,000 OHM VOLUME CONTROL FOR JAPANESE TRANSISTOR RADIOS



A volume control with the proper resistance, dimensions and mounting for replacement in thousands of Japanese transistor radios. A 5,000 ohms potentiometer with S.P.S.T. switch, Only 5% dia., ½% total depth. Easily installed in printed circuits. Comes with 1%" dia, knob. Shpg. wt., 2 ozs. Imported. Net 59 99 R 60196



SHR.MINIATURE VARIABLE CONTROLS

SIZE-W" Dia W" Thick

Carbon composition potentiometers built for the most compact installations, Ideal for printed circuits, Shpg, wt., 2 oz. Imported

Stock No.	Ohmage	Het Ea.	
99 R 61425	1,000	.39	
99 R 61434	5,000	.39	
99 R 61442	10,000	.39	
99 R 51459	50,000	.38	

#### VOLUME CONTROL ACCESSORIES



Shoe, wt., 3 oz.

Stock No.	Fig.	Description  Extends control body %" from surface			
33 R 11974	A				
33 R 11982	D	Wrench for 1/2-1%" V.C. hex nuts	.85		
33 R 11990	E	Ext. shaft 4x1/4, 1/2" flat	.95		
33 R 12014		Ext. shaft 4x1/4, %" flat	.95		
33 R 12022	E	Ext. shaft 4x%, X," flat	.95		
33 2 12030	E	Ext. shaft 2x1/4 with 1/4" slot	.81		
33 R 12040	8	Couples 1/4" shaft to 1/4", 1/4" shafts	.72		
33 8 12055	C	Bushing for panel mounting	.20		
33 B.12063	F	Mtg. Bht. 21/2" Mtg. centers	.05		
33 m12871	F	Mtg. Bkt. 134" Mtg. centers	.05		



#### MALLORY T and L-PAD ATTENUATORS



For Level Control of low impedance audio circuits. Rated at 15 watts peak audio, 4 walts DC. Accessories furnished: one bar knob, one dar plate, with matched rotation, one nut, one lock washer. Bushing 36"—32"34", shaft ½"22" long. Shpg. wf., 6 oz.

#### -L-PADS-

Stock No.	Mfg, No.	Ohms	Stock No.	Mfg. No.	Ohms
33 m 13756	12	2	33 R 13830	L250	250
33 R 13764	L4	4	33 N 13848	1500	500
33 2 13772	16	6	33 R 13855	L600	600
33 R 13780	1.8	8	33 R 13863	L1000	116
33 R 13798	L15	15	33 R 13071	L2000	2K
33 R 13806	1.50	50	33 R 13889	L3000	3K
33 R 13814	L100	100	33 R 13897	L4000	4K
33 R 13822	1.200	200	1 10 10 10 10		
Singly Each					2.73

LA-PADS Same as above with a 3/1"-32x1" Bushing. 2 nuts, 2 lock washers, 14/x11/2" dial plate. Shpg. wt., 6 oz.

Stock No. Mfg. No. Ohms Stock No. Mer No Ohms 33 R 13905 33 R 13913 L8A 8 116A 2.85 Singly Each

- DUAL L-PADS -Ganged pads for stereo use. Same specifications as single L Pads bushing 36"-32x1" Shpg. wt., 8 oz. Stock No. Mfg. No. fibms Stock No. Mitw. No. **Dhms** 

33 R 13939 1116 16 33 R 13921 LIB 33 R 13947 50 Singly Each. 5 70

Stock No.	Mfg. No.	Ohms	Stock No.	Mig. No.	Olums
33 R 13954	T2	2	33 R 14036	T200	200
33 R 13962	T4	4	33 R 14044	T250	250
33 R 13970	T6	6	33 R 14051	T500	500
33 R 13988	78	8	33 R 14069	T600	600
33 R 13996	T15	15	33 R 14077	T1000	1K
33 R 14010	T50	50	33 R 14085	T2000	2K
33 R 14028	T100	100	33 R 14093	T3000	3K
Singly Each	Shog, wt	45 lb.			3.54

#### MINIATURE VOLUME CONTROLS



Audio Taper controls with D.P.S.T. switches. Mount in %6" holes in panels up to 1/4" thick. 1/4" flatted shaft is 3/4" long. Dimensions: 1/6"W X 1"M x 1"P peep, Mounting nut and washer supplied, Imported, Shpg. wt., 3 oz.

32 R 22510 5K ohm 32 R 22528 10K ohm 32 R 22536 100K ohm

32 R 22544 1/2 Meg. 32 R 22551 1 Meg.

Any of Above

Net Fach 74



#### MALLORY OUTDOOR SPEAKER CONTROLS

Engineered for outdoor movie speakers. Rated 8 watts, audio. Bushing 36"—32x36". Shaft 34" dia. x 34" long. Supplied with nut. Shpg. wt., 3 oz.

Stock No.	Mfg. No.	Ohms	Net
33 R 12238	TSA-10	4-ohm-L Pad	1.35
33 R 12246	TSA-35	35	1.35
33 R 12253	75A-6	6	1.14

#### **OHMITE WIRE-WOUND RHEOSTATS**



Vitreous enamel rheostal with copper graphite control brush except \* silver-graphite contact brush, Ohmages above 5000 have silicone ceramic coating, Rating indicated are at full setting, Less knob. Avg. shpg. wt., 5 oz.

MODEL E-121 %" dia. 1% Stock No.		Mans	MODEL H-25 1%," dia. 1% Stock No.		Net Each 1-4 5-9		
30 R 81114"	0101*	1	30 R 81395	0140*	6.30	5.36	
30 8 81122*	0102*	2	30 R 81403	0141*	6.30	5.36	
30 P 81130	0103	3	30 R 81411	0142*	6.30	5.36	
30 8 81148	0104	6	30 R 81429	0143*	6.30	5.36	
30 9 81155	0105	8	30 R 81437		100000	5.36	
30 R 81163	0106	10	30 R 81445	0145°	6.30	5.36	
30 R 81171	0107	15	30 R 81452	0146	5.50	4,68	
30, 9 81189	0108	25	30 R 81460	0147	5.50	4.68	
30 R 81197	0109	35	30 R 81478	0148	5.50	4.68	
30 H 81 302	0110	50	30 8 81486	0149	3.50	4.00	
30 R 81213	0111	75	30 R 81494	0150	5.50	4.58	
30 R 81221	0112	100	30 R 81510	0151	5.50	4.88	
38 R 81239	0113	125	30 R 81528	0152	5.50	4.69	
30 R 81247	0114	175	30 R 81536	0153	5,50	4.68	
30 R 81254	0115	250	30 R 81544	0154	5.50	4.68	
30 R 81262	0116	350	30 R 81551	0155	5.50	4.88	
30 R 81270	0117	500	30 2 81569	0156	5.50	4.58	
30 R 81288	0118	750	30 R 81577	0157	5.50	4.68	
30 R 81296	0119	1000	30 R 81589	0158	5.30	5.36	
30 R 81 304	0120	1500	30 R 81593	0159	6.30	5.36	
					C. Carrie		
30 R 81312	0121	2500	30 R 81604	0160	6.30	5.36	
30 8 81338	0123	3500 5000	30 R 81619	0161	7.60	5.46	
30 8 81346	4190	7500	30 R 81635	4200	7.50 7.90	6.46	
30 R 81353	4191	10,000	30 R 81643	4201	7.90	6.72	
		100000000000000000000000000000000000000	35 610-3	1.01			
30 R 81361	4192	12,500			8.60	7.31	
30 R 81379	4193	15,000	30 R 81650	4202	8.60	7.31 7.14	
	_	20,000	30 R 81668	4203	9.20	7.82	
		25,000	30 R 81676			7.02	
5151 Knob	or Model		5150 Knot		Nat	ea .33	

### LAFAYETTE T & L Pads-Faders - Switches

SELECTOR CONTROL

#### STERED LEVEL BALANCE CONTROL

Dual Concentric 8 ohm 1 Pads



 Logarithmic Curve Provides individual level control for stereo Speakers. Varies "brilliance" or "presence" Controls stereo extensions without mismatching. Dual control mounted on concenmatching. Dual control mounted on concentric shaft, Gold-finished brass plate and attractive black knobs with gold trimming. L. pad for 8 ohm circuits. Plate is 24% across; overall depth 34%, imported. Shps. wt., 7 oz. Not 3 19

BALANCE CONTROL

DELUXE STEREO LEVEL

. Dual Concentric 8

· Logarithmic Curve Two phone jacks enable you to plug in extension monitoring

from the front. Screw terminals in the rear provide

ohm L Pads

An all purpose selector control ... connects any one of 5 inputs to one output. For AM, FM radio, phone, tape recorder or other auxiliary. Unit is completely shielded to prevent hum. Comes complete with all necessary mounting hardware and 5 input phono jacks and one output phono jack. An inexpensive addition to any multi-component system. Imported, Shpg. wt., 6 oz.

99 B 10290 Net 1.39

LAFAYETTE STERED LEVEL CONTROL

Curve



Logarithmic

for a simple, permanent hookup. Control mounted on concentric shaft, Brushed brass plate with attractive black with gold-trim knobs. Concentric 8 ohm L pads, Use it to control volume on a onm L pags, use it to control volume on second set of speakers. Plate is 4½x2¾ from front of knob to plate 1", Overa depths 3¾", Imported, Shpg. wt., 10 oz. 99 R 61418 Deluxe Level Control ... Net 4.4 Overall

speakers

LAFAYETTE L PADS

L pads for use as "brilliance" controls to vary tweeter level, or as "presence" controls to

vary midrange speaker level. Both wire-wound elements are concentrically mounted with-

elements are concentricatly mounted with in one plastic housing. With gold-finished metal escutcheon plate, mtg. screws, and attractive black knob. Size: 1%, dia., 7/8" deep (less shaft), 21/2" ported. Shog. wt., 5 oz. deep overall. Im-

pad for 8 ohm circuits. 99 #61343

Net 1.89

L pad for 16 ohm circuits. 99 R 61350

Net 1.89

#### LAFAYETTE T PADS

### Constant impedance control to adjust speaker volume. With brass satin plate for wall mount-

ing, Impedance, 8 ohms. With all parts and instructions. Imported. Shpg. wt., 9 oz. Net 4.89

LAFAYETTE REMOTE SPEAKER **FADERS** 

As Low As.



Remote Speaker Fader Provides adjustvolume level for Radio, TV, Hi-Fi and age volume level for Radio, TV. NH-Fi and remote speaker. Gradually increases volume on one speaker white diminishing volume on the other. May also be used to adjust volume for 1 speaker, Gold plate for front panel mounting. With instructions. Imported. Shgs. wt., 3 oz. 99 g S 1384

Remote Speaker Fader, Same as above ex-cept for wall mounting. Imported. Shpg. wt. 99 R 61392

#### STEREO SELECTOR SWITCHES

Two precision 8 ohm level controls concentrically mounted for stereo, ideal for con-trolling individual volume of stereo exten-

sion speakers without fear of mismatch or 





(Fig. A)

(Fig. B)

 Permits Remote Selection of any 3 Pairs of Speakers

Recommended only for Hi-Fi Systems Using Vacuum Tube Circuitry

(Fig. A) A constant impedance speaker se-(Fig. A) A constant impedance speaker Sereo Hietor switch for multiple-speaker Stereo Hieti, Selects 3 sets of speakers in any combination, with up to 60 watts of audio power. Mounted on an attractive, gold-linished, steel, electric outlet plate, 23/4x41/2" Imported, Shpg. wt., 8 oz. Stereo Speaker Selector Switch

99 ₹ 00986 (Fig. B) As above in enclosed case 2Hx4Wx 3"D, Shpg. wt., 10 oz.

99 R 01018

#### Net 3,19 **VOLUME CONTROL** ADAPTER



Built in volume control permits high volume signals to be fed into the high gain input of signals to be fed into the high gain input or tape recorders without overloading. Phono judg output, Completely shielded. Designed for use in unbalanced stereo channels; use in pairs for dual stereo channel control. Imported. Shpg. wt., 4 oz. Net 1 59 SWITCHES FOR SOLID STATE HI-FI SYSTEMS





Speaker selector switch for solid state stereo systems. Allows choice of one of three pairs of speakers. High quality, non-shorting contacts capable of handling up to 60 watts audio, Imported, Shpg. wt., 7 oz. Wall Box Selector.

9 R 01745 Enclosed Case Selector Met 2 10

96 P 01752

Net 3.19

#### LAFAYETTE MULTIPLE 6 SPEAKER SWITCHES





 Recommended only for Hi-Fi Systems Using Vacuum Tube Circuitry

Multiple Speaker Switch Constant immultiple Speaker Switch Constant Impedance device for controlling any 6 remote speakers; up to 63 different combinations. Wall mounting with brass plate. With instructions and hardware, Shpg. wt., 5 oz.

Net 2.69 99 R 00549 Imported, Fig. A ... Multiple Speaker Switch Identical to above but mounted on flat, gold-embossed plate for mounting on flat panel, 34/2/296". Imported. Shpg. wt., 4 oz. 99 R 00663 Fig. B

#### LAFAYETTE REMOTE SPEAKER SWITCHES



Recommended only for Hi-Fi Systems Using Vacuum Tube Circuitry

(Fig. A) For monaural use. Selects any one of 3, or any combination of 2 or 3 speakers with up to 60 watts of audio power. A constant impedance device. On gold finished steet electric outlet plate with black and inory knob. 234244½". Imported. Shpg. wt.

8 oz. 99 # 00531 Net 1 59 

STEREO SPEAKER WALL JACK KIT





A handsome ivory-finish wall stereo jack hit designed to be mounted in a standard outlet assigned to be mounted in a standard outer box. Ideal for remote amplifiers or for added stereo pleasure in the den, play room, etc. Contains how standard 1/4" phone plugs and two standard 1/4" phone jacks. Size: 4%, x 2 1%, " " back clearance required. Imported. Shpg. wt., 6 oz. 99 R 01364 Net 1.49

Make Lafayette Your One Dependable Source for Everything in Electronics

Lafayette Cat. No. 720 267

### **Cutler Hammer Switches**

#### AC - DC TOGGLE SWITCHES LIGHT DUTY - 3 to 6 AMPS

For use on small motor-driven tools and appliances where a sturdy switch is required. Long life and high arc resistant. 
Sturdy switch is required. Long life and high arc resistant. 
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Sturdy switch is required. 
Sturdy switch is successful and successful U.L. listed, Avg. shpg. wt., 3 oz.

		Con-		Āmps	Net E	sch
Stock No.	Mfr's, Type	tácts	Fig.	125V	1-24	25-49
24 0 22000	00001/11/11		_			
34 R 33026	8280-K-14*	SPST		3	.77	.71
34 R 33034	8280-K15†	SPST		3	.77	.71
34 R 33042	8280-K16	SPST		3	.77	.71
34 R 33059	8282-K13†‡	SPDT		3	.97	.89
34 R 33067	8282-K14±	SPDT	G	3	.97	.89
34 R 33091	8290-K15†#	SPST	В	3	,92	.85
34 R 33109	8290-K16#	SPST		3	.92	.85
34 R 33117	8295-K7†8	SPST		3	.92	.85
34 R 33125	8295-K86	SPST		3	.92	.85
34 R 33133	8360-K6*	DPST		3	1.40	1.27
34 R 33141	8360-K7	DPST	G	3	1,40	1.27
34 R 33166	8363-K6*	DPDT		3	1.59	1.46
34 R 33174	8363-K7	DPDT		3	1.59	1.46
34 R 33182	8363-K8†	DPDT	E	3	1.59	1.46
34 R 33208	8370-K7	DPST	G	6	1.48	1.37
24 D 22024	0270 1/70		_	_		-
34 R 33224 34 R 33257	8372-K76	DPST	D	6	1.81	1.67
	8375-K7§	DPDT	D	6	2.19	2.02
34 R 33281	8391-K7#†	SPST	В	6	1.04	.96
34 R 33299	8391-K8#	SPST	В	6	1.04	.96

#### AC TOGGLE SWITCHES LIGHT DUTY - 6 AMPS

For use in radios, appliances and other equipment which use snap action mechanism. All rated 6 amps at 125V and 3 amps at 250V. \*\* Center-off position. Threaded stems are 1½ in. dia., stem length 13/4. U.L. listed. Avg. shpg. wt., 3 oz. t indicates screw terminals. 1 indicates solder terminals.

				Net Eac	h
Stock No.	Mfr's. Type	Contacts	Fig.	1-24	25-49
34 R 33430	7580-K4†	SPST	K	.81	.74
34 R 33448	7580-K6±	SPST	K	.70	.64
34 R 33455	7581-K4†*	SPDT	K	.92	.85
34 R 33463	7581-K61*	SPDT	K	.75	.70
34 R 33513	7582-K61	SPDT	K	.75	.70
34 R 33521	7590-K4†	DPST	F	1.23	1.13
34 R 33539	7590-K6±	DPST	F	1.00	.92
34 R 33547	7591-K4+*	DPDT	F	1.46	1.34
34 R 33554	7591-K61+	DPDT	F	1.12	1.04
34 R 33562	7592-K4+	DPDT	F	1.46	1.34
34 R 33570	7592-K6\$	DPDT	Ė.	1.12	1.04

#### "ROCKETTE" SWITCHES

Modern design, dependable, with nylon rocker type actuator. Fast connect .250" terminals. Requires 13/4x 11/6" hole. U.L. and CSA listed. Shpg. wt., 3 oz.

			eres		Net I	
Stock Ne.	Mig. Type	125V	250V	Cont.	1-24	25-49
34 R 34164	8134K21A1N	152 6	3	SPST	72	.66
	8144K20A1N					.84
34 R 34115	8142K21E6N	152 15	10	DPST	1.24	1.15

#### ON-OFF PLATE FOR TOGGLES

34 R 33935 Shpg. wt., 3 oz. Net Ea. 1-9 .05

#### LAFAYETTE FOOT SWITCH



The ideal switch for safe, hand free control of bench tools, appliances or other electrical devices. Rated at 10 amps, 125 Volt A C. Merely step on the switch and constant power is supplied until foot is removed. Supplied with six foot cord and plug. Plug unit into the wall and appliance into the back of plug. Steel housing is finished in gray crackte and has a skid-proof base. Size: 27% square x 1" high. Imported. Shog. wt. 1 bb. 98 R 80707. 99 R 80707 Net Ea. 2.99

#### STANDARD DUTY - 10 to 15 AMPS

Slow make, slow break mechanism. All have 15/32 diameter threaded stem. 15/32 long except § 11/32 long, and \* center off, all rated 10 amps at 250 V AC and 15 amps at 125V AC. U.L. listed, Avg. shpg. wt., 4 oz. † indicates screw terminal, † indicates solder terminals.

+ maicutes se	And the second s					
Stack No.	Mfr's, Type	Contacts	Fig.	. 1-24	25-49	
34 R 33588	7500-K13†\$	SPST	K	.84	.77	
34 R 33596	7500-K14+	SPST	K	.84	.77	
34 R 33612	7501-K13	SPST	K	.73	.68	
34 R 33638	7502-K13†*	SPDT	K	.99	.91	
34 R 33653	7503-K13±*	SPDT	K	_84	.77	
34 R 33679	7504-K4+	SPDT	K	.99	.91	
34 R 33695	7505-K4±	SPDT	K	.84	.77	
34 R 33703	7560-K5†	DPST	F	1.33	1,22	
34 R 33729	7561-K4\$	DPST	F	1.12	1.03	
34 R 33745	7562-K4**	DPDT	F	1.63	1,50	
34 R 33778	7563-K5:§*	DPDT	F	1.33	1.22	
34 R 33786	7564-K6+	DPDT	F	1.63	1.50	
34 R 33802	7565-K5	DPDT	F	1.33	1.22	
34 R 33810	7565-K615	DPDT	F	1.33	1,22	
34 R 33844	7610-K2	3PST	L	2.54	2.35	
34 R 33651	7611-K2	3PST	L	2.18	2.01	
34 R 33877	7613-K2:*	3PDT	L	2.68	2.48	
34 R 33893	7615-K2	3PDT	L	2.68	. 2.48	

#### HEAVY DUTY - 15 to 20 AMPS

Switches contain heavy parts, larger clearances and higher switches, Nanotel large motors and heavier loads at onger life on lighter leads. All bakelle bodies, terew terminals and light make and break ellostes. 1% threaded stem 1% long except 1% 1% at the large motor and light make the light light

		Con-		Amps	Net E	ach
Stock No.	Mfr's. Type	tacts	Fig.	125V	1-24	25-49
34 R 33356	7360-K7*	DPST	н	20	2.41	2.23
34 R 33364	7360-K8	DPST	H	20	2.41	2.23
34 R 33372	7361-K5	SPST	Н	20	2.52	2.33
34 R 33406	7402-K41	DPST	H	20	3.24	2.99

#### STANDARD DUTY - 8 to 16 AMPS

Quick make, quick break contact mechanism eliminates plt-ting caused by high arcing. These long life switches are primarily designed for use on small motors and similar equipment. All in bakelite case with screw terminals. 1/26 threaded stem x 15/32 long except † 11/32 stem length. U.L. listed. All 8 amp at 250V and 16 amp at 125V, except \$\$ amps at 250V. Avg. shgg. wt., 3 oz.

				Con-		Āmps	Net E	nch
Sto	ck	No.	Mfr's. Type	tacts	Fig.	125V	1-24	25-49
34	R:	33323	7320-K2†	DPST	H	16	1.40	1.29
34	R:	33943	7320-K3	DPST	H	16	1.40	1.29
34	R:	33331	7321-K2†	SPST	H	16	1.50	1.39
34	R:	33950	7321-K3	SPST	H	16	1.50	1.39
34	R:	33349	8680-K1†±	DPDT	H	5	4.17	3.85

#### SPST MIDGET SWITCH

Type 8097-K3. Bat handle \( \frac{1}{16} \) from end of threaded stem. 3 Amps at 125V AC. .75 at 250V DC. Screw terminals. Threaded stem dia. \( \frac{1}{16} \), stem length \( \frac{1}{16} \). Shpg. wt., 2 oz.

Stock No.	Fig.	1-24	Net Each 25-49
34 R 33018	M	.59	.54



K

C

#### LAFAYETTE SUBMINIATURE SWITCHES

TOGGLE SWITCH Industrial quality, subminia-ture, D.P.D.T., AC toggle switch. Rated at 10 amps, 125 volts A.C. Life tested through 100,000 cycles. Contact resistance, 0.01 ohms. Insulation resistance 100 meg-ohms ohms. Insulation resistance 100 meg-ohms at 500 V.A.C. Maximum breakdown voltage 1000 V.A.C. Body size ½χ±½χ±½χ ½χ. Bushing ½ΩΣ½χ±½, Handle 3½ "L. Behind panel depth, including lugs, 34". Includes slip-on insulator for handle, mounting hardware and "onoff" plate. Shg. wt., 2 oz. 99 R 61624 Imported . Net ea. 1.49 Lots of 100 ea. 1.19 Lots of 10 ea. 1.35 SUBMINIATURE MOMENTARY PUSH-BUTTON SWITCH. All dimensions and specifications exactly the same as above except momentary push-button action, Imported.

push-button action, Imported

99 R 61830 Shpg. wt., 2 oz. Net ea. 1.89 Lots of 100 ea. 1.56 Lots of 10 ea. 1,70

### **MALLORY Switches and Dial Plates**

#### CERAMIC SELECTOR SWITCHES



Ideal for RF circuits. All non-shorting. Ceramic insulation, silver plated contacts. ½" spacing between gangs except 1" on 3 gang. Voltage breakdown 500V AC or DC. Max non-breaking resistive load is 10 amps. 1" mtg. radius. Notched shaft 2Lx½" diameter with 3kx½" bushing. Adjustable stop. Type with "have," bushing. Adjustable stop. Type with "have added "OFF" position preceding others. With knob, nut and lockwasher. Shog. wt., 5 oz.

e	1	M	c	1	R	6	а	M	0

	ock to.	M/g. No.	Poles Per Gang	Per	1-4 Each	5-9 Each
30 R	40573	172C	1	11	2.77	2.31
30 R	40581	1730*	2	5	2.77	2.31
30 R	40599	174C*	3	3	2.77	2.31

Shpg. wt., 8 oz. THREE GANG

Stock No.	Mfg. No.	Poles Per Gang	Per	1-4 Each	5-9 Each
30 R 40631	180C	1	11	5.04	4.21

### ALL PURPOSE



Single section phenolic type 2" long by 1/4" dia. shaft with 3/6" bushing. Supplied with knob lockwasher and nut except t uses knurled shaft, no knob furnished. Shpg. wt..

SHORTING TYPES								
Stack No.	Mallory No.	Cir.	Pos.	1-4 Each	5-9 Each			
30 R 49202	5M1112	1	2	1.19	.99			
30 R 49210		1	3	1,19	.99			
30 R 49228	5M1113K+	1	3	1.19	.99			

#### DIAL PLATES



Silver markings on black background. 30° spacing plates for all Mallory 1200 L and 1300 L series switches and for 144" base. 3100 J and 3200 J series. Shpg. wt., 2 oz.

Stock No.	Marking	Stock No.	Marking
30 R 40664	1 to 2	1 30 R 40771	Off 1 to 3
30 R 40672		30 R 40789	Off 1 to 4
30 R 40680		30 8 40797	Off 1 to 5
30 R 40698		30 R 40805	Off 1 to 6
30 R 40706		30 R 40013	Off 1 to 7
30 R 40748		30 R 40821	Off 1 to 8
30 R 40755		30 R 49839	
30 R 40763		30 R 40847	
ANY	OF ABOV	E NET EACH	.20

#### LEVER ACTION SWITCHES



Positive action, phenolic sections. 6000 series have mtg, brackets with round holes 1%" apart; 5000 series have elongated holes in bracket with 2%" centers. Voltage rating 500 VAC-DC. Max. nonbreaking current resistive load, 6 amp, at 6 VAC. 20° indexing with knob and hardware, Shpg. wt., 5 oz.

Stock No.	Mfg. No.	Poles Per Gang	Per	1-4 Each	5-9 Each
30 R 41209	5124	2	4 2	1.62	1.35
30 R 41225	6143	4	3	1.41	1.17
Non Shorting					
30 R 41233	5224	2	4	1.62	1.35
30 R 41241	6242	4	2	1.41	1.17

#### MINIATURE PUSH-BUTTON SWITCHES



Non-locking type, contact made only when depressed. Silver contacts, cadmium plated frame. Mount in 3/6" hole on up to 3/4" panels. Mtg. radius 31/6". Mtg. depth 3/6" min to 3/8" max. Circuit codes: M—make, B—break, MBB—make before break, Vollage breakdown 500 V DC. With hardware, Shpg. wt., 3 oz.

Stock No.	Mfg.	Circuit	Net Ea.	
30 R 41118	1011	SPST-M	.82	
30 R 41126	1012	SPST 8	.82	
30 R 41134	1013	SPDT	.90	
30 R 41142	1014	DPST-M2	1.03	
30 R 41159	1015	DPST-B2	1.03	
30 R 41167	1016	DPDT	1.24	

### DECADE



Type 154L resistor switch for simple construction of decade boxes (up to 10 positions), Phenolic Insulation, The number of positions is adjustable for use as a single decade or with more switches as a multiple decade. Requires only 4 resistors for full decade operation, Depth behind panel is 1.7 Lateral space 2". Voltage breakdown rating 500V 0C or AC. Shaft 2" long x ½" diameter. With knob and hardware. Shpg. wt.

Stock No.	Type	1-4 Each	5-9 Each
30 R 41274	1541	3,44	2.88
Type 389	Dial Plate for	above	
30 R 40839			Net .12

#### MINIATURE LEVER SWITCHES



Phenolic type all are single section type. Contact rating is 350 MA at 500 volts RMS resistive load 30° indexing. Mtg. holes 136° apart. \* are positive action and spring return. † are spring return. Supplied with lever knob. Shpg. wt. 3 oz.

#### SHORTING TYPES

Mfr. No.	Cir.	Pos.	1-4 Ea.	5-9 Ea.
6M1213	2	3	1.39	1,16
6M1213U*	2	3	1.82	1.52
6M1412S†	4	2	1,98	1.65
	6M1213 6M1213U*		6M1213U* 2 3	Mfr. No. Cir. Pos. Ea. 6M1213 2 3 1.39 6M1213U* 2 3 1.82

#### MON-SHORTING TYPES

30	R	41514	6M2213	2	3	1,39	1.16
30	R	41522	6M22135†	2	3	1.58	1.32
30	R	41530	6M2213U1	2	3	1.82	1.52
30	R	41548	6M24125	4	2	1.92	1.60

#### MULTIGANG ROTARY SWITCHES



Phenolic waters, ½" spacing between gangs except 3 and 4 gang is 1". Indexing is 30°. Have 1 fixed and 1 adjustable stop. Voltage breakdown 1000V AC or DC. Contacting members silver coated 2" notched shaft requires ½" mtg. hole. Types with " have additional off positionwith all circuits open. With bar knob, nut and lock washer, Avg. shpg. wt.,

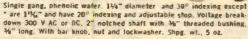
D Ac.					
Non-S! Stock No.	norting Mfg. No.	Gang	Total Poles		NET Each
30 R 40417	13111	1	1	11	2,46
30 R 40425		1	2	5	2.46
30 R 40433	1313L*	1	3	3	2.46
30 R 40445	13121.	1	4	2	2.46
30 R 40458	1321L	2	2	11	3,00
30 8 40466	1325L*	2	4	5	3.00
30 R 40482		2	8	2	3.00
30 R 4049#		3	3	11	3.78
30 R 4050a		3	6	5	3.78
30 R 42686	13331	3	9	3	3.78
30 R 42694	13321.	3	12	2	3.78
30 2 40516	134IL	4	4	11	4.45
30 ₹ 40524	1345L*	4	8	5	4.45
30 9 42678	1342L*	4	16	2	4.45
30 R 40532	1351L	5	5	11	4.81
30 R 40549	1356L°	5	10	5	5.29
30 R 40557	13611	6	6	11	5.65
30 R 40565	1366L*	6	12	5	6.45

#### UNIVERSAL MOUNTING BRACKET

"L" shape, for rear support of switches, Shpg. wt., 2 oz, 30 R 41100 Type RB254 Net .05

#### PS, Shpg. Wt., 2 02, 3 Type RB254 Net .05

#### MALLORY SINGLE GANG ROTARY SWITCHES



Shorting Stock No.	Type Mfg. No.	Non Shor Stock No.	ting Mfg. Re.	Poles	Posi- tions	Net Each
30 R 40011	3115/	30 R 40136	3215/	1	5	1.20
30 R 40029	311121	30 R 40144	32112)	1	12	1.20
00 B 40037	31221	30 R 40151	32221	2	2	1.20
30 8 40045	3123J	30 R 40169	32231	2	3	1.20
30 R 40052	3126)	30 R 40177	32261	2	6	1.20
00 R 40060	31341	30 R 40185	3234J	- 3	4	1.24
30 R 40078	3142/	30 R 40193	3242)	4	2	1.24
30 R 40086	3143J	30 R 40201	3243J	4	3	1.24
30 R 40110	3136/	30 R 40235	3236J*	3	6	1.93
30 R 40128	31631*	30 R 40243	3263J°	6	3	1.93

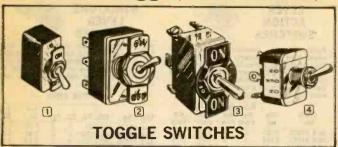
#### PHENOLIC MINIATURE ROTARY SWITCHES



Stators and rotors use Richardson 1725 grade phenolic, Mas common contact on same side as the switching contacts. Commercial equivalent to Mil. 5-3786. Breakdown voltage between contacts, and contacts and frames is 1700 V R.M.S., 60 cycles, Contact rating is 350 MA at 500 volts R.M.S. resistive load, Shaft is 2" long by 14" dia. with 1/2" spacing between wafers, Wafers are 11/4" dia. and 30° indexing. Overall dia. 1%", Supplied with knob, adjustable stop, lock washer and nut. Shog, wt., 5 oz.

Non-Sho	Cir. Per			1-4	5-9	
Stock No.	Mfr. No.	Sec	Sec.	Pos.	Ea.	Ea.
30 R 41720	4M21111	1	1	11	1.98	1.65
30 R 41738	4M2215	2	1	5	1.98	1.65
30 R 41746	4M21211	- 1	- 2	11	2.84	2.37
30 R 41787	4M2225	2	2	5	2.84	2.37
30 R 41803	4M21511	1	5	11	4.93	4.11
30 R 41811	4M2323	3	2	3	2.84	2.37
30 R 41837	4M21611	1	6	11	5.54	4.63
30 R 41852	4M2245	2	4	5	4.20	3.51

### Switches—Toggle, Push-Button, Slide & Telephone



1 SPST BAT HANDLE

Rated 3 amps—125V. Body size 11/ax3/4x1/2" behind panel. Bushing 7/16" diam. 7/16" long. Bat handle 1/2" long. Shpg. wt., 3 oz. imported.

99 R 61509 In lots of 10, ea. .29

2 HEAVY DUTY 6 AMP DPDT

Rated 250V at 3 Amps or 125V at 6 amps. Switch body 1¼ x 3/4 x 7/8" behind panel including terminals. Bushings 15/32" Dia. 7/16" long. Bat handle 1/2" long. Shpg. wt.,

Net ea. .44 In lots of 10, ea. .40

3 6 AMP, DPDT CENTER OFF

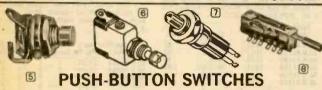
Rated 6 amps, 125 V.A.C. 1% x3/4x1" behind panel including screw terminals. Bushing 7/16 x 7/16". 5/8" bat handle, Shpg. wt., 7/16 x 7/16". 3 oz. Imported. 99 R 61483

Net ea .55 In lots of 10, ea. .50

4 10 AMP, SPDT CENTER OFF

Rated 10 amps at 125V. Silvered lugs for low loss connections. Body size 1½x9/16x 5/8" depth behind panel. Bushings 3/8" bia, 7/16" long. Bat handle 1/2" long. Shgg, wt., 3 oz. Imported. Shpg. wt., 3 99 R 61558

Lots of 10, ea. .40



5 MINIATURE MOMENTARY

Momentary contact push-button switch ideal for all miniaturized applications. Single pole two circuit push-to-make type. Berylium copper leaf contacts. Overall diameter 1/2", overall depth 11/16", protrudes 3/8" behind panel. Bushing 1/4" dia., 3/16" long. Supplied with washer and mounting nut. Shpg. wt., 3 oz, Imported.

Miniature Push-Button Switch.

In lots of 10, ea. .21 **7** SUB-MINIATURE MOMENTARY

Momentary contact push button switch. SPST, non-snap action. Rated 115V AC at 100 ma. Overall dimensions 3/8x3/4"L. Bushing 1/4" long. Shpg, wt., 2 oz. Imported.

99 R 61590

Net ea. .26 5 for .23

6 ILLUMINATED P.B SWITCH

[6] ILLUMINATED P.B, SWITCH
A compact illuminated switch which will indicate mode of operation at a glance. Button
lights in "ON" position. Takes no more space
than conventional switches. Lamp is built
into push handle. SPST Type. Current capacity, 10 Amps at 125VAC, 6A at 250V AC,
insulation resistance, 100 meg ohms or more
at 500V DC. Solder terminals. Single-hole
mtg. Mount in 13,64 hole, 1½" behind
panel. Shpg. wt., 3 oz. Imported,
98 R 61321 99 R 61921

**8** MINIATURE 4 PDT SPRING RETURN

Push button switch, ideal for ham or citizens band. Rated at 800 milliamp for 100V AC. Ideal for transistor application. Heavy duty spring. Two circuit operation. Measures 1½x 5/16 x 1/2" plus 1/2" plunger. Shpg. wt., 2 oz. Imported.

99 R 61756

Net ea. .49

#### RUGGED TELEPHONE TYPE 4PDT LEVER SWITCH

CHROME PLATED CAM



Telephone Type 4 PDT, Lever switch: 3 posi-tion lever action switch of non induction con-struction. Has 4 sets of SPDT contacts—Has 3 locking positions—Heavy insulated rollers.
Panel mount, 15/16" mounting centers. Size:
21%" long behind panel, 5/8Wx1%, "H. Shpg.
wt., 3 oz. imported.

99 R 61491

Net ea. .79 In Lots of 5.69

MINIATURE DPDT SLIDE SWITCH

Perfect for ultra-small switch applications. Rated current capacity, 3 amps at 125 volts. Can withstand up to 1000V AC. Solder lug terminals. Measures 15/16L x 1/4W x 3/8" D. Mounting centers: 13/16". Shpg. wt., 2

99 R 61863

3PDT AC-DC SLIDE SWITCH

3 PDT AC-DC Slide Switch: Rated at 500 microamps at 100V. Solder lug terminals. Measures 3/4"wK13" wtx7/8"D. Overall including 5/16" trigger. Mounting centers 1¼". Shpg. wt., 4 oz. Imported. 99R 61665

In lots of 10, ea. .25

DELAY ACTION SWITCHES FOR



 Keeps light on for 60 seconds after turning off switch

For the home, install in regular wall outlet, Keeps outside lights on for 60 seconds while you go to car, Rated 10 amps 125V (Fig. A) Shpg. wt., 5 oz. 34 R 38058 Net 2.39

For the car, Keeps car lights on for 60 sec-onds while you walk to house then turns them off automatically. Easy to install in any 6 or 12 Volt car, 31/4 x 13/4" diam, (Fig. B)

Shpg. wt., 6 34 R 46010

Net 2.39



#### SLIDE SWITCHES AT LOW PRICES

Compact slide switches in cadmium steel housings, Ali rated 3 amp at 125 voits AC. mounting centers. Shpg. wt., 3 oz.

Stock No.	Circuit	Net Each	Lots 10 Each
34 R 37035	SPST	.19	1.65
34 R 37043 34 R 39114	SPDT	.22	1.95 2.15
34 R 39122	DPDT	.26	2.35

#### **ULTRAMINIATURE SPDT SLIDE** SWITCH



Exceptionally shallow design—only 1/8 deep for panel mounting. Contact resistance: 1/20 ohm or less; Insul. res., 20 megohms at 500V DC., max. AC current 0.5 amps. Withstands 600V AC. Size 5/81/85/16". Size of switch body, mounting ears add 1/2" to overall length. Mfg. centers 1". Shpg. wt., 2 oz. Imported. Exceptionally shallow design-only 1/8" deep 99 R 61897

MIDGET-BAKELITE KNIFE SWITCHES



Complete switches mounted on black bake-lite base with insulated knob handle of black bakelite. Plated brass contacts provide posi-tive low-resistance connection. Imported.

Overall size 14-x24x. Shop. wt., 2 oz. 99 R 61525 ..... Net .19 ea.—10 for 1.69 DPDT KNIFE SWITCH

Overall size 1%x2%". Shpg. wt., 3 oz. 99 R 61533 Net ea, .29 In Lots of 10 .25 ea. 99 R 61533

### MASTER DISCONNECT SWITCH



 Disconnects Battery & Generator Circuits With A Single Switch

With a filip of a single lever protect cars, boats against fires resulting from shorts, battery run down due to appliances unknowingly left on, theft by ignition "jumping" (when mounted in concealed position). Perfect for cars, boats, heavy equipment. All steel construction, operates on ball bearings for quick, easy operation and rapid reset. Fits 6 or 12 volts. Shpg, wt., 1¼ ib. 11 R 87012 Net 6.75

Make Lafayette Your One Dependable Source for Everything in Electronics

### Switches for Industry and Experimenters

#### MAGNETIC PROXIMITY SWITCH



 Magnet Switch—Circuit Closes When Magnet Approaches Switch

 Activating Magnet Supplied Hermetically Sealed

An ingenious little device that has untold An ingenious little device that has untoid uses in the home—in a burglar alarm system, electric trains, "mage tricks," and many more. As the magnet approaches the switch, the circuit closes. Hermetically sealed; precious metal contacts: 1 millisecond actuation. 15 watts resistive max. up to 1 amp to 250 volts. Size: 2%, "with leads. 34 R 44015 Shpg. wt., 3 oz. .... Net 1.89

#### MERCURY SWITCH KIT

· Silent-Swift Positive Action

Hermetically Sealed In Glass

This kit of five mercury wetted switches is ideally suited to the needs of hobbyists and experimenters. Tilt activated switches come in varying shapes and current carrying capacities, With recommended maximum load at 115V AC resistive, the largest switch is rated at 5 amps., 115V. AC with smaller types rated down to 1 amps., 115V AC or less. 19 R 21253 Shpg. wt., 4 02 ... Net ea. 2,98

#### LINEMASTER FOOT SWITCHES



Model B-2-S "Executive." Two momentary 

Model T51-S "Treadlite". Compact, rugged. SPDT momentary contacts rated 7 amps at 125-250v. AC. 1/2 M.P. at 115v. AC. Rubber tread and skid-proof base 31/2x25/sx1", Shpg. wt. 1002.

34 R 36011 Net ea 2 90 Model 751-SG-Same with a six ft. cord and two prong series plug. U.L. Listed, Shpg. wt., 1 lb.

34 R 36029

Model T-51-SC-3—Same as above but with 3 conductor cord and 3 prong grounded series plug. U.L. Listed. Sapg. wt. 1½ lb. 34 R 360/8 Net ea. 5.60

Model 491-5 "Compact"—SPDT momentary contacts rated 10 amps 125v. AC, ½ HP at 115v. AC, Steel housing, black wrinkle finish, skid-proof base, 2½x2½x2½x2½, "Wt, 9 oz. 34 R 36037

Model 491-SC3-Same with eight foot cord and three prong grounded series plug. Shpg. wt., 1¼ lbs. U.L. Listed.

34 R 36094 Net ea. 6.45

Depend on Lafayette For Complete Stocks, Lowest Prices, Fastest Service

#### HEAVY DUTY LOCK SWITCH



 For Rurglar Alarm Systems · Hidden Auto Disconnect

Heavy duty bakelite construction insures internal resistance and greater minimum internal resistance and greater current carrying capacity. Extra heavy contacts. Terminals set for simple installation—well recessed to prevent shorting. Installs in any hole from 3/4" to 11/6" la dia., in any panel up to 3/4" thick. Two terminal single throw. Key can be removed in both "on" and "off" position. Prevents tampering with throw. Key can be removed in both 'on' and 'off' position. Prevents tampering with automotive equipment. Activates alarm systems—only key can shut off. Suitable for marine equipment. With 2 Reys. Wt., 5 oz. 33 R 64015 Net 1 59

#### ILLUMINATED "SEE-SAW" SWITCH

SPST. Flip action, rocker SPST, Filip action, rocker arm type, rated at 125V AC, 10 amp, illuminated. Fully enclosed. Mounts flush in panels up to 1/8" thick. Requires mounting hole 1½x5/8". Mtg. centers 11/16-Imported. Shpg. wt., 1/4 lb. 99 P 52598

Net ea. 1.09 Lots of 10 ea. .99

#### DPDT 'SEE-SAW" SWITCH



Flip action, rocker arm type equipment switch. Mounts flush in oanel up to 1/8" thick. Requires rectangular mounting hole 1/2 x 1½" long. Mtg. centers 1½". Rated 4 amps at 125V AC, Imported. Wt. ¼ ib. 99 R 61574 Net €a. .59

#### 4 POLE-3 POSITION



Lots of 10 ea. .54

Four pole rotary selector switch, 3 positions per pole. Useful in hi-fi preamps and stereo applications. Spring loaded, positive detent action. Shorting type. Over-all diameter 1½". Depth behind panel, including lugs, 3/4". Bushing 3/8 x 3/8" 1/4" knurted shaft, 1½" long. Shpg. wt., 3 ozs. Imported. 99 R 61566 Net ea. .59 Lots of 10 ea. .53

#### RUGGED LEVER SWITCH FOR **AUDIO AND INTERCOMS**



4PDT Audio Lever Switch: Has 2 dual sets of single pole, double throw contacts. One set is momentary contact-spring return, (press-to-talk). In the reverse position of the lever (dictate), the second set of contacts remain in the positive position until released, Panel mounting, mtg. centers 1" apart. Size 21/4" long behind panel. 1%,"W x 1"H. imported. Shpg. wt., 4 Net ea. 1.09

#### HART AND HECEMAN MOMENTARY PUSH RUTTON SWITCHES



Metal base push switches with (aminated phenolic sections, slotted sleeve 15/32 phenolic sections, slotted sleeve 15/32 diam., 7/16" long, Ail have solder lug terminal, and plain tops, Complete with mount-ing ring and nut, Rated 1A 125 VAC. Shoe

Section 1	Mfg.	1- Net	Each
Stock No.	No.	24 2	5-Up
2 CIRCUIT	ONE N.O., O	NE N.C.	-
34 R 34503	3392E	1.05	.97

Identical to the above switches except slotted sleeve is 11/2" by 1/4" long. Shpg. wt., 3 oz. 2 CIRCUIT ONE N.O., ONE N.C.

34 R 34537 3392 1.05 NORMALLY CLOSED-SPST 34 R 34560 3391 BORMALLY OPEN SPET 24 P 24594 2201E

Type 3391-194 Spap-On Insulator Buttons for any of the above switches, Wt. 2 oz. 34 R 34628 Red 34 R 34636 Black Net ea. .24 Net ea. 24

#### SWITCHCRAFT TIMI-SWITCH

Subminiature push-button switch for use in limited space applications. Specially useful in miniaturized-transistor devices, micro-phones, intercoms or wherever an extra small switch is desired. One-piece plastic shaft available in red or black, Suitable for low level circuits only. No-normally open. NC-normally closed. Threaded 1/4" bushing. 11/16" long, requires 3/8" behind panel. Shpg. wt., 2 oz.

#### Black Type

Stock No.	Mfg. No.	Contracts	Net ea.
34 R 60011	961	SPST-NO	.63
34 R 60029	962	SPST-NC	.63
34 R 60037	963	SPDT	.75
	Red	Type	
34 R 60045	951	SPST-NO	.63
34 R 60052	952	SPST-NC	.63
34 R 60060	953	SPOT	.75

#### REAR SEAT SPEAKER CONTROLS





Controls come completely mounted on black and silver metal plate with ivory pointer knob plus attached wiring for connections to both speakers. With mounting hardware and instructions, Imported, Shpg. wt., 3 oz.

Controls the volume of both front and rear speakers, Gradually reduces the volume on one while increasing volume on the other. 32 R 22585

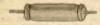
SWITCH TYPE (Fig. A)
Gives choice of front speaker alone, rear speaker alone, or both together. 32 R 22577

PUSH-BUTTON TYPE (Fig. B)
Just push a button to select front speaker alone, rear speaker alone, or both together 32 R 22569 Net ea. 1.24 Net ea. 1.24

Lafayette Cat. No. 720 271

## Selected Replacement Capacitors.

### SPRAGUE 500D MINIATURE METAL-CASE ALUMINUM ELECTROLYTIC CAPACITORS



- Hermetically Sealed
- With Plastic Sleeves

keliable, miniature atuminum electrolytic capacitors suitable for miniature electronic circuitry. Excellent replacement for transistorized equipment. Dia. varies from 134," to 234,", lengths vary from 334," to 134,". Shpg. wt., 2 oz.

Stock No.         μF         1-99 100 Up         Stock No.         μF         1-99 100 Up           34 R 85273         1         .48         .315         34 R 85588         1         .48         .311           34 R 85291         2         .48         .315         34 R 85506         2         .45         .30           34 R 85299         3         .48         .315         34 R 85604         5         .48         .33           34 R 85315         10         .48         .33         34 R 85620         0         .48         .31           34 R 85331         20         .48         .33         34 R 85646         25         .54         .36           34 R 85331         20         .48         .33         34 R 85666         25         .54         .36           34 R 853565         100         .57         .39         34 R 85661         50         .60         .40           34 R 85364         150         .60         .40         34         885679         75         .63         .43           34 R 85372         200         .57         .39         34 R 85679         75         .63         .43           34 R 855380         250	-	100		Each			Net	Each
34 R 85273     1     48     .315     34 R 85588     1     .48     .315       34 R 85281     2     .48     .315     34 R 85596     2     .45     .30       34 R 85299     3     .48     .315     34 R 85604     5     .48     .33       34 R 85315     10     .48     .33     34 R 85620     10     .48     .33       34 R 853315     10     .48     .33     34 R 85636     15     .51     .345       34 R 85331     20     .48     .315     34 R 85666     5     .54     .36       34 R 85331     20     .48     .315     34 R 85666     5     .54     .36       34 R 85346     10     .57     .39     34 R 85653     35     .57     .39       34 R 85366     10     .57     .39     34 R 85679     .75     .63     .43       34 R 85372     200     .57     .39     34 R 85697     .75     .63     .42       34 R 85380     250     .60     .405     34 R 85695     100     .66     .45       34 R 85380     250     .60     .405     34 R 85695     150     .66     .46	Stock No.		1-99	100 Up	Stock No.	μF	1-99	100 Up
34 R 85289     2     48     .315     34 R 85596     2     .45     .30       34 R 85299     3     48     .315     34 R 85604     5     .48     .33       34 R 85315     10     .48     .33     34 R 85622     10     .48     .31       34 R 85231     15     .48     .33     34 R 85620     10     .48     .33       34 R 85331     20     .48     .315     34 R 85638     15     .51     .345       34 R 85349     25     .51     .345     34 R 85653     35     .57     .39       34 R 853664     150     .60     .405     34 R 85661     50     .60     .405       34 R 853664     150     .60     .405     34 R 85687     75     .63     .433       34 R 85372     200     .57     .39     34 R 85687     100     .63     .42       34 R 85380     250     .60     .405     34 R 85695     150     .66     .405						25 Volt	7	
34 R 85299     3     48     315     34 R 85596     2     45     30       34 R 85299     3     48     315     34 R 85604     5     48     331       34 R 85315     10     48     33     34 R 85620     10     48     31       34 R 85315     15     48     33     34 R 85638     15     51     34       34 R 85331     20     48     315     34 R 85638     15     51     34       34 R 85336     100     .57     .39     34 R 85661     55     .57     .39       34 R 853664     150     .60     .40     34     85679     75     .63     .43       34 R 85372     200     .57     .39     34 R 8567     75     .63     .43       34 R 85380     250     .60     .40     34     85695     150     .66     .45       34 R 85380     250     .60     .40     34     85695     150     .66     .42						1	.48	.315
34 R 85317     5     48     .315     34 R 85612     6     48     .31       34 R 85315     10     48     .33     34 R 85620     10     48     .33       34 R 85331     15     .48     .33     34 R 85638     15     .51     .345       34 R 85331     20     .48     .315     34 R 85664     25     .54     .36       34 R 85349     25     .51     .345     34 R 85653     35     .57     .39       34 R 853664     150     .60     .405     34 R 85661     50     .60     .405       34 R 85372     200     .57     .39     34 R 85687     75     .63     .43       34 R 85398     250     .60     .405     34 R 85695     150     .66     .405       34 R 85380     250     .60     .405     34 R 85695     150     .66     .42		2					.45	
34 R 85315     10     48     .33     34 R 85620     10     .48     .33       34 R 85323     15     .48     .33     34 R 85636     15     .51     .34       34 R 85331     20     .48     .315     34 R 85646     25     .54     .36       34 R 85349     25     .51     .345     34 R 85653     35     .57     .39       34 R 85366     100     .57     .39     34 R 85661     50     .60     .405       34 R 85364     150     .60     .405     34 R 85679     75     .63     .435       34 R 85372     200     .57     .39     34 R 85687     100     .63     .42       34 R 85380     250     .60     .405     34 R 85695     150     .66     .45						5	.48	.33
34 R 85323     15     .48     .33     34 R 85538     15     .51     .348       34 R 85331     20     .48     .315     34 R 85646     25     .54     .36       34 R 85336     100     .57     .345     34 R 85653     35     .57     .39       34 R 85366     150     .60     .405     34 R 85679     .75     .63     .43       34 R 85372     200     .57     .39     34 R 85677     .75     .63     .43       34 R 85380     250     .60     .405     .34 R 85695     .50     .66     .45       34 R 85380     250     .60     .405     .34 R 85695     .50     .66     .45							.48	.315
34 R 85331     20     .48     .315     34 R 85646     25     .54     .36       34 R 85349     25     .51     .345     34 R 85653     .35     .57     .39       34 R 85365     100     .57     .39     34 R 85661     50     .60     .60     .40       34 R 85364     150     .60     .405     34 R 85679     .55     .63     .435       34 R 85372     200     .57     .39     34 R 85687     100     .63     .42       34 R 85380     250     .60     .405     34 R 85695     150     .66     .45								.33
34 R 85349 25 51 .345 34 R 85653 35 .57 .39 34 R 85356 100 .57 .39 34 R 85661 50 .60 .405 34 R 85364 150 .60 .405 34 R 85679 75 .63 .433 34 R 86372 200 .57 .39 34 R 85679 75 .63 .433 34 R 85372 200 .57 .39 34 R 85697 100 .63 .42 34 R 85898 250 .60 .405 34 R 85695 150 .66 .42								.345
34 R 85356 100 .57 .39 34 R 85661 50 .60 .405 34 R 85364 150 .60 .405 34 R 85679 75 .63 .435 34 R 85372 200 .57 .39 34 R 85687 100 .63 .42 34 R 85380 250 .60 .405 34 R 85695 150 .66 .45								
34 R 85384 150 60 .405 34 R 85679 75 63 .435 34 R 85372 200 .57 .39 34 R 85687 100 .63 .42 34 R 85380 250 .60 .405 34 R 85695 150 .66 .45								
34 R 85372 200 .57 .39 34 R 85687 100 .63 .42 34 R 85380 250 .60 .405 34 R 85695 150 .66 .45								
34 R 85380 250 .60 .405 34 R 85695 150 .66 .45								.435
34 R 85398 300 69 465 34 R 85703 200 72 405								
				.465	34.R 85703	200	.72	.495
34 R 85406 400 .66 .45 50 Volt	34 K 85406	400	.66	.45	10.00			
34 R 85711 1 .45 .30								
34 R 85729 2 .48 .33			-	-		2		
								.315
		16 Vott						.345
34 R 85414 1 .48 .315 34 R 85752 10 .45 .30	34 R 85414	1	.48	.315				
	34 R 85422	2	.48					.375
								39
34 R 85448 6 .48 .33 34 R 85786 50 .63 .42								
								, .45
					34 H 85802	100	.72	.495
34 R 85471 15 .51 .345 100 Volt								
34 R 85489 20 .48 .33 34 R 85810 2 .57 .39					34 R 85810	2		.39
								.435
						5		.45
								.495
34 R 85521 50 .54 .36 34 R 85851 20 .78 .529					34 R 85851	20	.78	.525
34 R 85539 75 .54 .375 150 Volt					Marie Control	150 Vali		
34 K 83547 100 .57 .39					34 R 85869			.375
34 K 85554 150 .60 .405								.435
34 N 33362 ZUU .00 .40								
34 R 85570 350 .78 .525 34 R 85885 10 .72 .46							11111	

#### ECONOMY TUBULAR ELECTROLYTICS

These electrolytic capacitors are specifically designed for service replacement applications. All single electrolytics are hermetically sealed in aluminum cans with outer cardboard insulating sleeves and have solid tinned copper leads. Dual and triple section electrolytics have wax impregnated cardboard tubes with mounting strap, and color coded insulated flexible leads. Avg. shpg. Wt., 4 02.



WL., 4 02.				
Stock No.	Mfd.	w.v.	Net Each	Net Each in Lots of 10
32 R 01100	10	25	.40	.36
32 R 01118	25	25	.42	.38
32 R 01126	20	150	.48	.43
32 R 01134	40	150	.54	.49
32 R 01365	150	150	.76	.68
32 R 01142	8	450	.50	.45
32 R 01159	20	450	.66	.59
32 R 01167	40	450	.76	.68
32 R 01373	80	450	1,47	1.05
32 R 0 1 381	100	450	1.28	1.15
	Dual Section	n Tubular Elect	relytic	
32 R 01175	20-20	150	.55	.49
32 R 01183	30-30	150	.58	.52
32 R 01191	40-40	150	.62	.56
32 R 01209	50-30	150	.60	.54
32 R 01217	50.50	150	.73	.66
32 R 01399	80-50	150	.79	.71
32 R 01407	100-50	150	.86	.77
	Triple Secti	on Tubular Elec	trolytic	
32 R 01415	40-40-20	150	.86	.77
32 R 01423	50-30-20	150	.86	.77
32 R 01431	80-40-20	150	.93	.84
WID	E RANGE E	LECTROLYTI	C CAPAC	ITOR
Re	places A Hos	t of Popular		

#### Replaces A Host of Popular Combinations



Compact unit which provides exact electrical replacement for 8 original standard 150 VDCW capacitors used principally in printed circuit home radio receivers. 1" dia. x 2½"1. Shpg. wt., 3 oz. Replaces all of the following:

Replaces all of the following: 50-30 mfd. 70-30 mfd. 75-30 mfd. 60-40 mfd. 80-40 mfd. 50-50 mfd. 70-50 mfd. 80-50 mfd. 33 R 56300 Net 1,32

#### CERAMIC DISC CAPACITORS

	-		RATED
	(00)		1000
	16 "		
A	M	RI	DCWV
Stock No.	Cap.	Stock No.	Cap.
32 R 01472	5µ uf	32 R 01720	250 µµf
32 R 01480	6.8µµf	32 R 01738	270 µµf
32 R 01498	10 μμ f	32 R 01746	300 µµf
32 R 01506	12µµf	32 R 01753	330 µµf
32 R 01514	15μμf	32 R 01761	390 µµ1
32 R 01522	18µµf	32 R 01779	470 µµ1
32 R 01530	20 μμή	32 R 01767	500 µµf
32 R 01548	22 µµf	32 R 01795	560 µµf
32 R 01555	25μμf	32 R 01803	680 µµf
32 R 01563	27 µµ1	32 R 01811	750 µµf
32 R 01571	30 µµf	32 R 01829	.001µf
32 R 01589	33µµf	32 R 01837	.0012µ!
32 R 01597	39µµf	32 R 01845	.0015µf
32 R 01605	47 μμ1	32 R 01852	.0018µf
32 R 01613	50 µµf	32 R 01860	.002µf
32 R 01621	56μμf	32 R 01878	.0022µf
32 R 01639	68µµf	32 R 01886	.0025µf
32 R 01647	75μμ1	32 R 01894	$.0027 \mu f$
32 R 01654	82µµ!	32 R 01902	.003µf
32 R 01662	100 и и f	32 R 01910	.0033µf
32 R 01670	120 дде	32 R 01936	.0047µf
32 R 01688	150μμή	32 R 01944	.005µf
32 R 01696	180 μμf	32 R 01951	.006841
32 R 01704	200 MM	32 R 01969	.01 uf
32 R 01712	220μμή	Shpg. wt., 2	02.

Assort any of above for quantity price 10 for .90; Singly, each .10.

#### HIGH CAPACITY DISCS

32 R 09483	10 for 1.26
.32 K 03463	Singly, ea14
.02 μf. Shpg. wt., 2 oz.	10 for 1.44
32 R 09491	Singly ea16

### LAFAYETTE SUBMINIATURE SQUARE

CERAMIC CAPACITORS

75 VOLT MICROMINIATURE
Dependable conservatively
rated ceramic capacitors
designed for greatest capacitance in the smallest size.

	Туре	Сар. иF	Size LxWxThick.	Net Each	of 10, Each
33	R 69014	0005	1/8x 1/8x%."	.20	.18
33	R 69022	001	1%4X1%4X%4"	.20	.18
33	R 69030	.002	1164X 1 164X 84"	.20	.18
33	R 69048	.005	1%ax1%ax%a"	.20	.18
33	R 69055	.01	Xx XxXx"	.27	.24
33	R 69063	.02	13/2×13/2×3/4"	.29	.26
33	R 69071	.05	31/4x31/4x1/61"	.32	.29
33	R 69089	.1	15/2×15/2×1/8"	.57	.51
33	R 69097	.2	%ex %ex 1/8"	.76	.68

#### CERAMIC DISC KIT 48 VALUES



# A fine selection of 48 ceramic disc type capacitors, Values included range from .001 mfd to 2 mmfd. Voltage ratings range from 50 to 5000 voits DC. Ideal selection for servicemen, builders and experimenters. Shgg. wt., 3 oz. Net .98

#### SPRAGUE HYPASS CAPACITORS

Three terminal network feed-thru capacitors, By-pass VHF currents (up to 150Mc). Suppress TVI from shortwave transmitters, diathermy machines, etc. Reduce vibrator hash, harmonic radiation generato



monic radiation generator and regulator noise, Wt., 4 oz.

\* Have female screw terminals; + Bulkhead mounting.

Stoc	k No. 1	ype No.	HF F	Imps	WADC	Net
34 R	83336	48P18*	.5	40	50	3.03
34 R	83344	48P8*	.1	20	600	1.98
34 R	83351	46P12	.002	15	600	1.62
34 R	83369	80P3°+	.1	20	600	2.16
34 R	83377	47P16	,002	20	5000	3.00

### MICA CAPS.

AS LOW AS

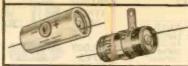
99°



A kit of popular mica capacitors for servicemen. Contains 50 popular sizes. A handy assortment for any service shop or experiment. Shpg. wt., 1/2 lb.

34 R 72016 Net 1.19
Lots of 3 Ea. .99

### **Cornell-Mallory-Sprague-Aerovox**



### **TUBULAR ELECTROLYTIC** CAPACITORS



#### CORNELL BLUE BEAVER

Cornell Dublier types BR and BRRD are dry electrolytics in compact aleminum cases. Highest quality for TV general replacement with extra safety for high surge voltages in power supplies. Very low lealage. Operating temperature up to 85°C.

#### MALLORY TO

Mallory type TC dry electrofytic capacitors are housed in aluminum containers. These compact units are of the highest quality and are ideal for use in TV radio and general replacement in electronic circuitry. Low leakage and built-in safety factors against high voitage surges. Departing temperature up to 85°C.

#### SPRAGUE "ATOMS"

Sprague types TVA and TV are dry electrolytics in extremely compact metal cases. They are designed to withstand high surge voltages and high ripple currents making them ideal for TV replacements, power supplies, etc. Leakage is very low. Efficient at temperatures up to 85°C.

#### **AEROVOX DANDEE**

Aeronox type PRS are dry electrolytic in compact aluminum cases. Dependable replacements for TV and all electronic equipment when a quality unit is required. Feature low leakage high wortage surge protection and operating temperature up to 85°C.

SINGLE SECTION						1 3			
Stock	Cap.	NET EA	CH IN L	OTS OF 25-	Stock	Cap.	NET EA	CH IM L	0TS OF
No.	MFD.	W.V.		49	No.	MFD.	W.V.	1-24	49
33 R 15082 34 R 84011	1000	3	1.05	.82	34 R 55409	40	150	.81	.64
34 R 55102	100	6	.57	.45 .56	34 R 55417 34 R 55425	50 60	150 150	.84	.66
34 R 55110	250	6	.81	.64	34 R 55433	80	150	.96	.76
34 R 55128	500	6	.93	.74	34 R 55441	100	150	1.05	.83
34 R 55136 34 R 75027	1000 1500	6	1.26	.99	34 R 55458 34 R 75134	150 200	150 150	1.35	1.03
34 R 75035	2000	6	1.38	1.09	34 R 75373	300	150	1.68	1.30
34 R 75043 34 R 75050	100 250	12	.72	.57	33 R 15421° 34 R 75381	200	200 250	1.70	1.27
34 R 75068	500	12	1.02	.80	33 R 15124	5	250	.75	.54
34 R 75076 34 R 55144	1000	12	1.35	1.07	34 R 75142 33 R 15132	10	250 250	.69	.54
33 R 15090	200	15	.90	.67	34 R 55466	12	250	.75	.59
34 R 55151	250	15	.93	.74	34 R 55474	16	250	.78	.61
34 R 55169 34 R 55177	1000	15 15	1.05	.83 1.09	34 R 55482 34 R 55490	20 30	250 250	.81	.64
34 R 55185	2000	15	1.92	1.43	34 R 55508	40	250	.93	.74
34 R 56225 34 R 56233	<b>300</b> 0 <b>4</b> 000	15	3.00	1.82 2.25	34 R 55516 34 R 55524	50	250 250	1.02	.81
34 R 56241	5000	15	3.27	2.45	33 R 15439°	140	300	1.85	1.38
34 R 84029	2	25	.54	.43	34 R 55532	4	350	.63	.50
34 R 84110 34 R 75084	10	25 25	.60	.46	33 R 15140 34 R 75159	10	350 350	.63	.50
34 R 75092	16	25	.60	.43	34 R 55565	16	350	.84	.67
34 R 55193 34 R 55201	20	25	.60	.48	34 R 55573 34 R 75167	20	350 350	.87	.69
34 R 55219	50	25	.66	.52	34 R 55581	30	350	.99	.78
34 R 55227 34 R 55235	100 250	25 25	1.02	.64	34 R 55599	40	350	1.05	.82
34 R 55243	500	25	1.38	1.09	34 R 55607 34 R 75399	50 60	350 350	1.11	.87
34 R 56258	1000	25	2.37	1.39	33 R 15447*	150	400	2.38	1.77
34 R 56266 33 R 15108	2000	25 50	2.91	2.19	34 R 55615 34 R 55623	1 2	450 450	.66	.52
34 R 75100	2	50	.54	.43	34 R 55631	4	450	.69	.54
34 R 55250	5	50	.60	.46	33 R 15157	5	450	.72	.62
34 R 55268 34 R 75118	10	50 50	.60	.47	34 R 55649 34 R 55656	10	450 450	.75	.60
34 R 55276	25	50	.63	.49	34 R 55672	16	450	.84	.66
34 R 75126 34 R 55284	50 100	50	.72	.57	34 R 55680 34 R 55698	30	450 450	.93	.74
34 R 55292	150	50	.93	.73	34 R 55706	40	450	1.02	.81
34 R 55300 34 R 55318	250 500	50	1.05	.83	34 R 75175 34 R 55714	50 60	450	1.26	.99
34 R 56274	1000	50	2.34	1.13	34 R 55722	80	450 450	1.41	1.12
34 R 58189	1500	50	2.2B	1.02	34 R 75183	100	450	1.92	1.53
34 R 58197 34 R 55326	2000	150	3.48	2.60	34 R 55730 34 R 55748	8	500	.72	.56
33 R 15116	5	150	.60	.48	34 R 75191	10	500	.81	.64
34 R 55334	8	150	.63	.49	34 R 55771	20	500	.96	.83
34 R 55342 34 R 55359	10	150 150	.63	.48	34 R 55789 34 R 55797	30	5 <b>00</b>	1.05	.79 1.42
34 R 55367	16	150	.69	.52	34 R 55805	10	600	2.19	1.70
34 R 55375	20	150	.72	.56	34 R 55821 34 g 75209	16	600	2.49	2.00
34 R 55383	25	150	.75	.59	34 R 55839	8	700	1.74	1.33
34 R 55391	30	150	.78	.61	34 R 55862	16	700	2.25	1.69

#### STANDARD BRANDS

Because no one manufacturer offers all sizes, we have made this integrated list. Your order will be filled with one of the 4 famous brands illustrated. We will supply any particular manufacturers brand specified, if available in the size desired, Avg. shpg. wt., 4 ozs.

#### **DUAL SECTION-**COMMON NEGATIVE

Stock	Cap. NE	T EAC	I IN LO	TS OF
No.	MFD.	W.V.	1-24	49
33 R 15165	25-25	25	1.00	.77
34 R 55896	10-10	50	.96	.75
34 R 55912	20-20	150	1.05	.80
34 R 55920	20-20	150	1.02	-
34 R 55938	30-30	150	1.08	.86
34 R 55946 34 R 55961	40-20 40-40	150	1.14	.88
34 R 55979	50-30	150	1.17	.91
34 R 55987	50-50	150	1.26	.96
34 R 84078	80-30	150	1.32	1.05
34 R 55995 34 R 75241	80-40 80-50	150 150	1.32	1.01
33 R 15470*	100-50	150	1.62	1.21
34 R 56019	100-100	150	1.92	1.47
34 R 75290	10-10	250.	1.07	.85
34 R 56050 34 R 56084	20-20 8-8	250 450	1.11	.88
34 R 75308	10-10	450	1.23	.98
34 R 56100	16-16	450	1.35	-
34 R 56118	20-20	450	1.50	1.18
34 R 56126	30-30	450	1.95	1.51

#### DUAL UNITS

			-	
34 R 56142	15-15	150	1.37	1.14
34 R 56183	40-40		1.63	
22 0 15412	70.70	175	200	1.00

#### TRIPLE SECTION

Marine at the same of the same		<b>NET EACH</b>	IN LO	TS OF
Stock	Cap.			25-
No.	MFD.	M'A"	1-24	49
34 R 56324	30-25-20	150	1.80	1.40
34 R 56340	40-20-20	150	1.80	1.40
34 R 56357	40-30-20	150	1.86	1.44
34 R 56365	40-40-20	150	1.85	1.45
34 R 75456	50-30-20	150	1.89	1.50
34 R 56381	80-40-20	150	1.98	1.54
33 R 15280	80-50-50		2.10	1.63
34 R 56464	50-30-20	150/25	1.86	1.43

#### **OUADRUPLE UNITS**

	Stock No.	Cap. MFD. W.V.	1-24	25- 49
34	R 56647	50-50-50-20	-	
		150/25	2.07	1.63
34	R 83385	80-10-40-1000		
		400/400/300/50	3.27	2.50

\*Cardboard Tubular Wax-Filled Electrolytics

MET EACH IN LOTE OF

## **Twist Prong Capacitors**



CORNELL DUBILIER **TYPES** AA-BB-CC-DD

**AEROVOX** TYPE AFH

#### CAPACITORS SIZE CHART

			WACIARE	Suhk' Mr. O	UZ.	
Code	Dia.	хH	Code	Dia. x H	Code	Dia. x H
A	3/4	"x2"	F	1" x35%"	- 1	136"x31/2"
В	1"	x2"	G	136"x2"	K	136"x356"
C	1"	x21/2"	H	13/8"x21/2"	L	13/8"x4"
D	1"	x3"	1	13/8"x3"	M	136"x41/8"
E:-	1"	x31/5"				

SPRAGUE TYPE TYL



MALLORY TYPES FP-WP



#### STANDARD BRANDS:

Because no one manufacturer makes all sizes, we have made this comprehensive integrated list. Orders will be filled with

one of the famous brands listed above. Ideal for high ripple selenium rectifier circuits. Average shpg. wt., 5 oz. CINCLE CECTION TWICT PRONC

Stock No.	Mfd.	DCWV	Size		EACH 25-49	Stock No.	Mfd.	DCWV	Size		EACH 25-49	Stock No.	Mfd.	DCWV	Size		EACH 25-49
34 R 84771	4000	15	1	3.33	2.40	34 R 57991	120	200	G	1.57	1.06	34 R 76371	80	450	1	2.10	1.45
34 R 76025	500	50	G	1.83	1.20	34 R 76199	100	250	Ε	1.86	.98	34 R 76389	100	450	1	2.37	1.61
34 R 76033	1000	50	K	2.58	1.61	34 R 76207	150	250	H	2.13	1.15	34 R 76397	125	450	M	2.64	
34 R 76041	1500	50	G	3.03	2.01	34 R 83278	160	250	H	2.13	1.29	34 R 76413	10	500	В	1.17	
34 R 76082	100	150	C	1.38	.82	34 R 58015	200	250	1	2.52	1.46	34 R 76439	30	500	D	1.38	
34 R 76108	120	150	C	1.50	1.01	34 R 76306	150	350	K	2.73	1.60	34 R 76447	40	500	F	1.71	
34 R 76116	140	150	D	1.50	.90	34 R 76314	10	450	В	1.02	.72	34 R 76454	80	500	K	2.49	
34 R 76157	300	150	-1	1,95	1.33	34 R 76348	40	450	D	1.41	.97	34 R 76462	90	500	K	2.40	

	Cap,			1461	ERUII		Gap.			ME	CAUN		Cap.			NE.	EAUN
Stock No.	Mfd.	DCWV	Size	1-24	25-49	Stock No.	Mfd.	DCWV	Size	1-24	25-49	Stock No.	Mfd.	DCWV	Size	1-24	25-49
34 R 76702	20-20	150	В	1.17	1.05	34 R 76587	100-100	350	M	4_23	1.99	34 R 77023	50-50	450	- 1	2.64	1.73
34 R 76751		150	В	1,32	.88	34 R 76611	80-80	400	M	3.42	2.09	34 R 77072	80-40	450	K	3.48	1.91
34 R 76769		150	В	1.38	.88	34 R 83286		450-3	150 H	2,31	1.57	34 R 77148		500	H	1.95	1.34
34 R 76777		150	C	1.50	.91	34 R 76942		450	В	1.32	.90	34 R 77155		500	H	1.71	
34 R 76793		150	C	1.53	.91	34 R 76967		450	D	1.77	1.06	33 R 15397		500	- 1		1.56
34 R 76819		150	C		1.11	34 R 76975		450	_ D			34 R 77163		500	_ K		1.79
33 R 15371	80-50	150	C	1.65	.97	34 R 77015	40-40	450		2.37	1.56	34 R 77171	60-40	500	K	3.18	2.04
Sec. 1	-	E V	100	1111		TRIPLE	SECTI	DN TW	IST	PRO	NG		3 4	10		200	

Stock No.	Cap. Mfd.	MADC	Size	Ea.	Stock No.	Cap. Mfd.	WYDC Size	e Ea.	Stock No.	Cap. Mfd.	WYDC	Size	Ea
34 R 79581	80-60-250	150-150-10	Н	2.04	34 R 79938	80-40-100	350-350-200 I	4.48	33 R 15405	20-10-10	450	D	2.0
34 R 79649	80-40-20	150-150-25			34 R 74046	100-10-80	400-400-350 M	4.20	34 R 74236	20-20-20	450	H	2.4
34 R 79698	40-40-40	150		1.80	34 R 74087	10-10-20	450-450-25 B	1,65	34 R 74285	40-30-20	450	1	2,9
34 R 79730		150		2.01	34 R 74095	20-20-20	450-450-25 D	2.10	34 R 74301	40-40-20	450	K	3.0
34 R 79821	140-100-60	300-300-50	M	4.17	34 R 74111	40-40-20	450-450-25	2.70	34 R 74319	40-40-40	450	K	3.3
34 R 79847	80-40-40	300	- 1	3.27	34 R 74178	80-20-100	450-450-50 M	3.30	34 R 74350	80-40-20	450	M	3.7
34 R 79870	125-5-100	350-200-75	K	3.26	34 R 74228	10-10-10	450 C	1.80	34 R 74392	30-20-20	500	1	2.9

Stock No.	Cap. Mfd.	WVDC	Civo		ET EA	CH 50-99	Stock No.	Cap, Mfd.	WYDC	Cina		ET EAC	
		11100	SILC	1124	23-43	20.33	STOCK NO.	Cap. Miu.	WADC	Size		25-49	
34 R 74418	50-40-160-40	150-150-25-25	G	2.46	2,21	2,05	34 R 63310	80-50-20-50	450-450-250-50	L	4.11	2.29	1.84
34 R 74426	60-40-20-200	150-150-150-10	G	2.37	1.36	1.09	34 R 83328	80-50-10-20	450-450-450-25	L	3.99	2.28	1.83
34 # 58106	60-100-60-40	350-350-200-75	M	4 10	2 43	2.05	34 R 74848	40-30-10-20	450-450-450-25	01	3.09		
	40-40-40-40	350-350-350-25	-1			1.40		80-40-40-40	450-450-450-25	L	4.44		1.97
	70-40-10-50	350-350-350-50	i	3.63		1.42		10-10-10-10	450	G	2.31		
	100-20-10-20	350-350-350-50	i	3.72		1.44		20-20-20-20	450	- 1	3.24		
	40-40-40-40	350	K			1.60	34 R 74947	30-30-20-20	450	K	3,60		
	100-10-30-20	400-400-50-50	lc lc	3,51		1.53	34 R 74970	40-20-10-10	450	. 1 .	2.67	1.57	1.22
	80-40-10-100	400-400-400-200	M	4.38		1.84	34 R 73014	40-40-20-20	450	M	3.84	2.04	1.63
	30-20-160-40	450-450-250-150					34 R 73030	40-40-40-40	450	L	4,44	2.41	1.93
3-4 0330Z	30-20-100-40	430-430-230-130	_	4.08	2.13	1.72	34 8 73112	20-20-10-10	475	14	3,00	1.66	1.33

## Centralab Ceramic Capacitors

Low Voltage Capacitors for Transistor Circuits



TYPE UK AND UK-10 ULTRA-KAPS UK rated 3 WVDC, tolerance GMV; UK-10 rated 10WVDC; tol. +80%, -20%. Shpg. wt., 2 oz. TYPE UK TYPE UK

Stock No.	Mfrs. Type	Cap. mid.		Price 100 up
33 R 21221	UK104	.1	.42	.33
33 R 21239	UK224	.22	.30	.24
33 R 21247	UK474	.47	.30	24
33 R 21254	UK105	1.0	.36	.29
33 R 21262	UK225	-2,2	.42	.33
THE PERSON	TYPE I	IK.10		

TYPE UK-10										
33 R 21270	UK10-503	.05	.18	.14						
33 R 21288	UK10-104	.1	.18	.14						
33 R 21296	UK10-204	2	.30	.24						
33 R 21304	UK10-474	.47	.42	.33						

TYPE DM MIN KAPS

"½x½½½½"," thick; Durez Coated 150 WVDC;
Tolerance: " is +50%, —20%; all others
are +80-20%. Shpg. wt., 2 oz.

Stock No.	Mfrs. Type	Cap	1-99	100 up
33 R 21734	101*	.0001	.90	.72
33 R 21742	2013	.0002	.90	.72
33 R 21759	301*	.0003	.90	.72
33 R 21767	501°	.0005	.90	.72
33 R 21775	102*	.001	.90	.72
33 R 21783	202	.002	.90	.72
33 R 21791	302	.003	.90	.72
33 R 21809	502	.005	.90	.72
33 R 21617	103	.01	.90	.72
33 R 21825	2.502	2X .005	.90	.72

TYPE DA PLATE CAPACITORS
Size: %\*x%\*x%\*" thick. Tolerance —20% to
+100% 30 WYDC. Shpg. wt., 2 oz.

- "	Mfrs. Type	Cap	Net	Price
Stock No.	OA	mfd	1-99	100 MB
33 R 21171	203	.02	.36	.29
33 R 21189	503	.05	.81	.64
33 R 21197	104	.10	1.35	1.07



Stock No. DI	L No.		Sto	Ck No. 1		. Cap
33 R 24084	4R7	4.7	33 F	24282	151	150
33 R 24118	100	10	33 F	24290	181	180
33 R 24134	150	15	33.F	24308	201	200
33 R 24175	300	30	33 F	24332	271	270
33 R 24183	330	33	33 F	24340	301	300
33 R 24191	390	39	33 F	24357	331	330
33 R 24209	470	47	33 F	24381	471	470
33 R 24217	500	50	33 F	24399	501	500
33 R 24233	680	68	33 F	24423	751	750
33 H 24266		100	33 F	24431	821	820

NET EACH 1-49 .3			LOTS .285	OF
33 R 24449 33 R 24456	102 100			

33 F	24449 24456 24464 24472	102 10 122 12 152 15 202 20	1-99	.60 e	
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Tolerance +20%

### MENCO—SANGAMO—CENTRALAB

TYPE DM-10 (CMO4) DIPPED SILVERED MICA CAPACITORS Meets all the electrical requirements of military spec. #MIL-C-SC and EIA specification RS-153, All are 5% tolerance except \* = min tolerance ±1.0 pF. All 500 WYDC except \$\frac{1}{2}\$ is 300 WYDC and \$\frac{1}{2}\$ is 100 WYDC. Wt., 2 oz.

			NET EA	ACH					NET E	ACH
	Cap.	OM10-		10-			Cap.	DM10-		10-
Stock No.	μĒ	Type	1-9	99	S	tock No.	pF	Туре	1-8	89
30 R 35011	1*	010*	.15	.12	30	R 35227	62	620	.29	.17
30 R 35029	2*	020°	.15	.12	30	R 35235	68	680	.23	.17
30 R 35037	3*	030*	.15	.12	30	R 35243	75	750	.23	.17
30 R 35045	5*	050**	.15	.12	30	R 35250	82	820	.23	.17
30 R 35052	10	100	.23	.20	30	R 35268	91	910	.22	.18
30 R 35060	12	120	.23	.20	30	R 35276	100	101	.22	.18
30 R 35078	15	150	.23	.20	30	R 35284	110	111	.22	.18
	18	180		.20	30	R 35292	120	121	.23	.20
30 R 35094	20	200	.18 .	.15	30	R 35300	130	131	.22	.18
30 R 35102		220	.18	.15	30	R 35318	150	151	.23	.20
30 R 35110		240		.15	30	R 35326	160	161	.25	.21
30 R 35128	27	270	:18	.15	30	R 35334	180	181	.23	.23
30 R 35136		300		.15	30	R 35342	200	201	.29	.24
30 R 35144		330		.15	36	R 35359	220	221	.30	.26
30 R 35151	36	360		.17	30	R 35367	240	241	.32	.27
30 R 35169	39	390		.17	30	R 35375	250	251	,30	.26
30 R 35177	43	430	.20	.17	30	R 35383	270t	271	.30	.26
30 R 35185	47	470		.17		R 35391	300:	301	,34	.29
30 R 35193	50	500		.15		R 35409	3301	331	.32	27
30 R 35201	51	510		.17		R 35417	360+	361	.34	.29
30 R 35219	56	560		.17		R 35938	390+	391	.35	.30



#### TYPE DM-19 (CM06) DIPPED SILVER MICA CAPACITORS

TYPE DM-19 (C Style CIMO6) Operate from —55 to 150°C. Meets all electrical requirements of mill spec MILC-5C and EIA spec RS-153. Capacitance values 430-4700 - oF bear CMO6 type designations. All have ±5% tolerance. All 500 DCWV except \* 300 WV and † 180 WV. Shpg. wt., 2 oz.

			NET EACH	
Stock No.	Cap.	DM19 Type	1-9	10-
30 R 35425	100	101	.15	.12
30 R 35433	110	111	.15	.12
30 R 35441	120	121	.15	.12
30 R 35458 30 R 35466	130 150	131	.15	.12
30 R 35474	160	161	.15	.12
30 R 35482	180	181	.15	.12
30 R 35490	200	201	.15	.12
30 R 35508 30 R 35516	220	221	.15	.12
30 R 35524	250	251	.15	.12
30 R 35532	270	271	.16	.14
30 R 35540 30 R 35557	300	301 331	.16	.14
30 R 35565	360	351	.18	.15
30 R 35573	390	391	.18	.15
30 R 35581	430	431	.18	.15
30 R 35599 30 R 35607	470 500	471 501	.22	.18
30 R 35615	510	511	.22	.18
30 R 35623	560	561	.22	.18
30 R 35631	620	621	.23	.20
30 R 35649 30 R 35656	680 750	681 751	.23	.20
30 R 35664	820	821	.27	.23
30 R 35672	910	911	.27	.23
30 R 35680	1000	102	.29	.24
30 R 35698 30 R 35706	1100	112	.30	.26
30 R 35714	1300	132	.36	.30
£1.7.	As .	CENTI	DALAS	1000



### CERAMIC TRANSMITTING CAPACITORS.

Designed primarily for transmitter, induction heaters, X-Rays, etc. Toterance 850 type ±10%. 858 type ±20%. Mounting 44" long hex studs tapped 6/32 thread. All 7500 DCWV except "5500 v. Temp. Coefficient types ending in Z NPO, ending in N N750. Avg. shpg. wt., 2 32.

Stock No.	CRL No.	Cap. MMF.	Price Schedule		
33 R 24498		25			
33 R 24506 33 R 24514		50 50	1-4	2.76 ea.	
33 R 24522		75	5-29	2.43 €2.	
33 R 24530				2.14 ea.	
33 R 24548					

H. 3L	100	NET E		
FL. DE	Cap.	OM19	45.40	10-
Stock No.	MMF	Type	1-9	99
30 R 35722		152	.39	.33
30 R 35730	1600	162	.39	.33
30 R 35748	1800	182	.43	.36
38 R 35755	2000	202	.48	.41
30 R 35763	2200	222	.51	.44
30 R 35771	2400	242	.53	.45
30 R 35789	2500	252	.55	.47
30 R 35797	2700	272	.58	.50
30 R 35805	3000	302	.65	.56
30 R 35813	3300	332	.89	.59
30 R 35821	3600	362	.76	.65
30 R 35839	3900	392	.79	.68
30 R 35847	4300	432	.66	.74
30 R 35854	4700	472	.93	.80
30 R 35862	5000	502	.99	.84
30 R 35870	5100	512	1.00	.86
30 R 35888	5600*	562	.95	.81
30 R 35904	6800+	682	.92	.78
30 R 35912	75001	752	1.00	.86
30 R 35920	82001	822	1.09	.93



#### CENTRALAB DD-30 3000 WVDC DISC CERAMICS

Shpg. wt., 2 oz.

Stock No. D	D30- I	nmf	Stock No. D	D30- mm
33 R 23581	4R7	4.7	1 33 R 23771	101 100
33 R 23615	100	10	33 R 23789	121 120
33 R 23656	220	22	33 R 23813	201 200
33 8 23664	250	25	33 R 23821	221 220
33 R 23680	300	30	33 R 23854	301 300
33 R 23706	390	39	33 R 23862	331 330
33 R 23714	470	47	33 R 23870	391 390
33 R 23722	500	50	33 R 23896	
33 R 23730		56	33 R 23904	
33 R 23748	680	68	33 R 23920	
33 R 23755		75	33 R 23938	
33 R 23763	820	82	33 R 23946	821 820

NET EACH ANY OF ABOVE IN LOTS OF 1-49 50 up .24 .19

Stock No. DD30-	mmf	Stock No.	0030-	mmf
33 R 23953 102 33 R 23979 152 33 R 23987 202 33 R 24019 252	2000	22 P 24068	A72	1700
NET EACH AN 1-49 .30 50 1	Y OF	ABOVE IN		

#### CENTRALAB TYPE DD 1000 WYDC CERAMIC DISCS

Ideal for by-pass coupling in high frequency circuits. 1000 VDC working except DD-153, DD-303, DD-403, DD-503 which are 600 VDC working. Tolerance all ±10% except \*±20%, †±5, MMF, ‡ GMV, \*\* +80-20%, Avg. shpg. wt., 2 oz.

Stack No.	DD-	mmf	Stock No.	DD-	mmt
33 B 22583	3R3	1 3.3	33 R 22989	391	390
33 1 22591		5	33 R 24977	401	400
33 R 22617			33 R 22997	471	470
33 8 22625		7.5	33 R 23011	4716:	t 470
33 3 22641		10	33 R 23029	501	500
33 ₹ 22598	120	12	33 R 23045	561	560
33 R 22666		15	33 R 23052	601	600
33 R 22674	180	18	33 R 23060	681	680
33 R 22682	200	20	33 R 23078		750
33 R 22698	220	22	33 R 23D86	801‡	804
33 R 22768	240	24	33 R 23094		820
33 R 22716	250	25	33 R 23102		914
33 R 22724	270	27	33,R 23110	102	1000
33 R 22732	300	30	33 R 23128		1000
33 R 22740	330	33	33 R 23136	122	1200
33 R 22757		39	33 R 23144		1200
33 R 22765		47	33 R 23169	152	1500
33 R 22773	500	50	33 8 23177	152G	1500
33 R 22799	560	56	33 R 23193	182	1800
33 3 22867	680	68	33 R 23201	202‡	2000
33 R 22815	750	75	33 R 23219	222‡	
33 R 22823		82	33 R 23227	2521	
33 R 22849	101	100	33 R 23235	272	
33 R 22856		120	33 R 23243	302‡	3000
33 R 22864	131	130	33 R 23250	332‡	3300
33 R 22872	151	150	33 R 23268	392‡	3900
33 R 22890	181	180	20		
33 g 22898		200	33 R 23284	432‡	4300
33 R 22906		220	33 R 23292	472"	4700
33 R 22914		240	33 R 23300		£ 4700
33 R 22922			33 R 23318	5021	5000
33 R 22930	271		33 R 23326	5022	
33 R 22948		300	33 2 23334	562‡	
33 R 22955		330		682‡	
33 R 22963				752‡	
33 R22971	361	360	33 R 23367	822‡	8200
		0			

NET EACH ANY OF ABOVE IN LOTS OF 1-99 .15 100 UP .119

Stock No.	CRL Ne.	Cap. MFD	1-99	180
3> R 23375	1032	.01	.24	.19
30 章 23383	1032*	.01	.24	.19
30 F 23391	153**	.015	.24	.19
30 R 23409	203**	.02	.45	.356
35 R 23417	303**	.03	.45	.356
3C R 23425	403**	.04	.45	.354
3= R 23433	503**	.05	.45	.356



#### CENTRALAB TYPE DD3 600 WYDC DUAL SECTION DISES

Two incividually shielded capacitors in one small case, All 600 WVDC, Tolerance GMV. Avg. shpg. wt., 2 oz.

Stock No. DD3-	MFD	Price Schedule
33 R 23-44T 102 33 R 23-458 152 33 R 23-466 202 33 R 23-474 502 33 R 23-482 103	2X .0015 2X .002 2X .005	1-98 .30 sa, 100 up .238 sz.

#### CRL DD-16 1600 WVDC CERAMIC DISCS

All tolerance GMV. Avg. shpg. wt., 2 cz.

1 15	D. F			Each ets of
Stock He.	CRL No.	Cap. MFD	1-95	100 up
33 R 23490	302	.003	.27	.21
33 R 23508	402	.004	.27	21
33 R 23516	502	.005	.27	21
33 R 23524	602	.006	.27	.21
33 R 29540	752	.0075	.27	21
33 R 23557	802	.008	.27	.21
33 R 23565	103	.01	.27	21
L	afayette (	Cat. No.	720	275

Depend on Lafayette For Everything in Electronics

Lafayette Cat. No. 720

## **Dipped Mylar - Paper Capacitors And Filters**

.22 .22

.26 .31 .41

.41

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STANDARD BRAND DIPPED MYLAR-PAPER CAPACITORS

"QUIETONE" FILTERS

Semen		15		_	1101	-	1		
	1				Shpg. wt	2 00			
	AGUE E DRO	0		FLME			ALLOS	RY PY	
DRANG	100 W			ELME		DO WYDC	ALLOF	33.00	L
Tax . Dr	CAP.	NET EAC				CAP.	NET EAC	H IN LO	
Stock No. 34 R 67016	MF0.	.16	25-49	.12	Stock No. 34 R 82411	MFD.	100		50-99
34 R 67024	.006	.16	.14	.12	34 R 82429	.0039	.18	.12	.09
34 R 67032 34 R 67040	.0068	.16	.14	.12	34 R 82437 34 R 82445	.0047	.18	.12	.09
34 R 67057 34 R 67065	.01	.16	.14	.12	34 R 82452	₀0056	.18	.12	.10
34 R 67073	.015	.16	.14	.12	34 R 82460 34 R 82478	.0068	.18	.12	.10
34 R 67081 34 R 67099	.022	.16	.14	.12	34 R 82486 34 R 82494	.0075	.18	.12	.10
34 R 67107	.03	.16	.14	.12	34 R 82502	.0082	.18	.12	.10
34 R 67115 34 R 67123	.033	.16 .16 .20	.14	.12	34 F 82510 34 R 82528	.01	.18	.12	.10
34 R 67131 34 R 67149	.047	.20	.17 .17	.14	34 R 82536 34 R 82544	.015	.21	.14	.11
34 R 67156	.056	.20	.17	.14	34 R 82551	.022	.21	.15	.12
34 R 67164 34 R 67172	.068	.20	.17	.14	34 R 82569 34 R 82577	.025	.24	.16	.13
34 R 67180 34 R 67198	.15	.22	.19	.16	34 R 82585	.03	.24	.16	.13
34 R 67206	.2	.30	.26	.21	34 R 82593 34 R 82601	.033	.24	.16	.13
34 R 67214 34 R 67222	.22	.30	.26	.21	34 R 82619 34 R 82627	.039	.24	.18	.14
34 R 67230	.33	.34	.28 .29 .34	.24	34 R 82635	.047	.24	.18	.14
34 R 67248 34 R 67255	.5 .5	.38	.35	.27 .29	34 R 82643 34 R 82650	.05 .056	.24 .27	.16	.14
34 R 67263 34 R 67271	.68	.50	.43	.31	34 R 82668	.06	.27	.20	.15
34 # 0/2/8	200 W		.32	.43	34 R 82676 34 R 82684	.068	.27 .27	.20	.15
34 R 82015	.02	.21	.14	.11	34 R 82692 34 R 82700	.082	.33	.23	.18
34 R 82023 34 R 82031	.022	.21	.14	.11	34 R 8271B 34 R 82726	.15	.48	.35	.27
34 R 82049	.05	-21	.15	.12	34 R 82734	.2 .22 .25	.72	.53 .53	.41
34 R 82056 34 R 82064	.15	.24	.18	.14	34 R 82742 34 R 68261	.25	.48	.36	.50
34 R 82072 34 R 82080	.2	.39	.29	.22	34 R 68279	.47	.57	.42	.33
34 R 82098	.22	.54	.40	.22	34 R 68287	.5	.86	.74	.61
34 R 82106 34 R 82114	.33	.54	.40	.31	34 R 82833	1600 W	225		-
34 R 82122	.5	.72	.53	Ai	34 R 82841	.0005	.72	.53	.41
	400 W	ADC	100		34 R 82858 34 R 82866	.0015	.27	.20	.15
34 R 82130	.01	.18	.12	.10	34 R 82874	.0022	.27	.20	.15
34 R 82148 34 R 82155	.015	.21	.14	.11	34 R 82882 34 R 82890	.003	.33	.23	.18
34 R 82155 34 R 82163	.022	.21 .21 .21	.14	.11	34 R 82882 34 R 82890 34 R 82908	.003 .0033 .004	.33 .33 .33	.23	.18
34 R 82155 34 R 82163 34 R 82171 34 R 82189	.02 .022 .025	.21 .21 .21 .24 .24	.14 .15 .15 .16	.11 .12 .12 .13	34 R 82882 34 R 82890 34 R 82908 34 R 82916 34 R 82924	.003 .0033 .004 .0047 .005	.33 .33 .33 .33	.23 .25 .25 .25	.18 .20 .20 .20
34 R 82155 34 R 82163 34 R 82171	.022 .022 .025	.21 .21 .21 .24 .24	.14 .15 .15 .16 .16	.11 .12 .12 .13	34 R 82882 34 R 82890 34 R 82908 34 R 82916	.003 .0033 .004 .0047 .005	.33 .33 .33 .33 .33	.23 .25 .25 .25	.18 .20 .20 .20
34 R 82155 34 R 82163 34 R 82171 34 R 82189 34 R 82189 34 R 82205 34 R 82205	.02 .022 .025 .03 .033 .04	.21 .21 .21 .24 .24 .24 .24 .24	.14 .15 .15 .16 .16 .16	.11 .12 .12 .13 .13 .13 .13	34 R 82882 34 R 82890 34 R 82908 34 R 82916 34 R 82924 34 R 82934 34 R 82957	.003 .0033 .004 .0047 .005 .006 .0068	.33 .33 .33 .33 .33 .39 .39	.23 .25 .25 .25 .29 .29	.18 .20 .20 .20 .22 .22
34 R 82155 34 R 82163 34 R 82171 34 R 82189 34 R 82197 34 R 82205 34 R 82213 34 R 82221 34 R 82239	.02 .022 .025 .03 .033 .04 .047 .05	.21 .21 .21 .24 .24 .24 .24 .24 .24 .24	.14 .15 .15 .16 .16 .16	.11 .12 .12 .13 .13 .13	34 R 82882 34 R 82890 34 R 82908 34 R 82916 34 R 82924 34 R 82924 34 R 82940	.003 .0033 .004 .0047 .005 .006	.33 .33 .33 .33 .33 .39	.23 .25 .25 .25 .29	.16 .20 .20 .20 .22 .22 .22 .22
34 R 62155 34 R 82163 34 R 82171 34 R 82189 34 R 82197 34 R 82205 34 R 82213 34 R 82223 34 R 82223	.02 .022 .025 .03 .033 .04 .047 .05	.21 .21 .24 .24 .24 .24 .24 .24 .24 .24 .24	.14 .15 .15 .16 .16 .16 .16 .16 .16	.11 .12 .13 .13 .13 .13 .13 .13 .13	34 R 82882 34 R 82890 34 R 82908 34 R 82916 34 R 82924 34 R 82924 34 R 82940 34 R 82957 34 R 82965 34 R 82963	.003 .0033 .004 .0047 .005 .006 .0068 .007 .0075 .008	.33 .33 .33 .33 .33 .39 .39 .39 .39 .45	.23 .25 .25 .25 .29 .29 .29 .29 .33	.18 .20 .20 .20 .22 .22 .22 .22 .26
34 R 62155 34 R 62163 34 R 62171 34 R 62189 34 R 82205 34 R 82205 34 R 82221 34 R 82223 34 R 82247 34 R 82247 34 R 82254 34 R 82254	.02 .022 .025 .03 .033 .04 .047 .05 .056 .068 .075	.21 .21 .24 .24 .24 .24 .24 .24 .24 .24 .24 .24	.14 .15 .15 .16 .16 .16 .16 .16 .18 .18 .23	.11 .12 .13 .13 .13 .13 .13 .13 .14 .14	34 R 82882 34 R 82890 34 R 82908 34 R 82916 34 R 82924 34 R 82940 34 R 82957 34 R 82965 34 R 82963 34 R 82999 34 R 82999	.003 .0033 .004 .0047 .005 .006 .0068 .007 .0075 .008	.33 .33 .31 .33 .39 .39 .39 .39 .45 .45 .45	.23 .25 .25 .25 .29 .29 .29 .29 .33 .40	.18 .20 .20 .20 .22 .22 .22 .26 .26 .31
34 R 82155 34 R 82163 34 R 82171 34 R 82189 34 R 82189 34 R 82205 34 R 82221 34 R 82221 34 R 82224 34 R 82254 34 R 82254 34 R 82254 34 R 82254	.02 .022 .025 .03 .033 .04 .047 .05 .056 .068 .075 .1	21 21 21 24 24 24 24 24 24 24 24 24 24 33 33 33 39 54	.14 .15 .15 .16 .16 .16 .16 .18 .18 .23 .23	.11 .12 .12 .13 .13 .13 .13 .13 .14 .14 .14 .18 .22	34 R 82882 34 R 82890 34 R 82908 34 R 82916 34 R 82924 34 R 82932 34 R 82940 34 R 82965 34 R 82973 34 R 82993 34 R 82999	.003 .0033 .004 .0047 .005 .006 .0068 .007 .0075 .008	.33 .33 .33 .33 .39 .39 .39 .39 .45 .45	23 .25 .25 .29 .29 .29 .29 .33 .40 .53 .53 .64	.18 .20 .20 .20 .22 .22 .22 .26 .26
34 R 62155 34 R 62163 34 R 62163 34 R 82163 34 R 82197 34 R 82205 34 R 82221 34 R 82223 34 R 82221 34 R 82224 34 R 82254 34 R 82262 34 R 82270 34 R 82288 34 R 82288	.02 .022 .025 .03 .033 .04 .047 .05 .056 .068 .075 .1 .15	21 21 24 24 24 24 24 24 24 24 24 33 33 33 54	.14 .15 .15 .16 .16 .16 .16 .18 .18 .23 .23 .29 .40	.11 .12 .12 .13 .13 .13 .13 .13 .13 .14 .14 .14 .16 .18	34 R 62882 34 R 62890 34 R 82908 34 R 82916 34 R 82924 34 R 82932 34 R 82940 34 R 82957 34 R 82965 34 R 82973 34 R 82981 34 R 83013 34 R 83031 34 R 83031 34 R 83031	.003 .0033 .0047 .0047 .005 .006 .0068 .007 .0075 .008	.33 .33 .33 .33 .39 .39 .39 .39 .45 .45 .54 .72 .72 .72	23 .25 .25 .25 .29 .29 .29 .33 .40 .53 .53 .64	.18 .20 .20 .20 .22 .22 .22 .25 .26 .31 .41 .50
34 R 82155 34 R 82163 34 R 82171 34 R 82189 34 R 82189 34 R 82205 34 R 82221 34 R 82221 34 R 82224 34 R 82254 34 R 82254 34 R 82254 34 R 82254	.02 .022 .025 .03 .033 .04 .047 .05 .056 .068 .075 .1	21 21 21 24 24 24 24 24 24 24 24 24 24 33 33 33 39 54	.14 .15 .15 .16 .16 .16 .16 .18 .18 .23 .23	.11 .12 .12 .13 .13 .13 .13 .13 .14 .14 .14 .18 .22	34 R 62882 34 R 82890 34 R 82908 34 R 82916 34 R 82924 34 R 82932 34 R 82937 34 R 82965 34 R 82965 34 R 82961 34 R 83013 34 R 83013 34 R 83039	.003 .0033 .004 .0047 .005 .006 .0068 .0075 .008 .01 .015 .022	.33 .33 .33 .33 .39 .39 .39 .39 .45 .45 .45 .54 .72 .72	23 .25 .25 .29 .29 .29 .29 .33 .40 .53 .53 .64	.18 .20 .20 .22 .22 .22 .22 .26 .26 .31 .41

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Type IF-1	PLUG-IN		ail-wave ca

pacitive-inductive type fifter for use with all types of electrical appliances causing severe radio and TV interference, such as air conditioning and ventilating units, machine tools, washing machines, etc. In bakelite case, 6x3 4x24z", with line cord and plug, receptacle and ground terminal. Binding post for attachment of ground wire. Rated at 115V AC-DC. 5 amperes. 34 R 58114 Shpg. wt., 2 lbs. .. Net 10.17

Type 1F-19, Fig. B, An effective capacitive-inductive type filter, smaller than above, yet having the same degree of attenuation of severe interference. For elimination of interference from food mixers, diathermy machines, electric fans, neon signs, wash-ing machines, business machines, etc. Has line cord, plug, receptacle and terminal for ground connection. Rated 115V AC-DC, 5 amperes. In bakelite case 4x21/4x27/6". 34 R 58122 Shpg. wt., 2 lbs. .. Net 9.10

Type IF-4. Fig. C. A cylindrical filter for use with small radios and portable TV sets for reduction of low or medium intensity inter-ference caused by small portable electrical appliances such as electric shavers, fans, adding machines, etc. Rated 110V AC-DC, 5 amps. Connects to power line between radio plug and outlet. 34 R 58130 Shpg. wt., 4 oz. .... Net 1.54

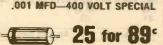
Type IF-6. Fig. D. A plug-in cylindrical filter for elimination of moderate interference. for elimination of moderate interference. Suppresses interference of fluorescent lighting, electric shavers, etc. Connects between power line and appliance or between power line and radio. Has binding post terminal for grounding. Rated 110V AC-DC. 10 amperes. 1½" dia, 2" long. 34 R 58148 Shpg. wt., 5 oz. .... Net 2.40

#### WIRED-IN TYPE

Type IF-24. Fig. E. FLUORESCENT NOISE FILTER, Dual capacitive type filter for eliminating fluorescent noise. Easily connected by means of flexible leads, in addition has bracket for mounting. For 110V AC-DC. Cylindrical metal case %" dia., 1%" long. 34 R 58163 Shpg. wt., 4 oz. .... Net 1.48

Type 1F-54. Fig. F. A capacitive-inductive filter with greater efficiency than that above, Rated 180-220 AC-DC, 2 amperes. Has flexible leads for simple connection, with additional lead for ground. Rectangular metal case 2x2114/e", w/tabs for mounting. 34 R 58171 Shpg. wt., 8 oz. .... Net 4.00

34 R 83260 .27



QUANTITIES LIMITED

Twenty-five .001 mfd. 400 volf molded plastic capacitors. Shpg. wt., 4 oz. 32 R 01282 Net .89

.5

.001

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.0022 .16

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003

600 WVDC

.60 .52 43

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34 R 67826

34 R 82312

34 R 82320 34 R 82338 34 R 82346

34 R 82353

34 R 82361 34 R 82379 34 R 82387

34 R 82395

34 R 82403

## Littelfuse Fuses and Fuse Holders



#### TYPE 3AG STANDARD FUSES

Series 312000. Quick acting for low time-lag applications such as amplifiers—auto radios. U.L. listed. 1½Lx¼" diam. All rated 250 yolt except 8 amp is 125V. 5 fuses per package. Shpg. wt., 3 oz.

Stock No.	Amps		20 Pkgs Per Pkg		Amos	Per	20 Pkgs Per Pkg
13 R 10085 13 R 10101 13 R 10119 13 R 10127 13 R 10135 13 R 12503	1/4 3/8 1/2 3/4 1 1 1/4	.63 .63 .63 .45	.53 .53	13 R 10143 13 R 10150 13 R 10168 13 R 10176 13 R 10184 13 R 10192	11/2 2 3 4 5 6	.45 .45 .45 .54 .54	.38 .38 .38 .45 .45

#### 3AG STANDARD PIGTAIL FUSES

Series 318000. Same as series 312000 above but with pigtails. 5 fuses per pkg. Shog. wt., 3 oz.

Stack No.	Amps	Phy.	20 Pkg: Per Pkg	Stock No.	Amps	Per Pkg.	20 Pkgs. Per Pkg.
13 R 11521 13 R 11539 13 R 11547	3/4 1 11/2	.99 .81 .81	.68	13 R 11554 13 R 11562 13 R 11588	2 3 5	.81 .81 .84	.68 .68 .70

#### TYPE 3AG SLOW BLOW FUSES

Series 313000. High time-lag to withstand heavy surges, blows quickly on shorts. Units through 5 amps are rated 125 volts and are Ul. listed, above 5 amp rated 32 volt, 5 fuses per pkg. 11/4Lx diam. Shgg. wt., 5 oz.

Stock No. Amps		kgs. Pkg. Stock No. Amps	Per 20 Pkgs. Pkg. Per Pkg.
13 R 10259 1/8 13 R 10309 1/4	1.38 1.15		1.29 1.08
13 R 10317 3/10	1.38 1.15		1.29 1.08
13 R 10325 3/8	1.38 1.15	13 R 10457 3	.99 .83
13 R 10358 6/10	1.38 1.15	13 R 10473 4	.99 .83
	1.38 1.15		.99 .83
13 R 10382 8/10	1.38 1.15	13 R 10523 10	.99 .83
13 R 10390 1 13 R 10408 11/4	1.38 1.15	13 R 10531 15 13 R 10549 20	.99 .83

### TYPE BAG INSTRUMENT FUSES

Series 361000. Designed for high speed action to protect delicate electrical equipment. All rated at 250 volts, except 5 amp rated 32 volt. 5 fuses per pkg. 1Lx1/4" diam. Shpg. wt., 3 oz.

Stock No.	Amps	Pkg.	20 Pkg Per Pk	L. Stock No.	Amps		20 Pkgs. Per Pkg.
13 R 11356	1/100 1/32 1/4	2.49 2.19 .63	2.08 1.83 .53	13 R 11430 13 R 11448 13 R 11455 13 R 11463 13 R 11471	1 11/2 2 3	.45 .45 .45 .45	.38 .38 .38

#### TYPE 3AB FUSES

Series 314000. Steatite enclosed, ARC-Quenching Powder filled fuses, Will not shatter against quick shorts. Medium time-lag, types through 15 Amp. UL listed. All 250 Volt except 30 amps 125 volt. 1¼Lx¼" diam. 5 fuses per pkg. Shpg. at., 3 oz.

Stock No.		Per 20 Pkg kg. Per Pk	Stock No.	Amps		20 Pkgs. PerPkg.
13 R 11612 13 R 11638	2 .	87 .73 78 .65	13 R 11653 13 R 11679	10	.78	.65
13 R 11646			13 R 11679	15 20	.87	

#### LITTELFUSE AUTO FUSES

307000 Series Medium acting fuses designed for auto use. Length according to current to guard against over fusing. All 3/4" dlam. 5

Stock No.	Amps	Per Pkg.	20 Pkg. Per Pkg
13 R 12263 13 R 12289 13 R 12297 13 R 12305 13 R 12313	7.5 9 14 20	.33 .33 .33 .33	.28 .28 .28 .28

#### AUTO FUSE ASSORTMENT



Universal auto fuse assortment easily stored in glove compartment for emergency use. Fuses for radio, heater, lights, cigar lighter, air conditioner, windshield wipers, etc. packed in plastic case, 10 fuses. Assorted value. Shpg. wt., 3 oz.

13 R 11745 Universal auto fuse retainer. Holds fuses with spring loaded action. Just attach wires into circuit and load with a fuse. 13 R 11752 Shpg. wt., 3 ozs Net

#### LATTELFUSE EUROPEAN EQUIPMENT FUSES

Used in European instruments, tape recorders, radios, Mi-Fi equipment and Hickok test equipment, 5x20 mm. Rated at 250V. 5 fuses

Fre Fred Oil	PP. WI.	3 V4.						
	Amps	Per Pkg.	20 Pkgs. Per Pkg.		k No.	Amps	Per Pkg.	20 Pkgs.
Type 271	Stand	dard Fu	se	Ty	pe F2	12 Star	ndard	Fuse
13 R 12107	1/2	1.50	1.25			1 1/2		
13 R 12198	11/2	1.20	1.00	13 R	1214	9 8/1	0 1.5	0 1.25
Type T213	Slow	Blow Fi	use	13 R	1220	6 11/4		
13 R 12180	1	1.53	1.28	13 R	1221	4 2	1.2	0 1.00
		1.53	1.28					
13 R 12255	4	1.53	1.28					

#### SNAP-ON FUSE HOLDER

For fast replacement of pigtall fuses. One side of dual holder clips on to blown fuse. New fuse fits into other side. 13 F 12388 wt., 4 oz. Each .20





#### LITTELFUSE MOUNTINGS AND EXTRACTOR POSTS

Mounts and fuse holders for every application. "Includes fuse.

Stock No.	Fig.	For Fuses	Description	Net E
13 R 11760 13 R 11778 13 R 11786	A B A	3AG, 3AB 3AG, 3AB 8AG	Panel mount, screw slot Panel mount, finer knob	.6
13 R 11810 13 R 11828	C	8AG 3AG, 3AB	Panel mount, screw slot Single fuse, tug terminal	.6
13 R 11844 13 R 11851	D	8AG 8AG	Single fuse screw terminal Double fuse, lug terminal Meter-back mtg.	.4:
13 R 11869 13 R 11877 13 R 11865	F G*	SAG, SAB	Below panel mtg. Below panel mtg.	.6
13 R 11893 13 R 11901	G.	SFE(9A) SFE(14A) SFE(20A)	Auto inline fuse retainer Auto inline fuse retainer Auto inline fuse retainer	.46
13 R 11984	N :	3AG 90-125V	#344125 indicating fuse pos	

#### MINIATURE 3AG FUSE EXTRACTOR POSTS

Shortest 3AG fuse posts. Test Post hole in knobs. UL listed. Body and knob meet MIL-P-14F type CFG. Rated at 15 amps, 250 volts. Fig. K. has straight bottom terminals, behind panel length 11½7. Fig. L, M has right angle bottom terminal behind panel length 1½7. Fig. L has knurled knobs. Fig K, M has fluted knobs. Shpg. 4.3 oz.

Stock No.	Mfg. No.	Fig.	1.99	NET EACH 100-499	500 Up
13 R 11927	342014	K	.46	.38	.30
13 R 11935	342022	L	.53	.45	.36
13 R 11943	342004	M	.53	.45	36

#### BUSS FUSE MOUNTINGS







Convenient methods for mounting fuses on equipment, radio, TV, instruments, etc. Fuses easily replaced. Shop, wt. 3 oz.

Stock No.	Buss	For	Net Ea.	Stock No.	Buss	For	Not Ea.
13 R 62029 13 R 62037	нкр ним	3AG 8AG	.46	13 R 62045	4405	3AG	.22

#### DUAL FUSE HOLDER Low WITH CLEAR PLASTIC COVER As LOTS OF 10

Dual fuse holder for popular 3AG, 3AB, and 8AG fuses with durable, clear plastic, pro-tective cover. Rated 250 volts 3 amps. Has right angle bottom solder terminals. Im-99 R 63372 Shpg. wt., 2 oz. Net Each .18 Lots of 10, Net Each .15



## Remier Metal Products

Rigidly constructed of #16 gauge steel finished in bluegray. Base constructed of one piece, similar to a chassis. Panel mounted holes are tapped for 10-32 machine screws. Shipped knocked down.

Stock No.	Mfr. Type	HxWx9"	Space	Ubs.	Met
12 R 85923W	TR-2119	25x21x12"	21x19"	184/a	12.50
12 R 85972W	TR-2819	32x21x12"	28x19"	21	15.00

#### TELEPHONE TYPE RELAY RACKS

Open type racks constructed of #12 gauge steel finished in blue-gray. Vertical members and top crossbrace are included together. Panel mounting holes are tapped for 10-32 machine screws. Racks shipped knocked down with all necessary boits for easy assembly. Base punched to accommodate type CA-4 casters.

Stock No.	Mfr. Type	HatWx0"	Panel Space	Lis.	Net
12 R 85899W	RR-800	3944x20x1876"	3634x19"	40	28.30
12 R 85907WX		74V4x20x20%"	71%x19"		
12 R 85915WX	RR-802	791/2×20×201/6"	77 x19"	52	38.95

#### ALUMINUM PANELS

Aluminum panels, type MAP, bright aluminum protected both sides by peelable masking paper. Type ARP painted gray both sides, 19"

"MAP" Mask	ed Alun	ninum			"ARP" Gray	Hamme	ertene
Stock No	Type	Each	Hgt.	Lis.	Stock No.	Type	Each
12 R 85477	319	2.08	31/2"	11/4	12 R 86830	319	2.25
12 R 85485	519	2.87	51/4"	134	12 R 86848	519	3.00
12 R 85493	719	3.42	7"	2	12 R 86855	719	3.83
12 R 85501	819	4.13	834"	24/2	12 R 86863	819	4.50
12 R 85519	1019	5.17	103/2"	23/4	12 R 86871	1019	5.42
12 R 85527	1219	5.88	1244"	31/4	12 R 86889	1219	6.25
12 R 85535	1419	6.77	14"	334	12 R 86897	1419	7.17



#### STANDARD AMPLIFIER **FOUNDATIONS**

Consists of regular chassis with rugged ly constructed metal covers. Top cover has perforations, rounded corners; 6" high; 1-pc chassis with corners spot-welded; Gray Hammertone Finish.

Stock No.	Type	Chassis DxWxH	Uts.	1-24
12 R 85303	AF-510	5x10x3	434	8.85
12 R 85311	AF-615	6x14x3	63/4	9.83
12 R 85329	AF-1017	10x17x3	1034	12.37
12 R 85337	AF-1317	13x17x3	121/4	13.92



#### METAL UTILITY CABINETS

Have two removable sides for easy accessibility. Have flanged edges and spot-welded corners. No. 20 ga. steel, attractively finished; No. 16 ga. (051) aluminum in natural aluminum tinish. Av. shpg. wt. of steel cabinets 61/4 lbs.

BLACK WRINKL Stock No.	E STEEL Net	HxWx0"	NATURAL ALU Stock Ne.	MINUM Net
12 R 83399	1.85	4x4x2	12 R 83480	1.78
12 R 83407	1.73	4x5x3	12 R 83498	1.88
12 R 83415	1.95	5x6x4	12 R 83506	2.17
12 R 83423	3.00	5x9x6	12 R 83514	3.67
12 R 83431	2.63	6x6x6	12 R 83522	2.87
12 R 83449	3.05	6x9x5	12 R 83530	3.52
12 R 83456	2.52	7x5x4		-
12 R 83464	5.40	8x10x10	_	_
12 R 83472	4.20	12x7x6	12 R 83548	5.02
-	-	15x9x7	12 R 83555	6.92



#### SLOPING PANEL CABINETS

These handy cabinets have rounded top corners and a removable front panel. Back of cabinet is perforated and has opening for leads. Constructed of #20 gauge steel. Finished in gray hammertone.

Stock No.	MxWx0"	Use Chassis"	Lbs.	Het
12 R 85840	8x8x8	711712	43/4	7.00
12 R 85857	8x10x8	7x9x2	544	7.88
12 R 85865	8x14x8	7x13x2	7	8.40
12 R 85873	9x18x8	7x17x3	834	11.07
12 R 85881	12x18x12	10x17x3	12	14.17



Chassis are of one piece construction with gussets spot-welded to the bottom flanges for additional strength. Made of No. 18 gauge (0.40) aluminum except f are No. 14 gauge (0.64) ln natural alu-minum férish. Bottom plates have holes to match chassis and have 4 pressed dimples. Avg. shpg. wt. 3¼1bs.

	CHASSIS	711-8		BOTTOM PL	ATES
Stock Ne.	Size Inches	Lbs.	Net	Stock No.	Net
12 R 81906	4x6x14/2	1/4	1.62	12 R 82870	1.05
12 R 81914	4x6x2	1/4	1.73	12 R 82870	1.05
12 R 81922	4x6x3	3/4	2.00	12 R 82870	1.05
12 R 81930	4x8x2	36	1.88	12 R 82888	1.16
12 R 81948	4x17x3	1	3.40	12 R 82896	1.21
12 R 81955	5x7x2	1/4	1.78	12 R 82904	1.05
12 R 81963	5x7x3	1/4	2.05	12 R 82904	1.05
12 R 81971	5x10x3	3/4	2.27	12 R 82912	1.05
12 R 81989	5x13x3	34	2.60	12 R 82920	1.21
12 R 81997	51/2×91/2×11/2	1/2	1.78	12 R 82938	1.05
12 R 82037	7x7x2	1/2	2.05	12 R 82961	1.05
12 R 82045	7x9x2	1/2	2.17	12 R 82979	1.05
12 R 82052	7x11x2	3/4	2.32	12 R 82987	1.21
12 R 82060	7x11x3	1/6	2.87	12 R 82987	1.21
12 R 82078	7x12x3	7/0	2.87	12 R 82995	1.42
12 R 82102	7x17x3	11/2	3.95	12 R 83035	1.68
12 R 82110	8x10x24/2	1	2.87	12 R 83043	1.31
12 R 82128	8x12x3	1	3.35	12 R 83050	1.58
12 R 82177	10x14x3	11/4	4,22	12 R 83092	1.84
12 R 82193	10x17x3f	17/6	4.70	12 R 83100	2.00
12 R 82250	12x17x3†	244	5.93	12 R 83134	2.52
12 R 82284	13x17x3†	21/6	6.10	12 R 83142	2.78
12 R 82300	17x17x4†	3	12.53	12 R 83159	3.14



#### ALUMINUM MINIBOXES

Two piece case made of #16 gauge (0.51) aluminum. Each section forms 3 sides. Flanges assure proper shielding. Available in variety of sizes for popular electronic devices and construction projects. Available in natural finish or grey hammertone.

MATORAL ALUMINUM				PHEL MUMMEN!	SHO
Stock No.	Not	Size-LxWxH"	Lbs.	Stock Ho.	Net.
12 R 83670	.80	234x246x156	1/4	12 R 83845	.95
12 R 83688	.83	344x24x154	1/4	12 R 83852	1.00
12 R 83696	.88	4x25/ax15/a	1/4	12 R 83860	1.07
12 R 83704	1.00	4x24/4x24/4	36	12 R 83878	1.15
12 R 83712	1.08	5x24ax24a	36	12 R 83886	1.28
12 R 83720	1.17	5x4x3	3/4		1.57
12 R 83738	1.17	51/4x3x21/a	1/2		1.35
12 R 83746	1.50	6x5x4	1		2.00
12 R 83753	1.92	7x5x3	ī	12 R 83928	
12 R 83761	2.50	8x6x344	11/4	12 R 83936	2.83
12 R 83779	2.67	10x6x34/2	11/2	12 R 83944	3.35
12 R 83787	3.67	12x7x4	2		4.00
12 R 83795	4.00	17x5x4	21/4		4.50
12 R 83803	1.42	10x2x156	3/4	12 R 83977	
12 R 83811	1.75	12121/2121/4	174	12 R 83985	
12 R 83829	1.08	4x2x23/4	1/2	12 R 83993	
12 R 83837	1.08	41/4×21/4×11/2	1/2	12 R 84017	



#### SLOPING PANEL UTILITY BOXES

Steel and aluminum sloping panel cabinets with round top corners and sloping paner caomets with round top corners and sloping front. For installations that require opening in rear of box. No. 20 gauge attractively finished steel. No. 18 gauge (.040) aluminum—natural aluminum finish. 442-TM444-TD.

STOCK NO.	WISTH	TYPE	LDS.	Het 1-49
12 R 80650 12 R 80676	4% 6%	ACK WRINKLE SPC-1200 SPC-1202 ALUMINUM	11/2	2.47 2.78
12 R 80700 12 R 80726	5¾ 7¾	ASPC-1201 ASPC-1203	1/2 34	2.63 3.00

#### CASTERS FOR RACKS AND CABINETS



Made of Plaskite non-marking composition wheel with Ball Bearing Swivel Plate. Packed one set of 4 in box.

Stock No.	Lbs.	Size	Net
12 R 83373	21/4	2" Diam.	Per Set 4.90
12 R 83381	744	3" Diam.	Per Set 11.60

### **Experimenter Boxes — Electrical Accessories**

#### UNIVERSAL METER CASES

A meter case that can ac commodate either a 2 3" meter. Center hole for 2" meter increases to 3" meter hole by simply removing a knock-out. 4%x 4½x4¼a". Supplied with two ½" dia. knockouts for feed through insulators or Volume Controls. Type

SPC-23 #20 gauge steel. Type ASPC-23 #18 gauge (.040) Aluminum—Natural Finish. Average shpg, wt., 1 lbs.

Stock No.	Type	Net	
12 R 83167	SPC-23	2.37	
12 R 83175	ASPC-23	2.37	

#### BAKELITE CASES AND PANELS

equipment and small electronic devices. All hakelite with black bakelite with rounded corners and recessed threaded inserts mounting panels.

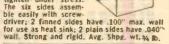
Is 1/4". Panels are thick. Avg. shpg. 3/2" thick. wt., 11/2 lbs.



Stock He.	Size	Lbs.	Nel
19 R 20024 19 R 37028 19 R 20032	Panel for above 634x51/4x21/4" Panel for above	144 142 142 142 142	.89 .45 1.39 .61 2.39

#### MINI-COOL BOXES

Integrated **Enclosure And** Heat Sink Made of aircraft alloy aluminum, Patented lock-joint corners tighten under stress.



Stock No.	LXWXH	
19 R 22004	2"x2,6"x2"	.90
19 R 22012	3"x2,6"x2"	1.15
19 R 22020	4½"x2,6"x2"	1.50
19 R 22038	6"x2,6"x2"	2.00

PLAIN TYPES Identical to above but with all sides plain,

19 R 22046	2"x2.6"x2.6"	00
		.90
19 R 22053	3"x2.6"x2.6"	1.15
19 R 22061	41/2"x2.6"x2.6"	1.50
19 R 22079	6"x2.6"x2.6"	2.00

#### CUSTOM CABINETS



Designer styled Flext-Cab brown vinyl clad steel cabinets. Front panels are brass fin-ished. All sides link together with mar-resistant plastic bindings. All kits supplied with package of 40 pressure sensitive function identifying labels.

Stock No.	Size	Lbs.	Net sa
19 R 22558	3x4x4"	74	3.49
19 R 22517	3x4x6"	1	3.99
19 R 22533	3x6x9"	176	4.69

#### COMPACT CABINETS

Body made of 20 gauge steel with .064 aluminum front panel. Top four corners are rounded Sides are perforated

for ventilation. Top handle is recessed. Panel fits into 1/2" recess. Two inch opening in reaf for leads. Welded construction. Base has rubber feet. Attractive two-tone enamel finish. With hardware for assembly, ideal for instrumentation.

Sto			Net Ea.
12 R 84 12 R 84 12 R 84 12 R 84	1/8x8 7x 1/8x8 7x	7x2 434 5x2 111x2 7 7x17x3	12.32 13.50 14.40 15.68 18.98 21.57

#### BAKELITE UTILITY CASE WITH ALUMINUM PANEL

housing Ideal for small electronic de-vices. Sturdy bakelite box features smooth rounded corners and recessed brass inserts for screw mounting of aluminum panel. Com-plete with hardware, Imported, Avg. Shpg.

**** 72 HO.		
Stock No.	Size	Net ea.
99 R 80772 99 R 80780 99 R 80756 99 R 62721 99 R 80764	3¼" x 2½" x 4" x 2½" x 15 5½" x 2½" x 6¾" x 3¾" x 7¾" x 4¾" x	%" .79 15%" .89 17%" 1.09

#### BUILDER'S PANEL KIT

Ideal set of 5 panels for the experimenter. Consists of 1 plain black

bakelite panel, 3 perforated boards with holes on 3/4" centers, and 1 aluminum panel with perforated circular pattern for speaker outlet. All panels are sized and have mounting holes to fit 99-62721 case above, Shpg. wt., 1/2 lb.

99 R 63380 Net 1.49

#### MINIATURE **ALUMINUM** OPEN-END CHASSIS



ideal for small amplifiers, oscillators, and miniature assemblies. Made of 18 gauge (.040) aluminum natural finish. Avg. shpg.

Stock No.	Size DxWxH"	ACH Type	NET
12 R 83183	256x234x144	1350	.63
12 R 83191	13/4x31/ex1	1351	.63
12 R 83209	344x442x2	1352	.75
12 R 83217	23/4x41/8x1	1353	.75
12 R 83225	33/4x41/8x11/2	1354	.75
12 R 83233	3x61/8x11/4	1355	.87
12 R 83241	53/4×47/6×14/2	1356	.92
12 R 83258	4x34/8x1	1357	.75
12 R 83266	4x44/8x1	1358	.87
12 R 83274	4x51/ex1	1359	.87
12 R 83282	4x61/sx1	1360	.92

#### SLOPING COMPACT CABINETS

Two piece unit made of #20 cold r steel. Front, be and back form rolled bottom 'U" shaped unit which screws to one piece



Stock No.	H.W.D.	Llis.	Net
12 R 85931	6x10x7"	41/4	7.93
12 R 85949	7x12x8"	61/4	8.68
12 R 85956	3x8x5"	21/4	4.48
12 R 85964	5x5x5"	21/4	4.83

#### PLASTIC CASES for MINIATURE ELECTRIC GEAR



Clean, polystyrene cases, Ideal for miniature assemblies. All have ball type hinged covers. Avg. shpg. wt., 3 oz.

Stock No.	Size LxWxH"	Net
13 R 38011	156n21/6n1"	.25
13 R 38029	27ex13/4x1"	.27
13 R 38037	27ex2x1"	.29
13 R 38045	35ex25ex1"	.32

# **ELECTRICAL ACCESSORIES** F

E-Z WIRE PARALLEL GROUND DUPLEX WALL DUTLET, Breakoff terminals for 2 separate 3-wire circuits. Easily wired by pres-sure terminals or screws. UL listed. 15 amps: 125 V. Net Ea. .56: 10 for 5.04

B. E-Z WIRE QUIET SWITCH. Ultra-quiet action switch ... no clicking noise. Has screw, and E-Z wire pressure terminals. 15 amps; 120V. UL listed. AC only 13 R 81201 ..... Net Ea. .62; 10 for 5.58

C. CHASSIS AC RECEPTACLE. Mounts from top or bottom. Mtg. centrs 14s". U.L. Listed. 15A, 125VAC/DC. Solder terminals.

D. JIFFY PUSH PULL PLUG. Attaches in 5 seconds without any tools. Spring prongs. Brown. U.L. Listed.

13 R 81136 Ea. 15; 10 for 1.35 E. CUBE TAP EXTENSION. Trio tap. 9 ft. rubber cord. AC plug. Brown, U.L. Listed. 13 R 81110

F. PARALLEL GROUND ADAPTER. Adapts 3 wire tools and appliances to 2 wire AC outlets. 15A., 125V. 3¾" ground lead and lug. U.L. Listed.

13 R 81151 Net .28; 10 for 2.52 G. RUBBER CUBE TAP. 3 outlets. Unbreak-able one piece soft rubber construction.

13 R 81102 U.L. Listed .. ... Net .37 H. PARALLEL GROUND RUBBER PLUG, With cord clamp. U ground Dia. 142". 15 amps; 125V. U.L. Listed. 13 R 81219

J. FLEXIBLE RUBBER HANDLE PLUG, Can be used for heavy duty work, 15A. 125V.

Ea. .12; 10 for 1.08 K. RUBBER CORD CONNECTOR. With pull handie for extension cords. 1¼" diameter. With cord clamp. 2 wire. U.L. listed.

13 R 81144 Net .48

## Belden Wire For Microphones-Intercom-P.A. Sound



#### SINGLE CONDUCTOR HIGH IMPEDANCE MIKE CARLE

Shielded single conductor cables, No. 25 tinned stranded wire; 3x33 copper and 4x33 copperweld tinned, cellulose yarn braid, polyethylene insulated, tinned copper baid was copper vinyl jacket. Type 8410 has rubber insulation and black rubber jacket. Type 8410 has rubber insulation and black rubber jacket. Available only in lengths listed below.

Beld.	Out	Wt.	15 Ft. Spool	25 Ft. Spool	50 Ft. Spoof	100 Ft. Spool
No.	Diam.	100"	Stock No. Net	Stock No. Ret	Stock No. Net	Stock No. Net
8411	.144"	2 16.	32 R 13071 1.17	32 R 13089 1.65	32 R 13097 2.61	32 R 13105 4.95
	.200"		32 R 13113 1,44	32 R 1312t 1.92	32 R 13139 3.39	32 R 13147 6.30
8410	.245"	41/4 lb.		32 R 13162 3.60	32 R 13178 6.39	32 R 13188 11.90



#### 2-CONDUCTOR LOW-IMPEDANCE MINIATURE AND STD. MIKE CABLES

All cables shielded, Miniacure types 8420 and 8413 both No. 24 stranded tinned, 8420 has but brown hypaton jacket; 8428 is heavy duty No. 18 stranded tinned, black Neoprene jacket for studio use. Available only in length listed below.

	Out		15 Pt. Spool	25 Ft. Spool	50 Pt. Speol	100 PL Spool
No.	Diam.	100"	Stock No. Net	Stock No. Net	Stock No. Net	Stock Ho. Net
8413 8422 8412 8402	.190" .231" .268" .268"	3 lb. 41/4 lb. 53/4 lb. 64/4 lb.	32 R 13279 1.80	32 R 13204 3.06 32 R 13246 3.69 32 R 13207 2.76 32 R 13329 3.67	32 R 13295 5.10 32 R 13337 7.05	32 R 13220 8.85 32 R 13261 12.75 32 R 13303 8.95 32 R 13345 13.35 32 R 15399 14.40 32 R 13386 17.25



#### SHIELDED CABLES FOR PA AND INTERCOM

2 CONDUCTOR-TWISTED PAIR-SHIFLDED CARLES

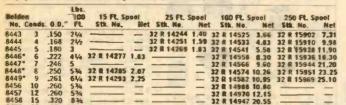
32 R 14954 31 50

All have stranded tinned copper conductors except No. 8739 is solid. Each conductor has vinyl insulation except "has polyethelene, Shielding: types marked "have aluminum-polyester shield with stranded tinned ground wire; types marked # have tinned copper shield. All have overall chrome vinyl jacket except # have no outer jacket over shield.

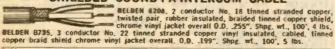
Beid. No.	Gauge	0.0."	Lhs. 100 ft.	100 Ft. Speel Stock No. Net	250 Ft. Spool Stock No. Net	500 Ft. Spool Stock No. Net
8739△	22	.160	21/2	32 R 13519 4.56		32 R 15407 19.35
8737△	22	.170	234	32 R 13527 4.80	32 R 15415 10.65	32 R 15423 21.25
8759△	20	.195	3	32 R 13535 6.00		32 R 15431 25.00
8790△	18	.231	434	32 R 13543 7.65	32 R 15449 16.50	32 R 15456 33.00
8780△	16	.266	534	32 R 13550 9.60		32 R 15464 42.75
8761*	22	.167	2			32 R 15472 17.55
8762°	20	.196	3	32 R 13576 5.33	32 R 15480 11.05	32 R 15498 22.10
8760°	18	.222	3		32 R 15506 13.30	32 R 15514 26,60
8758#	20	.165	134	32 R 13600 5.85		32 R 15522 23.00
8789#	18	.204	31/4			32 R 15530 34.65
8779#	16	.225	4			32 R 15548 44.65

#### VINYL COVERED MULTIPLE UNPAIRED CABLE

All conductors No. 22 unshielded stranded tinned copper except \* include two No. 18 conductors. Each conductor vinyl insulated cabled. Chrome vinyl jacket overall, Available only in sizes listed below.



#### SHIELDED SOUND-PA-INTERCOM CABLE



Beiden	15 Ft. Sp	osi	50 Pt. Sp	loci	100 Ft. S	pool	500 Ft. S	poof
No.	Stock Ne.	Net	Stack No.	Net	Stock No.	Net	Stack No.	
8208		-		-	32 R 13806	9.90	32 R 15621	43.90
8735	32 R 13865	1.47	32 R 13873	3.90	32 R 13861	6.75	32 R 15639	28,90

#### **3-CONDUCTOR CABLES** FOR PA AND INTERCOM

SHIFT DED

CARLES



All have 3 conductors. cabled No. 22 stranded tinned copper conductors with polyethelene insulation, aluminum-polyester shield, stranded tinned copper No. 22 ground drain wire and overall chrome why lacket 0.0. is .175". Type 8791 is same but with 18 gauge conductors, vinyl insulation, tinned copper wrapped shield and no ground wire. 0.0. is .236".

Stock No.	Beld No.	Gauge	Feet	Wt. Lbs.	Net
32 R 15647	8771	22	250	61/4	11,05
32 R 15688	8791	18	100	6	9.36
32 R 15696	8791	18	500	2444	41.80

UNSHIELDED CABLES

All are 3-conductor solid #19 copper, vinyl insulated and cabled, 8487 has chrome vinyl outer jacket, 8483 has no jacket. Shpg. wt., 24/2 lbs. per 100 ft.

Stock No.	Beld.	0.0.	Feet	Met
32 R 15704	8487	.180	500	19.50
32 R 15712	8483	.132	100	3.90
32 R 15720	8483	.132	500	15.75



#### SPECIAL INTERCOM AND PA CARIES

BELDEM 8734. 3 conductor No. 22 stranded tinned copper with vinyl insulation, 1 conductor with tinned copper braid shield, 2 un chielded, cabled with overall chrome vinyl jacket, 0.0, 194". Shpg. wt., per 100', 3 lbs. 32 R 13972 100 ft. spool Net 6.15 32 R 15738 500 ft. spool Net 25.75

BELDEN 8732, 4 conductors No. 22 stranded tinned copper with polyethylene insulation. 2 conductors with tinned copper braid shield, 2 unshielded. Chrome vinyl jacket overall. Oval shape 0.0. 188" x .296". Shpg. wt., 100', 34/2 lbs.

32 R 13998 100 ft. spool 32 R 15753 500 ft. spool Net 32,65

#### SHIELDED PHONO PICKUP CABLE

BELDEN TYPE 8431, Extremely limp and flexible, No. 24 stranded (16x36) tinned copper, rubber covered, tinned copper braid shield, brown cotton braid jacket. Only in lengths

listed below. Shpg. wt., 100 ft., 34b.
12 R 14020 15 ft. coil Net ea
12 R 14038 25 ft. coil Net ea Net each 1.26 Net each 1.65 Net each 5.25 32 R 14046 100 ft. coil

#### HIGH VOLTAGE LEAD



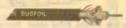
BELDEN 8866 high voltage lead with No. 18 stranded tinned copper polyethylene insula-tion. Reduces corona. Long life construc-tion. Vinyl jacket. 0.0. 208. Working volt-age. 40KV. Only in lengths listed below. Shps. wt., 234 fbs. 100 ft. 32 8 17084 25 ft. spool Net 2.31 32 R 17064 25 ft. spool 32 R 17072 100 ft. spool

TINNED BUS BAR WIRE Solid tinned copper bus-bar wire, Especially for use where high current conductor is needed as in power plants, ground wire, switchboards and point to point wiring.

Net 6.53

Beldon			100 f	100 Ft. Spool				
No.	AWG	0.D.	Stock No.	Oz.	Net			
-8022	24	.020	32 R 15183	4	.98			
8021	22	.025	32 R 15209	6	1.01			
8020	20	.032	32 R 15225	8	1.19			
8019	-18	.040	32 R 15241	10	1.59			
8013	16	.050	32 R 15266	15	2.24			
8012	14	.064	32 R 15282	26	3.36			
8011	12	.080	32 R 15308	40	5,04			

### Belden TV, Intercom and P. A. Wire



#### BELDEN DUOFOIL 75 OHM COAX

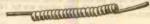
Belden 8228. Low loss 100% skielded, 75 ohm, 100% sweep tested coaxial cable for 82 channel VMF/UMF color or black and white TV reception. No, 18 solid bare copper conductor with low loss polyethylene insulation. Shielding is polyester film with aluminum reception, No. 18 solid bare copper conductor with low loss poly-ethylene insulation. Shleiding is polyester film with aluminum lamination on both surfaces. Has 4 No. 28 solid tinned copper-weld drain wires spirally wrapped. Overall PVC black all weather jacket is only .242"OD. Only in lengths listed below.

32 R 17411 32 R 17403

100' Shpg. wt., 334 lbs.

Net 6.75 Net 22, 40

#### COILED MICROPHONE AND TELEPHONE CORDS



Have insulated cadmium bronze conductors except \* has 5 strands tinned copperweid and 16 strands tinned copper. Microphone cables have black neoprene jacket except # has gray viryl; telephone cables, black viryl jacket. Type 8499, and 8605 shelded; type 8497, a shelded and 2 unshielded conductors, all others unshielded. Telephone cables have spade terminais and strain relief. Shpg. wt., 1/2 lb.

Stock	Beiden		B1772.01	Exter	าฮร	
No.	No.	Cond.	Type	From	To	Net
32 R 14236	8415*	4	Mic	111/2"	6'	1.64
32 R 15084	8497*	3	Mic	111/2"	6'	1.77
32 R 15092	8499	1	Mic	71/2"	4'	1.20
32 R 17395	8605#*	1	Mic	211/2"	12'	1.80
32 R 15118	8495	3	Tel	10"	41/2'	1,65

#### 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. In red or black. Shpg. wt., 100 ft., 4¼ lbs.

	The second second		are and dubb	Pr .c. col	PART LAND A LA	IN St.
Belden	10 Ft.		25 Ft.	100	100 F	L.
No.	Stk. No.	Net	Stk. No.	Net	Stk. No.	Net
8899 Red	32 R 17239	.87	32 R 17254	1.38	32 R 17270	4.41
8899 Blk	32 R 17247	.87	32 R 17262	1.38	32 R 17288	4.41
8898 Red	32 R 17296	1.23	32 R 17312	2.28	32 R 17338	5.97
8898 Blk	32 R 17304	1.23	32 R 17320	2.28	32 R 17346	5.97

#### VINYL COVERED MULTIPLE PAIRED CABLE

For balanced line intercom system and telephone wiring. Unshielded #22 solid tinned copper conductors, vinyl insulated, cabled in pairs, chrome vinyl outer jacket. Available only in lengths listed below.

Belden	No. of	0.D.	bs.	100 ft. Sp	lod
No.	Conds.	In.	100'	Stock No.	Net
8740	2	.150	2	32 R 13741	2.82
8741	4	.201	3	32 R 15787	4.68
8742	- 6	.240	33/4	32 R 15803	6.12
8743	12	.305	63/4	32 R 15829	10.05
8744	18	.354	83/4	32 R 15845	14.85
8754	26	.409	111/4	32 R 15860	21.00
8745	30	.420	131/4	32 R 15886	25.80

#### UNSHIELDED 2 CONDUCTOR TWISTED PAIR SPEAKER AND INTERCOM CABLE

BELDEN 8205, 2 conductor No. 20 stranded tinned copper, vinyl insulated, eabled with overall chrome vinyl jacket. D.D. .190" Shpg. wt., 100', 2 lbs Lengths available only in sizes listed below.

32 R 14202 100 ft. spool 32 R 17056 500 ft. Spool Net 3.83 Net 14.10

#### 2-CONDUCTOR-TWISTED PAIR-UNSHIELDED

All have tinned stranded copper conductors except \* age solid copper. Types with † have chrome vinyl jacket overall, others without jacket, All conductors have vinyl insulation. Available only in lengths listed

Beld. No.		0.D."		. Stock No. Net	500 Ft. Spool Stock No. Net
8481	22*	.112	11/4	32 8 13717 2.25	32 R 15555 7.35
8482	19*	.130	134	32 R 13030 2.94	32 R 15563 10.95
8460	18	.175	21/2	32 R 13725 4.29	32 R 15571 16.90
8470	16	.195	21/2		32 R 15589 21.55
8740		.150	2	32 2 13741 2.82	32 R 15597 10.05
8461†		.226	31/4	32 R 13766 5.07	32 R 15605 20.85
8471†	16	_256	4		32 R 15613 28.35

#### BELDEN 9090 METRO COLOR AND 9085 MAXI COLOR TV LEAD-IN WIRE

9090 METRO COLOR Shielded lead-in wire provides finest color, black/white, and FM reception in high interference metropolitan areas, Eliminates ghost signals, electrical and automotive ignition noises and assures sharper, more pleasing color viewing. Shpg. wt.,

3½ b. per 100 ft. 32 R 17429 50 ft. Net 4.95 32 R 17437 75 ft. Net 6.30 32 R 17445 100 ft. Net 7.80 32 R 17452 500 ft. Net 34.90 9085 MAXI COLOR Delivers superior color, black/white, and FM re-ception in low-interference suburban areas. Provides more signal to the receiver under adverse environmental conditions. Shpg. wt., 41/2 lbs. per 100 ft.

32 R 17460 50 ft. 32 R 17478 75 ft. Net 2.18 . Net 2.80 32 R 17494 500 ft. Net 14.65

#### **BELDEN 8290 SHIELDED PERMOHM** 300 OHM COLOR TV LEAD-IN



Designed for 82 channel color TV reception, 8290 Permohm com-bines the strong signal strength of twin-line with the clean signal of shielded cable. Shielded to eliminate ignition and other interfer-ence caused by line pick-up, Weatherproof. Shpg. wt., 6 lbs. per 100 ft.

Available only in lengths listed below,
32 R 15367 50 ft. ..... Net 6.10 32 R 15373 100 ft.
32 R 15365 75 ft. .... Net 8.25 32 R 15977 500 ft. Net 49.10

#### BELDEN 300 OHM TWIN LEAD





9085

Type 8225, Fig. A, for TV and FM antennas, Low loss polyethylene insulation, Stranded No. 20 (7x28). Shpg. wt., 100 ft. 2 lbs. 32 R 14061 (50 ft.) 1.34 32 R 14067 (100 ft.) 2.18 32 R 14079 32 R 15985 (250 ft.)

Type 8235, Fig. B. Low loss 300 ohm line for UHF or VHF TV antennas and for amateur transmitting and receiving—Twin lead rated 1kW(RF). Resists oxidation and sur; made with 100% virgin polyethylene web, 18 gauge (7x26) stranded. 32 R 14103 (100 ft.) Shpg. wt., 434 lbs.

Type 8230, Fig. A. "Weldohm" copper coated steel wire. P lene insulation. Almost twice as strong as plain copper. for long runs. Stranded No. 20 (7x28). Shpg. wt., 100 ft. 2 "Weldohm" copper coated steel wire. Polyethy-Perfect

32 R 14129 (50 ft.) 1.43 32 R 14137 (75 ft.) 32 R 14145 (100 ft.) 2.37 32 R 15993 (250 ft.)

Type 8265. Fig. C. Encapsulated in low loss cellular polyethylene. Delivers a strong signal on all channels VHF or UHF. A must for color TV. 2 Conductor #22 (7x30) stranded copper weld conductors. Shog. wt., 4 lbs. per 100 ft.
32 R 14160 (50 ft. 3.08 32 R 14178 (75 ft.) 4.08 32 R 14186 (100 ft.) 32 R 17015 (250 ft. 5 25 12.45

CONSOLIDATED 3-WAY ANTENNA SYSTEM 95

 Makes Any Of 3 Marconi And Doublet Systems

Uniquely designed set of parts for construction of any of 3 types of short and long wave antennas. All parts supplied for either a doublet, double doublet, or Inverted L antenna system. Contains 100 ft, bare aerial wire, 50 ft, twisted insulated transmission line. 4 insulators, 2 screw eyes, doublet lightning arrestor, window leadin strip, ground clamp and complete instructions. Shpg. wt., 31/4 lbs. 32 R 31859 Net 5.95



Ideal for small crystal, diode and transistor broadcast, and short-wave sets, 50 ft, 7 x 26 bare copper aerial wire, 25 ft. rubber covered lead-in wire, 10-ln, window lead-in strip, 2 antenna and 2 stand-off insulators. Simple printed instructions. Shpg. wt., 114 lbs. 32 R 30984

**Coaxial and Special-Purpose Cable** 

RG LOW-LOSS COAXIAL CABLES

Excellent for RF, amateur and citizens band applications. All branded with standard type numbers and meet requirements of RG cables on qualified products list of U.S. Government. O.D.: RG-8/BV, RG-11A/U, RG-11A/U .405°; RG-58/U, RG-58A/U .195°; RG-59/U .242. MMF/FT.:

RG-8/U 29.5; RG-11/U 20.5; RG-11A/U 20.5; RG-58/U 28.5; RG-58A/U 29.5; RG-59/U 21. Available only in lengths listed below. Average shop, wt., per 100 ft., 12 lbs.

	Emp.	50 Ft. Len	gth	100 Ft. Le	ngth	250 FL Les	ngths	500 Pt Leny	eths
RG Type	Ohms	Stock No.	Net	Stock No.	Net	Stock No.	Net	Stock No.	Het
RG-8/U	52	32 R 17080	8.70	32 R 30315	16.30	32 E 17096	34.80	32 R 30323WX	64.80
RG-11/U	75		_	32 R 30349	14.10	32 R 17114	33.00	32 R 30356WX	55.65
RG-58/U	53.5	32 R 17122	3.21	32 R 30364	5.64	- 32 R 17130	12.15	32 R 30372WX	20.70
RG-58A/U	50	32 R 17148	3.51	32 R 30224	6.60		_	32 R 30232WX	23.70
RG-59/U	73	32 R 17155	3.90	32 R 30398	6.90	32 R 17163	15.45	32 R 30406WX	23.90

#### STEREO PHONO PICKUP WIRE

Extremely flexible, lightweight wire for all stereo cartridges and tone arms. No. 32 stranded 2, 3 and 4 conductor twisted miniature color coded cables. Low hum and noise pickup for best stereo performance. Shpg. wt., 10 Ft., 3 oz.; 25 Ft., 5 oz.

	10 Ft. Su	25 Ft. Speci		
Cond.	Stk. No.	Net	Stk. No.	Net
2	32 R 31263	.63	32 R 31271	.81
3	32 8 31289	.72	32 R 31297	1,61
4	32 R 31305	.90	32 R 31313	1,84

	SHII	ELDED	WIRE	
	*Individually	shield	ed conductors	
2	32 R 31321	.86	32 R 31339	1.61
3	32 R 31347	1.00		1.79
4	32 R 31362	1.43	32 R 31370	2,33
22	22 0 34200	1 00	22 B 2420C	2 18

#### MAGNET WIRE

Finest quality. Available in plain enamel or heavy FORMVAR insulation. See FORMVAR listing for approx, footage per lb.



Available in 1/2 lb. spools only. Shpg. wt., 3/4 lb

#### PLAIN ENAMELED 1/9 IR SPOOLS

B & S	B & S
Size Stock No. Net	Size Stock No. Het
14 32 R 31586 1.32	28 32 R 30711 1.86
16 32 R 30596 1.37	30 32 R 30737 1.93
18 32 R 30612 1.50	32 32 R 30752 2.00
20 32 R 30638 1.55	34 32 R 30758 2.20
22 32 R 30653 1.60	36 32 R 30794 2.55
24 32 R 30679 1.67	38 32 R 30810 2.99
26 32 R 30695 1.76	40 32 R 31602 3.51

#### HEAVY FORMVAR IN 1 IR SPORTS

Stock No.	B&S Size	Feet	Net
32 R 30826	14	78	2.20
32 R 30836	16	124	2.23
32 R 30844	18	198	2.32
32 R 30851	20	313	2,43
32 R 30869	22	501	2.53
32 R 30877	24	798	2.71
32 R 30885	26	1200	2,86
32 R 30893	28	1999	3.20
32 R 30901	30	3200	3,39
32 R 30919	32	4900	3.93
32 R 30927	34	7950	4.13
32 R 30935	36	12,800	4.78
32 R 30943	38	20,000	6.15
32 R 30950	40	31,700	9,39

Shpg. wt., 142 lbs

#### BARE NICKEL CHROMIUM WIRE

For electrical heating appliances and devices whose operating temperatures do not exceed 1850°F. Ideal for compact resistance required of heavy duty rheostats and controls. 1/4 lb. spoots, Shog. wt. 7 oz.

Stk.	No.	Size	Net	Stk. No. S	ize Net
32 R	31404	14	3.44	32 R 31479	28 5.08
32 R	31412	16	3.53	32 R 31487	30 5.41
32 R	31420	18		32 R 31495	
32 R	31438	20	3.74	32 R 31503 :	14 6.69
32 R	31446	22	3.95	32 R 31511	6 7.65
32 R	31453	24	4.30	32 R 31529 3	18 9.72
32 R	31461	26	4.69	32 R 31537	10 12.46

#### LOW LOSS POLYFOAM COAX

These polyfoam coaxial cables have basically similar constructional and physical specifications as the standard cables bearing the same RG number. Lower attenuation approach tance result in signal strength increases up to 35%. 75 ohm cables are for TV and FM use while 50 ohm cables are for a mateur radio and 68. Available only in lengths listed.

RG-11/U 75 ohm coax feeder with non-peaking attenuation characteristics. Ideal for distribution lead-in. Shog, wt . 10% lbs. 32 R 31214 100 ft. coil Net 16.29 RG-59/U 72 ohm coax cable for improved FM Net 16.25 and TV reception. Minimizes noise, ghosts  RG 8/U. 50 ohm impedance cable with mini-mum signal loss and stray radiation for increased antenna system efficiency. Shpg.

wt., 5% lbs. 32 R 30463 100 ft. coil 32 R 31180 100 ft. coil Net 6 00

#### RUBBER JACKETED SERVICE CORDS

U.L. listed, rubber sheathed service cord. Each stranded copper conductor has color coded rubber insulation, cotton wrapped with tough outer rubber jacket, ideal for electronics equipment, household appliances, garden and power tools. SV for light appliances; SJ for medium appliances. Rated 300 volts maximum. Available only in lengths shown below. Average wt., per 100 ft., 8 ¾ lb.

50 Ft. Spool Type Size 0.0 Stack No. Net | Stock No. Cond Net | Stock No. 10 .250" 32 R 30992 1.76 32 R 31008 3.29 32 R 31016 5.99 12 18 .340" 32 R 31024 2.81 32 R 31032 5.09 32 R 31040 8.99 32 R 31057 32 R 31061 14 2.99 32 R 31065 5.27 32 R 31073 10.00 4 04 32 8 31099 7.72 32 R 31107 13.99

#### THERMOPLASTIC HOOK-UP WIRE

Convenient spoots of plastic insulated wire, Shpg. wt., 25'-5 oz.; 100'-3/4 lb

Stock No.	Description	Net	Stock No.	Description	Net
32 R 31691	#20 Solid-25 ft. Red	.49	32 R #9444	#20 Stranded-100 ft	Red 1 35
	#20 Solid-25 ft. Black	.49		#20 Stranded-100 ft	
32 R 31917	#20 Solid-25 ft. Blue	.49		#20 Stranded-100 ft	
	#20 Solid-25 ft. Green	.49		#20 Stranded-100 ft	
32 R 31933	#20 Solid-100 ft. Red	1.25	32 R 89485	#22 Stranded-25 ft.	Red As
32 R 31941	#20 Solid-100 ft. Black	1.25		#22 Stranded-25 ft.	
32 R 31958	#20 Solid-100 ft. Blue	1.25		#22 Stranded-25 ft.	
32 R 31966	#20 Solid-100 ft. Green	1.25		#22 Stranded-25 ft.	
32 R 89462	#20 Stranded-25 ft. Red	.58	32 R 89535	#22 Stranded-100 ft	Red 1-25
32 R 89410	#20 Stranded-25 ft. Black	.58	32 R 89543	#22 Stranded-100 ft	Black 1.25
32 R 89426	#20 Stranded-25 ft. Blue	.58	32 R 89550	#22 Stranded-100 ft	Blue 1.25
32 R 89436	#20 Stranded-25 ft. Green	.58		#22 Stranded-100 ff	

#### **BELL WIRE**



No. 18 solid. 2 conductor twisted pair. Plastic insulated. Shpg. wt., 13/4 lb. per 100'. 32 R 36286 100 ft, coil 32 R 36296 500 ft, coil Net 2.90 Net 13.75

#### HI-FI SPEAKER CABLES

Set of 2—15 ft. speaker cables, each with spade lugs on all ends. Clear plastic covered polarized conductors. 24 gauge copper

conductors. Shpg. wt., 5 oz. 32 R 36486 Per Set Same as above, but set of 2 30-ft, cables with 22 gauge conductors. 32 R 36528 Shpg. wt., 14 oz. Net 1.69

#### BELDEN COPPER BRAID

Flexible tinned copper braiding. Size is oval 1.0. except \* is flat width. Shpg. wt., per 50 ft., is 2 lbs.

Size		t. Speen 50 Pt. Spec		
10"	Stock No.	Het	Stock No.	Net
1/4	32 R 14301	.96	32 R 14368	2.88
X.	32 R 14319	1.34	32 R 44376	3.96
364	32 1 14327	1,44	32 R 14384	4.89
1/2	32 R 14335	1,32	32 R 14392	4.56
56	32 R 14343	2.31	32 R 14406	9.84
1%,*	32 R 14350	3.15	32 R 14418	13.90
-				

#### HOOK-UP WIRE **ASSORTMENTS**

Various colors, gauges and insulation.
KHT OF SIX 25-FOOT COMS

Convenient kit of six 25' coils. Shpg. wt. 3/4 lb. 32 R 79007 Net per KIT OF FIVE 100-FOOT COILS Net per kit 1.49

Shpg. wt., 11/2 lbs. 32 R 79015 Net per kit 3.49

## Antenna Wire - Guy Wire - Speaker and Zip Cord

#### UHF-VHF = OPEN LINE

300 ONM. Attenuation averages only 1.9 db over entire UHF band. No. 18 copperweld wire—pure polyethylene separators spaced at 6". Spaced only 1/2" between conductors.

Shpg. wt., 2 lbs. per 100'. Available only in lengths listed below.
32 R 36106 100 ft. coil ... Net 4.05
32 R 36114 250 ft. coil ... Net 9.79
32 R 36122 500 ft. spool ... Net 18.95 450 ONM, Similar to above. 1" spacing be-

450 ONM, Similar to above tween conductors.
32 R 36130 100 ft. coil.
32 R 36148 250 ft. speot.
32 R 36155 500 ft. spoot. Net 3.99 Net 18.72

#### LIFFLINE COPPERWELD TWIN LEAD

· Guaranteed for Life of Your Antenna

Guarantee: If this deluxe 300 ohm line fails to last the life of your antenna we will replace it at no charge. 20 Gauge Copperweld (copper ctad steel) conductors with finest brown polyethylene insulation. Chemfines prown polyethylene insulation, Chemically profected against deterioration. Special "waste free" dispenser packaze. Shpg. wt , 24/4 lbs. Per 100 ft. 32 R 36163 100 ft. package... Net 24.40 32 R 36460 1000 ft. ......



#### FOAM-TV TWIN I FAD

. For UHF-VHF and Color TV

A flat 300-ohm twin lead with the conductors A flat 300 ohm twin lead with the conductors totally encased in and surrounded by polyethylene foam with an outer black polyethylene jacket. Has high resistance to ultraviolet rays, ell, fumes, moisture, salt air and abrasion, 20-gauge stranded copper conductors. Available only in lengths listed

below. Shpg. wt. 3¼ lbs. per 100 ft. 32 R 36031 50-ft. Coil ..... Net 32 R 36049 100-ft. Coil .... Net 32 R 36015 500-ft. Coil ... Net 4.19 Net 18 60 32 R 36023W 1000-ft, Coil ... Net 36.85



#### 300 OHM TWIN I FAD

Net 14.11

Net 16 95

BROWN High quality, low-loss lead-in for all TV and FM installations. 55 mil polyethylene dielectric—22 gauge copper leads. Only in lengths listed below. Shop. wt., 1 lb., per 100 ft

32 R 89121 32 R 69121 100 ft. coil 32 R 89139 500 ft. coil 32 R 89147 1,000 ft. coil Net 6.85 Net 12.81 CLEAR. Same as above but clear for a better blend with base boards. 32 R 89154 100 ft. spool 32 R 89162 500 ft. spool Net 1.68 Net 7.51

#### HEAVY DUTY

300 ohm brown twin lead with 80 mil thick polyethylene insulation and 20 gauge copper conductors. Shpg wt., 134 lbs. per 100 ft. 32 R 89188 100 ft. coil 32 R 36452 1,000 ft. coil



32 R 89170 1.000 ft spool

#### ROTATOR CABLES

4 CONDUCTOR ROUND HEAVY DUTY, Belden 

5 CONDUCTOR FLAT. Same construction as 4-cond. flat. Shpg. wt., 2% ibs. 32 R 36312 per 100 ft. .............................. Net 4.72

6 CONDUCTOR ROUND, Beiden 8488, No. 22 stranded copper conductors. Vinyl insulated, vinyl jacket, in 100 ft, colls only. 32 R 14863 Shpg. wt., 334 lbs. Net 6.75

& CONDUCTOR ROUND NEAVY DUTY, Belden 8448. Similar to above but 2 conductors are 18 age, 100 ft, coil. 32 1 4574 Shpg. wt., 5¾ lbs. Net 10.26

#### MINIATURE ZIP-CORD - PARALIFI CARLE

Multi purpose miniature zip cord. 2 conduc-tor, 24 gauge stranded. Extremely flexible for Mi-Fi installations, auto speakers, low voltage control, etc. Available in white, brown, gray, clear. Average shpg. wt., 1 lb. per 100 ft.

32 R 89238	25	ft.	white	Net	.50
32 R 89246	25	ft.	brown	Net	.50
32 R 89253	25	ft.	gray .	Net	.50
32 R 89261	25	ft.	clear .	Net	.50
32 R 89279	50	ft.	white	Net	.80
32 R 89287	50	ft.	brown	Net	.80
32 R 89295	50	ft.	Bray	Net	.60
32 R 89303 32 R 89311	50	ft.	clear .	Net	.80
32 R 89329	100	n.	white	Net	1.25
32 R 89337	100	п.	brown	Net	1.25
32 R 89345	100	TC.	gray	Net	1.25
	100	H.	Ciear .	Net	1.25

### SPEAKER-LAMP

U.L. listed 2 conductor zipcord for lamps, speaker leads, etc. All No. 18 Gauge except is 18 Gauge. Shpg. wt., 434 lbs. per 100 ft. Only in lengths shown below.

PLAS	TIC INSULATION !	TO
32 R 31743	Black 25'	Not 1 40
32 R 31768	Brown 25'	Not 1 40
32 R 31776	"Brown 25"	Net 2 50
12 H 31800	Black 100'	Net 3.75
32 R 30026	Brown 100	Net 1.75
32 R 31826	*Brown 100'	Not 6 75
32 R 31834	Gray 100'	Net 175
32 R 31842	White 100	Net 3.75
32 R 30497	Brown 250	Net 9.05
	DIOWII 200 Carboning	146( 0.33

#### INDIVIDUALLY SHIELDED ZIP CORD

Two conductors No. 24 (7 x 32) individually shielded in spiral wrap. Gray plastic jacket over each conductor. Ideally suited for audio, hi-di, stereo and laboratory use. Shpg. wt., 1 ib. per 25'.

32 R 31693 25' spool 32 R 31701 50' spool Net 2.00 Net 3.39

#### **GUY WIRE**

Available in Finerglas Steel Vinyl Covered Steel and Aluminum



FIBERGLAS GUY WIRE Non-metallic, non-conductive, non-radiating guy line for manimum loss, 1000 pounds tensile strength. Will not rot, shrink, stretch or sag. Shpg. wt. 3½ lbs. per 100 ft. 32 R 45016 100 ft. 37.75

Six strands of no. 20 high tensile strength SM strands of no. 20 high tensite strength galvanized steel wire.

33 R 31014 SO ft. roll Wt., 1 lb. .55

33 R 31022 100 ft. roll wt., 2 lbs. .95

33 R 31030 500 ft. roll Wt., 10 lbs. 4.59

VINYL COVERED GUY WIRE

VINYL COVERED GUY WIRE
Steel guy wire as above with translucent
green vinyl. Covering; weatherproof, nonstretch, long lasting.
32 R 36494 SO ft. roll Wt., 1½ lbs. 1.05
32 R 36502 100 ft. roll Wt., 2½ lbs. 2.00
32 R 36510 250 ft. roll Wt., 6¼ lbs. 4.89

#### **ALUMINUM GUY WIRF**

7-18 gauge stranded wires. Breaking strength 500 lbs. Shpg. wt., 144 lbs. 34 R 46275 100 ft. roll. Net 2.65

#### **ALUMINUM GROUND WIRE**

No. 8 gauge solid conductor. 33 R 31048 S0 ft. coil, Wt., 1 lb. 1.00 33 R 31055 100 ft. coil, Wt., 134 lbs. 1.93 33 R 31063 500 ft. coil, Wt., 9 lb. 9.15

ANTENNA STRAIN INSULATORS





Fig. A. Brown glazed porcelain, Shpg. wt., 3 oz. 32 R 30083 lots of 10 ea. 10 Singly 23 Fig. B. Johnson 136-32. 1½" Long. Dry

33 R 32459 wt., 2 oz. Net ea. 20

### **ANTENNA WIRE**

Finest grade high tensile strength copper for all antenna requirements. Avg. shpg. wt., 2½ lb. Only in lengths listed below.

242 Ib. Only in lengths listed pelow. 32 R 36198 75 ft. 7/22 bare ... Net 2.59 32 R 36198 700 ft. 7/22 bare ... Net 3.25 32 R 36221 75 ft. 7/26 bare ... Net 1.39 32 R 36239 100 ft. 7/26 bare ... Net 1.69 32 R 30091 100 ft. 12 solid ename!Net 4.85 32 R 30109 100 ft. 14 solid ename | Net 3.35 COPPERWELD. Copper outside conductor bonded to steel core. For ham antennas, commercial installations, non-stretch, hard drawn high conductivity copperweld wire.

32 R 36247 75 ft. 12 solid 32 R 36254 100 ft. 12 solid 32 R 36262 75 ft. 14 solid 32 R 36270 100 ft. 14 solid Net 3.33 Net 4.20 Net 2.64 Net 3.49

#### INTERCOM WIRE



3 conductor twisted. Same construction as above. Shop, wt., 1 ib. per 100 ft.
32 R 30547 100 ft. coil Net 2.09
32 R 30554 250 ft. spool Net 4.70
3 conductor twisted. Same construction as above but with outer plastic jacket overall, Shop, wf., 2 ibs., per 100 ft.
32 R 30552 100 ft. coil Net 3.65
32 R 30570 250 ft. spool Net 8.60

#### SHIELDED "CONCO-FOAM"

· All Channel Color TV and FM Cable

Assures excellent VHF, UHF, COLOR and B/W T.V. and FM reception in crowded areas where reception is critical. Mylar-aluminum shielding provides strong and clean signals, eliminating electrical noise and ghost signals, 22 gauge, solid copperweld conductors, foam insulation, mylar-aluminum foil shield, insulation, mylar-aluminum foil shield, stranded tin capper down wire, black polyethylene outer jacket. Spade terminals included, 434 lbs. per 100 ft. Only in lengths listed below.

32 R 31867 50 ft. coil 32 R 31875 75 ft. coil 32 R 31883 100 ft. coil Net 4.39 Net 5.98 Net 7.95



WIN-BOOM Log-Periodic Antennas Log-Periodic Antennas IN 4 TWIN-BOOM VHF-UHF-FM/Stereo SLAFAYETTE **CHANNELS 2-83** Complete with VHE-UHE-EM Signal Splitter

- · One Down Lead Required
- Extra Long Super Sensitive Capacitor-Coupled VHF Elements

NO EXTRA CHARGE!

Multiple Directors and UHF Driven Elements for Maximum Picture Power

Twin-Boom Construction for Extra Strength Goldenized Finish for Long Lasting Protection

Lafayette deluxe aff-purpose twin boom three-in-one antenna for WHF, FM/STEREO. New frequency independent design permits all elements to work together on both low and high bands for maximum front-to-back ratio and high db gain. Extra long up to 55' reinforced aluminum WHF elements with wide band "cap-electronic" elements operate on both fundamental and harmonic modes. The result is an increased number of working elements producing maximum gain and directivity to bring sharpness and color brilliance to your screen, Disc-on-Rod WHF director system relatorces performance of surface wave UHF driver on low end of UHF band, Improved impedance match obtained by unique twin boom construction which combines mechanical rigidity with superior electrical performance. This superior construction virtually does away with interference caused by wind and vibrations. Features heavy duty insulators, rust resistant hardware and lasting goldenized finish, Complete with splitter to separate VHF, UHF, and FM signals. Less mast.

#### A 63 ELEMENT "ULTRA-FRINGE" ANTENNA

Range in miles up to: VHF to 200, UHF to 100.FM to 110, 63 individ-vidual elements, 22 for VHF/FM, 41 for UHF. Has heavy-outy ¾" square "twin-boom" and boom brace support, Boom Length 15'2". Shpg. wt., 16 lbs.

18 45 ELEMENT "DEEP-FRINGE" ANTENNA Range in miles up to: VHF to 150, UHF to 80, FM to 85, 45 individ-ual elements, 16 for V 4F/FM, 29 for UHF, Has heavy-duty 34" square "Twin-Boom" and boom trace support. Boom Length 11'2". Shpg. wt. 124 lbs. 18 R 02180WX

Net 29.85

#### C 27 ELEMENT "NEAR FRINGE" ANTENNA

Range in miles up to: VHF to 100, UHF to 60, FM to 65, 27 individ-ual elements, 12 for VHF/BM. 15 for UHF. Has heavy-duty ¾ square "Twin Boom." Boom Length 7'10", Shpg. wt., 9 lbs.

VHF-To 200 Miles UHF-To 100 Miles FM To 110 Miles JHF-To 150 Miles UHF-VMF to 100 Miles UMF to 60 Miles FM to 65 Miles

TV Antennas



## Antennas

## LVL Log-Periodic Antennas

FOR VHF-AND-FM/STEREO

LAFAYETTE "HIGH POWER" "VECTOR-LOG"® SWEPT-ELEMENT ANTENNAS DESIGNED FOR VHF-TV CHANNELS (2-13) AND FOR DYNAMIC FM

- Intensifies Color or Black-White Pictures . . .
- Excellent Front-to-Back Ratio . . . High db Gain
- Sharp-Narrow Directivity and Selectivity
- Flat TV Color Response Plus FM Signal
- Protective Goldenized Finish

Lafayette's powerful, revolutionary LVL —designed specifically for (VHF) true-to-life color reception plus black and white. Also reaches out to pull in statle-free FM and stereo FM signals. Five models to choose from for Ideal performance. Offers such exceptional quality features as: Heavy aluminum reinforced insulator cups—heavy duty insulators—special back-up brackets and square boom! Triple thick combination sleeved elements assure great ruggedness. Double contact drive line and air-insulated spacers provide maximum signal delivery to set. Less mast and twin lead, "With boom brace support.

OF	S
93	18
4	18
	18
	18
NTS	18

ELEME

36 ELEMENTS

2495

Stock No.	Range	Elements	Beem Length	Shpg. Wt.	Not
18 R 01851W 18 R 01869WX 18 R 01877WX 18 R 01885WX 18 R 01893WX	up to 140 miles up to 175 miles	10 14 20 30° 36°	4' 8" 6'11" 9' 5" 12' 5" 14' 4"	6 lbs. 8 lbs. 10 lbs. 12 ½ lbs. 13 lbs.	10.95 14.95 19.95 27.95 31.95

#### LAFAYETTE SUPER COLOR 'TENNA

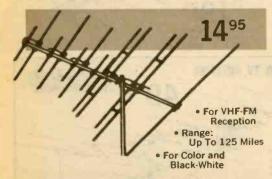
FOR VHF - UHF - AND FM/STEREO COMPLETE WITH VHF/UHF/FM SIGNAL SPLITTER

- · For Color and Black and White
- Protected Goldenized Finish
- · Easy To Install, Just One Down Lead

26 Element super color antenna with high gain providing fringe area reception on all YHF/UHF/FM channels. High front-to-back ratio minimizes co-channel interference. Rugged aluminum harness, with rust-proof clips deliver maximum signal to set. Includes YHF/UHF/FM signal splitter, Requires only one down-lead. Range: 26 element, up to 140 miles YHF, 90 miles FM, 60 miles UHF. Boom length 105° with aluminum boom support.

18 R 01638WX Shpg. wt., 9 lbs.

#### FAMOUS VHF-FM COLOR 'TENNA

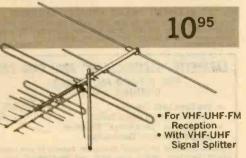


Twelve twin-driven elements work with carefully tuned, phased and spaced directors and reflectors to extend flat high gain response across entire VHF band. Cuts out ghosts and unwanted signals. Rugged reinforced aluminum elements and brackets stand up under most severe wind and ice loading. 100% pre-assembled for easy installation. Less mast. lead in. Shor., wt., 7 lbs.

18 R 01018WX

Net 14.95

### LAFAYETTE "Star Fire"TM COLOR ANTENNA



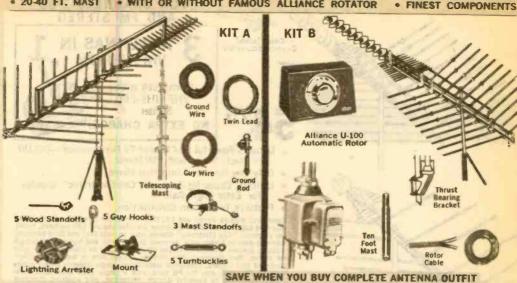
Range Up To: VHF-50 Miles, UHF-25 Miles. FM-30 Miles

Eleven element high gain antenna provides VHF-UHF & FM reception with one downlead. Separate folded dipoles on low and high bands assure greatest power with constant 300 ohm impedance match. Sturdily constructed 68" boom. Completely pre-assembled—just snap open to install. Goldenized finish resists corrosion.

18 R 01976WX Shpg. wt., 5 lbs.

## LAFAYETTE "Fringe Area" Antenna Outfits

. 20-40 FT. MAST . WITH OR WITHOUT FAMOUS ALLIANCE ROTATOR



#### INSTALLATION ACCESSORIES

Antenna butfits feature Lafayette "Deep-Fringe" Leg-Periodic Antennas, (See pages 284 to 285 for antennas). Each kit contains pre-selected high-gain antenna, telescoping mast of heavy gauge galvanized steel, plus all components in kit "A" which includes a universal base mount, lighting arrestor, 50' ground, wire, 3-1/2" mast standoffs, 5-8/2" wood screw standoffs, 5-8/2" includes ground rod, 200' guy wire supplied with 20' outfits, 500' supplied with 40 outfits, 100' rotiffs, 500' supplied with 40 outfits, 100' rotiffs, 500' automatic Rotor, thrust bearing additional 10' antenna mast, 100' of rotor cable. Kits shipped express enly

Nothing else to buy, Available with or without automatic rotor, Buying a kit gives you sub-stantial savings over the total catalog price of individual components if purchased separately.

Stack No.	Antenna	Mast	PTR	Wt.	Net	
"ULTI	RA-FRINGE" VH	F-UHF-FM	ANTENNA	OUTFITS		
18 R 90383WXM 18 R 90375WXM 18 R 90367WXM 18 R 90391WXM	18-02172WX See Page 285	20 Ft. 20 Ft. 40 Ft. 40 Ft.	A&B	39% lbs. 57% lbs. 58 lbs. 75% lbs.	57.50 96.50 66.95 105.95	
"EXTRE	ME-FRINGE" VI	HF-UHF-FN			103.33	
16 R 90193WXM 18 R 90201WXM 16 R 90219WXM 16 R 90227WXM	18-01802WX See Page 284	20 Ft. 20 Ft. 40 Ft. 40 Ft.	A&B A A&B	36¼ lbs. 54¼ lbs. 55 lbs. 72¾ lbs.	48.50 86.00 58.00 94.95	
"ULTR-FRINGE" VHF-FM ANTENNA OUTFITS						
18 R 90235WXM 18 R 90243WXM 18 R 90250WXM 18 R 90268WXM	18-01893WX See Page 286	20 Ft. 20 Ft. 40 Ft. 40 Ft.	A & B & A & B & A & B & A & B & A & B & A & B & A & B & B	38 lbs. 54¼ lbs. 54¼ lbs. 72 lbs.	43.50 61.95 53.00 92.50	

#### CONICAL WINDOW **ANTENNA**



- Ideal for Apartments
- All Aluminum Construction

#### A VHF MODEL

Contains 4 full-sized elements plus 2 high frequency dipoles, Ideal for apartment building, hotels, etc., or wherever roof-top instal-lations are impractical but necessary for the greater gain which is provided by a good outdoor antenna, Complete with all mounting hardware, less 300 ohm twin lead. Base spans up to 44". Shpg. wt., 31/2 lbs.

18 R 01380W Net 6.50

B VHF/UHF MODEL
Same as VHF model plus 8 element UHF sec-

18 R 01646W 18 R 01398 Extension bar to 60° Net 9.95 18 R 01406 Extension bar to 72" 2.29

#### POWER BEAM VHF ANTENNA

LAFAYETTE "PRIME AREA" VHF-UHF-FM ANTENNA



· For VHF-FM Reception

· Range To 60 Wiles

Goldenized

The ideal metropolitan and surburban VHF TV antenna, For Ch. 2-13. Broad-band, sharply directive, Full length elements, all aluminum construction, famous in-line design, 300-ohm impedance match reduces stray reflections and ghosts. Less mast. Shgg. wt., 414, bbs. 18 R 01026W Net 7.95



• 9 Elements

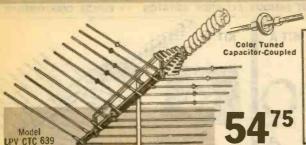
Range Up To 30 Miles

VHF-UHF • Complete with VHF-UHF SPLITTER Signal Splitter

Receives sharp, clear pictures on all VHF-UHF channels 2 to 83, plus FM/Stereo, Fea-tures 5 VHF and 4 UHF elements for crisp clean pictures in color or black and white. Gold colored alodized all aluminum con-struction. Only one downlead meeded to set. Deluxe square boom for extra stability. Less mast. Shpg. wt., 2½ lbs. 16 R 02236W Net 5.95

Lafayette Cat. No. 720

## JFD LPV-CTC CAPACITOR - COUPLED LOG - PERIODIC TV ANTENNAS



FOR CHANNELS 2-83 AND FM STEREO

ANTENNAS IN VHF/UHF/FM

Complete with VHF-UHF-FM

NO EXTRA CHARGE



- Delivers Powerful 82-Channel TV Performance—COLOR or Black/ White and FM/Stereo
- Only One Downlead Into Your Home
- Utilizes Capacitor-Coupled "Cap-Electronic" Dipoles for Extra High Gain
- Features Twin-Boom Construction

Unmatched picture power and FM/Stereo from one powerful antennal New improved Log periodic trapezoid driver provides sharper UHF pictures, broadens response. "Cap Electronic" dipoles work on both first and third harmonic ens response. "Cap Electronic" dipoles work on both first and third harmonic modes to develop higher gain, narrower beam widths, and higher front-to-back ratios to achieve brilliant color and black and white on channels 2-83—plus FM stereo. New staggered disc director system aids in trapping "tricky" stratified UHF signals. Simplified installation; single antenna covers entire VHF-UHF TV range, plus the FM band, with a single down lead. Model LPV-CTOS39 reinforced by powerful U-boom. Protective, gold anodized aluminum construction less machine. construction, Less mast,

Active Max. Range Miles Boom VHF UHF FM Length Shpg. wt. lb. Fig-Stock No. Model No. ments Length 163" 17 54.75 10 36.45 100 18 R 39224WX LPV-CTC639 LPV-CTC426 18 R 39232WX 18 R 39240WX LPV-CTC220

#### COLOR LOG PERIODIC VHF/FM LPV-TV ANTENNAS FOR CHANNELS 2-13 AND FM STEREO

Color Tuned Capacitor-Coupled

 Color Capacitor Electric Dipoles To Assure Fine-Performance On All VHF Channels

- · Highest Gain For Deep, Rich Full Color
- · Dual Boom Ruggedized Construction

Pulls in extra true color and sharp black white pictures—plus tru-fidelity FM through patented frequency-independent, log periodic design with cap-electronic dipoles. Maximum gain and directivity on all VHF channels and especially channels 7-13. High S/N ratio eliminates snow. Ghost and interference rejected by sharp directivity, narrow beamwidth and high f/b ratio. "Flip-Quick" construction for quick easy assembly. Models LPV-TV130 and LPV-TV190 reinforced by powerful U-boom. All models gold colored alodized for protection against weather and corrosion- Less mast

Max, Range In Miles Length Shpg, wt Stock No. Model No Flements LPV-TV190 VHF up to 225 205" 17 lbs. 14 lbs. 68.95 18 R 38846WX 44.40 VHF up to 175 38820WX LPV-TV130 91/2 LPV-TVAO 38804WX 7034" VHF up to 90 18 R 38796WX

#### PERIODIC LPL-FM LOG FM/STEREO ANTENNAS

Triple Square

Uniform Gain Across Entire FM Band Directional Sensitivity for Highest Interference Low As **Boom Construction** 

Designed for L-O-N-G Distance Reception Log periodic array of L-dipoles pull in superior gain-provides extra high signal strength for FM and FM Stereo-multiplex tuner circuits. Offers maximum rejection of reflected or multipath signals that cause stereo distortion. Elements provide a backfire radiation for superior f/b ratio. Frequency independent wideband response permits unvarying gain across the entire FM band. Low VSWR transfers maximum signal from the antenna to the set, Easy to assemble, Gold Rejection alodized colored construction protects against weather and corrosion. Less mast. Super-Rugged

Stock No.	Model	Elements	Range in Miles	wt. lb.	Net
18 R 38275WX	LPL-FM10A	10	to 175	17	39.10
18 R 38291WX	LPL-FM6A	6	to 125	8	23.50
18 R 38309WX	LPL-FM4A	4	to 75	6	15.65

Model

LPV CTC 220

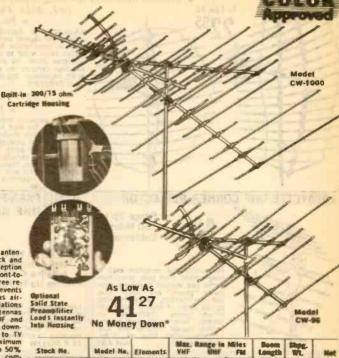
## Super Colortron Antennas by Winegard

#### "COLOR-WEDGE" FOR SUPER POWER COLOR CH 2-83 AND FM STEREO



- · Delivers Superb Color Fidelity and Perfect Black and White
- Exclusive Built-In Cartridge Housing
- Optional Solid State Preamplifier Loads Instantly Into Housing
- Single Downlead Into House
- Gold Anodized Throughout
- Super Rugged Truss Construction

Winegard Color-Wedge high gain, 82 channel anten-nas provide superb color fidelity, perfect black and white pictures and excellent FM stereo reception even in deep tringe areas. Extremely high front-toback ratio and sharp directivity insure ghost-free re-Dack ratio and sharp unrecurity leasure prosented re-ception. Narrow vertical reception lobe prevents antenna from picking up such interferences as air-plane flutter, ignition noise, and harmonic radiations from citizens band or amateur fransmitters. Antennas from citzens band or amateur transmitters. Antennas feature perfect, no-loss coupling between VHF and UHF sections and precise impedance match to downlead terminals for excellent signal transfer to TV set. Wedge design of VHF elements provide maximum VHF capture area for increased gain. . up to 50% shorter than most all-channel antennas with comparable gain, Antenna is gold anodized and performance is not affected by moisture. Super-rugged truss construction holds elements in perfect alignment and withstands the most severe weather conditions. Completely pre-assembled, easy to install. For extra power, use Super Colortron Cartridge Amplifier. See



125 Solid State Amplifier For Above Antennas See Listing Below

#### HIGH GAIN 82-CHANNEL SUPER COLORTRON ANTENNAS FOR VHF-UHF-FM

Extremely high uniform gain for VHF-DHF-FM reception, Three models with pin-point directivity. High front-to-back ratio for sharp, clear with pin-point directivity. High front-to-back ratio for sharp, clear color and black and white reception. Exclusive impedance correlators allow each model to be much more compact for easier installation and less wind resistance. Features vertical resonant UMF reflectors for very high UMF gain. FM control elements allow user to peak antenna for extra long distance FM and FM stereo. Exclusive built-in cartridge housing holds 300/75 ohm terminal board (included) for weather-tight down-lead connection. For extra power, use Super Colortron Cartridge amplifier tisted below.

Stock No.	Model No.	Element	VHF	Range i	FM FM	Seem Length	Slapg. Wt.	flet
18 R 60618WX	SC-81	23	90	60	85	81"	91/2 lbs.	29.25
18 R 60626W	SC-80	18	75	50	70	64"	8 lbs.	23.69
18 R 60634W	SC-79	13	50	40	55	44"	61/2 lbs.	18.63

 Exclusive Winegard Built-In Cartridge Housing

135"

120

One Downlead

2114

1314

69.97

Complete with Signal Solitter

#### SOLID STATE CARTRIDGE AMPLIFIER FOR ALL SUPER-COLORTRON ANTENNAS ABOVE

18 R 60782WX

18 8 60840WY 18 R 60857WX

- Amplifies VHF-UHF & FM Signal
- Signal Booster Extends Reception Range, Strengthens Weak Channels and Lets You Operate Several Sets At The Same Time

Model AC-8238 Adds greater range to your Super-Colortron antenna with this solid state cartridge amplifier. Printed circuit design with long-life overlay silicon transistors, adds big signal boost right at point of reception. Helps pull in weak distant channels and delivers strong clean signals to TV set for crisp, clear, snow-free color and black and white. Slides perfectly into Super-Colortron cartidge housing on antenna, includes power supply that mounts on back of TV set. For 300 ohm lines. For 117 VAC, 60 Hz. Shpg. wt., 1 lb. 18 R 60659 No Money Down\*

See Page 22 for Full Credit Details on Easy Pay Plan

ONLY



**UHF TV Antennas for Channels 14-83** LAFAYETTE PARABOLIC UHF ANTENNA Ultimate In Directivity— Rugged Construction As Low As

7-FT. DEEP FRINGE PARABOLIC ANTENNA For Deep Fringe Areas

Advanced 7 ft. diameter antenna utilizes a parabolic design to achieve the highest performance characteristics attainable. Multiple element construction has extremely high front-to-back ratio with narrow beam width to help eliminate ghost reflections — especially in fringe areas. All aluminum thick-wall assembly is fitted with vibration dampers for quiet high wind operation. For channels 14 to 83. Impedance: 300 ohms. Shpg. wt., 1314 ibs.

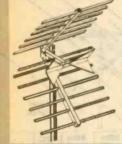
18 R 01927WX

#### 5-FT. PARABOLIC UHF ANTENNA

For Fringe Areas

A 5 foot parabolic antenna which utilizes a signal drive broadband driver unit. The high front-to-back ratio eliminates the necessity of reflectors which shadow the center of the field. Signals reaching any part of the parabola are concentrated on the driver mounted at any part of the parabona are concerning to the cast focal point. This selective design provides up to 18.6 db gain. Back of reflector acts as a shield to reduce unwanted and reflected signals. Preassembled for easy installation. Small idiameter, rugged elements with vibration dampers limit ice loading. All aluminum with protective Gold Corodized finish. Shpg. wt., 7% lbs. Net 22.95 18 R 01901W

#### LAFAYETTE UHF CORNER REFLECTOR



Range Up to 50 Miles

Goldenized

For quality UHF reception even in fringe areas. High gain, sharp horizontal and vertical directivity eliminates "ghosts" and "snow." Rugged construction, large reflector screen made of highest grade aluminum tubing. "Fold-open" assembly. "Goldenized" finish for protection against weather and saltair deterioration. Shpg. wt., 3 bb. 18 R 01448W Net 4.95

#### JERRILI PARA-PRO 27 ELEMENT UHF ANTENNA

· Add On To Present VHF Antenna-No Antenna Coupler Required

Range Up To 75 Miles

4-BAY BOW-TIE UHF ANTENNA

- Completely Preassembled Excellent Directivity
- Flat Response Across Each Channel

Range Up To 60 Miles

95

Four bay, UHF bow tie antenna. Exceptionally high (12db) gain—relatively flat across the entire spectrum...Fully factory assembled. Quickest and easiest to install. High efficency screen grid reflector boosts front to back ratio.
Unique "cross-over" phasing bars—open Velements, Rugged—rigid—corrosion resistant construction. Shpg. wt., 5 lbs. construction. S 18 R 01422W Net 5.95

· Range Up to 50 Miles

UHF ANTENNA

No matter what UHF channels serve your area—from 14 to 83—the Dart delivers a sharp, clean pattern on every channel. Utilizes the logrithmic—periodic principle which is the modern approach to UHF TV antenna design. Maintains an excellent front-to-back ratio (more than 20 db). An extremely low VSWR prevents ghosts and smears. Completely pre-assembled, nothing to snap out, no screws to tighten. Rugged, unitized welded construction. Shpg. wt., 2¾ lbs. Net 4.95

Low slihouette, high-gain periodic design requiring little space and offering a minimum of wind resistance. Has 11 driven elements plus 16 parasitic directors for perfect, sharp color reception across entire UMF band. Comes assembled with all hardware for quick, easy mounting to existing mast. Shpg. wt. 3½lbs.

Net 6.95

**BLONDER-TONGUE "GOLDEN DART"** 

#### INDOOR ANTENNA



Attractive "Bow - Tie" Design

Decorator designed to blend perfectly with any interior. Black "bow-ties" are sharply set off by the attractive golden grid. Pro-vides excellent UHF reception; minimizes snow and ghosts; attaches to back of any TV set; uses 300-ohm lead-in wire. Shpg. wt., 2½ jbs. 18 R 63240

Net 3.95

ATTACHABLE UHF-TV ANTENNA LOOP

Fits all

**Television Sets** UHF indoor antenna has omni-directional pick-up for stronger signal recep-tion. Simple to install, universal mounting lugs will fit twin lead terminals on any UHF con-

verter or TV set, Shpg. wt., 5 oz.

#### FM TWIN LINE ANTENNA

Folded dipole type for indoor use. Six foot lead-in with spade lugs. Install behind cabinet, der rug, or any con-cealed place. Im-ported. Wt., 4 oz.



UNIVERSAL PORTABLE TV REPLACEMENT ANTENNA RODS

AS LOW AS

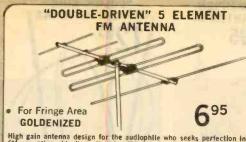
Exact replacement telescoping antenna rods for all indoor TV antennas. Easily replaces existing 4, 5 or 6 section broken or bent antenna rods. Heavy gauge — chrome fin-ished. Easily installed with a screw-

driver. Shpg. wt., 4 oz. 4 section 38" long 18 R 54009 Net 1.29 5 section 38" long 18 R 54017 Net 1.59 6 section 40" long

Net 1.99

18 R 54025 Improve Your Color TV Reception With Lafayette Antennas

## FM Antennas for Superior Performance



High gain antenna design for the audiophile who seeks perfection in FM reception. Ideally sulted for FM-stereo reception. Trouble free operation even under severe weather conditions. The fully automatic snap-lock brackets insure easy, rapid and secure installation. Boom length: 72°. Shpg. wt., 5 lbs.

Net 6.95

#### FM ALL DIRECTIONAL ANTENNA KIT

 Attaches To Existing TV Mast All Directional

• 40 Mile Range

Provides excellent gain for areas up to 40 miles from the station. Gold alodized aluminum. Complete with 50 ft. of 300-ohm twin lead, mast standoff, screw eye standoffs, mast mount.

18 R 01323W Shpg. wt., 31/4 lbs. FM ANTENNA ONLY. Shpg. wt., 2 lbs. 18 R 01331W

"DOUBLE-DRIVEN" 10 ELEMENT FM ANTENNA For Deep Fringe Areas GOLDENIZED

Ideally suited for FM-stereo reception. This 10-element double-driven, yagi array has the necessary added gain, sensitivity and directivity to compensate for the lack of signal strength. All-aluminum goldenized construction. Fiberglas insulators, Torsion lock hardware sure-lock mast clamp. Boom length: 128". Shpg. wt., 8 lbs.

Net 11.95. 18 R 01281 WX Net 11.95

FM STEREO-PLEX ANTENNA

Receives up to 50 Miles In Any Direction

Goldenized



FINCO HIGH GAIN BROAD BAND FM ANTENNAS

ALL DIRECTION FMT-A KIT



- Receives Stations from All Directions
- Gold Corodized

Model FMT-A Mounts on present T.V. mast. An All Direction FM Antenna designed for reception over the entire FM band. Two folded dipoles are matched with a special quarter wave phasing stub for optimum gain and "all direction" radiation pickup pattern. Kit supplied with 50 ft. of 300 ohm twin lead, two mast stand-off insulators, 3 Wood screw-eye stand-off insulators. Gold Corodized, Shpg. wt., 334 lbs. 18 R 30280W ... Net 9.20

FM STEREO MODEL FM-4G



- For Fringe Areas
- Gold Corodized

Receive clear, strong signals with this 6 element FM antenna. Geometrically designed to provide 9.6 db gain with twin driven element and impedance control stubs. Extra wide spacing of the six elements results in high front to back ratio (22.5). Square boom for rigid support with locking brackets for no-tilt elements. Presassembled, Shog, wt., 6 lbs.

18 R 30249WX Net 16.35

FM STEREO MODEL FM-5



For Deep Fringe Areas

o For Deep Fringe Areas

10 Element deluxe FM antenna using twin
drive elements with impedance control "T"
match stubs. Db gain of 9.6 for maximum
reception throughout 88-108 MHz band.
Patented fidelity phasing provides: 27.1
front to back ratio with 1.25 SWR. Corrosion resistant with gold corodized finish.
Sturdy saddle mounting of elements and
"box gifder" snap out, self aligning brackets are pre-assembled for easy installation.
Braced square boom, 10 ft. long. Shpg.
wt. B ibs. 18 R 30231WX

INCO

WINDOW MOUNTED FM ANTENNA

ideal For Apartments, Buildings, etc.

Only

Model FM-WT. The ideal answer to FM/FM Stereo reception problems in apartment buildings, etc., wherever a rooftop antenna is impractical but an outside antenna is needed for improved reception. The antenna is FINCO's famous omnidirectional FMT, lagenuously mounted on a highly adaptable window mount, Mounting can be either horizonal or vertical. The sturyd extendable window frame mount will fit any window up to 42 inches wide. Shog, wt., 4½ lbs.

18 R 30462W

Net 10.45

INDOOR 2-SET FM SIGNAL BOOSTER

- High Gain 20db
- Ideal For Stereo And Monaural FM



Depend On Lafayette For Quality Communications Equipment

Latayette Cat. No. 720

IMPERIAL-COLOR UHF/VHF ANTENNA 2495



- Electroplated 24 Karat Gold Loops
- Superior on Color and Black and White

For clearer and sharper color and black and For clearer and sharper color and black and white pictures, the imperial antenna has specially designed 6-section all brass elements with exclusive "High inductance Grid" and "Loading Coil". You can actually pinpoint signal pickup with the combined action of the special "Signal". "Picture" and "Golor" controls provided, Five gears remotely control two sensitive color tuning loops which allow you to easily achieve more precise color adjustment on any set, Special 12-position signal level control reduces overloading of signals, Walnut decorator styling, 18 R 12429 Shog, wt., 4½ lbs. Net 24.95

**Color VHF/UHF Indoor Antennas** 

COLOR CHAMPION

- Features Color Tuning Loops and Power Boosters
- VHF-UHF Isolation Network Switch

Get clearer, sharper pictures on all VHF/ UHF channels 2 thru 83, in color and black and white, plus FM stereo. Combined action and white, plus FM stereo. Combined action of color funing loops, power boosters, and 5 section 46" solid brass elements give superb reception. 12 position picture correction control clears up ghosts, snow and color fading in most difficult areas. Separate VHF/UHF isolation network switch allows consistent true color levels and sharper color register. Attractive styling with walnut finish. Range up to 30 miles. Spg. wt., 4½ lbs.

18 R 12411 Net 19.95



 Special Color Phasing Loops and Color Fifter Control

Deluxe indoor antenna for color and black and white reception on all VHF and UHF channels. Perfect pictures insured by color phasing loops and color filter coupled with phasing loops and color inter coupled with 46" solid brass telescoping arms. 12 posi-tion picture correction control with silver plated contacts to clear up annoying "ghosts" and "snow" even in the most dif-ficult reception areas. Separate VHF and UHF transmission lines provide low-loss matched impedance. Attractive styling in walnut or mahogamy. Shpg. wt. 3½ lbs. 18 R 12221 Walnut Net 12.95 18 R 12239 Mahogany Net 12.95

#### "DELUXE" VHF/UHF **ANTENNA**

• For Channels 2-83

. For Color, Black and White TV

Indoor TV antenna with 46" telescop-ing arms coupled with adjustable radar loops for extra efficient operation in difficult reception areas. 12-position dual control to reject ghosts and orient antenna to direction of strongest signal. Solid brass tip balls on telescoping arms elim-inate signal losses and static dis-charge interference. Radar loop charge interpretate. Radar log-principle makes possible clearer and sharper pictures on all channels. Matched impedance with separate leads for VHF and UHF. Attractive, durable plastic base, Shpg. wt., 344 lbs. 18 R 12080 Walnut Net 9.95 18 R 12072 Mahogany Net 9.95



#### "RADARCOIL" VHF/UHF ANTENNA

· For Color and Black & White

Wherever an indoor antenna is necessary for both color and black-and-white all-channel TV reception, the "Radar Coil" will bring you clearer and sharper pic-tures. Powerful indoor antenna utilizes. tures. Powerful indoor antenna utilizes
46" long solid-brass 4-section telescoping arms to provide efficient reception,
plus 12-position switch helps to eliminate ghosts and snow. A real beauty to
grace any decor. includes separate
leads for VMF and UMF. Available in
mahogany, or walnut finish base. Shpg.
wt., 24b lbs.

18 R 12122 Walnut. Net 6.95

"POWER-KING"

VHF/UHF ANTENNA

12-Position Switch

18 R 12114 Mahogany

Net 6.95

## Designed for both color and black-and-white; all channels VHF/UHF 2 thru 83, plus FM stereo 88-108 MMz. Combined plus FM stereo 88-108 MMz. Combined action of unique concentric rings and long 39" telescoping arms help to eliminate ghosts, snow and interference for clear sharp black-and-white plus true-to-life color reception. 12-position station direction control effectively matches the antenna to channel frequency for optimum gain and all-directional pickup pattern. Silmline styling. Includes separate leads for VHF and IHMF Shew W 2 1bs

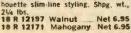
YHF and UHF. Shpg. wt., 2 lbs. 18 R 12155 Wainut N 18 R 12148 Mahogany ...... Net 4.98 Net 4.98



#### FM STEREO/MULTIPLEX **ANTENNA**

Reduces Drift, Hum and Noise

Assures virtually drift and distortionfree FM reception. Strengthens weak stations and helps block out reflected signals and background noise. Features 14 wave 4-section precision arms; 34 wave induction coil; 12 position station direction control. and a special noise filtering circuit for extremely effective performance. Provides strong reception over en-tire 88-108 MHz FM band, Low silnouette slim-line styling. Shpg. wt.,



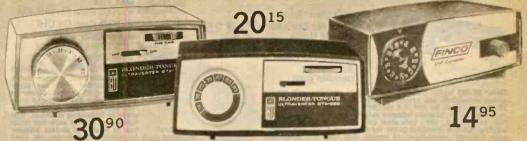


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## Add Channels 14-83 To Your 12 Channel TV Set

BLONDER-TONGUE UHF CDNVERTER/AMPLIFIER BLONDER-TONGUE UHF CONVERTER

FINCO UHF CONVERTER



Model BTX-11A Now you can enjoy additional educational and regular UHF programing. This attractive solid-state converter adds all UHF channels (14-83) to your present TV, anywhere within the range of a UHF station. Features a new dual speed 100 to 1 fine vernier and illuminated dial for easy funing; 3 times amplification; double tuned UHF Input circuits and shielded oscillator restina input circuits and shielded oscillator section from the circuits and shielded oscillator section for interference-free reception. AC convenience outlet. Complete with JHF loop antenna, connecting cable. Reliable patented tuner; spliceless, stripless terminals. For 110-120 VAGGOHZ, UL listed. Spg. wt., 2 lbs, 18 R 18319 Net 30.90

Model BTX-999 Keep abreast with the new look in TV programing. If your present television has been dated by modern UHF reception, modernize your TV and allow for future expansion, Adds all UHF channels (14-83) to your B&W or color TV set, Ideal for prime signal areas up to 20 miles from the station, and in many areas can perform well using only an Indoor antenna. Low noise, solid state circuit is virtually drift-free. Rugged, reliable patented tuner. Fine vernler illuminated dial for easy tuning. Splicess, stripless terminals, Complete with UHF loop antenna, connecting cable. For 110-120 V, 60 Hz, AC. UL listed. Shpg. Wt., 2 lbs. 18 R 18301

Model U-VERT 100 All-transistor UHF con-

Model U-VERT 100 All-transistor UHF converter provides clear, all-channel reception in metropolitan areas where you receive a strong television signal. Adds all the UHF channels (14-83) to your present TV set. Unit is housed in a sturdy, plastic, streamlined cabinet that looks like expensive furniture ... will actually enhance the appearance of any room as it sits on top of the TV set. Easy to install—all you need is a screwdriver and a few minutes of your time; extremely simple to poerate. Meets all FCC specifications. Overall cabinet size 8x5x 3¼4". Operates with 110-120 volts. 60 Hz., AC, U.L. listed Shgp, wt., 2¼4 lbs. AC. U.L. listed Shpg. wt., 21/4 lbs. 18 R 30314 Net 14.95

"MONTEGO" COLOR VHF/UHF TV ANTENNA

"LE MANS" COLOR VHF/UHF TV ANTENNA

- All Angle Ball Sockets For Easy Positioning
- Features Color-Accented Dipoles
- 14-Position Picture Clarifier Control

fust flick the knob of this advanced indoor TV antenna and eliminate ghosts, snow and smears, interactghosts, snow and smears. Interact-ing impedance matching circuits work together with phased inter-secting loops and adjustable ball-pivoted 45" telescoping diooles to pull in true-to-life cotor, and sharper black and white on channels 2 to 83. Color accented dipoles. High quality polished chromated brass elements. Handsomely styled walnut colored tilt-proof base. Separate VHF UHF twin leads. Shpg. wt. 3 lbs. 18 R 39208





Features Color-Accented Dipoles

14-Position Picture Clarifier Control

· Clears-up Color, Black/ White and FM Stereo

White and FM Stereo
Deluxe indoor TV antenna for color,
black and white reception. 14 position picture funing control clears-upsnow, ghosts and smears. Interacting impedance matching circuits
and adjustable ball-pivoted 45" telescoping color-accented dipoles deliver brighter, crisper pictures in
color or black and white on channels 2 to 83. High quality polished
chromated brass elements. Elegant
walnut colored till-tproof base with
walnut wood grain iniay. Separate
VMF and UHF twin leads. Shpg: wt.,
4 lbs. 4 lbs. 18 R 39216



A

A 4-SECTION DIPOLE ANTENNA

Tip proof base, 4-section aluminum dipoles adjust for best picture on all VHF channels and FM. Handsome mahogany base. Tip-proof felt padded base design safeguards TV cabinet. Complete with 300-ohm twin line. Shpg. wt., 11/4 lbs.

18 R 38408 B ASTRO-JET SWITCH-TYPE ANTENNA

Dual direction-finding loops pull in stronger signals on UHF spectrum. 4-section. 38 inch, telescoping dipoles provide VHF reception. Multi-position channel-selector switch rejects ghosts, interference. Separate leads for VHF and UHF. Cushloned, tip-proof mahogany base. Shpg. wt. 134 lbs.

18 R 38853

Net 3.95

IS R 38853 Similar to above for VHF/FM only. Net 2.95

C UNIVERSAL BEHIND-SET TV ANTENNA

For portable and console TV's. Excellent re-placement. 5-section, highly polished di-poles extend to 38" and have a 360° swivel. Collapses behind set. With mounting screws. 18 R 71011 Shpg. wt., 3/4 lb. Net 2.39

EXACT REPLACEMENT **ANTENNAS** FOR SONY AND PANASONIC TV SETS

Avg. shpg. wt., 8 oz. Stock No. Fig. Panasonic Model No. Net 18 R 39265 1 AN 109, AN 209 18 R 39273 2 AN 29, AN 52 1 AN 32, AN 59 J 3.49 4.15

Stock No. Fig. Sony Model No. Net 18 R 39281 3 500U, 900U, 920U 18 R 39299 3 700U, 710U 3.27 4.57

Make Lafayette Your One Dependable Source for Everything in Electronics

Lafayette Cat. No. 720

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## Winegard Color TV-FM Boosters

#### VHF-UHF-FM SOLID STATE BOOSTER-COUPLER



• 4-300 Ohm Outputs

 Perfect For Ch. 2-83 and FM Home System

 Excellent For Color Because Of Uniform Gain

todal BC-382 highly efficient TV-FM signal amplifier with overlay silicon transistors and printed circuitry. Delivers full gain on all 82 channels (5 db for VHF, 4.5 for UHF), enough to operate 1, 2, 3, or 4 sets. 15 db isosidion between outputs. Low noise (6.2 db avg., VHF, 11.7 db avg., UHF), cuts snow even in deep fringe areas. Uses existing 300-ohm downlead to the input and has 4-300 ohm outputs with "no-strip" connections. In ename! steel case with connectors and instructions 21.7 MFC Shore 21.7 bits 1.5 miles 1 and instructions. 117 VAC. Shpg. wt., 21/4 lbs. 18 R 60733

Net 30.48

Model BC-782. Similar to above except for 75 ohms; gain 6.5 db per output, Shpg. wt., 21/4 lbs. Net 33.04

#### SOLID STATE VHF-FM 4-SET BOOSTER-COUPLER



• +7.1db Gain To Each Of 4-300 Ohm Outputs

- Recommended For Color and Black and White
- Improves FM Reception
- 75 and 300-ohm

Model BC-234 makes a good home TV and FM system amplifier, or an amplified 4-set coupier. Gain is +7.1 db at each of the 4-300 ohm outputs or +14 db at the single 75 ohm output. Uses tempera-ture stable overlay silicon transistors—long life, low cost operation. Flat response for perfect color reception. No interaction between sets. All metal housing. Includes connectors. 117VAC. 18 R 60758 Shpg. wt., 2½ lbs. Net 29.10

Model BC-274 As above, except with 4-75 ohm outputs. Avg., gain 4 db per output. With connectors. Shpg. wt., 2½ lbs. 18 R 60766 Net 29.37

+25 db VHF-UHF-FM SOLID-STATE COLOR SYSTEM AMPLIFIER



 Will Drive 10 TV/FM Units

· Use In Motels, Apartments, Hospitals, Homes

Model DA-825A. 75-ohm, 82-channel high quality color and black and white amplifiler with 25 db gain. Rugged transistor circuitry features silicon transistors in a unique grounded emitter circuit for excellent stability, sensitivty, and ultra-low noise figure (5.1 db VHF, 7 db UHF,) Provides 35 db mV per channel UHF output with 4-channel input operating at 60% maximum input level, ideal for home and commercial MATV systems with up to 10 line tap offs. May bome and commercial MAIV systems with up to 10 line tap ons. May be used with a single 82 channel antenna or separate VHF-UHF antennas. Has separate inputs for VHF and UHF. Model CS-775 separator-joiner recommended for separating VHF-UHF signal from a single downlead of a 82 channel antenna. Compactly designed in a cabinet unit. Complete with coaxial connectors, hardware and built-in 117MAC power supply. Shop. wt., 2¼ lbs. Net 44.90

Model CS-775 Separator-Joiner to attach single downlead to separate UHF-VH. inputs of DA-825A above. Shpg. wt., 1/2 lb. 18 R 60824 Net 5.96

SUGGESTED DISTRIBUTION SYSTEM FOR ABOVE 00000 **VTF-73** Line Tap-Offs CS-775 00000 DA-825A

82 CHANNEL 2-TRANSISTOR VHF-UHF-FM SOLID-STATE AMPLIFIER

2425

20db Gain On VHF-FM 10db Gain On UHF

For Color and Black and White

Use With Any

VHF-UHF-FM Antenna Model RD-830 Twin-transistor antenmoder Ru-sus with transistor anten-na preamplifier gives big signal boost to any 82 channel antenna for beautiful color and black and white reception. No extra wires needed; connects to existing downlead, High signal input assures some free recensignal input assures snow-free reception of weak and distant stations.

AC isolation transformer—no stock Mounted Unit hazard, Protected against lightning, static discharges, or power line surges. Built-in hi-pass filter. Has single 300 ohm input and output. With AC power supply, mtg. hard-ware. 117 VAC. 60 Hz. Shpg. wt., 1½ lbs. 18 R 60873 ...... Net 24.25 Model RD-870 Same as above but

Indoor Power 75-obm output. 18 R 60881

Mast

#### VHF-UHF-FM SOLID-STATE 2 SET BOOSTER-COUPLER

 Doubles Input Signal

 Perfect For Color and Black and White

Net 24.71

132 . High Isolation Between Sets

Model BC-830. Boosts signals on all channels 2 thru 83, plus FM; operates two TV sets or TV and FM set from single 300 ohm antenna downlead. Unique lightning protected circuit overcomes loss of spili-ting signals. Average gain of 5.25 db to each output, provides a healthy boost for snow-free pictures. High input level prevents overhealthy boost for snow-tree pictures, mign input reter pictures load in mixed signal area, 300 ohm input and output thru handy "no strip" screw terminals. Operates on 117VAC., 60 Hz. Shpg., 3/4 lb. 18 @ 60727

Model 9C-870. Similar to above, except with 2-75 ohm outputs. Average gain. 4.5 db to each output. Shpg. wt., 3/4 lb. 18 R 60725

FM SUPERCHARGER Transistorized Gives You 8 Times More FM Signal · Ideal for Stereo and Monaural FM · Easy to Install

Model FM-340. Greatly improves FM and FM stereo reception, Transistorized booster-amplifier adds +17 db gain (8 times more signal) to incoming signal, Ideal for fringe and deep fringe areas, 300 0hm input and output. Bandpass: 88-108 MNz. Operates on 110-120 VAC

18 R 60642 Shog. wt., 3/4 lbs.

Net 14.20

#### ACCESSORIES FOR DISTRIBUTION SYSTEM

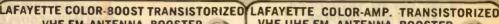


Model 7-28—82-channel molded matching transformer for attaching 75 ohm coaxial cable to 300 ohm antenna terminals of TV set. Features very low insertion loss with F-59 connector. Shpg. wt., 7 oz. 18 R 60204 Net 2.19 18 R 60204

18 R 60204 Model T-28M Mast mounted 82 channel, Matching Transformer matches 300 ohm antenna to 75 ohm coaxial cable. Complete with mounting clip, weatherproof boot, and F-59 connector. Wt. 8 oz. Net 2.30

Model CS-205-Behind set VHF-UHF signal splitter. 18 R 60584 Shpg. wt., 4 oz.

Model CS-175—Behind set VHF-UHF signal splitter and 75-300 ohm matching transformer with F-59 connector. 18 R 60675 Shpg. wt., 4 oz. Net 3.96



VHE-FM ANTENNA ROOSTER FOR CHANNEL 2-13 & FM/STERFO Made in U.S.A Mare Indoor Power Mounted Supply

Unit Gain +14.6 db - Supplies TV set Up To 5 Times More Signal - Low Noise High Gain Transistorized Circuit - Use With Any VHF (Ch. 2-13) Or FM Antenna

Solid-state antenna preamplifier for superb fringe area reception. Gives sharp color and clean black and white pictures without snow and interference plus provides a healthy boost to FM. Features exand Interference plus provides a healthy boost to FM. Features ex-clusive lightning protection circuit, highest quality components, and latest RF circuit techniques. Weatherproof outdoor housing has handy five-way mounting bracket and "no-strip" screw terminals. Separate power supply plugs into any 117 VAC., 60 Hz outlet, AC Isolation transformer in the power supply eliminates shock hazard, Has single 300 ohm input and output.

18 R 02131 Shog, wt., 146 lbs

#### VHF-UHF-FM ANTENNA BOOSTER FOR CHANNEL 2 - 83 & FM/STERFO Made in U.S.A Mact Indoor Power Mounted Manie Supply

Gain 20 db VHF-FM - 10 db UHF - Uses Low Noise 2-Transistor Solid-State Circuit

Use With Any Outdoor TV or FM Antenna - AC Isolation Transformer - No Shock Hazard

Enjoy vivid color and crisp black and white pictures: instantly improve your FM reception. 2-transistor solid-state mast-mounted pre-amplifier overcomes downlead losses and rejects interference, matching your roof antenna to your TV or FM set under all atmospheric and weather conditions. Gives 20 db boost to VHF and FM; 10 db to UHF. Designed for moderate to fringe area signals. Weatherproof outdoor housing mounts easily on an antenna boom or mast. Complete with 117 VAC indoor power-supply and hardware. Has single 300-ohm input and output thru "no-strip" screw terminals. Shpg. wt., 142 ibs. 18 R 02149 Net 21.95

#### LAFAYETTE TRANSISTORIZED 4-SET VHF-TV/FM ANTENNA BOOSTER

FOR CHANNEL 2-13 & FM/STEREO



300 ohm Input-4 - 300 ohm Outputs Amplifies Signals for Up to 4 Sets

Easy to Connect and Economical to Operate

If your antenna isn't pulling in signals of sufficient strength then this Lafayette Booster Amplifler is just what you need. Screw-on terminals make wire connections easy, no cutting is necessary. Transistor circuit runs cool, draws little current. Signal strength is boosted 3 to 5 times. Will operate up to 4 TV and or FM sets on the same antenna, Input impedance is matched to antenna impedance. Needs no adjustment, isolated outputs insure maximum set separation. Can be mounted in any convenient location where adequate ventilation is provided. Size 44/Wx11/4Hx31/2\*D. For 117 worts, 60 Hz AC, Imported, Shpg. wt., 1 fb. 99 R 40115

#### LAFAYETTE TRANSISTORIZED 4 - SET VHF-UHF-FM ANTENNA BOOSTER

FOR CHANNEL 2 - 83 & FM/STERFO



**Entertainment Systems** 

Perfect For Color And Black and White

Wighly efficient 3 transistor Indoor amplifier boosts and distributes VHF/UHF/FM signals to as many as four TV and/or FM receivers. Three Noverload® silicon overlay transistor circuitry provides 6 db VHF gain and 6.5 db UHF gain at each of four 300-ohm outputs. Flat response across each channel for excellent color. 15 db gain isolation between outputs. High Input signal capability boosts weak signals but will not overload from other strong signals in area. Pilot light, Amplifier and power supply are combined into one perforated steel cabinet. Size: 2Hx4Dx614"W. For 117 VAC, 60 Hz. Imputed Show wt 2 10s. ported. Sapg. wt., 2 lbs. 18 P 02214

MAST MOUNTED VHF-UHF-FM COLOR AMPLIFIER Indoor Power **Mast Mounted** Unit

Model SP-2382CD VHF/UHF/FM Mast Mounted 3 Transistor Amplifier.

12 db gain on VHF and FM, 14 db gain on UHF. Clears up ghosts, snow and interference. For color, black and white and FM reception.

300 ohm input and outputs. Weather and lightning protected amplifier unit mounts on mast for high signal to noise ratio. Compact power supply. Needs only one downlead from VHF/UHF/FM antenna. For 110-120 VAC, 60 Hz. Shgz. wt., 2½ lbs.

18 R 39158 No Money Down\*

Model SP-2300CD Similar to above except for VHF—Ch. 2-13 and FM only. Power supply has built-in coupler to operate two sets. Gain/VHF—One set, 14 db, 2 sets 8.5 db at each output.

Net 35,65

18 R 39182

Net 35.65

INDOOR VHF-UHF-FM COLOR AMPLIFIER



Intensifies Color

4-300 ohm Outputs

Clears Up "Ghosts"

& "Snow"

Medel PC-4382CD VHF/UHF/FM Director 3 Transistor Amplifier. Improves performance of any VHF/UHF/FM combination antenna using one downlead. Broadband design, 300 ohm input splits to four 300 ohm outputs with 6.5 db gain per output. Network completely isolates each output and prevents interaction. Ultralow noise silicon "Novertoad" transistor circuitry. Improves color reception. Easily mounts in any position on any surface. For 110-120 VAC, 60 Hz. Size: 5x34/2 x14/". Shgg, wt., 2 lbs.

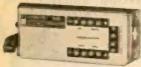
18 R 39166 Net 31.95

Model PC-4312CB Similar to above except for VHF-Ch, 2-13 and FM,

8 db gain per output. 18 R 39174 Net 22.50

## BLONDER TONGUE TV and FM Boosters

#### 4-SET VHF-FM TRANSISTOR AMPLIFIER—COUPLER



- · For Color and Black and White
- For Up To 4-TV Or FM Sets

Model DA-4V-300 indoor 300-ohm amplifier for channels 2-13 plus FM. All solid-state transistor amplifier can supply up to 4 sets. Gain: At each of 4 outputs—VHF (ch. 2-13) 6.2 db: Maximum signal-to-noise ratio for clear pictures. Excellent isolation between outputs prevents interaction between sets. Use in home and small 300-ohm systems. Stripless screw terminals. Self-contained power supply. 81/4x31/4x1". 110-120VAC, 60 Hz. 18 R 18335 Shpg. wt., 11/4 lbs.

#### 4 SET VHF-FM 75-OHM AMPLIFIER-COUPLER

Model DA-4V-75-Similar to above except with 75-ohm input and 4-75 ohm outputs. Average gain to each output 5 db. Shpg. wt., 145 lbs.

Net 23,40

#### 4-SET VHF/UHF/FM AMPLIFIER

Model DA-4UV-308, Similar to above except for channels 2-83 plus FM. 3-transistor silicon circuitry. Gain: At each of 4 outputs. WHF (ch. 2-13) 5 db; UHF (ch. 14-83) 7db, 110-120 VAC, 60 Hz. 18 R 18343 No Money Down\* Shpg, wt., 11 oz. ....... Net 31.15 Net 31.15

#### MAST-MOUNTING VHF-UHF-FM AMPLIFIER



Down\*

- 4 Silicon Transistors
  - For Color and Black and White
- Built-In FM Filter

Voyager weatherproof all-channel (2-83) amplifier and remote power supply. Sili-con transistors provide peak performance. Will not overload if there are strong local stations. Dual amplification increases sig-nal up to 5 times. Has separate 300,0hm UHF and VHF inputs and outputs and FM overload filter. Protected against lightning, overload filter. Protected against lighting, static discharge and powerline surges. Cain: VHF (ch. 2-6) 14 db, (ch. 7-13) 14.7 db; UHF (ch. 14-83) 12.3 db. Complete with power supply and mounting hardware. Size: 2½x3½x1½m². Power supply, 4½x3½x1½m². Power supply, 4½x3½x1½m². For 117¼C. Indoor Power Supply 18 R 18095 Shpg. wt., 2 lbs. Net 35.25

#### **MAST-MOUNTING 2-TRANSISTOR** VHF/FM AMPLIFIER

Horizon solid-state, mast-mounted home TV amplifier with remote power supply. 2-transistor circuit brings in distant and local stations with sparkling clarity and no overloading. Built-in 2 set coupler. Gain: At each of 2 outputs—WF (ch. 2-6) 9.5 db; (ch. 7-13) 11 db. Hardware provided. 117VAC. Size: 2½x5x3½.". Power supply, 4½x 34x34 ". Similar appearance to above.

18 R 18103 Shpg. wt., 11/2 lbs.

Control Box

#### AMECO NUVISTOR FM PREAMPLIFIER

Nuvistor Cascode FM Pre-



petween your existing FM antenna and tuner or receiver with 300 ohm twin-lead wire. Contains its own power supply and ON/OFF indicator light and may be placed anywhere near the FM tuner. Once desired station is tuned on FM tuner, the control is also tuned to that station for optimum reception, Greatly helps to eliminate fading and background noise especially inherent in weak FM multiplex signals. Features two 6DS4 nuvistors in cascode circuit. Size 534W x 3H x 334"D. Power requirements 120 VAC, 60 Hz. Shpg. wt., 21/2 lbs. 21 R 20012

4-Set VHF/UHF/FM AMPLIFIER/COUPLER

Low

- 4-300 Ohm Outputs
- For Channels 2-83 Plus FM

Homer 300 U/V Indoor, solid state, 4-output, 300-ohm VHF/UHF/FM indoor powered amplifier/coupler for VHF/UHF channels 2-83 plus FM. Low noise transistorized circuitry. Excellent isolation between outputs prevents interaction between sets, 300-ohm balanced Input/output impedance, Gain: At each of 4 outputs—VHF (ch. 2-6) 7-5 db. (ch. 7-13) 6.5 db; UHF (ch. 14-83) 1.0 db, All terminals with stripless screws, Size: 3x44x134". For 110-120VAC, 60 Hz.

18 R 18392 Shpg. wt., 34 lb. Net 14.95

#### MAST-MOUNTED HIGH GAIN VHF-FM AMPLIFIER



No Money Down\* 30db Minimum

- on VHF/FM
- Solid-State For Deep-Fringe

Model AB-30

Deluxe two-piece mast mounted amplifier for use in the most difficult reception areas. One of the most powerful units available for the home. May be used in small hotels, appliance stores, etc. Will drive up to 50 sets in a properly designed distribution system. May be used as a preamplifier for an HAB or other distribution amplifier. Power is duplexed onto lead connecting amplifier and its remote power supply. duplexed onto lead connecting amplifier and its remote power supply. (Power supply is Included with unit), Mast mounted amplifier has 300 ohm input and 75 ohm output, Specs.: 30 db gain on all VHF and FM frequencies, Remote Amplifier/Power supply mounts anywhere-indoors. Single 75-ohm input and output, Supplied with coaxial connectors. Size: Mast Mounted Unit—5\4x334x34\%; Indoor Amplifier/Power Supply—8\4x34\2x2\%. For 117 yorks A6, 60 Mz.

18 R 18376 Shpg. wt., 234 lbs.

Net 44.95

#### BLONDER-TONGUE PRISM-MATIC **AUTOMATIC ANTENNA ROTATOR**



No Money Down

Solid State Control Box Will Handle Largest Color TV Antenna

Heavy Duty Thrust Bearings



Retator

Model PM-1. Just set the dial and the Prism-Matic automatically aims your antenna to the direction indicated. Complete solid state direction indicated. Complete solid state control unit assures precise synchronization throughout the full 360° rotation. High-power DC motor allows low current to pass thru the leads. Has automatic shut-off, positive braking and illuminated dial. Off-center loading ensures non-breakage, at 1300 ft. lbs. Accepts masts up to 1½" diameter. In addition, unit is short circuit proof, burn-out proof and lightning pro-tected. Operates at temperature extreme from —30°F to +140°F and 100% humidity. Factory lubricated for life. Supplied with corrosion resistant mounting hardware. Control unit is hi-impact beige and brown polystyred cabinet with brushed compass face. 2%x534x 7", 105-130 VAC. Uses 4 conductor cables.

Shpg. wt., 71/2 lbs. Net 35.95 For cable listing see page 297.

## Alliance Tenna-Rotor® Systems



- · Factory Lubricated for Life
- Reinforced Housing Weather Protected
- External Hardware of Corrosion Resistant Materials
- Full 360° Rotation

(A) Model C-225 Automatic Rotor System with Transistorized Control Box. Enables you to receive the brightest, clearest picture possible and eliminate interference with pin-point accuracy. You can bring in more stations and in addition, you have the sensitive tuning required for Color TV viewing, CB. & Amateur Radio. Accepts masts to 136" O.D. Guy wire accesses provide secure installation. Has patented offset feed thru design for greater strength-to-weight ratio, Control Case is solid-state, featuring a patented phase-sensing bridge circuit from scientific laboratory test equipment. Completely silent operation and accurate repeatability. Size: Rotator: 74x x 4½ x 8", Control Case: 6½ x 4¼ x 5". 115V. 60Hz AC, 80 Watts. Uses 5 Cond. Cable. Shpg. wt., 9½ ibs.

18 R 14011W Net 35.97

BModel U-100 Automatic Rotor System. Accepts masts to 136" 0.D. Guy wire accesses provide secure installation. Control Box fully automatic, just set control knob and antenna rotates to desired position and stops automatically. Indicator shows position of antenna, Has positive mechanical stop at the end of rotation. Sizes: Rotator 74x4/4x8". Control Case 7x4/2x4" 115 V, 60 Hz AC at 65 Watts. Uses 4 Cond. Coble. Shpg. wt., 9½ ths.

Net 28.78

- Will Handle the Largest Color TV Antenna In Winds In Excess of 90 M.P.H. Rotation Speed 1 R.P.M.
- · Magnetic Brake for Instant Stops with No Drift

Model T-45 Manual Rotor System. Slight pressure on the control bar rotates antenna through its full 360° cycle and stops at any point by releasing the bar. New patented 5-wire circuit provides a precision system that is unaffected by motor current, cable length and line voltage variations. Improved electrical system with expanded meter scale, assures pin-point accuracy and easy-to-read antenna direction indication, 115 V, 60 Hz at 70 Watts. Size: Rotator 7-4 x 44/2 x 8°. Control Case 64/2 x 44/2 x 24/2° Uses 5 Control Cable.

18 R 14029W Shpg. wt., 10 lbs. Net 24.03

D Model K-22 Manual Rotor System, Economy model—provides instant fingertip control of rotation. Push on end of bar and antenna turns counterclockwise, Push down on other end and antenna turns counterclockwise, Automatic signal light indicates when limit of travel in either direction has been reached. Size: Rotator 7¾x44½x8". Case 5x5x4". 115 V, 60 Mz. AC at 50 watts. Uses 4 Cond. Cable, 18 R 14045W Shpg. wt., 8¾ lbs.

E Thrust Bearing Bracket, Recommended for stacking antennas, Withstands winds up to 90 M.P.H. Prevents buckling and bending. Shgg. wt., 2 Ds.

Net 19,37

Withstands winds up to 90 M.P.H. Prevents buckling and bending. Shgg. wt., 2 Ds.

Net 2.97

AR-22R AUTOMATIC ROTOR SYSTEM (units 1 & 2)

Heavy duty rotor will handle antennes up to 150 lbs. Developed from years of experience in the amateur radio field. Completely weather-proof and life lubricated, Simple automatic operation. Set the edge-lift dial at the desired position and the rotor will automatically rotate to this position and firmly brake in place. Reversible clamps will accommodate masts from 1/6° to 2° 0.0. Control unit is marked in compass points. Housed in attractive Black Vinyl steel clad cabinet, dial edge Illuminated. Complete with rotor, control unit and instructions. Uses 4 wire cable. For 110/12C volt, 50-60 Hz. A.C. Mt., 15 lbs. 42 R 86076W No Money Down\*

#### AR-33 SOLID STATE AUTOROTORTM (units 1 & 3)

 Fully Automatic Pushbutton Antenna Rotor For 5 Specific Stations

For 5 Specific Stations

Advanced design, heavy-duty antenna rotor. Control unit; features an exclusive CDE patented circuit with five station pushbutton automatic control function, plus 350° compass dial operation; pushbutton feature can be pre-set to select any five antenna positions automatically. Quiet operating solid state circuitry includes rugged silicon transistors protected by an ÆF bypass provision, heavy-duty relay contacts, and thermally protected transformer. Unit controls the famous CDE heavy-duty "Bell" rotor. Uses five conductor cable. For 110/120V., 50/60 Hz AC. Shgg. wt., 16 ibs.

42 R 86100W No Money Down\* Net 49,95



#### CABLES FOR ALLIANCE AND CDE ROTATORS

4 Conductor flat cable, Shpg, wt., 21/2 lbs. per 100 ft. 32 R 99105 Per 100 ft.

5 Conductor Cable, Shpg. wt., 23/4 lbs. per 100 ft. Net 3.40 32 R 36312 Per 100 ft.

Net 4.72

## TV Couplers—Splitters—Filters

#### LAFAYETTE 2-SET VHF-UHF-FM COUPLER



- Up To 2 TV or FM Sets From One Antenna
- Low Signal Loss

Couples 2 TV or FM sets from a single TV/FM Antenna. Low insertion loss and high isolation between sets. Ideal for color or black and white installations. Easy to install, no-strip 300-ohn input and output terminals and mounting hardware. When used with 82 channel (VHF-UHF) TV sets. 99-40339 signal splitter required (see this page). Imported. Shpg. wt , 5 oz.

#### BLONDER-TONGUE 2-SET UHF-VHF-FM COUPLER



- · Excellent Isolation
- No Strip Terminals

Model A-102U/V. Couples 2 TV or FM sets from one TV/FM Antenna, Low loss design and excellent isolation between

used with 82-channel Tv set, with separate VHF-UHF antenna input terminals, Behind set signal splitter required (see 99-40339 this page). Sturdy, non-breakable case. Shpg., wt., 5 oz.

18 R 18327 Net 2.19

#### LAFAYETTE LO-PASS LINE FILTER



 Dual Ferrite Core Coils

Exceptionally efficient line noise elim-inator, Utilizing dual ferrite core coils, heavily wound. Eliminates line noises

appliances, etc. Particularly useful on TV and FM sets, radios, tuners, record players, Automatic attenuation of unwanted disturbances, For 110-125 VAC, 60 NZ; 350 watts max, Imported, Shpg. wt., 1 lb.

#### LAFAYETTE 4-SET VHF-UHF-FM COUPLER



- . Up To 4 TV or FM Sets From One Antenna
- Low Signal Loss

Couples up to 4 TV or FM sets from a single TV/FM antenna, Excellent design gives high isolation between sets and low insertion loss. For color and black & white. Easy to Install, no-strip 300-ohm input and output terminals, and mounting hardware, when used with 82 channel (VHF-UHF) TV sets. 99-40339 signal splitter required (see this page). Imported. Shpg. wt., 5 oz.

99 R 40321

#### LAFAYETTE INDOOR VHF-UHF SIGNAL SPLITTER



 Separate VHF And UHF Signal From A 82 Channel Single Line Installation

Back of set, VHF-UHF signal splitter, Adapts a single all-channel 300-ohm twinlead to a 82 channel TV set with separate VHF and UHF 300-ohm input terminals, Low insertion loss and high isolation between VHF and UHF bands insures sharp pictures on color and black & white. No-strip input terminals—includes pre-attached VHF-UHF leads. Imported. Shpg. wt., 3 oz. 99 R 40339

Net 1.49

#### DAFAYETTE TV FILTERIZER

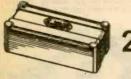


249 • Eliminates Most Television Interference

Easily adjusted to remove any antenna fed-interference causing picture distortion: FM, diathermy. SW, ignition, amateur/CB, ad-jacent channel, etc. Does not attenuate signal. Actually tunes out

unwanted signal, Matches any antenna, Metal case finished in black enamel, Easily installed, Size 4x23/4x11/2". Imported, Shpg. wt., 1 lb. Net 3.49 99 R 40172

#### LAFAYETTE HIGH PASS FILTER



A high pass filter for use at the antenna terminals of a TV set to block interfering signals from radio amateurs, police and taxicab transmitters, paging systems, X-ray machines, passing automobile ignition noise, etc. Attenuation more than 25 db at 47 MHz. Only .5 db insertion loss. Imported.

99 R 40214 Shpg, wt., 5 oz. Net 2.39

#### SUPEREX CLEAR PIX



 27 MHz Citizens Band Interference Fifter

Clear Pix by-passes most sources of TV interference before they have a chance to en-ter your receiver. Picture and sound enter stripped of common types of man-made in-terference. Designed for maximum interference elimination at 27 MHz (citizens band), Requires just a screwdriver to install,

18 R 51088 Shpg. wt., 3 oz. Net 1.39

#### IFD HIGH PASS FILTER



 For Outdoor— Indoor Use

Model HPSO, Hi-pass wavetrap that eliminates ham, citizens' band, police, fire, marine interference. Low phrase shift ideal for color TV indoor or outdoor mounting. No-Strip terminals eliminate wire-stripping, splicing or cutting. Low insertion loss— 300 ohm impedance. Shpg. wt., 4 oz.

18 R 38200 Net 3.30

#### FINCO FEB BAND PASS FILTER



MODEL 3007. Eliminates interference from citizen band, amateur operators, electric motors, aircraft, fluorescent lamps and auto ignition, Provides up to 40 db attenuation of all interfering signals outside the FM band, Less than 1 db insertion loss in 88 to 108 MHz band, Recommended to be mounted at FM radio set for maximum effectiveness but may be mounted anywhere in line for less serious applications.

18 R 30165 Shpg. wt., 5 oz. Net 4.80

#### VIDAIRE COLOR GHOST **ELIMINATOR**



Reduce Color Fringing

Get true color reception with this color ghost eliminator. Reduces or eliminates multiple images (ghosts) in a picture. Reduce the effects of intermitting caused by strong signals of radio and TV transmitters in nearareas. L-pad attenuator keeps constant 0-ohm impedance. Adjustable for all

18 R 80020 Shpg. wt., 5 oz. ... Net 3.99

#### VHF-UHF SEPARATOR and **GHOST ELIMINATOR**



Separate UHF and VHF signals at set while it helps eliminate ghost and picture tear due to overloading in strong signal areas. Built-in attenuating control eliminates poor sync., in attenuating control enumaters pool sync, multiple images, buzz, beats in picture, etc. Stide switch to VHF or UHF depending on channel selected. To help eliminate a VHF ghost, throw switch to UHF and vice versa. Connects to back of set, Shpg. wt., 5 oz. Net 3.95 18 R 12387

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broadcast engineer at KFDM-TV. Got two raises in the first year."— Richard Kihn, Anahuac, Texas.

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new home and a camper."— David Ferriera, San Diego, California.

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#### TV-FM SPLITTERS - COUPLERS - COMBINERS











Maximum Signal Transfer • Crisp, Rich Color—Sharp Black/White—True Fidelity FM • No-Strip Terminals

2-SET VHF/UHF/FM COUPLER Model SC42 Couples 2 TV or FM sets from one TV or FM antenna, Low insertion loss and high Interset isolation makes this unit ideal for use on COLOR or BLACK & WHITE installations. No-strip terminals provided for quick connections. 300-ohms input and output. Supplied with wood screws for index uses and installations. door use and insta-mount adhesive. When used with 82-channel (VHF-UHF) TV set either Model SS-21 or SS-83 signal splitter required at your set.

18 R 38135 Shpg. wt., 5 oz. ... Net 2.40

3-SET VHF/UHF/TY COUPLER Model SC 62 Similar to above except couples up to 3 TV or FM sets from one TV or FM antenna 18 R 38143 Shpg. wt., 6 oz. Net 2.97

4-SET VHF/UHF/FM COUPLER Model SC72 similar to above except couples up to 4 TV or FM sets from one TV or FM antenna. Shpg. wt., 6 oz.

18 R 38150 Net 3.30

(1 & 2) 2-ANTENNA COUPLER (VHF/UHF) Model SC20 combines separate VHF and UHF antennas so that only one 300-ohm downlead is needed. High insulation for downlead is needed. High insulation for crisp clear color. No-strip terminals. Mast mounting hardware supplied. 18 R 38127 Shpg. wt., 5 oz. Net 2.85

(4) INCOOR VHF/UHF SIGNAL/SPLITTER

Model \$\$21 splits VHF/UHF signal from all-channel 300-ohm single downlead into separate VHF-UHF outputs. For feeding into 82-channel TV set with separate VHF-UHF antenna input terminals. High and low pass filter networks insure sharp, clear pictures.Color or black/white. No interaction because UHF and VHF lines are completely isolated from each other. No-Strip terminals. Includes wire lead. Mounts quickly with insta-mount adhesive. 18 R 39083 Shpg. wt., 3 oz. Net 2,40

#### (4) 1-19000R VHF/UHF/FM SIGNAL SPLITTER

Model SS83 similar to above except splits VHF/UHF/FM signal into separate VHF/UHF and FM outputs. Shpg. wt., 5 oz.

#### (5) VHF/UHF SPLITTER 75-300 OHM MATCHING TRANSFORMER

Indoor

Unit

Outdoor

Unit

Indoor

Unit

Outdoor

Model MT-56 2-way 75 to 300-ohm matching transformer. Plus spilts VHF/UHF signal from all-channel, single 75 ohm downlead into separate VHF/UHF cutputs. For feeding into 82-channel TV set with separate VHF-UHF artenna input terminals. With coaxial cable fitting. 18 R 39133 Shpg. wt., 6 oz.

(5) VHF/UHF/FM SPLITTER 75-300 OHM MATCHING TRANSFORMER

Model MT-58 similar to Model MT-56 except splits VHF/UHF/FM signal into VHF/UHF and Shpg. wt., 4 oz. outouts 18 R 39190

2-WAY VHF/UHF/FM 75-0HM LINE SPLITTER (3) Model SC42-75 splits one 75-0hm VHF/ UHF/FM line into two 75-0hm outputs. Also combines two 75-ohm lines into one line. 3 mating plugs supplied. 18 R 39109 Shpg. wt., 5 oz. ... Net 6.50

4-WAY VHF/UHF/FM 75 OHM LINE SPLITTER (3) Model SC72-75 splits one 75-ohm VHF/ UHF/FM line into four 75-ohm lines. Excellent for use in home or master antenna TV system. May be combined with an (SC42-75) to provide any number of lines. 5 mating

plugs supplied. 18 R 39117 Shpg. wt., 8 oz. ... Net 8.70 (1 & 2)TV/FM SPLITTER-COUPLER FM FILTER Model SSTM/FM splits FM signal from TV/FM signal to FM set—and TV signal to TV set, Ideal for stereo—prevents interference. Can also be used as FM bandpass which will admit clean FM signals only through to the FM tuner. Can also combine TV and FM antennas into a single system. Eliminates all TV anatour and citizen band share the set of the state of the set of t all TV, amateur and citizens band signal pickup by antenna or transmission line. 300-ohm impedance, With hardware. 18 R 39125 Shpg. wt., 10 oz. .. Net 3.30

#### JFD VHF-UHF-FM COAXIAL MATCHING TRANSFORMER KIT

- 75-300 Ohm Impedance Match · Includes Outdoor and Indoor Units
- Ideal for COLOR TV

Model MT-51 Complete kit transformers for installing TV & FM antennas. For use with noise-free 75-0hm coax cable, Weather-proof outdoor transformer matches any 300-0hm antenna to 75-0hm coaxial cable, Indoor transformer at set matches the 75-0hm coax to the 300-0hm TV or FM Includes coaxial cable fittings. Shpg. wt., 1/2 lb.

18 R 38895

Net 4.20

#### LAFAYETTE INDOOR/OUTDOOR VHF-UHF-FM 75-300 MATCHING TRANSFORMER Rugged Weather-Proof Housing

with Weather Boot

Ideal for Color TV

82-channel VHF-UHF matching transformer occurance with-unit matching transformer efficiently matches 300-ohm antenna or TV set to 75-ohm coaxial cable. Weatherproof unit has leads which attach directly to either antenna terminals on set. With connector, Shpg. wt., 4 oz. Imported. Net 1.79 9 R 40347

#### LAFAYETTE OUTDOOR VHF-FM 300-75 OHM MATCHING TRANSFORMER

· With Coaxial Fitting Ideal for Color

Coaxial cable matching transformer for installing VHF-TV and FM antennas. For use with noise-free 75-ohm coax cable. Matches 300-ohm antenna to 75-ohm coax. With mounting bracket and fitting, imported.

99 R 40271 Shpg. wt., 6 oz.

Net 1.49

#### MATCHING TRANSFORMER KIT WITH VHF-UHF-FM SPLITTER

Model MT-59 similar to above except indoor unit has separate VMF/UHF and FM outputs. For feeding into 82-channel TV set with separate VMF-UHF antenna input terminals plus FM set, With fittings. Shpg. wt., 1/2 lb. Net 6.27 FM set, With 18 R 39141 Net 6.27



Model 3413 cablematch VHF/UHF indoor matching transformer, especially suited for matching TV set inputs to a coax distribution matching transformer, especially suffer for matching TV set inputs to a coax distribution system, Match 75-ohm coaxial cable to 300-ohm input, Connectors: Two spade iugs (300-ohms) and a solderless Type F plug supplied. For RG-59 type cable, Shpg. wt., 4 oz. 18 R 18384



#### COAXIAL SHIELDED CABLE KITS

High quality 75-ohm RG-59U low loss coaxial cable with connectors on both ends to fit all above matching Transformers, Shpg. wt. 3½ bs. 18 R 58075 50' with connectors Net 4.95 18 R 58083 75' with connectors Net 6.95 18 R 58091 100' with connectors Net 8.95



#### VIDAIRE 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., 4 oz., 18 R 80012



#### **NOISE FILTER**

Stop Radio & TV Noises

Eliminate radio and TV noise caused by household appliances, oil burners, motors, neon signs, etc.

Just plug filter in any wall outlet and TV or
radio into filter and enjoy noise-free entertainment; or plug noise producing appliance into
filter and eliminate noise throughout house. Shpg. wt., 4 18 R 19010 Net 1.19







South Piver HEAVY-DUTY SUPER MOUNT **O**50

Model CMA500SS super-heavy pair of chimney mounts made of cast auminum anoy. Extra strong and durable. Will withstand the most severe weather conditions. Two 12 ft. stainless steel 3/4" 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" 0.0. 18 R 56012 Shpg. wt., 3¾ lbs. Net 8.50

Same as above with 18' straps

Net 9.50



South Blow COATED 'Y' TYPE CHIMNEY MOUNT Snap-in Mast

Sockets Model V-SN-ST. Heavy-duty steel riveted brackets with gold colored vinyl protective sheath that will not peel, chip, or crack. All remaining hardware and components of stainless steel for a completely rustproof installation. Eliminates rust streaks. Snapln feature eliminates holding mast while applying hardware. Shpg. wt., 3% lbs.

18 R 56368

Net 6.50

#### RATCHET TYPE CHIMNEY MOUNT 95

Fastens easily with ordinary wrench. Two 12' heavy-duty stain-less steel straps as-sembled at one end, Two

heavy-gauge brackets
per set with serrated
U-bolts, Easily assembled, Rainbow gold
color rustproof finish, Accepts masts up to
1½" O.D. Shpg. wt., 3¾ lbs.

18 R 63315

Net 4.95



#### 'Z' TYPE CHIMNEY 95 MOUNT

"Z-MOUNT" design provides simple installation and sturdy sup-port. Heavy gauge steel construction with gold color rustproof finish. Takes up to 11/2" O.D. masts. With 2-10 ft. stalnless steel 56" straps and seals.

18 R 01653 Shpg. wt., 21/4 lbs... Net 2.95 Heavy Duty 'Z' Mount. Similar to above with 2-12' 34" stainless steel straps. Shpg. wt., 21/2 lbs.

18 R 02222

#### STAINLESS STEEL STRAP REPLACEMENT KIT



Consists of 2-12 ft. 34" stain-iess steel straps, stainless steel seals, friangular eye-bolts, lockwashers, hexnuts, Puts an end to rust and corrosion. Shpg. wt., 1½ lbs.

18 R 63091 Net ea 1.99

## **TV Antenna Mounts-Towers**

**HEAVY-DUTY 12" WALL MOUNT** 



. RIGID TRIPOD LEG SUPPORT

Completely constructed of steel, using extra beary gauge steel tubing which will not bind. Protected against corrosion by the ALCOTE finish. Special "sure grip" U-botts. Holds mast up to 14/6" O.D. tripod leg for one section. (Set of 2.)

18 R 63059 Shpg. wt., 21/2 lbs. Net 3,29

ADJUSTABLE 18" WALL MOUNT (Set of 2) Wt., 41/4 lbs.

Net 6.50

4" WALL BRACKETS



4" STAINLESS STEEL WALL BRACKET. All stainless steel construction for extremely long life. Provides 4" clearance from well. With special shaped U-bolt to hold masts up to 11/2" 0.D. (Set of 2.) Shpg. wt., 1 ib. 18 R 01968 Net 2.39

4" WALL BRACKET. Securely grips all masts from 1" to 1½" 0.D. Made of rust resistant steel. With hardware. (Set of 2.) 18 R 01661 Shpg. Wt. ¼ lb. Net 1.09

PIPE MOUNT 39

6" Snap in feature eliminates holding of mast while applying hardware. Single front

locking carriage bott for up to 6". Heavy gauge mount resists corrosion. (Set of 2.)

18 R 63349 Shpg. wt., 1 lb. Net 2.39



#### PEAK AND FLAT ROOF MOUNT

A heavy gauge steel roof mount. Heavily plated to resist corresion. Will accommodate masts up to 1½" diameter. Fully adjustable, can be easily rotated. Complete with all-necessary hardware. Shpg. wt., 2 lbs. 18 R 63083



#### **ALL-ANGLE MOUNT**

Accepts ½" to 1¼"

All-angle mount permits setting of ½" to 1¼" masts at most suitable angle for maximum reception. Rust-resistant

steel. With mounting hardware, Ship, wt., 18 R 01992 Net -89

### ANTENNA MOUNTS

**GOLD VINYL COATED 6"** SNAP-IN WALL BRACKETS · With



**Stainless** Steel Screws

Model V-SN-6 Gold, vinyl coated antenna mounts are ruggedly constructed of heavy-duty steel riveted steel. Vinyl coating pre-vents corrosion and eliminates rust streaks; will not peel, chip, or crack in bad weather or when exposed to direct sun. Brackets come two to a set. Stainless steel screws supplied. Shpg. wt., 3 lbs.

18 R 56350 UNDER-EAVE MOUNT



 For Modern Overhanging Eaves **5**49

Model YE-1 Permits mounting antenna to the Model YE-1 Permits mounting antenna to the underside of over-hanging eave. Can also be used as a sturdy self-supporting flat roof mount. Heavy gauge steel and Mot-Dip galvanized for maximum corrosion resistance. One piece mounting of welded construction with a beavy gauge embossed steel diagonal support. Complete with installation hardware. Shpg. wt., 534 lbs.

Met 5.49 **HEAVY-DUTY TRIPOD ROOF TOWERS** 

> . No Guy Wires Needed One Man Installation **Roof Sealing Patches**

Completely Adjustable to Roof Rafters

695

Net 2.95

Heavy-duty, self-supporting tripod tower ellminates guying. Constructed of heavy (1¼° 0.D.) components embossed for extrastrength and rigidity. Designed for convenient mounting on all peak or flat roof tops. Exclusive adjustable slide permits mounting to randomly spaced roof rafters. Hot-dipped galvanized to provide utmost protection against corrosion or rust. Roof sealing watertight pitch patches supplied. Recommended for color IV installation where heavy multi-element antennas are used. Complete with pitch patches and hardware. Model M01-3 For 6' tower. Use with 5' mast. As Low As Model HDT-3 For 6' tower. Use with 5' mast. Shpg. wt., 81/4 lbs. 18 R 56285W

Model HDT-5 for 12' tower. Use with 10' mast. Shpg. wt., 131/4 lbs. Net 10.95 18 R 56293W

UNIVERSAL ALL-POSITION MOUNT

A strong self-supporting mount which adjusts to any position on peak, slope, flat, corner or sidewall of building. Positive locking braces eliminate need for guy wires in most installations, Two plane adjustment for true vertical alignment of mast. Made of heavy gauge hot dipped galvanized steel.

Model-APM Standard model for masts up to 11/2" O.D. 18 R 56319 Shpg. wt., 51/2 lbs.

Model APM-LM targe model for masts up to 21/2" 0.D. 18 R 56327 Shpg. wt., 51/2 lbs.

Net 4.50 Net 5.50

Depend on Lafayette For Everything in Electronics

18 R 56038

## TV Antenna—Towers—Masts—Accessories

#### ROHN: SPAULDING "STRATO TOWERS" "EP SERIES" INSTALL ON GROUND OR ROOF Her



Sect. Weight 51 lbs. 27.05 Ibs. 56.95 109 lbs. 66 05 Roof Mount Base 2 lbs. Guy Station 342 lbs. 4.19

#### "XCB SERIES"-CYLINDER BASE

NO CONCRETE REQUIRED

Extreme high strength, self-supporting towers. Self-aligning hinge base for quick easy installation. Can be assembled on the ground and hinged up or built vertically, section upon section. All riveted 100% galvanized steel construction prevents rust. With 4 ft. base, hinged feet, 8' mast, mast ait 8' tower sections.

Stock No.	Туре	· Hgt.	Sect.	Weight	Net
18 R 73090 X Z	X-16CB	23'	2	89 lbs.	57.95
18 R 73108 X Z	X-24CB	31'	3	120 lbs.	69.95
18 R 73116 X Z	X-32CB	39'	4	155 lbs.	89.95
18 R 73124 X Z	X-40CB	47"	5	184 lbs.	114.95
18 R 73132 X Z	X-48CB	55"	6	272 lbs.	139.95

\*Height includes antenna mast. Shipped F.O.B. Frankfort, Ind. No C.O.D. Send full remittance or use LAFAYETTE'S Easy Pay Plan. Shipping charges collected on delivery.

#### TELESCOPING TV MASTS

Reavy duty telescoping masts. Hotdip zinc galvanizing inside and Hotdip Zinc galvanizing inside and outside provides unusual rygged-ness and impenetrable corrosion resistance. Designed for easy Installation and assembly, Hushy bolts lock sections automatically. bolts lock sections automatically, No slipping, no twisting, Precision fitting assures lasting service, 18 and 20 gauge walls. Supplied complete with all guy rings, clamps and necessary hardware. Total 5 10-ft. sections for height up to 50 ft.: 0.D. #1 (1147). #2 (1147). #3 (1147). #4 (27). #5 (2147). Shipped express only.

50-FT. MAST—Consists of all 5 sections listed above: Nos. 1. 2. 3. 4 and 5. Height 50 feet, Shpg. wt., 351/2 lbs.

18 R 56095WX 40-FT MAST—Consists of 4 sections. Nos. 2. 3 and 4. Height 40 feet, Shpg. wt., 261/2 lbs. 18 R 56103WX

30-FT, MAST-Consists of 3 sections. Nos. 1, 2 and 3, Height 30 feet, Shpg. wt., 18½ lbs. 18 P 56111WX Net 11.95

20-FT. MAST—Consists of 2 sections: Nos. 1 and 2. Height 20 feet. Shpg. wt., 13 lbs. 18 R 56129WX Net 7.95

#### HEAVY DUTY PEAK AND FLAT ROOF MOUNT

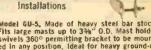
Swivel base mounts on any surface—flat, slant, peak or wall. Heavy gauge weather-proofed steel. Takes any mast up to 21/4' O.D. Complete with hardware. Wt., 3

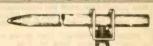
18 R 56186 Net 1.95



HEAVY DUTY 5" WALL

#### Ideal For Heavy Ground-up





For use where pipe ground is not available. Heavy steel yoke for head, 4 ft.

#### TV SERVICE LITE

Keep your hands free. Spring Complete with 6 ft. cord and plug, less buib

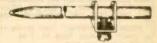


South Hon BRACKET MAST MOUNT

Mast

Model GU-5, Made of heavy steel bar stock, Fits large masts up to 3%" O.D. Mast holder swivels 360° permitting bracket to be mount-ed in any position, Ideal for heavy ground-up mast installations. Shpg. wt., 1½ lbs. Net 2.49 18 R 56376

#### 3/4" PLATED GROUND ROD



18 R 72159W Shpg .wt., 11/2 lbs.

clamp with rubber covered ends attaches anywhere in TV cabinet. 414" highly pol-ished aluminum reflector uses standard 25 watt bulb.

18 R 17014 Shop, wt., 34 lbs. Net 2.19

#### ALUMINUM ANTENNA MASTS

Gold Alodized=

TOWERS



Gold alodized aluminum mast; rust and cor-rosion proof. Made of extra strong, drawn aluminum alloy. Two or more masts may be telescoped together. 19 Gauge. 144° 0.0. 18 R 38176W 5', Wt., 11/4 bs. Net 1.49 18 R 56145WX 10', Wt., 2 bs. Net 2.79

#### **HEAVY DUTY ALUMINUM MAST**

Heavy-Duty 16 Gauge gold alogized aluminum mast, recommended for larger color antenmast, recommended for nas. Shpg. wt. 3 lbs. 18 R 39257WX 10 feet

SUPER HEAVY-DUTY ALUMINUM MAST

Made of high strength aluminum alloy, Recommended for use with robors and large antenna installations. Length 10 ft. 1¼" O.D. Wall thickness full ½". Shpg. wt., 5¼ lbs.

18 R 56202WX Net 6.95 18 R 56269WX 10', 11/2" O.D. Not 7 95

#### **GOLD KOTE STEEL MAST** Gold Colored to Match Most Antennas

Corrosion resistant steel mast sections made to fit all antennas. Made of rigid steel tubing with rugged high tensile strength. Highly protective gold colored baked enamel finish for lasting beauty and endurance. "Jam Fit" construction. 144" 0.D.

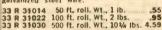
Stock	Na.	Hgt.	Gauge	WŁ, Lbs.	Net
18 R	63257W	5'	20	2	1.19
18 R	63265WX	10'	20	4	1.99
18 R	63273W	5'	16	4	1.89
18 R	63281W)	10"	16	4	3.19

#### INSULATED NAILS

Single head wiring nails excellent for fastening 300 Ohm twin lead antenna wire to woodwork, baseboard, etc. Does not affect signal. #14x%" brown, Shpg. wt., 4 oz.

#### STEEL GUY WIRE

Six strands of No. 20 tensite strength galvanized steel wire.



"FP"

TOWERS

VINYL COVERED GUY WIRE 6 strands of No. 20-gauge high tensile strength galvanized wire. Weatherproof, non-stretch, long lasting. Ideal for TV guy

non-stretch, long lasting, local for IV guy wire, clothesline, and numerous garden uses. Translucent aqua green color. 32 R 38494 50 ft, roll, Wt., 1½ lbs. 1.05 32 R 36502 100 ft, roll, Wt., 7½ lbs. 4.89

#### **ALUMINUM GUY WIRE**

7-18 gauge stranded wires. Breaking strength

34 R 46275 100 ft roll Wt 2 lbs

#### **ALUMINUM GROUND WIRE**

33 R 31048 50 ft. coil, Wt., 1½ lbs. 1.00 33 R 31055 100 ft. coil. Wt., 2¼ lbs. 1.93 33 R 31063 500 ft. coil, Wt., 13 lbs. 9.15



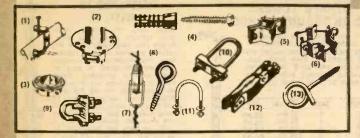
18 R 72175 (B) Hook and eye type used where quick removal is required. Shpg. wt., 5 sz. 18 R 72183

#### DOUBLE HEAD INSULATED NAILS

Shog, wt., 5 oz.

Same as nails on left, but with double head. Recommended for all tubular and shielded 300 Ohm twin lead. #3x¾" brown. Shpg. wt., 5 bz. 18 R 02040 Box of 50 Net .89

## TV Installation Accessories South River LIGHTNING



(1) "GRIP" GROUND CLAMP, Makes vise-like grip on pipe. Sharp pointed screw makes perfect contact. Shpg. wt., 3 oz.

18 R 82018

(2) GUY WIRE RING & COLLAR. Economy freefloating guy ring and support collar. Mast can be rotated freely after guying to orient antenna, Fits masts up to 144" O.D.

18 R 63356 Net .79

(3) DELUXE GUY WIRE RING & COLLAR, Cast aluminum floating guy wire ring and collar permits complete orientation of the mast. Will fit masts up to 13/8". Shpg. wt., 7 oz. 18 R 81051 Net 1.99

Same as above but will take masts up 18 R 56079 Net 2.09

(4) LAG SCREWS & EXPANSION SHIELOS. Lead expansion shield for easy fastening to masonry, brick, stone, etc. Lag bolt 44" dia. shank by 14½" long, Pkg. of 4 bolts and shields. Shpg. wt., 4 oz.

18 R 63346 Net .89

(5) MAST GUY CLAMP. Has 6 guying points. A handy thing to keep in the tool kit. Will accommodate masts up to one and one-half inches in dia. Shpg. wt., 9 oz. Net .39 18 R 63216

(6) 3-WAY GUY WIRE CLAMP. Fits masts up to 21/4" diameter. Features 3 eye bolts for guy wire attachment. Made of heavy gauge Shpg. wt., 10 oz.

18 R 63208 (7) BALL-TYPE GUY WIRE TIGHTENER. Simply draw guy wire through the "grlp-tite"; loop wire back, and twist once. Provides easy method for adjusting and tightening guy wire. Cast zinc housing. Shpg. wt., 18 R 01935 Net 1.09

(8) CLOSED EYE BOLT. For anchoring guy wires, Size: 1/4 x 5", Shpg. wt., 5 oz.
18 R 63224 Net .12

(9) CABLE CLAMP. Strong aluminum alloy body construction with plated steel U-bolt. Fits cables up to ¾, dia. Provides solder-less and spliceless cable-loop termination. Shpg. wt., 3 oz. pkg. of 2.

18 R 67126 (10) MAST CLAMP. Notched retaining clamp holds 2 masts firmly in sturdy U-bolts. Galvanized steel, Wt., 5 oz.

Net 39 (11) U BOLTS. Made of galvanized steel. Supplied with nuts and washers in place. Shpg. wt., 5 oz.

18 R 02024 2 pieces per pkg. (12) QUICK CLIP. For speedy, simple attachment of antenna lead-in to TV set. Can't short out. Shpr. wt. 4 oz.
18 R 02057 Pkg. of 2 Ea. 45

(13) GUY WIRE HOOK EYE. Strong and permanent anchoring. Made of galvanized steel. Av. shpg. wt., 6 oz.

18 R 02016 5 pieces per pkg.



Latest polyethylene insert will accommodate twin-lead, open line, hollow and tubutar fines, round lines, oval lines double lines,

(1) SCREW-EYE STANDOFF. First choice for fast secure anchoring. Shpg. wt., 7 oz.

31/2" 4 pieces per pkg. 18 R 01679 5" 4 pieces per pkg. 18 R 01687 PKG. .29 PKG. .39

7½" 4 pieces per pkg. 18 R 01695 PKG. .49 STAINLESS STEEL SCREW-EYE STAND

18 R 01703 4 pieces per pkg. PKG. .69 (2) DRIVE-IN STANOOFF. Made of galvanized

steel. Av. shog. wt., 4 oz. 18 R 01711 2 pieces per pkg. (3) ADJUSTABLE STRAP-TYPE STANDOFF. Fits

(3) ADJUSTABLE STARVET. FIS any size mast. Av. shpg. wt., 6 oz. 18 R 01729 7½" 2 pieces per pkg. PKG., 39 (4) "CLIP-ON" STANDOFF. Attach to mast instantly—"Click" and they're on 3½" long. Av. shpg. wt., 4 oz. For 1¼" mast. 18 R 01745 2 pieces per pkg. ... PKG., 35

(5) SUPER NAIL INSULATOR. Takes flat twin-lead or coaxial cables. Easily drives in brick, mortar, wood and even most con-crete. Secure connection. 3%" long. Shpg.

wt., 4 oz. 18 R 01752 2 pieces per pkg. (6) COLOR VHF/UHF SCREW-EYE STANDOFF. For all UHF/VHF lines. 3 pcs. per pkg. 51/2" long. Shpg. wt., 5 oz. 18 R 01760

18 R 01760 PKC. 59
(7) OPEN LINE STANDOFF. Designed especially for use with open line transmission wire installations. Ideal for use as anchor point, spacer, etc. Polystyrene block and galvanized steel hardware. 5½" nail type. Shgg. wt. 8 oz.
18 R 58067 5 pieces per pkg. PKG. 89
(8) STAND-OFF SUPPORT. Break resistant plastic—adhesive base, Attaches firmly to aluminum, brick, concrete—all surfaces. Use with any machine or wood screw-eye.
18 R 37012 Shgg. wt. 2 oz. Net ea. 22

(9) COLOR INSULATORS. Converts most existing standoffs for color, Pkg. of 6. wt., 4 oz. 18 R 01778

PROTECTION KIT



Complete! Nothing Else To Buy

Model GNO-ANT. Do-it-yourself kit to minimize lightning strikes to your antenna.
Directs and discharges excess to ground,
kit contains: 50 ft, heavy-duty electricalconductor type, aluminum ground wire, coppered-steel ground rod and clamp. U.L. listed lightning arrestor, 6 ground wire nail fasteners, ground wire warning tag and complete detailed instruction sheet. 18 R 56194 Shpg. wt., 23/4 lbs.

JFD LIGHTNING ARRESTERS



Protects Home and Antenna Installation Against Damage From Lightning and Static Discharge

With Stainless Steel Strap and Hardware For Mounting Indoors or Outdoors, UL Listed

(A) ECONOMY VHF/UHF ARRESTER

Model AT131S. Designed for flat. tubular, oval twin lead or open transmission lines. Saw tooth washers grip line securely without stripping or cutting of wire. Low loss material construction reduces capacity and inductance, results in maximum TV signal transfer to set. Complete with strap and hardware listed at top,

18 R 38010 Shpg. wt., 6 oz.

(B) LITTLE GIANT VHF/UHF ARRESTER Model AT1055, Fits any fial, tubular, or oval twin lead or open transmission line. Saw tooth washers make positive contact with tine-no wire stripping or cutting necessary high dielectric construction maintains excel-lent signal transmission to set. Complete with strap and hardware listed at top. 18 R 19307 Shore 18 R 39307 Shpg. wt., 9 oz. ..... Net 1.89

(C) DELUXE VHF/UHF ARRESTER Model AT110S. Takes any flat, tubular, or oval twin lead or open transmission line. Saw tooth washers make positive contact with line—eliminating need for wire cutting vertical transmission. or stripping. Low loss high dielectric construction maintains high signal transfer. Complete with strap and hardware listed at

18 R 38051 Shpg. wt., 5 oz. ..... Net 2.49

(D) 4-WIRE ROTATOR ARRESTER Model AT104S. For 4-wire rotator fead-ins. No wire stripping or cutting. Simply tighten cover that makes automatic and positive contact with lines, Shpg. wt., ½ lb. 18 R 38069

(E) 5-WIRE ROTATOR ARRESTER Model AT106S. Protects 5-wire automatic rotator antennal installations. No wire cut-

ting or stripping necessary. Just place wire in slot and tighten cover over it for quick, sure electrical contact, Complete with strap and hardware listed at top. 18 R 38911 Shop, wt., 1/2 lb. ... Net 3.29

## TV-FM Installation Accessories

#### UNIVERSAL TV-FM **PLUG & SOCKET**



Compact low loss-300 ohm plug and socket. Surface mounting socket — low loss polystyrene plug. Solderless screw terminals. Imported, Shpg. wt., 3 oz.

99 R 40065 Plug & Socket Net .39 Net ea. .33 Lots of 3

#### AC-TV RECEPTACLE AND WALL PLATE



16

Duplex AC receptacle and duplex TV receptacle on one 2 gang wall plate. Puts both outlets in one location. Use with standard wall box. Ivory only. Shpg. wt., 6 ozs

Molded 2 contact plug for 300 ohm lead. 18 R 70138 Net 22

4 wire rotor combination plates. Similar to above except includes 4 conductor rotor outlet in place of one 2-wire outlet. 18 R 70039 Shpg. wt., 6 oz....

Molded 4 contact plug for rotator lead. 18 R 70054 Net 42

5 wire reter combination plate, Similar to above except includes 5 conductor reter outlet in place of one 2-wire outlet.

#### SURFACE OUTLET AND PLUG





Complete With Solderless Plug

Surface mounting outlet and plug for TV-FM and loudspeakers. A neat baseboard mounted outlet with plug. Fits 300-ohm twin lead or speaker wire. Nickel plated brass hardware with set screw connectors. Unbreakable ivory plastic, with mounting screws. Shpg. wt., 3 oz., 18 R 57259. Net .79

#### SOLDERLESS TWIN-LEAD CONNECTORS



Plug fits transmission line socket below. Shpg. wt., 2 oz. 99 R 40073 Net ea., 29

Solderless socket for above. Shog, wt., 2 oz. 99 R 40081 Net ea. .29



#### MOSLEY SHIELDED TWIN-LEAD SPLICER

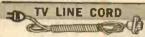
· Permits Splicing of Shielded 300-0hm Twin-Lead



No need for twisting or soldering. 18 R 42061 Shpg. wt., 3 oz. .... Net .99

#### TWIN LEAD SPLICE

Speeds splicing without need for twisting or soldering. Shpg. wt., 2 oz. 18 R 70096 Net .20



6 ft., brown replacement cord. It has regular molded plug on one end and special rubber plug on the other to fit TV sets. UL listed. Shpg. wt., 4 oz. 18 R 41014

Net .39 Same as above but with polarized terminats at both ends

18 R 74015 Shpg. wt., 3 oz.

#### INTERLOCK TV LINE SOCKET



Conventional male interlock socket, Standard type used on all television receivers. Heavily plated contact pins. 1¼" mounting centers. Shpg. wt., 3 oz. 18 R 27187....

Net .19

#### 18 R 70161 Shpg. wt., 6 oz. Net 2.09 Net .59

#### MOSLEY WALL-PLATE FOR **HEAVY-DUTY TWIN LEAD**

Complete With Plug, Wall Bracket, Hardware

Excellent For All 300-0hm Shielded Cable and **Tubular Cable** 

For TV installation where heavy-duty twin-lead cable is used—shielded or un-shielded, Low loss socket with solderless plug

easy installation, may be mounted with wall mounting bracket or in standard outlet box. With polarized plug and wall mounting bracket. Shpg. wt., 6 oz. 18 R 42020

#### MOSLEY TV-FM COAXIAL WALL PLATES

For 75 Ohm Antenna Installation lvory coaxial outlets, flush mounting especially designed for superior color and black/ white reception, provides a constant impedance match with 72 ohm RG 59U coaxial cable. Complete with all connector, plug, mounting brackets, Fit all standard wall outlet boxes. Shpg. wt., 7 oz.

Stock Mo. Description Net 18 R 42087 1 TV-FM Coax Outlet 2.69 3.69 18 R 42095 1 TV-FM Coax Outlet With 4- or 5-wire rotor

#### MOSLEY UNIVERSAL ROOF-THRU/ WALL THRU



Weatherproof entrance accessory for all types of antenna and rotor lead-in line, Mounts on any sloped roof or on the wall of any non-brick structure with hardware in-cluded. Insect-proof housing molded of black break-resistant strength. to install with built on flange and rubber gasket. No roof cement needed, Shpg. wt., OZ.

Net 1.19

## UNIVERSAL BUSHING

Fits all types of coaxial or twin-lead wires. Fits walls up to 11" thick, Requires 3/4" hole. Shpg. wt., 4 oz. 18 R 72019







(3)

(1) (2)

LAFAYETTE TV/FM

WALL PLATES Fits Standard Outlet Box

 Complete with Plugs and **Mounting Bracket** 

SINGLE TV/FM WALL PLATE

(1) Single TV/FM wall plate which can be used to neatly custom install an antenna system. Plug is polanzed and designed to accept a 300-ohm win lead line. Ivery finish.

99 R 40131 Shpg. wt., 4 oz. ... Net .89

DUPLEX TV/FM WALL PLATE

(2) A dual TV/FM wall plate designed to supply two signal sources. Can be used for two dif-ferent TV antennas each oriented in a different direction or a TV and FM antenna. Plugs are slotted for 300-ohm twin lead, Ivory finish, 99 R 40149 Shpg. wt., 4 oz. ... Net 1.09

#### TV-FM ROTOR WALL PLATE

(3) Wall plate has 5-wire outlet for 4 or 5-conductor rotor leads and 2 twin-lead outlets. Flexible design allows easy installation, includes 1 plug-for TV twin lead and 1 plug for rotor cable. Ivory finish. Wt., 5 oz.

#### SURFACE MOUNTING WALL BOX

 Accepts Standard TV/FM Wall Plates

Sturdy plastic housing for surface mounting with any standard 300-ohm or 75-ohm wall receptacle.

Knock outs on all four sides for ease of in-stallation. No special tools required, lyory color. Supplied with instructions and mounting hardware, imported. Shpg wt., 6 oz. Net .49

#### BAKELITE WALL BOX



struction with steel ears. Black standard size: U.L. Listed. Shpg. wt., 4 ozs.

size: U.L. Lis 18 R 70013 Net .89

#### "OPEN-HOLE" WALL BRACKET



Permits attaching any wall plate to well openings without the use of a wall box in up to 3/4" wall board or plaster. Shpg. wt., 4 ozs. 18 R 70021 Net .49 Net .49

#### ANTENNA CONNECTOR

For quick solderless connection of lead in to TV antenna terminal. Fits '99-40081 sock-Solderless socket for above.



Net .29

## Picture Tube Brighteners — Service Aids

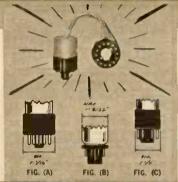
#### COLOR PICTURE TUBE BRIGHTENER

- Boost Fading Color Picture Tubes
- No Wiring Necessary—Plugs Right In

Bring out the lost sharpness and detail of fading color picture tubes. Electron emission is increased by boosting the filament voltage, thereby returning full contrast and color quality to the set. Plugs in between picture tube and socket. No wiring or switching is necessary. For round tubes (12 pin

18 R 46070 Shpg. wt., 1 lb. For reclangular tupes (12 pin base),

18 R 46088 Shpg. wt., 1 lb. Net 5.50



#### UNIVERSAL TV TUBE "BRITENER"

Restores brightness to dim TV picture tubes. Operates on all types—magnetic or electro static—and in all circuits—parallel or ser-ies, For 10uodecal Base, Shpg. wt., 8 0z. 18 R 46005 FiG. (A) Net 1.75

#### UNIVERSAL 110° CRT "BRITENER"

A single heavy-duty unit which performs four ways. A simple adjustment adapts it for either series or parallel wired filaments and it can be used on electromagnetic or electro-

static focus tubes. Shpg. wt., 8 oz. For Sylvania Type 110° Tubes. 18 R 46013 FIG. (C) No For RCA Type 110° Tubes. 18 R 46021 FIG. (B) No Net 1 99 Net 1.99

#### ACME T8394M VARIABLE VOLTAGE **ADJUSTER**

duty variable trans-former. Adjusted by rotary tap sw. Used as step-up or step-down, Voltmeter shows see down. Voltmeter shows sec. voltage. Pri. 95/100/105/110/120/125 volts at 50/60 Hz. Sec. out 115 V. 8' cord and plug. Size: 43/4x4x5". Shpg. wt., 61/4 lbs. 33 R 40015

Net 13.40



#### TV SERVICE EXTENSION HARNESS KIT

Makes possible testing sets with picture tube electrically connected in circuit, but removed from chassis, Reduced danger of contact with high voltage terminals and tube breakage. Consists of anode extension harness, yoke extension harness, tube socket extension harness and CRT extension is for both electrostatic and electromagnetic tubes Net 5.50

18 R 27088 Shpg. wt., 1 lb. Color Extension Harness Kit. Similar to above but designed for color TV. Shpg. wt., 11/4 lbs.



#### TUBE GUARD

Stop Voltage Surge Adds Life To

TV-Radio and Hi-Fi Tubes

The "Tube Guard" will pay for itself many times over by greatly reducing costly vacuum tube replacements. The Tube Guard checks surge of current, reduces filament damages and increases tube life. Just plug "Tube Guard" Into outlet, and appliance Into It. 600 watts. UL listed. Shpg. wt., 4 oz. 18 R 31106 Net 1.99





The Saturn Voltage Adjuster gives TV lifelike color and improves clarity and brightness by correcting low or high AC line voltages to normal. Can be installed on 'television sets in seconds, and the easy-to-read highly accurate edgeview voltmeter and 6-position switch allow the viewer fingertip control of AC line voltage resulting in a clearer, sharper, and fuller picture. It turns "on" and "off" automatically with the equipment, Can also be used with HI-FI, CB, Ham, etc. equipment, Can also be used with HI-FI, CB, Ham, etc.

11 R 63286 Shpg. wt., 31/4 lbs. Net 18.77



 Compensates For Low Line Voltage

For color or black and white TV. Returns full height and width of TV picture affected by low line voltage. Boosts 10-volts automatically when line is below 110 volts, Increases set sensitivity. Reduces low line hazards. Simple plug-in installation. Turns on and off with the TV set. Shpg. wt., 4 lbs. Perma-Power model D-210, 400 watts. 32 R 40058

Perma-Power model D-200, 300 watts. 32 R 40025 Net 9.95

Net 14.95

Break | Oper. | Surge



#### HORIZONTAL BAR GENERATOR

Provides Horizontal Lines On Any T.V. Set— Quick—Accurate Alignment

Simplifies precise setting of yoke. Makes possible accurate positioning of focus coil or magnet. Quick adjustment of vertical linearity, height and centering. Plugs onto picture tube. Shpg. wt., 4 oz.

18 R 27013

Net 1,95



FUSIBLE RESISTOR

Kit includes 1 each of the following values 4.7, 5.6, 7.5, 9.0 and 22 OHMS. Shpg. wt. 1/4 lb. 18 R 79048

Not .ms

#### MALLORY RESET CIRCUIT BREAKERS

**Just Reset** 

Not A Fuse-A True Circuit Breaker



Stock No.	Mfrs. Type	Amps	Amps.	Amps	Each
33 R 14606	CBT050	0,5	0,325	2	.81
33 R 14614	CBT075	0.75	0.49	3	.81
33 R 14622	CBT100	1.0	0,65	5	.81
33 R 14630	CBT150	1.5	0.975	12	,81
33 R 14648	CBT175	1.75	1.14	12	.81
33 R 14655	CBT200	2.0	1.3	12	.81
33 R 14663	C8T225	2.25	1.46	12	.81
33 R 14671	CBT250	2.5	1.63	12	.81
33 R 14689		2.75	1.79	12	.81
33 R 14697		3.0	1.95	12	.81
33 R 14705		3.1	2.1	25	.88
33 R 14713		3.25	2.11	25	.88
33 R 14721		3,5	2.2	25	.88
33 R 14739		3.75	2.44	25	.88
33 R 14747		4.0	2.6	25	.88
33 R 14754		4.5	2.92	25	.88
33 R 14762		5.0	3.25	25	.88
33 R 14770		6.0	3.9	25	.88
33 R 14788	CBT700	7.0	4.14	25	.88

e CBB adapter for bushing mount. Bushing 33 R 14796 Net .16

#### CIRCUIT BREAKER REPLACEMENT **FOR TV FUSES**

 Stop Fuse Replacement

Circuit breaker replacement for TV color-coded TV fuses used in many TV sets. Cir-cuit breaker can be reset as often as needed. When ordering, order same color as fuse removed from TV set. Shpg. wt., 4 oz.

Stock No. Color Stock No. Color 18 R 31130 Red 18 R 31148 Dk. Green 18 R 31155 Blue 18 R 31163 Pink 18 R 31197 White 18 R 31205 Lt. Green 18 R 31213 Grey 18 R 31221 Yellow 18 R 31239 Maroon 18 R 31171 Black 18 R 31239 Maroo 18 R 31189 Turquoise 18 R 31247 Brown

## TV Accessories · Service Aids

#### LAFAYETTE COLOR TV TUNER **CLEANER-LUBRICANT**

- · For Color and Black and White
- With Spray-Aid Needle

Non-flammable, non-toxic, easy to use. Can be applied without removing chassis from the cabinet. Will not harm plastics or electrical insulation or detune the tuner. Excellent for both color and black and white sets, 6 oz. spray can.
18 R 01984 Shpg, wt., 11 oz.

Net .99 16 oz. economy size spray can with spray-aid needle. Shpg. wt., 13/4 lbs.

18 R 02156

Net 1.99



#### LAFAYETTE 7" COLOR TV PURIFIER

WALSCO 7" COLOR TV PURIFIER

. For Sharp and Clear Color Reception

Sharpens color reception through de-magnetization of the picture tube, Sim-ply turn on the set, plug in the purifier, and with switch depressed rotate unit in front of the TV screen. Use regularly to keep your color reception sharp and clear. Convenient clip for hanging on back of set when not in use. Imported. Shgg. wt., 1 lb.

99 R 40248 Wt., 3/4 lb.

Net 2.95

Portable Tube Kaddy Size

Color TV Degaussing Coil

For In-The-Home Servicing



#### NJECTORAL TUNER CLEANER-LUBRICANT

- With Injector Needle
- · For Color-Black and White

Super 100, Fast drying, will not harm plastics or elec-trical insulation, Non-toxic, non-flammage. Can be sprayed on without removing chassis from cabinet. Contains "anti-static" agent. Will not cause drift or detune tuners.

3 oz. spray can. With plastic injector needle
18 R 34043 Shpg. wt., 8 oz Net .99

6 oz. spray can. With steel injector needle. 18 R 34050 Shpg. wt., 12 oz.

Net 2.10

16 oz. spray can with steel injector needle. 18 R 34068 Shpg. wt., 13/4 lbs. Net 2 99



You don't meed to be a technician to use this little marvel. U.L. listed. For 110-120 VAC. 60 Hz. Shpg. wt., 3/4 lb.

18 R 84022 Net 6.25

Improve the quality of color TV with this portable 7" DEGAUSSER. Easily demagnetizes tube shield and accessories to eliminate stray colors and purify the picture. Momentary push button switch simplifies operation.

#### **VOLUME CONTROL** NOISE" & CONTACT CLEANER

- Cleans and Lubricates
- Will Not Harm Plastics

For color and black and white TV, radios, volume controls, band switches, pushbutton assemblies, relays, and electrical contacts. Restores, lubricates, protects, and cleans. Non-toxic and non-flammable. Prevents gumming. Does not change capacities, 6 oz. spray can with 5" extender (needle). Wt., 11 oz. Net 1.99

### PROFESSIONAL COLOR TV PURIFIER

- For Color TV Receivers
- Large 13" Diameter Coil

Well suited for the serviceman or set owner. Well suited for the serviceman or set owner. Heavy-duly degaussing coil demagnetizes and removes stray magnetic flux from color TV chassis and picture tube to achieve color purity. Contains momentary switch to de-energize coil without pulling plug. With 9 ft. cord. For 110-120 VAC, 60 Hz. 18 R 84055 Wt., 4½ lbs. .... Net 19.95



#### **CHEMTRONICS "FROST AID"**

- · Components Cooler
- With Pin-Point Spray Needle

Pinpoints bad capacitors and transistors, oxidized joints by cooling components. Leaves no residue. With spray needle for hard to reach places. Non-flammable. 8 oz. spray can, Shpg. wt., 1 lb.

18 R 52011 Net 1.49



#### BAKELITE KNIFE SWITCH

As Low As

Excellent for TV antenna switching. Heavy metal parts mounted on baltellte base. Double pole, double throw. Shpg. wt., 4 oz. 99 R 61533 Net Ea. 29 Net .25

In lots of 10 ea.



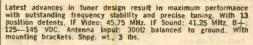
#### 50 PIECE TV KNOB KIT

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., 1 lb. 32 R 99021 ..... Net 1.99



#### STANDARD KOLLSMAN "ARBOR" PRESET TUNERS

 Replacements for over 1500 Different Models



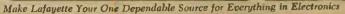
Stock No.	Model No.	Heater	Net
18 R 20109	SBR-250	6.3V	16.95
18 R 20117	SBRS-252	600ma	16.95
18 R 20125	SBR4S-251	450ma	16.95
	00.1110	.30	

### TV GHOST **ELIMINATOR**

- Improves Color Reception
- Receives From All Directions
- · Filters Out Interference

Electrically rotates the polar-re-ceiving pattern of your existing antenna and phases the ground wave picked up by the electrical

wave picked up by the electrical wiring system with the sky wave picked up by the antenna, Improves any existing antenna; indoor, outdoor, master or built-in. Boosts pick-up power of any antenna—old or new. Just a flick of the selector control tunes out ghosts—flitters out Interference—tunes in those "hard-to-get" problem channels. Automatically amplifies TV signal strength for "snow" free, brighter, clearer pictures, Works on every channel—in any location—with any antenna—for any TV set. No installation problem—simply attach to antenna terminals in back of TV set—and plug into 117V AC/DC socket, UL Listed, Shpg. wt. 134 lbs.





DYMO 1/4" and 3/8" SLIMIINE

TAPEWRITER KIT



Flat Easy to Store Design

Lightweight But Extremely Rugged

Model 1450-01. The Dymo SLIMLINE, compact, only 1%, thick, 24% wide, and 84% long, lles flat, stores conveniently almost anywhere. Embosses new easier-to-read "Designer" extended letters in both 1/4" and 3/8" vlnyl tape. Features automatic pull-tab tape cut off. 2/4 and 3/6 wint tape. Peatures automate printable tape cut on: Set includes SLIMLINE embossing tool with 2 different size horizon-tal letter and one vertical letter embossing wheels. PLUS one roll 3/8" and one roll 1/4" tape. PLUS molded carrying case. Shpg. wt., 2 lbs. 14 R 41542

#### 1/4" OR 3/8" LABELMAKERS

Handy Tape Cut-Off

Home labelmaker embosses raised Home labelmaker embosses raised characters on vinyl tape. Just dial the letters, numbers, or symbols and squeeze the handle. Has pull tab cut-off and rugged plastic body. Size: 6½L 5.6°H. Choice of model with 1/4° or 3/8° wheel. Wt., 2 lbs. 14 R 41543 43/8° Model Net 2.75 14 R 41013 1/4° Model Net 2.75 3/8" Labelmaker complete with 3-12" rolls of vinyl tape, Shpg. wt., 3/4 lb. 14 R 41583 Net 3.95



Each contains 144" of 1/4" glossy vinyl tape with adhesive backing. Shpg. wt., 1/4 lb., Net ea...79

Stock No.	Lots of 6 .69 ea.
14 R 41021 Blue	14 R 41062 Brown
14 R 41039 Green	14 R 41070 Black
14 R 41047 Red	14 R 41302 Orange
14 R 41054 Clear	14 R 41310 Yellow
14 R 41518 Wal.	14 R 41328 Gold
Grain	

2 Horizontal and 1 Vertical Letter Embossing Wheels

Model 1570-01 Exclusive "Touch Action" helps you make permanent, self-sticking Dymo labels, without effort. Great for organizing the office, store, stockroom, or workshop, Embosses easier-to-fead "Designer" extended letters in both 1/2" and 3/8" vinyl tape. Set includes rugged chrome plated zinc embossing tool, 9½" long, PLUS 2 different size horizontal letter and one vertical letter embossing wheels, PLUS one roll 1/2" tape and one magazine 3/8" tape. Shpg.

DYMO 1/4" AND 3/8" LABELMAKER



 Space Letters in Narrow or Wide Widths . Convenient Tape Cut-Off Lever

Handy, labelmaker for home, school or office, Embosses both 3/8" and 1/4" self-adhesive vinyl tape to make permanent, waterproof raised labels. Lightweight Cycolace tool, only 7½" x 3", has wide or narrow letter spacing, and a convenient tape cut-off lever. Comes with interchangable horizontal and vertical letter wheels PUS 12" magazine of 3/8" tape. Shpg. wt., 5½ 02.

#### DYMO EMBOSSING TAPES 3/8 INCH

Contains 144" of 3/8" dirt/moisture resistant vinyl tape with adhesive backing. Shpg. wt., 1/4 lb. Net ea. .99 Stock No.

14 R 41112 Brown 14 R 41120 Black 14 R 41138 Red 14 R 41146 Clear 14 R 41526 Wal.

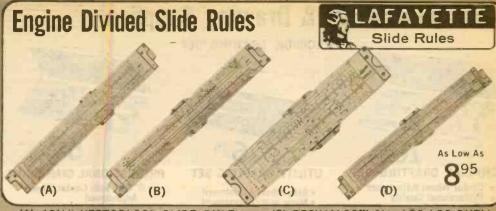
Lots of 6 .89 ea. 14 R 41153 Blue 14 R 41161 Green 14 R 41278 Orange 14 R 41286 Yellow 14 R 41294 Gold

#### 1/2 INCH

Contains 144" of 1/2" glossy vinyl tape with adhesive backing. Shpg. wt., 1/4 lb.

Net ea. 1.39

STOCK No.	Lots of 6 1.19
14 R 41187 Black	14 R 41229 Green
14 R 41195 Yellow	14 R 41237 Brown
14 R 41203 Red	14 R 41245 Gold
14 R 41211 Blue	14 R 41252 Clear



#### (A) 131/4" VECTORLOG® SLIDE RULE

#### For Communications Engineers and Physicists

● Laminated Bamboo Construction ● P. P. and Q Scales ● For Direct Vector Addition ● Hyperbolic Sine and Tangent Scales. Two Sine Scales—One Marked in Degrees. One Marked in Radians. ● 5 Log Log Scales Plus a Voltage DB Scale ● Complete with Belt Carrying Loop and Leather Case ● With 10" Scale

The Lafayette VECTORLOG Slide Rule provides a new concept in scientific calculation, incorporating scales and arrangement designed scientific calculation, incorporating scales and arrangement designed for quick-easy-manipulation. Twenty-seven (27) scales incorporate the many problems encountered in Electrical Engineering and Physics. The unique P, Pr, and Q scales allow direct right angle vector addition. No longer are several settings required to obtain right angle vector sums—these scales work in the same manner as the G and D for multiplication. The two Hyperbolic Sine and one Hyperbolic Tangent Scale, the voltage db scale, and the five Log Log scales, provide maximum coverage of these dynamic fields. VECTORLOG is the result of extensive lests for ease of manipulation. Several of these features are: C and D scales on both the front and back of the rule; Sine scales in both degrees and radians, removing the necessity of bothersome conversion of units: a problem-lested location of scales; and adjustable screws to allow variable tension on the sidec scales include: (FRONT) Tr-1, TR-2, Pr, P. Q. ST, S-1, S-0, C. D. LUO, LLO2, LLO3, LL11; (FRARS, Sh-1, Sh-2, DF, A. B., Cl, CF, Th, C. D., LL3, LL2, db. With Instruction book, leather carrying case, and belt carrying loop. Imported. Shpg. wt., 11/4 lbs. 99 R 71029

#### (B) 133/4" DELUXE LOG LOG DUPLI DECIMAL TRIGONOMETRIC SLIDE RULE

- . With 11" Scale . 25 Scales with 8 Log Log Scales
- Extended Range Avoids "Going Off Scale"
- Extra P Scale Simplifies Computations
   Two Color Scales

A log log dupit decimal trigonometric slide rule contains 25 scales including 8 Log Log Scales. Troublesome end-for-end resetting is eliminated by extensions of C and D scales. Twin set of Log Log scales run from 1.001 to 100,000 and .999 to .00001, enlarging the scale by one scale length each compared with ordinary log slide rules. Extra features include P scale which enables direct "readout" of cosine value. Scales include LtO1, LtO2, LtO3, DF, CF, CIF, CI, C, Lt3, LtO2, Lt1, LLO0, L, K,A, B, S, ST, T, C, D, D, P, and LtO. With instruction books, saddle leather case. Imported. Shpg. wt., 144 lbs. Net 16.95

#### (C) DECIMALOGTM 61/2" LOG LOG DUPLI DECIMAL TRIGONOMETRIC SLIDE RULE

P Scale (Pythagorean) permits direct "readout" of Cosine Values

24 Scales including 8 Log Log Scales e With 5" Scale.

A pocket version of our 13%" Log Log Dupil Declmal Trigonometric Silde rule. Contains all the scales of the 13%" rule except the "ST" scale. Two color scales—positioned for each in use and rapid calculations. ("C" and "0" scales on both sides of the rule, "p" scale for direct, cursor line reading of cosines of angles. Scales—front face: LL1, LL2, LL3, DT, CF, CIF, CI, C, D, L13, LL2, LL1, Back face: LL0, L, K, A, B, S, T, C, D, DI, LL0. Engine divided rule of laminated, non-hygroscopic bamboo. Complete with instruction book and leather case with pocket clip. Imported. Shpg. wt., 8 oz.

99 R 70997

Not 8 95

#### (D)121/2"LOG LOG DUPLI TRIG SLIDE RULE

Specially selected, laminated, non-tygroscopic bamboo. Scales ma-chine engraved on white plastic in permanently accurate calibrations. Adjusting screws permit varying tension on slide. 21 scales including Adjusting screws permit varying tension on slide. 21 scales including C, D and CI on both slebes, LLQ and LLQO scales refer to B scale. All other scales coordinate and refer to D scale. Scales are L, LLI, DF, CF, CIF, CI, C, D, LLQL, A, B, K, CI, C, D, S, ST and T. Scale characteristics permit multiplication, division, proportion, inverse proportion, reciprocals, cotangents, squares, square roots, cubes, cube roots, logarithms, tangents, sines, PI factor multiplication and division, powers and roots of numbers less than 1, powers and roots of numbers greater than 1, logarithms to base "e." Shpg. wt., 1 lb. Imported.

99 R 70310

Net 12.95

### 5" POCKET SLIDE RULE



- Extremely Accurate · Has Standard S, L
- and T Scales Convenient pocket sized slide rule of specially selected and treated bamboo. Will not warp, shrink or lengthen under varying atmospheric conditions. A, B, Cl, C, D and K scales engraved on white plastic surface. Reverse side of silde has standard S, L, and T scales. The upper beveled edge of the rule is graduated in mm to 13 cm. Other edge is divided into 5 inches by 32nds. Only 51%. Only 50%. Only 51%. Only 51%.

#### USING THE SLIDE RULE IN ELECTRONIC **TECHNOLOGY**

by Charles Alvarez



Written for electronic students, both beginners and advanced. It can also serve as auxiliary text in math theory. All scales are discussed separately with detailed examples, graded in difficulty to develop speed and accuracy in use of the slide rule. 120 pp. 54/2 x 84/2 paperback. Shpg. wt., 8 oz.

Net 2.95

4" CIRCULAR SLIDE RULE

A versatlle calculating instrument specially constructed with special chemical resistant, 1/4" thick, plastic, it will net shrink or expand under varying climatic conditions. expand under varying climatic conditions. 12 scales to solve problems involving multiplication, division, proportions, squares, cubes, and all trigonometric functions. Special scales allow direct conversions of angles from radians to degrees. Ideal for quick calculations. With leatherette case.

99 R 71276 Wt., 4 oz. Imported Net 3.49

#### FRACTION ADDING MACHINE



Continuous adding or subtracting of fractions, decimal equivalents, or mixed fractions and decimals. Answers shown instantily. Invaluable for the shop and technical school, office, factory, machinists, designers, draftsmen, and engineers. 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 plastic case and instructions. 13 R 17015 Shpg. wt., 4 oz

307

## **Drafting & Drawing Supplies**



#### TECHNICAL DRAFTING SET

- Center Wheel Adjustment
- **Professional Quality**
- Made in W/Germany of Nickel Plated Brass

Contains 64/6" self-centering compass, one leg knuckle joint with divider, pencil, pen parts and lengthening bar; 64/6" self-centering divider; spring bow divider 44/6", center wheel adjustment with interchangeable needle points; spring bow pencil and spring bow pen, both 44/6" with center wheel adjustment and interchangeable needle point; two 54/6" ruling pens; extra handle for pen and pencil parts; adjustment tool; lead case and leads; and spare parts kit at in fitted and leads; and spare parts kit, all in fitted lined case. Shpg. wt., 1½ lbs. PRECISION DRAWING SET



#### UTILITY DRAFTING SET

- Side Wheel Adjustment
- Made in W/Germany of **Nickel Plated Brass**
- Professional Quality

Made in Germany of hard rolled, nickel plated brass. All instruments are nested in a fitted, brass. All instruments are nested in a littled, lined case. Contains three side wheel 34." bow instruments—one a divider, one a pencil and one a pen. All have reversible needle point, 5½" compass with pen and pencil parts—and lengthening bar. 5¼" divider with straightening device. 5" ruling pen. Extra handle for use with pen and pencil parts. Capsule with extra leads. Perfect for school, labs. industrials. Shop wt. 1 lb. 15 R 21046 Net. 6.95

PRECISION DRAWING SET



#### PROFESSIONAL GIANT BOW

- 6" Size with Center Wheel Adjustment
- Finely Balanced— Professional Type
- · Made in W/Germany of **Nickel Plated Brass**

Professional quality utility set in a fitted lined case. Made in Western Germany of nickel plated brass. 6" giant bow has preferred center wheel adjustment. Makes circles from 1/6" 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., 9 oz.

#### draftette PORTABLE DRAFTING MACHINE

16<sup>95</sup>

Precision Instrument Medel 98—sketch draft, design, draw diagrams and schematics like a professional. A new DRAFTETTE which gives you all the advantages of a T-square, triangle and protractor in a compact, easy to operate portable drafting machine. Constructed of anodized aluminum, features tubular arms,

Includes 14 Drawing Aids plus 13" x 19" Basswood Board

An attractively designed drawing set. Consists of 14 drawing aids: 13" x 19" Basswood Drawing Board, T square, Protractor, French curve, 30/60° and 45/90° triangles, Architect's scale, slide rule, bow compass, 12" ruler, erasing shield, lettering guide, architect's scalemaster, eraser and lead holder, Shpg. wt., 3% lbs.

Net 13.95

#### PORTABLE DRAWING KIT



Can Be Carried or Stored

A folding portfolio conveniently carried or stored. Includes a 12-inch T-square, a 1800 protractor, a 6-inch French curve, a 4-inch 45/90° and a 4-inch 30/60°, a 50-sheet drawing pad and drawing pencil. Plastic portfolio is 9x13½x1½°. Tools housed in separate pockets. Shpg. wt., 2 ibs.
15 R 14330 Net 3.50

#### HARD MAPLE PANTOGRAPH

For Enlarging, Reducing, Reproducing



#### "Quick-Change" Feature Allows **Setting to Any Ratio**

A 21" adjustable pantograph with 21 different ratios from 1½ to 8. Enlarges, reduces or reproduces drawings, etc. Most rapid, accurate means of reducing or enlarging to scale. Lecquered highly finished bars are 21" long and 3/4" wide. Neavy ball bearing standard. Chrome plated hardware, ratio thumb screws and nuts. Complete with least recovered and detailed instructions. Shpg. wt., 1 ib.
15 R \$6026

Net 5.99

31" PANTOGRAPH

Similar to above except 31" long, with 32 ratios. Complete with accessories and instructions. Shpg. wt., 1 ib. 3 oz. 15 8 56667

360° protractor, one-piece 6"x9" scale calibrated in 16ths-1/8-1/4. Mounted on a 16"x 21" drawing board, completely assembled ready to use. Shpg. wt., 5½ lbs. 15x 74011.

#### draftette PORTABLE DRAFTING MACHINE



95

#### Mounted on 11 x 17" Hardboard

Model #117 portable drafting machine with interchangeable one-piece aluminum 4 x 6" scale, calibrated in 16th, ¼ and ¼ or 10/50ths (eng.) and Metric, Full 360° protractor, Precision all-aluminum construction gives you a rugged and accurate machine. Ideat for schematics, layouts, etc. 15 R 74060 Shpg. wt., 2% lbs. ..... Net 9.95

#### draftette SKETCH KIT



Model #58 portable drafting drawing machine permanently mounted in a Vinyi binder (self-locking). Can be used for sketching, designing, drawing, and drafting, Great for traveling. Contains a precision portable drafting instrument with a 4 x 6" scale, 350' protractor, pad of 50 sheets, drawing-tracing paper 8½ x 11", pencil, all in one compact binder. Does not require tape or tacks to hold paper in place for use. Binder 9½x13x 1". Shg. wt., 2 ½/bs. 15 R 74029

To Speed Your Mail Order-Please Give Your Zip Code Number

## **Drafting & Drawing Supplies**

#### INSTANT LETTERING KITS

As Low As 300

Sharply defined 1/8" high, Gothic typeface, letters, numerals, and most often used electronic terms. Transfer easily and cleanly onto any smooth, dry surface—paper, metal, plastic, wood, or glass. Not a decal, goes on instantly without water or tapes. Leaves no background haze or film. Looks like it was printed on! Hundreds of characters on 3 x 5" shaets. In each set. Shop wt. A 92. sheets in each set. Shpg. wt., 4 @Z.



Stock No.	Mfgr. No.	No. of Sheets	Kit Includes	Celor	Net
32 R 75047	9581	24	Letters, words Numerals	Black	5,95
32 R 75054	. 9591	24	Letters, Words Numerals	White	5.95
32 R 7508B	9601	12	Alphabets Only	Black	3.00
32 R 75096	9611	12	Alphabets Only	White	3.00
32 R 75104	9621	12	Numerals Only	Black	3.00
32 R 75112	9631	12	Numerals Only	White	3,00

METER AND DIAL MARKING KIT Contains 12 5" x 7" sheets—4 different sheets in 3 colors, black, white and red. Sheets have switch patterns, arcs, graduation lines, letters and numerals etc. for marking rotary and standard switches and dials etc. 32 R 75013 per package \_

DATAKOAT PROTECTIVE COATINGS. Maximum protection for instant Jettering. 7 oz.
32 R 75002 Protective Coating Kit
32 R 75070 Protective Coating Kit (16 oz. spray can)

Net 2.95

#### RUBBER TYPE SET

An easy to use printing kit that comes complete with 14-point (½") rubber type, 22 numerals, over 100 capital letters, punctuation marks, ink pad and tweezers. Print anything from one to four lines long, Special "base-lock" type for perfect alignment, Neat, clean, and clear results. Many printing uses in the home or husiness. Instructions included Shap or business. Instructions included. Shpg. wt., 3/4 lb.

50

Net 3 50 Extra set of (1/5") rubbertype, 22 numerals, over 100 capital letters,

punctuation marks. Net 2.39

TACRO TACROGRAPH SET with Three Nibs

A top quality drawing pen for all lettering and drawing work, Uses both India and drawing lnks, Precision point for constant flow lines. Slim, easy to hold pen comes with 3 color coded nibs. Fine (Size 0, Grey nib), Light Medium (Size 1 Yellow nib), Very Broad (Size 3, Blue nib). Ideal for your every artistic and mechanical need. Shpg. wt., 4 oz.

TACRO TACROGRAPH SET Complete with

Professional quality Tac rograph pen set. Uses both drawing and India Inks. 7-precision crafted points. With rubber sleeve for easy removal of nib. In attractive velveteen lined leatherette pigskin case. Nibs: White-00-very line; grey-0-fine; yellow-1-light med.; beige-2-heavy med.; green-2-l/2-brbad; blue-3-very broad; red-4-extra broad. Shpg. wt., 8 oz. Net 11.95

#### LETTERING GUIDE SET

Made of transparent

(7) Nibs

-AP66BCHJES40P-STBYEYZo\* 12.046"676\*46 1, 211\*

plastic. Use with either sharp pencil or ink. Each has complete alphabet, numbers and commonly used signs. Set consists of six guides. Sizes 1/8, 3/16, 1/4, 5/16, 3/8, and 1/2". Shpg. wt., 1 lb.

Net 4.95

LETTERING PEN Reservoir type drawing pen. Designed for use with lettering guides from 1/2". Shpg. wt., 3 oz.

#### 20 CAMEL HAIR BRUSHES

imported camel hair brushes, Sizes #1 through #6. Each brush is 61/2" long with different color handles. Excellent for cleaning tuners and precision parts. Perfect for water color, cabinet touch-up, and sign let-tering. Shpg. wt. 4 oz.



ELECTRONIC DRAFTING TEMPLATE

ELECTRONIC TEMPLATE. Exceptionally accurate! Made to J.I.C. standards. All elements of electronic and CR tubes are provided for—plus tube bases for 7, 8 and 9 prong tubes. Includes transistors, diodes, rectifiers, plugs, etc. Covers all symbols. Size: 7x5". Thickness: ,030". Shpg. wt., 4 ozs.

## FRENCH CURVE SET

Made of crystal clear plastic .090" thick. Set consists of eight French curves. Excel-lent for perspective, three dimensional drawing and general applications. wt., 3/4 lb.

#### ELECTRIX\* THE EXECUTIVE PERSONAL FAN



Cools like fans several times its size. Set it on a desk, alongside Cools like rans several rimes its size. Set it on a desk, alongside your bed, or in the kitchen . . . wherever a breath of fresh air is needed without blowing up a storm, or disturbing papers. The Executive is so whisper quiet and efficient you can use it any place you relax or work. Durable, high impact Cycolace base adjusts to direct a concentrated, cooling, even stream of air. Beautiful off-white/walnut finish. For 117 VAC, 60 Hz. Size: 8Wx4Hx4FD. 15 R 51019 Shpg. wt., 23/4 lbs. Net 10.95

#### **AUTOMATIC ELECTRIC PENCIL SHARPENER**

**Automatic** Stopper When Pencil Is Sharpened

Heavy Duty **Electric Motor** 



Model 660-ideal for student, artist, draftsman, business firms gives a needle point instantly. Unit even sharpens charcoal and pastel perclis. Sensitive micro switch automatically stops motor when pencil is sharpened. Carefully machined precision ground cutters last Indefinitely. Easy cleaning with convenient outs out receptacle drawer. Safe for even a child to use. Sturdy die cast metal with heavy duty 115 volt AC motor. U. Listed. Imported.

15 R 17051 Shpg. wt., 434 lbs.

Net 11.95

## brother CHARGER 11

## PORTABLE TYPEWRITER



Charger 11, Rugged, lightweight portable typewriter, ideal for students and home use. All steel construction ensures years of solid performance and dependability, Compact design features a full size 84 character keyboard, Additional features include: jam release key, 2 color ribbon, stencil position, half-space ratchet, line drawing aperture, measuring scale and card holder, Comes with console type case cover. Pica type. Size: 14½ x 15 x 5½", Imported, Shpg. wt., 134 live. 134/5 lbs.

15 R 17119W

Net 39.95

brother ECHELON 89
ALL STEEL COMPACT



Echelon 89. Space-age engineering comes to popular priced type-writers automatic spacing at the touch of a button without electricity. Other features include full 88 character keyboard, jam release key, touch adjustment, half space rathect, key-set tabulator, variable time spacer, measuring scale and card holder, 2 color ribbon and stencil selector and line drawing aperture. Comes with attractive luggage type carrying case with lock and key. Pica type. Size: 16 x 18 x 8". Imported. Shpg. wt., 19 lbs.

15 R 17143W

Net 64,95



#### With Fully Electric Repeat Keys Plus Automatic Repeat Spacer!

**ELECTRIC PORTABLE TYPEWRITER** 

MODEL 3000 Features a full 88 character office keyboard including the +, =, 1, 1 . . . four more than standard. Has 3 repeat keys . . 6 electric repeat characters: -, -, X, . x. Equipped with automatic repeat spacer, tabulator, half-space ratchet, 2-color ribbon and stencil selector, line drawing aperture, paper meter and scale. Comfort sloped keyboard, eraser table, and paper support. Comes with lid cover. Pica type. Size: 5¼H x 14L x 13½"W. Imported. Shpg. wt., 20 ibs.

15 R 17150W

Smith-Corona CORONA 70 ELECTRIC PORTABLE TYPEWRITER

- Precision Electric Keyboard
- Key Set Tabulator

Student-priced --styled for the 70's. Precision portable electric type-writer with big machine features. Has push-variable platen, repeating space bar, electric segment shift, removable easy-to-clean platen, key set tabulator (more than 80 stops) and quick-set visible margins. Also features a forward glide deck and high performance motor. All steel construction. Genuine Naughahyde carrying case, Smartly styled in Artec blue. Plea type only. For 110-120V AC, U.L. listed. 15 R 40178W Shpg. wt., 24 lbs.





· Big 12" Carriage

Fully Powered Carriage—Tabulation—Keys

The Coronet Automatic 12 meets the most exacting needs of office, home or school—yet travels with flite-lite ease. Full sized keyboard, full length labulator key sets, clears. Repeat action for dashes, dots. X's, underlines. Repeat spacing; copy-set dial; 3-position ribbon selectors: 12" carriage automatically returns and advances to next line. Copy set dial—makes up to 10 carbons. Artec blue body w/Seamist keyboard. Pica type. All steel construction. Carrying case incl. 110-120V 60 Hz, AC. Shpg. wt., 30 lbs. 15 R 40194 Net 184.95

**CORONET AUTOMATIC 12 ELECTRIC PORTABLE** 

See Page 22 for Full Credit Details on Easy Pay Plan

### Bohn

#### COMPACT ELECTRIC ADDING MACHINE

With Direct Credit Balance



- . Fully Automatic Two-Color Ribbon
- Larger Capacity: Totals 11 Columns to To \$999 999 999 999

Model 10/11 Short stroke 10-key keyboard. Automatic operation—add, multiply, subtract, total, subtotal and true credit balance. Two-color ribbon prints credit balance and minus factors in red. Clearly marked single-use function keys. Raised PLUS bar makes "sure target." "Ezy-tock" multiplication key simplifies and speeds up all repeat operations. New non-add key prints reference numbers. All steel frame and steel mechanism. Two-tone high impact styrene housing. 15 R 55002W Shpg. wt., 10 lbs. Net 89.95

Contour-fitted Statesman Carry Case with zipper and handles. 15 R 55010 Shpg. wt., 134 lbs. Nei Net 6.95 SMITH-CORONA

'FIGUREMATIC' PORTABLE ELECTRIC ADDING MACHINE



A fast-figuring electric portable that adds, subtracts and multiplies. Full-featured construction with 10 keys. Add-Subtotal, Subtract-Total, and Repeat. "Clear" and digital indicator are combined. Lists 7 columns of figures. New, easy-load-ribbon cartridge gives thousands of extra prints. Easy to carry—the cord tucks in, styllsh dust cover samps on, built-in retractable carrying handle comes out, and away it goes. Ideal for everyone who figures—at work, home, in-between. Overall 749x13". For 110-115 volts. 60 Hz, AC. Shpg. wt., 10½ lbs. Shpg. wt., 101/4 lbs. Net 74.95

Adding tape for above 21/2" wide. 15 R 40061 Shpg. wt., 10 oz.

Net ea. 39



#### COPYMATE **DRY COPIER**

. Makes Crisp, Black-on White Copies

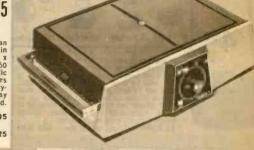
. No Messy Liquids, Powders, Sprays or Inks

· Copy Letters, Photographs, Pages Bound in Books

Easy to use and economical dry copier for home and office. Anyone can make permanent black-on white copies of documents, recipes, etc. in less than 30 seconds, regardless of color or thickness up to size 8½ x 11". No messy chemicals, links, powders or sprays; ases two ordinary 150 watt frosted bulbs and "Copymate" paper. Features a built-in automatic timer that determines proper exposure and also indicates when copies are ready. Compact, handsome two-tone grained finish case with carrying handle has a convenient built-in paper storage compartment. Easy front pariel controls and pilot light. For 110-120 VAC, 60 Hz. UL listed. Size: 22¼ x 17½ x 6¼°. Shgg. wt., 9 lbs. 15 R 46043W Net 49.95

"Copymate" Paper. 33 sheets per pkg. Shpg. wt., 11/2 lbs.

Net 3.25



## **Decorative 2 Drawer Desk**

IDEAL FOR STUDYING AND HOME OFFICE

- Permaneer Finish Resists Heat, Stains, and Scratches
- · Easy to Clean

CHAIR OPTIONAL

Finely-crafted chrome and walnut desk is designed to blend with any decor. Perfect for the home study or office. Two storage drawers and a large extended desk top provide plenty of functional work space. Constructed of durable pressedwood Permaneer. Walnut-grained finish has the look and feel of rich, lustrous hardwood and is stain, heat, and scratch resistant. Easily wipes clean with a damp cloth. Keeps its beautiful woodlike finish with no special polishing care. Desk stands 29" high on 4 sturdy chrome-plated legs, Desk measures 48" wide x 20" deep. Easily assembled with just a screw-driver. Shpg. wt., 50 lbs. 20 R 16020WX

Net 29.95 OPTIONAL CHAIR, has contour back with black vinyl fully padded seat. Walnut wood finish matches above desk. 20 R 23059W Shpg. wt., 1242 lbs. Net 12,95



See Page 22 for Full Credit Details on Easy Pay Plan

## Desk Lamps for Home & Office



flow you can have pure white concentrated light exactly where you want it. Decorator styled to fit any decor in your home or office. The glare-free bulb supplied with the lamp is equal to 200 watts of illumination. An oversize shade provides a greater light area than ordinary high intensity lamps and does not relain heat. A steel spring gives you complete mobility in all directions with perfect balance. Arm reach is 24". Lamp is black with a heavy chrome and black vinyl stelleb base. Show wit. 734 libr finish base, Shpg. wt., 73/4 lbs. 12 R 33501 Net 15 95

#### 5-WAY HIGH INTENSITY LAMP

- Hi-Lo-Off Selector Switch
- Adjustable Telescoping Arm

ONLY

Might Light Wall Light Spot Light T.V. Light Beautifully designed, transformer powered telescoping Hi-Intensity lamp featuring HIGH and LOW switch. Telescopes from 3½° to 12°. May be used as a desk and wall light, spot and TV lamp, Use as a night light when closed. Shade swivels 360° with an arc of 180°. Shade and base are richly finished in black. Uses #93 butb, supplied, Overall height 13°, 117V, 50 Hz. Imported.

12 R 28535 Shpg. wt., 2 lbs. Net 4.95

#### FLUORESCENT DESK LAMP



Fig. A. An attractive all metal fluorescent lamp with combination Fig. A. An attractive all metal fluorescent lamp with combination solid/gooseneck support finished in chrome. Brown metal base with push button light control perfect for study, office or den. Translucent white plastic diffuser for maximum light dispersal. Includes 15-watt, 18" cool fluorescent bulb. Streamline design complements any room decor, 14 inches high by 15 inches wide. Provides illumination anywhere on your work or reading surface. 117V, 60 Hz. Imported, Shpg. wt., 51/4 lbs.

Fig. 8. Attractive, all metal desk lamp with two 15-watt fluorescent 

DIAL-A-LITE HIGH INTENSITY LAMP

· Dials Any Degree of Light From Night Light to Bright Light.

Now you can vary your light continuously from a soft glow that is dimmer than a night light to a brilliant, glare-free, white light equivalent to 150 watts of Illumination. Slide switch turns light on or off without disturbing dial setting. Telescoping arm extends to 15"; shade swivels 360". The lamp can be hung on a "wall by using keyhole slot on base. Unit folds down to only 31/x894". Sand finish, For 120°. 60 Hz, AC, Uses GE. No. 1129 bulb (included). U.L. listed. Shpg. wt 216 Hz. wt., 21/2 lbs. Net 11.89

"NIGHT-WATCH" HIGH INTENSITY LAMP



- Hi-Lo-Off Selector Switch
- Rosewood Inlay on Shade and Base



Richly styled high intensity lamp with rose-wood inlay on both base and shade. Tip-proof base is of high impact polypropylene which cannot crack, chip, or mar. May be used as a night light in "lo" position when shade is rested on base. Chrome plated steel folding arm directs light in any direction. Equal to 150-watts of illumination with G.E. 1141 bulb supplied. Charcoal finished sides. U. L. listed. 117V, 60 Mz. Imported.

12 R 17504 Shog, wt. 21/4 lbs. Net 9.95

#### TYPE-LITER TYPEWRITER LAMP



#### Fits Any Typewriter

Useful addition to your office or study. Type-Liter attaches snugly to the back of any type-writer or office machine to provide light where it is needed. Prevents eye strain. No nuts, or bolts necessary. Uses 15-watt fluorescent bulb for cool, non-glare illumination, Swivel action shade with flexible arm. Neutral color to blend with any decor, U.L. listed, Shpg. wt., 4 lbs. 12 R 10095

T-8 15-Watt Cool White Lamp, Shpg. wt., 5 oz. 12 R 10020 Net 1.39

#### REPLACEMENT HIGH INTENSITY BULBS

Popular replacement bulbs for most high intensity lamps, Avg. shpg.

Stock No.	Type No.	Qty	Net
32 R 66848 12 R 75536 32 R 66475	93	1	.40
12 R 75536	40S11N	1	.79
32.R 66475	1129	1	.40
32 R 69206	1141	1	.30



#### DELUXE INCANDESCENT LAMP

Model LB-IA. Designed for use wherever work areas must be well filuminated. Non-friction, spring balanced design permits easy positioning, and keeps lamp permanently in place. Can be raised or lowered, swivels 360°, and has 45" reach. Dual-shade construction reduces heat and maintains new lamp performance. Easily clamps to edge of table or desk. Dove gray finish. Accepts standard bulb. U.L. listed Less bulb

12 R 69554W Shpg. wt., 5 lbs.

#### DELUXE COMBINATION INCANDESCENT and FLUORESCENT

Model LC-1A. Ideal for use in any office or home where maximum lightling efficiency is necessary. Separate switches independently control each light, Spring-controlled, counter balanced arms "linger-touch" "stay put" positioning; can be raised or lowered, rotates 360°, extends 45". "C" clamp mtg, bracket, Handsome dove gray finish, J.L. listed. Less bulbs. 12 R 69562W Shpg. wt., 734 lbs.

12 R 75015 22 watt, cool white fluorescent lamp.

Net 27.95 Net 3,49

#### Model LFM-1A. Designed for assembly and inspection of miniature parts, reading numbers and fine print. Spring balanced design; the lightest touch guides the light to any fixed position users hands are left completely free. 5" magnifier; 360° swivel; reaches 25 to 45". Constructed with precision ground lens and die cast aluminum shade. Dove gray. "C" clamp mtg. U.L. listed. 12 R 69570W Less Bulb. Shop. wt., 8 lbs... 12 R 75015 22 watt, cool white fluorescent lamp Net 39.95 Net 3.49

C DELUXE FLUORESCENT MAGNIFIER LAMP

Model FL-1A Dual-light fluorescent desk tamp designed shade and inner reflector to produce maximum, non-glare, lighting. Spring-balanced extension arms permit smooth, easy adjustment. Has two button starter switch, and top quality ballast for qulet operation, 45" reach, 360° sweep. Includes "C" clamp mtg. bracket. Beautiful desert tan. UL listed.

DELUXE FLUORESCENT DESK LAMP

12 R 69588W Less bulbs. Shpg. wt., 10 lbs. ... 12 R 10020 15 watt, cool white lamp. (2-required)

.... Net 29.95 Net ea. 1.39

Net 24.95

#### FLUORESCENT MAGNIFYING LAMP

As Low As

Designéd for precision work. leatures a ! Designed for precision work. leatures a bidiameter magnifying glass with a powerful 13" focus, surrounded by a 22 watt shadow-free fluorescent tube. A custom-engineered arm permits complete directional mobility—special adjustment knobs insure the

proper tension and steadiness for any desired position, 45" arm reach. Ideal for assembly, laboratory, quality control and other detail work. In hit or assembled form. Shpg. wt., 7 lbs.

12 R 69521W Kit, less lamp 12 R 69539W Assembled less lamp 79, 22-watt, cool white lamp. Shpg. wt., 11 oz. 12 R 75015 Net 26.95 Net ea. 3.49

ALL PURPOSE LAMP



- Light at Any Angle Extends to 36"

Ideal for factory benches, tables and drafting boards, Two bolts clamp base securely to any surface up to 3" thick. Spring-controlled swivel joints and double arm action give you light in any desired position. Arm extends 36". Uses two T8, 15-W lamps. For 110-125V., 60 Hz. AC, Bronze Inish. Shpg. wt., 91/2 lbs.

12 R 10012W Less lamps. Shpg. wt., 9 lbs. 18, 15 watt, cool white lamp. Shpg. wt., 5 oz. 12 R 10020

Net ea. 1.39

#### FLUORESCENT MAGNIFYING LAMP



Flexible Gooseneck

5" Lens with 13" Focus

The perfect lamp for the hobbyist who needs plenty of light and magnification for close precision work. The flexible, gooseneck arm adjusts and holds the lamp in the position you want. Five inch diameter magnifying glass; overall length about 2½ feet, Sturdy, clamp-mount base. Uses 22-watt Sturdy, clamp-mount ba circline fluorescent lamp.

Less Lamp, Si 12 R 10046 Shpg. wt., 8 lbs., Net 24.95 T9, 22-watt, cool white lamp, Shpg. wt.,

Net 3.49

#### STUDY-LYTE CLAMP ON LAMP

Net 22.95



 Spring Control Extends to 45"

Perfect illumination where you need it—moves up, down, sideways at your lightest touch, and stays exactly where you put it. From a central position, the 45" arm reach can swing to illuminate any area on a desk or table, six feet long and four feet wide. Sleek all-metal construction with versatile 3" throat edge clamp. Uses standard bulb (not included). Available in easy-to-assemble

kit form or completely assembled. Kit, Shpg. wt., 4 lbs. 12 R 69505W Net 11.95 12 R 69513W Assembled Net 13.95

#### CLAMP-ON ALL PURPOSE LAMP



18" Flexible Arm

· 3-Way Mounting Clamp

Most adaptable clamp-on all purpose lamp with 18" flex arm with parabolic shade, Ideal for drafting, hobbies, machine tools and work bench. The entire lamp traverses an entire 360° with lock nut to maintain it in any fixed position. Reverse the clamp and you can screw it to the wall. The lamp shade on the inside is painted white enamed to give full reflection and a concentrated source of light where needed. For 75 watt lamp, Green color finish, Shpg. wt., 3

12 R 10087

## **LAFAYETTE Wireless Remote Control**

For Lamps, T.V., Hi-Fi, Household Appliances Only 95

 Turns Lights and Appliances On and Off From Anywhere In Your Home-By Remote Control!

Simply Plug In and Operate!
 A Lafavette Exclusive!

Now you may turn on or off any electrical device from anywhere in your home or shop. The Lafayette wireless remote control requires no additional wires. Simply plug in your transmitter wherever you choose in the house, and the appliance, TV, hi-fi system or lights that are plugged in to the receiver will be turned off or on by pressing the button on the transmitter. Perfect for viewing TV or listening to hi-fi in bed. When you get sleepy press the switch and turn everything off. Safe! Simple remote switch of lights, lamps, radlos, TV and appliances. Transmitter and Receiver operate on ordinary house current, receiver accepts any 105 to 120 volt device up to 300 watter imported. Shop wit 14. It up to 300 watts, Imported, Shop, wt., 1/2 lb.

Complete Transmitter & Receiving Unit

Net 14 95 Extra Transmitter Shoe, wt., 144 lbs. 99 R 91787 Net 5 95

Extra Receiver Shpg. wt., 11/4 lbs:

#### WHISTLE SWITCH

Net 9.95

295

The Amazing Electro-Sonic Switch That Turns Anvthing Electrical On or Off With a Whistle

Whistle
Let Sound Command do the work. Turns
radios, televisions, Hi-Fi, Lamps, outdoor
light, On or Off while you relax in your chair
or bed. No need to walk in darkness... turn
on lights in a different room before you get
there, Just blow the whistle and appliance
immediately goes On or Off. WHISTLE
SWITCH is plugged into any standard household outlet, then electrical appliance is
plugged into WHISTLE SWITCH. Nothing
terther is rowined 250 world sports. further is required. 350-watt capacity. For 110 v 60 Hz AC.
12 R 78506 Shpg. wt., 10 oz. Net 13.95

Extra Whistle for above

#### WIRELESS REMOTE CONTROL SWITCH



ONLY

Turn On and Off Lamps, Hi-Fi, TV, And Radios From Chair or Bed

Telewand

"Microsonic Beam" switches On/Off any appliance in the home. A touch of the button on the wireless transmitter switches TV, hi-fl, lamps, radios, fans or other electrical devices On/Off up to 40 feet away. Consists of a Teleswitch (miniature receiver), and a Telewand (miniature transmitter). Installs in seconds . just plug the AC cord from the appliance you wish to control into the Teleswitch socket, then plug the AC cord from the Teleswitch into any 110-120V., 60 Hz AC wall outlet, for use with up to 7.5 Amps. 860 Watts. Telewand operates on 9V battery. Shop. wt. 14 oz.

12 R 87010

Net 21-95

99 R 60212 Battery for above Extra Telewand for above less battery. 12 R 87028 Shog. wt., 1/4 lb.

Net .29

Net 5.95

#### AUTOMATIC PHOTO-ELECTRIC LIGHT CONTROL



**Automatic Light Switch** 

• Turns Lights On At Sunset Off At Sunrise

Automatically turns lights on at dusk and off at dawn, Helps to prevent burglary, vandalism, and accidents, Just attach to lamp cord and plug into wall socket for automatic light control. Responsive only to daylight... car lights, flashlights, or lightning will not operate unit. For 1177 AC. 300 Watts, UL Listed. Shpg. wt., 34 lb. unit, For 117

#### LAFAYETTE 1000 WATT PHOTO-ELECTRIC LIGHT CONTROL

Turns Lights On At Sunset Off At Sunrise

Automatic Light Switch

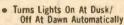


Only

.89

Automatically switches on house, office, or store lights at sunset and off at sunrise. Great for vacation time, or daily use. No need to come home to a dark house at night, Helps keep burglars away. No special wiring necessary—just plug into wall socket and plug lamp into jack. 1000 watt capability permits use of several standard lights—will brilliantly light an entire house. Brass finish illuminator measures only 3" in diameter. Supplied with a 6 ft. cord. Wt., ½ lb. 12 R 01029

#### AUTOMATIC OUTDOOR LIGHT CONTROL



 Easily Screws Into Fixture Socket

Helps prevent burglary ... vandalism ... accident by turning on all your outdoor lights at home, store, office, factory, signs, etc. Screws into any standard or floodlight socket. Compact, requires only 176" of additional clearance in fixture. Weather resistant. 300 watts. U.L. listed. Shpg. wt., 1 lb. 12 R 28527



#### PHOTO-ELECTRIC LIGHT CONTROL

· Easily Installs In Light Fixtures-Post Lanterns-Ftc

Now! Electronically protect your home in-minutes...photo electronic "Lamp Liter" automatically turns lights On at dusk, Off at dawn. Easily installs in driveway post lan-terns; yard lights around swimming pools, patlos, and gardens; or, in expose mounted knockout type switch boxes. Built-in time delay prevents accidental switching from auto headlamps or flashing lights. UL com-ponent listed for 120 voits 800 watts maxi-mum. Size: 1Hx1Wx2Y&\*D. Shog, wt., 6 oz. 13 R 64504 13 R 64504 Net 5.95

Lafayette Cat. No. 720

To Speed Your Mail Order-Please Give Your Zip Code Number

## Electronic Dimmers—Electrical Accessories

#### ELECTRIC OUTLET CONTROL



For Use in Home. Office. Industry

Mount on Bench or Walls, or Keep Portable

If you need extra outlets, you need this Electric Outlet Control Center. Has six Individual outlets with its own built-la fuse box. Finger-touch control on-off rocker switch with jeweled on-off indicator panel light. Heavy duty line cord for use in the home, office and industry too. Complete with mounting screws for permanent installation on wall or hands or will be the second of the control o on wall or bench, or use it as a portable con-trol center. For 110/120 VAC. 1500 watts, 15 amps. Less fuse. Imported. Shpg. wt.,

14 R 21031 Box of 5 15-amp fuses 13 R 11711

Net 5.95 Net .55

**DELUXE 6-STATION** ELECTRIC OUTLET CONTROL CENTER



- 7 Individual Finger-Touch Rocker Power Switches
- 7 Individual "Signal-Glo" On/Off Indicator Lights

Provides six isolated, fused three prong "U" Provides six isolated, fused three prong "U" type grounded outlets. Convenient for home workshops, counter tops, etc. Mounts on wall, bench, floor, or remains portable, Each outlet utilizes a switch and indicator light. Built-in fuse compartment gives complete equipment protection. Entire fuse panel pulls out for easy, safe fuse changing, Rating: 15 amperes at 100-120 volts AC (1800 Watts). 6 tf. 3 cond. heavy-duty cord. Size: 10. x 6W x 14-0.

14 R 21106 Shpg. wt., 21/2 lbs. Net 15.95 13 R 11679 Pkg. of 5 Fuses \_\_\_ Net \_.87

#### WAY POWER CONTROL



 Individually Switched Outlets With Indicator Lights

Switchable power outlet box for wall or bench mounting. Three individually controlled outlets, each with its own indicator light. Measures 4 x 2½ x 154". Equipped with 3 polarized receptacles, 3 toggle switches, 3 indicator lights, 6 ft line cord. Rated 5 amps at 1.25 volts AC/DC. Imported. Stpg. wt., 1 lb.

Net 2.99

#### **FUSED POWER** CONVENIENCE CENTER

295

- Mounts Anywhere-Bench. Walls, Floor
- 6 Fused Outlets Anywhere



LAFAYETTE **FLECTRONIC** LIGHT DIMMER CONTROL

95

2 Year Guaranteet



Push-On-Push-Off Dial Full Range—Total Darkness To Full Brightness

Enjoy modern lighting in any room in your home or office. Soft light for TV viewing, bright light for reading or working, Easy to use, dimming is continuous from off to full illumination. Push on or off at any light level. Fits into standard single gang wall box without rewring. Ivory plastic knob has brass finish insert. For 120 volts, 60 cycles AC. Operates incandecent lamps to 600 watt capacity. Highest quality—we will repair any defect due to material or workmanship within 2 years without charge. Simply ship to Lafayette prepaid. Shop. wt., 1/2 ib. Net 5.95

#### POWER CONTROL **OUTLET BOX**

Lafayette's power control center adds six,

Lafayette's power control center adds six, fused convenient outlets anywhere you choose. Designed to mount on walls, floor, benches, counter tops or for portable use. On/Off rocker switches and panel mounted On/Off indicator light. Built-in lived holder with replaceable 15 amp. fuse. Heavy duty 8-foot line cord. For 120 volts AC, 1500 walts. 15 amps. With Fuse. Imported.



**Protective Circuit** Breaker Six 3-Wire Outlets

99 R 92090 Shpg. wt., 1 lb. Pkg. of 5 fuses for above 13 R 11679

Only 250

... Net 3.95 Net .67

Designed to safely and conveniently deliver Designed to safety and conveniently deliver power to appliances, tools, lights, office equipment, etc. Easily mounted on wall, bench, floor, or kept portable. Six 3-wire "U" type grounded outlets controlled by one switch. Built-in circuit breaker protects equipment. Pilot light indicates when power is on, Regged steel case. Rating: 100-120 V AC/DC @ 15 amperes, Sizer 13½x2½x2½x2. 12 R 15508 Shpg. wt., 2 fbs. .... Net 8,50

LAFAYETTE ELECTRIC BELL



Ideal as a fire atarm, burglar atarm warning bell. Gives a clear, loud ring to overcome high level background noise. Gleaming chrome-plated bell on a sturdy plastic base. 110 volts: AC. Overall size, 444" across and 244" deep. Imported. Shpg. wt., 1 ib. Net 2.95

99 R 90235

LAMP DIMMER

 Easily Screws
 Into Standard Lamp Socket

Solid-state tamp dim mer eliminates special mer eliminates special wiring. Provides variable brightness to set a mood, TV viewing, etc. Turning lower section of dimmer selects light level from darkness to full bright. Lower intensity levels increase butb life and reduce electricity cost. For 1 or 3-way butbs up to

12 R 16506 Shpg. wt., 1/4 lb. Net 4.95

600 WATT LIGHT DIMMER CONTROL



- Continuous Light Control From Dim To Full Brightness
- Replaces Any Ordinary Switch in Minutes

Convenient on/off dimmer control for use in living room, dining room, bedroom, family room, etc. Soft lighting for TV viewing and relaxing, bright light for reading and working. Easy to install in any standard wall box without complicated rewiring. Operates incandescent lamps to 600 waft capacity, lvory plastic knob with brass finish insert. For 115 VAC 601 & Shop wet 1 lb. VAC, 60 Hz, Shpg. wt., 1 lb. Net 3.95

PORTABLE LAMP DIMMER

Use With Any

Incandescent Lamp Dial the exact intensity of light desired. Create a light mood in any room in your home. Full-wave feature allows continuous dimming of any light load up to 350-watts. Efficient electronic circuit saves you money—pay only for the light you use. With cord and special plug/receptacle. For 120 VAC. Gold Color.

13 R 27568 Shpg. wt., 11/2 lbs. Net 9.95

Depend on Lafayette For Everything in Electronics

## **Electrical Accessories**

#### UNDER-CABINET FLUORESCENT LAMP



Only 195

 Complete with Bulb Convenient AC Outlet

Ideal for shop or kitchen work counters. Can be mounted on the wall or under a shelf. Has white plastic diffuser, pushbutton switch, convenience outlet, cord and plug. With 15-watt bulb. White enamel finish. Size: 184x434

Net 4.95 Net 1.39

#### PROGRESS CEILING OF WALL FAN

Only . Ideal for Bathroom, Utility or Recreation Room 1 1.95 . Attractive Aluminum Grille

Utility ventilating fan of compact de-sign. Fits in "problem" areas such as shallow ceilings and partitions.

Quiet operation with a big 6", four blade fan with 60 cfm capacity. Vents to standard 3" round duct, built-in plaster frame and outlet box. Has removable aluminum grille and automatic back-draft damper. Fits between 2"x4" studding, Size: 4x734x9", Shpg, wt., 634 [bs] UL Listed 12 R 75551

#### Net 11.95

#### MINI BREAKER



· UL Listed-Not A Fuse

—A True Circuit Breaker Don't Replace -Just

Reset

Complete circuit protection—fits in stand-ard edison base fuse receptacle! Time delay for starting surges. Never needs replacing-just reset! Shpg. wt., 4 oz.

Stock No.	Amps	Net Each
12 R 70016	5	1.59
12 R 70024	10	1:59
12 R 70032	15	1.59
12 R 70040	20	1.59
12 R 70057	30	1.59

13 R 83041

#### CORDOMATIC PORTABLE OUTLET REEL

Provides light and power up to 20 feet from installation. Swivels 180° when wall mounted—360° when celling mounted. Detaches

13 R 83025 Shpg. wt., 53/4 lbs. Net 9.95 3-Wire Lite. As above but with 3-wire cord and plug. Shpg. wt., 5 lbs.

easily to change location. U.L. listed

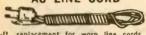
CORDOMATIC HANDY LIGHT

> As Low As 095

· Retracts automatically

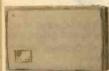
Cord pulls out to any desired length up to 15 feet ... locks into position ... automatically retracts when the reel is not in use 3-way outlet operates several appliances at once, Case: 642" dia., 144" thick. 10 amps. Shpg. wt., 3½ lbs. 13 R 83033 Net 9.95

#### AC LINE CORD



6-ft. replacement for worn line cords in lamps, radios, small appliances, etc. Plug at one end; other end stripped and tinned. Shpg. wt., 4 oz. Net each .39

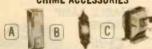
#### "THE WELCOME" FLECTRIC DOOR CHIME



Provincial White with Gold Leaf Trim 549

Contemporary design, blends well with any decor. Rich resonant tones; two-notes front door, one-note rear. Provincial white case, brushed brass plate and gold leaf trim. Installation instructions included, 44-May 17,4-W124-W2-D, Shpg. wt., 134 lbs. 12 R 48509 Net 5.49

#### CHIME ACCESSORIES



(A) POLISHED BRASS LIGHTED PUSH BUTTON. Surface mount, equipped with miniature electric bulb. No special wiring required. 12 R 48525For 6 to 16V. Wt., 4 az. Net 1.69 (B) "COLONIAL" LIGHTED PUSH BUTTON. Solid pollshed cast brass with lighted push button center. No special wiring required. 12 R 48533 Wt. 3 oz. (C) "QUICK MOUNT" SIGNAL TRANSFORMER for bells, buzzers, chimes. Thermal Switch prevents overload. Rated 16v., 10-W.

12 R 48541 UL listed, Wt., 13 oz. Net 3.19

#### INDOOR-OUTDOOR **EXTENSION** CORDS



2-Wire and 3-Wire, 16 Gauge 10 Amp Heavy-Duty Round Cord With Molded Connectors

Use indoors and out, with power tools, refrigerators, mowers, fans, etc. All are 16-gauge, 3 cond. cords have 3 prong plug. \* 2-conductor 

† 3-conductor.

Stock No.	Feet	Shpg. Wt.	Net
12 R 25010*	25 ft.	2 lbs.	1.95
12 R 15011*	50 ft.	334 lbs.	3.29
12 R 34020*	100 ft.	61/4 lbs.	5.95
12 R 34038†	25 ft.	2 lbs.	3.19
12 R 25028†	50 ft.	334 lbs.	5.49
12 R 34046†	100 ft.	71/4 lbs.	8.95

#### TAP-A-LINE

As Low As 1 95

A must for use in areas having a limited number of outlets, Permits the use of as many as 8 different appliances at one time Easy to install or use unmounted, Rated at 1000 watts. Vory colored tough plastic 12" long by 1" square. Four foot heavy cord and plug. Shpg. wt., ½ lb.
12 R 47014 Net 1.95

Net 3.19

Same as above but 2 feet long. 12 R 47022

#### VINYL PLASTIC ELECTRICAL TAPE



 UL Listed 60 Ft. x 3/4"

.008 in, Thick • 10,000 V. Breakdown

First quality, pressure sensitive polyvinyly chloride tape. Extremely high dielectric strength of 10,000 breakdown. Insulation resistance of one million megohms. Over 150% elongation at break. Excellent resistance against acids, alkalis, oils, salt water, etc. Tensile strength of 15 lbs. per in, High conformability. Forms tight, smooth protective wrap, imported, Shpg. wt., 6 oz. 98 R 80152 99 R 80152 Net .79

#### LARGE PLASTIC TAPE KIT:

10 rolls of vinyl plastic tape. Each roll 33 ft. by ¾4". 1 ea. of Red, white, sky blue, blue, grey, yetlow, brown, green, black and orange. Shpg wt., 1½ ibs. 99 R 80301 Net 2.89

#### DEARBORN CIRCUIT MONITOR



 A Must for Maintenance Men, Homeowners, Trailer Users, etc. Detects faults instantly. Checks proper wiring of 3-wire outlets. Prevents dangerous shocks from the beginning, at your wall outlet. Indispensable for safe operation of appliances, power tools and office machines. Easily used by homeowners, service men and obstations are presented to the safe of the electricians, no meters necessary. Detects whether or not proper ground and AC polarity are available. Just plug into outlet, coded ity are available. Just plug into outlet, coded lights tell exactly what circuit condition is present: circuit OK, improper ground, improper neutral, reversed polarity, reversed ground and power, and power off.

12 R 73002 Shpg. wt., ½ lb. Net 5.95

#### REMOTE CONTROL

. For TV, Hi-Fi, Lamps, etc.



Turn any 110 volt appliance on and off with-out getting up from your chair or bed. Control your TV, radio, hi-fi, lamp, fan, appliance, movie projector, tape recorder, phonograph, etc. Nothing to connect—just plug it in. Easy fingertip control with handy input push switch long 15-font cord makes. in-out push switch. Long 15-foot cord makes it Ideal for TV viewing when you're confined to bed. Imported. Capacity—750 watts. Shpg. wt., 4 1/2 1b. Net 1.95

## Flashlights-Lanterns-Fire Extinguishers

#### BURGESS SAFARI LITE FLUORESCENT LIGHT SAFE-BRIGHT.

 AC or Battery Operation

· Hi-Lo Switch with batteries.

Efficient battery powered light-weighs only Efficient pattery powered light-weight on a compact 9 lbs. yet delivers plenty of bright light for use in tents, trailors, boats, patios, etc. Especially useful during emergencies, Two light levels are provided for brilliant or low intensity Illumination, Operates on batteries for only pennies per hour. Bullt-in 110 volt circuit permits use with standard AC current. Attractive polystyrene case and handle complemented with gleaming stainless steel trim. Size: 123/4Hx4Wx73/4"D

13 R 80567 Shpg. wt., 114 lbs. Extra batteries for above (2 required). Wt., 31/8 lbs.

12 R 10079 FBT5CW Replacement Bulb



of 2 7.66 1.55

Net

GARLAND RECHARGEABLE DELUXE SPORTSTER LANTERN

- Sealed Beam Light
- Powerful 13.000 Candle Power



Never buy batteries again with this smartly styled rechargeable sportsman's lantern. Portable sealed beam rechargeable lantern for camping, boating, car or home use. 13,000 candle power. Adjustable carrying handle also converts to stand. For easy recharging, cord plugs into 110V AC outlet or lantern charges on 12V car or boat batters. Each user an adjustable carrying the control of the control battery, features an adjustable handle that locks in any position.

Handsomely finished in navy blue with silver trim. Operates on nicket cadmium batteries with 110 VAC built-in charger. Size: 34x7x5\4". Shpg. wt., 2 14 R 14531

#### KIDDE 234 LB. DRY CHEMICAL FIRE EXTINGUISHER

 Rated 6 B:C Coast Guard. ICC, and UL Listed

ILU, and UL LISTED
Extinguishes flammable liquids, grease and electrical fires. Powerful 234 lb. pressurized extinguisher meets marine and other requirements: Easy one-hand operation, Built-lin pressure indicator can be read at a glance. Non-toxic dry chemical won't Injure fabrics, etc. Tamper-proof lock. Meets Coast Guard and ICC specifications. UL listed. Rated 6 B:C. Corrosion resistant construction, 14H x 3" diam. Shpg. wt., 5 lbs.
13 R 45040

DISPOSABLE RECHARGE CYLINDER: Recharges extinguisher in minutes. Shpg. wt., 434 ibs.
13 R 45057 Net 5.95

#### JET ACTION HYDRO-PUMP FIRE EXTINGUISHER

· For Auto, Home, Boat

With Wall Bracket

Extinguishes oil and grease fires, chemical fires electrical fires, wood, paper, and plastic fires. Chemically smothers fires in seconds that water cannot control. Just aim and pump. Put a unit wherever a fire is likely to start. Keep one ready in your kitchen, basement, bedrooms, and car. Complete with "Quick-Disengage" wall mounting bracket and hardware, Imported. Shpg. wt., 13/4 ibs

14 R 21064

Net 2.95

#### DELUXE RECHARGEABLE FLASHLIGHT

Slim, handsomely styled, flashlight with strong spotlight beam. Never needs batteries strong spotlight beam. Never needs batteries Works on two long-lasting nickel cadmium power cells. Just remove cap and plug Into any 110V AC wall outlet for a few hours. Smartly sized, tapered body fits in purse, travel bag or brief case. Length 5½"; lens diameter 2½". Shpg. wt. 8 oz.

12 R 64043

32 R 66038 PR-4 Repl. Bulb Net 25 "SUPER POWER" SEALED BEAM SEARCHLIGHT

For Campers, Truckers, Hunters

Deluxe, all purpose searchlight with long range GE 4546 sealed beam. Penetrates heavy forg and the darkest nights. Operates on "D" batteries. Chrome finish. Shog. wt.,

12 R 64084 Batteries for above, (4 required.)
99 R 62564 Net ea.

#### DELUXE POWERHEAD LANTERN WITH EVEREADY BATTERY

Extra large power beam from huge bright chrome 44%" head, For motorists, home owners, sportsmen, campers, 6-postition warsing blinker arm telescopes into contour handle. Separate swritches; gleaming chrome, sturdy steel construction. With bulbs and 6 volt battery. Shpg. wt., 534 lbs.

12 R 64092

Net 6.95

GARLAND "STANDBY" LIGHT

Plugs Into any ordinary AC outlet. When electricity falls the "standby" goes on illuminating its area with a powerful beam. Eliminates many problems encountered because of sudden darkness. Powered by rechargeable nickel-cadmium batteries. "Standby" incorporates its own built-in recharger. Always ready for emergencies. You never buy batteries again. May be used as an extra powerful flashlight when and where you need it Shop w 15 the you need it, Shpg, wt. 3/4 lb. 14 R 14515

Net\_13.95 FLEXIBLE NECK INSPECTION LIGHT

## For use in any position. Perfect for hard

For use in any position. Perfect for hard to see areas in servicing TV's, Mi-Fi's, Auto and heusehold appliances. Battery powered, with flexible chrome-plated neck and high intensity light beam, that puts the light where you want it. Durable plastic case with handy metal loop for hanging, Uses 2 "C" cells. Complete with extra bulb, Imported. Shpg. Wt., 1/5 lb.

13 R 27501 Net 3.29 Batteries for above (2 Req.)

99 R 62572

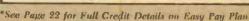
#### SMOKE AND HEAT DETECTOR



 Photo-Eiectric Cell Operates as a Radar Beam to "See" and Detect 2% to 4% Smoke Obscurity

A Powerful Buzzer Built-in Unit

The Model SM-5 Smoke and Heat Detector contains an automatic The Model SM-5 Smoke and Heat Detector contains an automatic smoke detector, automatic fire alarm sensor, and a powerful buzzer. Ideal for home, business, office. This alarm unit protects by "seeing" smoke and "feeling" heat or fire in its earliest stages and sounding the powerful buzzer. Completely transistorized. Indicator light has a 70,000 hour life. It "feels" (senses) heat at 135°F. Operates on less than 3 cents of electricity per month. Size: 4¼4" x 4¾" x 2½". For 110-120 VAC or 220-240 VAC. Shpg. wt., 1¼ lbs. 14 R 13517 No Money Down\*



Net 16

## **LAFAYETTE Techni-Timer**

Makes Any Lamp or Appliance Completely Automatic

• Turns Lights On and Off When You're Away-Discourage Prowlers

No Special Wiring—Just Plug In-

Handles Loads Up To 1875 Watts

• Can Be Set To Skip-A-Day • 1 Year Guarantee

The Lafayette Techni-Timer makes practically everything electrical automatic. Turns radios on and off. Does not have to be reset each night. Defrosts refrigerator, controls roaster. electric blanket, fans, coffee-makers, phono-graphs, etc. Turns your home lights on and graphs, etc. Turns your nome lights on and off automatically while you're away. Repeats cycle every 24 hours—no need to reset. Minimum ON time 15 minutes, maximum ON time, 23-hours. Minimum OFF time 1-hour, max. OFF time, 23-hours 45 minutes. Easyto read-24-hour dial. Can be set to skip-a-

day operation and, controlled manually withday operation and, controlled manually with-out automatic reset. Attractive design. For shelf, table or wall mounting. With 6 ft. cord, plug and receptacle for equipment to be controlled. Highest quality—we will repair any defect due to material or workmanship within 1 year without charge. Simply ship timer to Lafayette prepaid. 5Wx4Hx24/2\*\*D. Capacity 15 amps., 1875 watts, 125v., 60Hz. UL/CSA listed. Shpg. wt., 13/4 lbs.

13 R 01407

Net ea. 7.95



#### LAFAYETTE PLUG-IN 24-HOUR TIMER

Automatically Turns Lights On and Off When You Are Away

Handles Up To 875 Watts
 Gives Your Home A "Lived-In" Look . . .

Discourages Prowlers

No Wiring Required

A compact cordless convenience A compact cordiess convenience . . . Pugs directly into wall socket. Finger-tip control allows you to set and forget it. Once desired "on and off" times are set, plug in lamp, radlo, or fan, etc.—up to .875 Wafts and the automatic timer takes over . Resets automatically. Maximum "on" time—21½ hours; minimum "on" time—2½ hours. Highest quality—we will repair any defect due to material or workmanship within 1 year with-out charge. Simply ship timer to Lafayette prepaid. Capacity: 7 Amps, 875 Watts— 125V, 60 Hz. AC. UL/CSA Listed. Size: 234"x 34"114". Shpg. wt., 2 jbs.

Net 5.95



Intermatic TIME-ALL Turn Lights and Appliances

On and Off Automatically
Finger-tip control plus angled face
for easy access and viewing. Attractive, walnut grain panel with
champagne white case goes with any
decor. Wake up with music, TV, or
even fresh coffee, start air-conditioners before you arrive home. Can
also be used to defrost refrigerator.
Does not have to be reset each night.
Easy-to-read AM and PM dial for full
Abur period. Can be controlled
manually, Plug-in receptacle for equipment to be controlled. Minimum "ON"
time: 15 min. Maximum "OFF" time:
23 74.45 min. Capacity:15 Amps. 1875
Size: 34x44x31/2". UL listed and CSA approved. Shg. wt., 11/2 ibs.
Net 9,77 On and Off Automatically

13 R 27584



Fits into Existing Wall Outlet or Wall Switch Box

Smartly styled wall timer with finger-tip control. Installs easily in Smartly styled wall timer with tinger-tip control, install seasing in standard, single outlet wall box. Automatically controls air conditioners, lamps, radios, coffee makers, and any other plug-in appliance. Can also be used for wall switch operation to control porch and post lights. Resets automatically, 1 timed AC outlet and 1 AC outlet completely independent of timer. May also be used manually. Minimum "O'N" time: 15 min. Maximum "O'F" time: 23 hr. 45 min. Capacity: 15 amps. 125 volts, 60 Hz. Compact, only 1¼" above wall.

13 R 27576 Pearl white nousing. Shpg. wt., 11/2 lbs.

Net 9.95

WESTCLOX 24 HOUR CLOCK AND SWITCH TIMER

 Turns Lights, **Appliances** On and Off



Beautiful electric clock/timer makes any appliance completely automatic while serving as a timepiece, complete with a sweep second hand. Just plug the appliance into the timer and plug the timer into hand, Just plug the appliance into the timer and plug the timer the the wall outlet for instant operation. Will repeat one on-off cycle per day without resetting or may be manually switched. Unlimited applications! Handsomely styled wood tone case with gold color spun aluminum dial, Handles appliances up to 1800 watts (15 amperes). For 117 VAC. UL Listed. Shpg. wt., 2lbs.

Net 12.95 Net 12.95 13 R 56500



#### PARAGON° TIMITE° MINIATURE 24-HOUR TIMER

· Installs in Walt Switch box.

 Automatically Turns on Night Lights— Yard Lights, etc.

MODEL 101 compact time control Ideal for window displays, night lights, yard for window displays, night lights, yard lights, etc. Provides one on-off operation per day with minimum setting of two hours. Has manual trip lever. 24-hour dial is divided into 30 minute segments for easy, accurate setting. Fits over 3U.S. standard single gang handy box. Size 4½-74x24x-74x34x-70. Capacity: 15 amp. non-ind., 1800W, 1 MP. 12 amps., full load. For 120V., 50 Hz. UL and CSA listed.

13 R 17510 Shop, wt., 134 lbs, Net 9,95



## **Precision Timers for Home and Industry**

#### LAFAYETTE TV TIMER CONTROL



- · Simple to Use-Just Plug In
- 500 Watt Capacity with 15' Cord

Now you can fall asleep while TV is still on! No need to wake up and turn it off ... the TV Timer Control turns off your TV set automatically. Simply plug the TV into the Timer Control, and the Timer Control into the wall outlet. Then turn the dial to choose the automatic "turn-off" time ... from 5 minutes to one hour. The 500-waft capacity makes it ideal for use with most other household appliances—radio, hi-fi, tape recorder, tamp, patio light, electric blanket, heating pad, hair dryer, etc. With 15' cord. Imported Shop wt 1 lb. Imported. Shpg. wt., 1 lb. 00 0 00700

#### AUTOMATIC PORTABLE AIR CONDITIONER TIME SWITCH



- · Come Home to Cool Comfort
- . With 5 ft. 3-wire Cord and Ground Recentacle

Turns air conditioners ON and OFF automatically without costly installation. 24 hour cycle with minimum setting of 2 hours between ON and OFF operation, Capacity: 12 amps full load at 120VAC, Beige case, Size: 236x45x87245\*\*\*D.

13 R 17577 Model AC1-0, 120V Wt., 21/4 lbs. 13 R 17585 Model AC-4-20, 208-240 V

Net 11.95

#### 5-HOUR "RINGER TIMER"



- Portable "Alarm Type" Timer
- Rings From 1 Minute to 5 Hours

An indispensable aid for your everyday timing needs—cooking, photography, phone calls, etc. Loud long-ringing bell signals the end of the preset time period. Has an easy-to-read, crystal covered black dial with bold white numerals, gold hour dividers, and a red dial window to show the hours from 1 to 5. Housed in an attractively dial window to show the nours from a to 5, noused in an attraction styled high-impact white plastic case, From England, Shog, wt., 34 lb.

#### SWISS POCKET TIMER

Set It and Forget It
 Buzzes at Any Pre-Set Time up to 120 Minutes

Avoid parking tickets, late appointments, etc. Avoid parking trekets, late appointments, etc. Also use as a timer on phone calls, cooking, photography, etc. The 120-minute dial is marked in 5 minute intervals. To operate, just set the dial to the time wanted and the buzzer will sound off when the pre-selected time has elapsed With handy key chain. Shpg. wt., 1/4 lb.

#### INTERMATIC TIMING MOTOR



Self-starting synchronous motor with life-time lubrication, Geared to 4 clockwise revolutions per hour. Will retain constant speed even under line voltage variations of 25%. Torque toad 5 oz. in. maximum. Shaft Ve"Lx%" dia. For 110-120 volt 60 Hz AC Shpg. wt., 7 oz. 13 R 27246 Intermatic W-160 .. Net 4.50

#### **RHODES MARK-TIME SWITCHES**

## A TIMED EXTENSION CORD For Hi-Fi TV, Fan

And Other Small Appliances And Utner Small Appliances
An automatic time switch, extension cord,
convenient outlet. Timing range up to 4
hours, with manual "Hotd" feature. Easy to
operate—plug it into any walf outlet, connect one, two or three devices to be controiled, and turn the knob to the time period
desired. At the end of time period, the electricity is turned off automatically. 6-foot
cord. 10 amps.-120 VAC, U.L. listed, wt., 1 tb. 13 R 85012

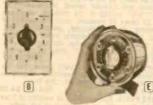
#### B FOR WALL BOX INSTALLATION

A dependable and versatile time switch to automatically turn off attic fans, porch and garage lights, window fights, heating units, etc. at any preset time. Has special HOLD featurer turn of knob cuts out timing mechanism and allows unit to be used as a regular toggle switch. Capacity 20 amps, 125 voits AC. U.L., CSA listed, Satin-chrome diai 4½-HX. 3"W; switch 2½-HX14-WX114"D. Fits any standard certangular wall how with 11h standard rectangular wall box, wt., 1 lb. MODEL 90024-time range up to 1 hr. 13 R 85020 Net 5.99 Model 90015-to 12 hours, wt. 34 lb. Net 5.99

#### CIPHOTOGRAPHIC TIME SWITCH

It's easy to control accurate timing on photographic developers, enlargers, and photocopy equipment by plugging them into the convenience outlet on this lnexpensive unit. Adjustable stop makes repeated settings-Adjustable stop makes repeated settings— even in total darkness—easy and foolproof. Times up to 60 seconds, then automatically shuts off current. May also be used as "on-off" switch when tliming is unnecessary. Rated 15 amps—125 volts—A.C. UL and CSA listed. Shgs. wt., 1½ lbs. 13 R 85046 Model 78174 Net 7.88







#### BUILT-IN INDUSTRIAL TIME SWITCH

Easily panel mounted or installed in a 4" octagon switch box using the adapter plate. May be used in conjunction with thermostats to time control zone heated areas. Versatile SPDT construction permits switch to be wired for either "an" or "off" type operation. Rated at 20 amps. 125V/240V AC. UL and CSA listed, 34 lb.

13 R 85079 15 mln. 13 R 85087 30 min. 13 R 85103 60 min. Not & SE ADAPTER FOR 4" Octagon Switch Box 13 R 85095 Shpg. wt., 8 oz. Net .3

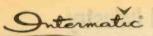
#### E 2-SPEED PRECISION TIMER

• For Precise 1 Second To 1 Hour Timing In The Home, Office and Laboratory

Indispensable for timing precise, short oper-Indispensable for timing precise, short operations such as boiling eggs, pressure cooking, heat and sun lamp treatment, home permanents, photo developing and printing, long distance calls, etc. Times up to 6 minutes in seconds and up to 1 hour in minutes. Exclusive 2-speed feature permits instant timing speed change by filck of a lever. A bell sounds at end of timing period. Smartly styled in white with dial face a rich concer. styled in white with dial face a rich copper tone. 4 x 2½". Shpg. wt., 1 lb. 13 R 85053 Model 2130

#### F UTILITY HOUSEHOLD TIMER

This reliable, low-priced timer in a neat durable white plastic case has innumerable bousehold timing uses, i.e., cooking, baking, home permanents, games, remembering appointments, IV and radio programs, etc. Times any interval up to one hour accurately and gives resonant bell signal at end of period, 3½ x 3 x 1½". Shpg. wt., 3/4 ib. 13 R 85061 Model 29001 Net 3.25



## Intermatic Time Controls - Clock Timer



#### PORTARIE INTERVAL

- Control Operating Time of Household Appliances
- Time Range: 0-60 Minutes
- . Minimum Setting: 1 Minute

MODEL PT-301 Easy-to-use—just plug timer into outlet, connect appliance and set the large easy-to-read dial to the desired operating time. Appliance begins operation immediately and stops at pre-set time. White case with walnut trim, For 120 volts 60 Hz. AC only, 1875 watts max, UL listed. Size: 5W x 4H x 3\*D.

13 R 27535 Shpg. wt., 1 lb.

Net 7.95

MODEL PT-304 Similar to above but 0-24 hours. Minimum setting

13 R 27543 Shog. wt., 1 lb. Net 7.95

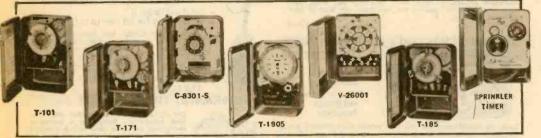


#### FLECTRIC CLOCK AND APPLIANCE TIMER

**195** 

Tells time and turns appliances on and off

Model A-401-4 not only tells time, but turns appliances both on and off automatically for periods of 15 minutes to 5½ 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 1875 watts. Special alloy "T." Plaskon case 4¾w4¼4½x12¼°D. 6 ft. cord. For 110V 60 Hz. U/L Listed. Shpg. wt., 2¾ lbs. 13 R 27170



#### TYPE T101 TIME SWITCH

Turns equipment "on" and "off" once in 24 hours, or from 1-12 "on" and "off" operahours, or from 1-12 "on" and "off" opera-tions a day can be obtained by use of extra trippers—can be added without removing dial, Min. on or off time 1 hr., max. 23 hours. Can be turned on or off manually with reset SPST switch rated at 40 amps. 4375 watt ca-pacity. Mounting holes and knockouts. Gray steel case. UL Listed, Operates on 110 volt 60 Hz AC, 734Lx5Wx3"D. Shpg. wt., 3¼ lbs. 13 R 27022 TYPE T103. Same as above, but with DPST ewitch

13 R 27600 Net 12 64

TYPE P101. Similar to T101 except but with 6 ft, cord set and receptacle. Capacity 1250 watts. Shpg. wt., 342 lbs.

13 R 27030

TYPE P101-300. Same as P101 but with 3-wire cord set and receptacle. Recommended for Air Conditioners. Shpg. wt., 33/4 lbs.

Net ea. 13.94

## TYPE T171 "SKIPPER" TIME SWITCH

"SKIPPER" TIME SWITCH
Automatically Turns equipment on or off
skips operations on any selected days. Ideal
where offices or factories are closed on Saturdays, Sundays or Hollidays. 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 below. With 3 skipping screws; more
can be added 1 cut out tripper advances day
dial automatically. Min, on or off time 1
hour, maximum 23 hours. Cap. 4000 walts.
74x5x3". U/L Listed, Shpg. wt., 4 lbs.
For 110-120V 60 Hz AC. SFST — Skips "ON"
Operation. Shpg. wt., 344 lbs. Operation. Shpg. wt., 344 lbs.

13 R 27063

Net 14.59 Type T175 — SPDT, Opens one circuit and closes another, Skips either "ON" or "OFF" operation. Shpg. wt., 31/4 lbs.

13 R 27071

Net 15.89 Type P171 — Portable Plug-in version of Type T171. Capacity 1250 watts (contacts Shpg. wt., 33/4 lbs. Net 15.89

TYPE C-8301-S CYCLER TIMER

Up to 12 sets of ON-OFF trippers provide re-Up to 12 sets of ON-OFF trippers provide re-peated operations. ON operations may range from 10 sec. to 11 min., 10 sec.; OFF from 50 sec. to 11 min., 50 sec. Dial makes com-plete revolution every 12 minutes. Ideal for ventilating fans, pumps, process timings. etc. SPST, rated at 15 amp. For 110-125v. 60 Hz AC. U/L Listed. Case 6½x5x3" with 2 comb knockouts on bottom.

13 R 27188 Shpg. wt., 2% lbs. Net 11.67 EXTRA SET ON-OFF TRIPPERS FCR C-8301-S 13 R 27196 Shpg. wt., 2 oz. Net

#### PROGRAM TIMERS

1-96 OPERATIONS **EVERY 24 HOURS** 

TYPE 7-1905. Designed for applications re-TYPE T-1905. Designed for applications re-quiring many ON-OFF operations. Can be set for as many as 48 ON and 48 OFF operations during any 24-hour period. Minimum "ON" or "OFF" period is 15 minutes; maximum is 23 hours 45 minutes, Ideal for control of heating, air-conditioning, ventilating, etc. Has SPDT switch, Contacts rated to handle 20 amps at 125 volts, For 105-125 V; 60 Hz AC, U/L Listed, 74x5x3", Shpg. wt., 344 lbs, 13 R 27139

TYPE T1975. Same as T1905 above, but has "Skipper" feature for omitting operations on selected days. Shpg. wt., 314 lbs.

Net ea. 25.32 13 R 27360 TYPE P1971. Portable Plug-in version of Type 1975. Contacts rated 10 amps at 125 volts 60 Hz AC. Shpg. wt., 342 lbs. 13 R 27147 Net 27.59

#### 7 DAY PROGRAM TIMER

Provides a different program each day of the week, with up to 4 on-off operations per day. 3-hour minimum between operations, 4PST rated 20 amps. per pole. 110-125v 60 Hz AC. Steel case, 10%x7%x3%". Grey linish. 42"-%" knockouts. 7 sets of trippers. U/L Listed.

Shpg. wt., 634 lbs. Type V26001. Net ea. 25.64 TYPE V26003. As above, but 4P: 2NO-2NC. Rated 40 amps, per pole.

Net ea. 25.64 13 R 27345 Set ON-OFF (1 ea.) trippers for either above 13 R 27352 Shpg. wt., 2 oz. .. Net

#### TYPE T185 TIME SWITCH

For applications where multiple "on-off" cycles of 5 to 60 minutes are required in a 24 hr. period. A minute selector on each specially designed tripper sets the number of minutes, (5 to 60), the "on-off" cycle will of minutes, (5 to 60), the "on-off" cycle will operate. Up to 12 combinations can be used at the same time, Minimum interval between start of each cycle, 1¼ hrs. rated 40 amps, 4375 watts, 125 volts, AC. 7347533". With 3 trippers (for 2 "on-off" Mz). For 110-125 volts, 60 Hz AC. U/L Listed, Shpg. wt.,

13 R 27048 13 R 27048
Extra Trippers for above. One Tripper for each additional "on-off" cycles. Wt., 4 oz.
13 R 27055
Net 1-35

#### "SKIPPER" 3 CIRCUIT SPRINKLER TIMER

THE INTERMATIC lawn sprinkling system time THE INTERMATIC lawn sprinking system time controls permit completely automatic preprogrammed watering of up to 3 zones. A 24 hour time dial can be set to initiate sprinkling any time during the day white skipper wheels serve to eliminate watering on selected days. Time durations per area are adjustable from 5 to 60 minutes. May be manually operated. Rated at 120 volts. 60 Hz, 5 amps. Gray hammertone case measuring 73/4x5x3". U/L Listed. Shpg. wt., 344 lbs. TYPE LS-7041 14 DAY SKIPPER

#### SWITCH ACCESSORIES

13 R 27592

TRIPPERS—Set of ON-OFF units (one for each) for all models except T185, C8301S, T1905, P1971, T1975 and Sprinkler Timer.

Shpg. wt., 3 oz. 13 R 27097 per set .....

COMB. ON-CUTOUT TRIPPER, For "Skipper" types only 13 R 27105 Shpg. wt., 3 oz.

SKIPPING SCREW. For "Skipper" types only. 13 R 27113 Shpg. wt., 2 oz. Net .08

## MINI- CYCLE and FUNKART

## Fun For The Whole Family

#### DELUXE 3 HP MINI-CYCLE #

- · A Breakthrough in Minibike Design
- · Features Variable Speed Torque Converter

AS LOW AS

A new concept in minibikes, Features 3 H.P. Tecumseh engine, single loop heavy gauge 1½" steel frame, chrome plated handlebars, rear shock absorbers, remote gas tank. Chrome wire wheels with sealed ball bearings and 17" diameter "motorcycle" knobby tires. A rugged, variable speed torque converter transmission with 13:1 to 4:1 ratio and new "cycolac" torque converter protective cover; motorcycle roller chain, Rear internal expansion brake system with 5" alumhum drum. "Motorcycle" byc twist throttle control; full kickstand and footrest. Handlebar mounted engine "stop" button. Metallic paint finish with oversized seat, 41" Wheel Base, 56" Overall, 25" Width; 7½" Ground Clearance, Shpg. wt., 105 lbs.

13 R 68586XZ see note below

13 R 68596XZ see note below 4 H.P. MINICYCLE-SIMILAR TO ABOVE. Shpg. wt., 110 lbs.

13 R 68604XZ see note below Net 279 95

#### "FUNKART" WITH 3 HP SILVER STREAK ENGINE ‡

This "Funkart" is where it's at! Heavy gauge cold-rolled steel tubular frame—Argon Sigma welded. All steel full width hub wheels with sealed ball bearings and all steel fully automatic clutch, Vinyl coated seated ball bearings and all steel fully automatic clutch. Vinyl coated control cable clamps and aircraft type vibration-proof hardware assure lasting preformance. Tecumset Silver Streak industrial engine is rated at 3 H.P., Rack steering with chrome steel "mag" steering wheel, control pedals, control rods, "mer bars", and tie rods, Steel mini chainguard. Adjustable dual friction brakes. 62" Overall, 49½" Wheelbase, 36½" Width, 4" Road Clearance. Bright Metallic Blue with Vinyi Uphoistery. Shog. wt., 135 lbs.

13 R 68612XZ soe note below. No Money Down".... Net 218.95

MINICYCLE AND FUNKART SHIPPED F.O.B. HACKENSACK, N. J. NO C.O.D. SHIPPING CHARGES COLLECTED ON DELIVERY SEND FULL REMITTANCE, OR USE LAFAYETTE'S EASY PAY PLAN\*



# 11995

#### 5.5 CU. FT. REFRIGERATOR

MODEL BAR-SF small refrigerator for apart-MODEL BAR-SF small refrigerator for apartment, home, or office, Walnut grain faminate plastic top and front, coppertone sides and chrome trim. Deluxe features: 2 removable, adjustable chrome shelves, 1 heavy duty chrome trimmed glass shelf, full sized across-the-top frezer, adjustable thermostat, large tinted crisper, in-door storage racks, magnetic door catch. Hermetically sealed compressor unit. Interior light. Imported. For 110 VAC, 60 Hz, 34Hx20Wx23\*\*D. 13 R 32790XZ Wt., 115 lbs, Net 119.95

13 R 32790XZ Wt., 115 lbs. Net 119.95 Similar to above, jaminated top only standard interior, white finish. Shpg. wt., 115 lbs.

13 R 32806XZ No Money Down\* Net 104.95 MODEL FRZ-55 5.5 Cu, Ft, FREEZER ONLY Holds up to 195 lbs, frozen food, Appearance similar to BAR-5F above,

13 R 32824XZ Wt., 87 lbs.



#### 2.2 CU. FT. COMPACT REFRIGERATOR

Compact refrigerator holds 2.2 cu, ft. (Including freezer), Ideal for small apartments, campers, or boats, Freezer accommedates 2 lee cube trays, Features in-door storage rack ice cube trays. Features in-door storage rack and egg bolder; 2 deep, removable adjustable shelves; hermetically sealed compressor unit, and 7-position thermostat and magnetic door catch, White finish, Operates on 110 VAC, 60 Hz. Imported, Size: 18Hx19H/2Wx18"B, Shpg. Wt., 65 183. No Money Down\*

13 R 32766XZ Net 74.95

Similar to above in coppertone finish Net 79.95 14" walnut legs for both of above (4). 13 R 32782Z Shpg. wt., 2 lbs. Net 4,95

2.2 and 5.5 Cu. Ft, Models Shipped FOB Newark, N.J. No C.O.D., Send Full Remittance Or Use LAFAYETTE'S EASY PAY PLAN", Shipping Charges Collected On Delivery.



#### **COMPACT PORTABLE REFRIGERATOR**

Works On Both 110 Volts AC and 12 Volts DC

Lightweight .62 cubic foot portable refrigerator perfect for use in autos, trailers, boats, or on picaics. Interior measures 12" x6"x10" and features an all white porcelain body. Plugs into cigarette lighter or AC outlet. Stores all types of food with the convenience of a home refrigerator, Ice tray for making ice on AC, Quiet operating absorption system, no disturbing compressors or motors. Fits almost anywhere. Outside dimensions are 14%Wx12½Bx13"M. Migh Impact housing, complementary blue top. With AC and DC power cords and ice tray, Shge, wt., 23 ibs. power cords and ice tray, Shpg. wt., 23 lbs.

13 R 32816W no Money Down' Net 74.95

## SPECIALTY SWISS WATCHES



#### Digital Calendar Wrist Watch

- Gives You The Hour,
   Minute And Date At A
   Glance
- · Sweep Second Hand
- . Shock Resistant

Digital watch shows hour, minute, and date in large, easy-to-read red and blue numerals. Great for any-one who must account for time at a glance ... pilots, rally drivers, etc. Striking dial features sweep second hand and incorporates an automatic calendar, Precision antimagnetic Swiss movement has unbreakable mainspring. Beautiful gold tone finish case with genuine lizard strap, imported. Shgs. wt., 14 oz.

13 R-31362L ... Net 14.95



## Self Winding 17 Jewel Day and Date Calendar Watch

- Shows The Day And Date At A Glance
- Shock Resistant

Deluxe self winding Swiss crafted watch automatically indicates the day of the week and the date. Precision 17 jewel movement is water resistant, antimagnetic and features an unbreakable main spring. Handsome 10 micron gold filled case with stainless steel back. Complete with a genuine lizard band. Raised gilt numerals on white face dial with sweep second hand. Shog. wt., 8 oz. 13 R 314121. Net 29.95

#### Double Button Chronograph Watch

Shock Resistant

Superb Swiss made chronograph serves six timing functions in addition to telling time. Can be used as a tachometer for measuring speed, a telemeter for measuring the distance of sound, an elapsed timer for sports events and scientific experiments, a parking timer, a production timer, and a stop watch with a 30 minute register. Precision movement is shock resistant, water resistant, antimagnetic, and has an unbreakable mainspring. Sweep second hand. Luminous dial and hands. Chrome case with stainless steel back. Complete with stainless steel band. Shpg. wt., 13 oz.

Net 17.95



# Deluxe 17 Jewel Double-Button Chronograph Watch

. Shock Resistant

Precision made 17 jewel Swiss chronograph is ideally suited for accurate elapsed timing of sporting events, scientific experiments, etc. Features a tachometer for measuring speed, a telemeter for measuring the distance of sound and a stop watch with a 45 minute register and a sweep second hand. Accurate, dependable movement features an unbreakable mainspring. Water resistant, dustproof and antimagnetic. Bright chrome case with a stainless steel back, raised numerals, and a genuine leather strap. Shpg. wt., 13 oz. 13 R 311311.



## Wrist Alarm Watch

- Automatic Reminder Anytime
   —Anywhere
- Shock Resistant

Handy Swiss made wrist alarm watch that never lets you forget appointments, parking meters, cooking, etc, Features an unbreakable mainspring for long trouble-free wear. Antimagnetic. Smartly styled gold tone case, with stainless steel back, has a luminous dial and hands for easy night reading. Sweep second hand on attractive dial face with gilt numerals and markings. Complete with a genulne lizard strap. Shog. wt., 8 oz. 13 R 314381. Net 14.95



## Deluxe 17 Jewel Calendar Wrist Alarm Watch

- Automatic Reminder Anytime—Anywhere
- Shock Resistant

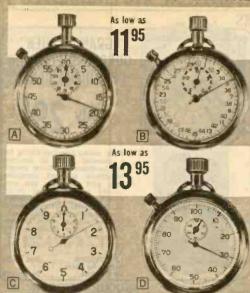
Swiss made wrist alarm serves as an automatic reminder and daily calendar, 17 jewel movement is water resistant, anti-magnetic and features an unbreakable mainspring, Radium dial, Dial has raised glit numerals on a white face with a sweep second hand, Gold filled case with stainless back or all stainless steel. Genulne lizard band. Shpg. wt., 14 oz. Stainless Steel Case 13 R 31396L Net 37.95

13 R 31396L Net 37.95 Gold Tone Case 13 R 31404L Net 37.95



See Page 22 for Full Credit Details on Easy Pay Plan

## PRECISION SWISS STOP WATCHES



- Accurate Jeweled Movements
- Anti-Magnetic Hair Spring
- · Unbreakable Main Spring

#### A 1/10 SECOND TIMER

Designed for close timing, Large hand registers 1/10 of a second, up to 30 seconds; small hand reads minutes, up to 15. Start, stop, and continue from crown; instant zero. 7 jewel movement. Chromium plated case. Shpg. wt., 6 oz. imported. 13 R 31032L Net 12,95

Same as 13 R 31032 (above) except 1 jewel. 13 R 31024L Shpg. wt., 6 oz.

Net 11.95

#### B 1/5 SECOND TIMER Ideal for Sports Second hand registers 1/5 of a second and completes turn in 60 seconds. Small hand indicates up to 30 minutes. Side slide starts and stops hands. Fast resetting dependable 7-jewel movement. Shpg, wt.,

6 oz. Imported. 13 R 31040L

Same as 13 R 31040 (above) except 1 jewel.

Not 11 95

#### C TRACK TIMER 1/10 SECOND

Excellent for athletics. The second hand indicates tenths of a second Excellent for athletics. The second nano indicates tentils of a second and seconds, and completes one furn in 10 seconds. The small hand registers up to 10 minutes. Start, stop, and reset by successive depression of the crown. 7-jewel movement. Shop, wt., 5 oz., imported. Y2 B 340651

#### D DECIMAL TIMER

Ideal for industrial time-studies. Easy-to-read outer dial oivided in 1/100 of a minute registering up to one minute. Inner dial graduated in minutes and registers up to 30 minutes. Push button, for timing out, brings both hands back to zero. Pressures on the crown will consecutively start, stop and again start the timer. Dependable 7-jewel movement. Swiss made. Shpg. wt., 6 oz. 13 R 31016L Net 13.95

#### 24-HOUR ELECTRIC WORLD CLOCK



- Adjustable for Various Time Zones
- South Polar Projection

Self starting, accurate electric clock. Tells world-wide and local time. Calibrated in hours—1 to 24, minutes and seconds—1 to 60. Black dial with white graduations, 8" overall diameter. Chrome plated case. UL listed, 110V, 60 Hz. AC. Shpg. wt., 2 lbs. 13 R 26024

#### Sportsman's Calendar Watch WITH WORLD TIMER

Tells Time In 12 World Wide Cities

> An Underwater Watch That Indicates Flansed Diving Time

- Pressurized Water-Resistant
- Automatic Daily Calendar
- · Parking Meter Time
- Luminous Marker and Hands



**Swiss Precision Crafted** 

Handsome wristwatch especially designed for the sportsman who is apt to get his watch wet—fishermen, hunters, or skin divers. Hermetically sealed pressurized case provides maximum protection to 5 atmospheres. Movable outer bezel determines time in 12 major cities around the world. Swiss crafted anti-magnetic movement feacisies around the world, Swiss crafted anti-magnetic movement fea-tures automatic daily calendar, unbreakable mainspring, and sweep second hand, Luminous hour markers and hands for high visibility. Polished chrome case, stainless back, and comfortable waterproof strap, imported. Shpg. wt., 7 oz.

13 R 31461L

Net 11.95



**Automatic Self-Winding** Sportsman's Calendar Watch

An Automatic Underwater Watch That Indicates Elapsed Diving Time

- Pressurized Water-Resistant Case
- Parking Meter Time
- Luminous Marker and Hands
- Stainless Steel Band

Designed for the active sportsman! Tell the time and the date at a glance. Has a revolving outer bezel for determination of elapsed time up to 60 minutes. Perfect for skin diving, flying, racing; even keeps time on sports rentals, Automatic self winding; no need to wind watch every day. Calendar date changes automatically. Features a sweep second hand and luminous hands and dial markers. Rugged Swiss crafted timeplece is water resistant, antimagnetic and has an unbreakable mainspring. Hermetically sealed, pressurized case provides protection to 5 atmospheres. Case is finished in bright chrome with a stainless steel back and a matching stainless steel band. Show Mr. 9 oz. Shpg. wt., 9 o

Man's Deluxe Automatic Sportsman's Watch, Similar to above except with 17 jewel movement and all stainless steel case. 13 R 31453L No Money Down\*

Net 32.95

#### PEDOMETER

- · Range 0-25 Miles
- . Ideal For Hikers, etc.
- · Clips To Belt

Fine quality pedometer accurately registers distance you have walked in quarter mile increments from 0 to 25 miles. Large easy to read dial. This precision instrument comes with clip for wearing on belt. Easily set, simple to use. A must for those who want to know their distance traveled. Shpg. wt., 6 oz:



## SELECTED CLOCKS AND WEATHER INSTRUMENT

CORDLESS ELECTRIC DECORATOR CLOCKS AMERICAN TRADITIONAL CORDLESS ELECTRIC PENDULUM CLOCK

Only 1695

Charming replica of an old favor-ite expertly reproduced in Time-wood and carefully accented in walnut tones. Mottled parchment dial is in striking contrast to the large Roman Numerals. The grace-ful motion of its swinging pendutum completes the authenticity of this ageless favorite. Runs up to one year on a single "D" cell. Size: 14"Hx9"Wx2"D. Shpg. wt.,

2 lbs.

#### "GRANDFATHER" CORDLESS ELECTRIC PENDULUM CLOCK

Only 7



13 R 30521W Net 29 95 Battery for above,

#### INDOOR-OUTDOOR THERMOMETER AND **HUMIDITY METER**

 Indoor As Well As Outdoor Temperatures

Richly Grained, Deep Luster Finish

Handsome wood-grained case mounts three randsome wood-grained case mounts three precise instruments that accurately report the most Important outdoor as well as indoor weather conditions. Indoor and outdoor temperatures are read side-by-side on attractive gold-colored, easy-to-read metal scales. Humidity can be seeen at a glance on targe dial below. Comes complete with 4' of capillary tubing, 14" tall, Shpg, wt., 2 lbs. 13 R 40033 Net 9.95

# 12:47

#### DIGITAL TELE-VISION LAMP CLOCK

- Takes Guesswork Out Of **Telling Time**
- Relieves TV Eye Strain

Time comes to life ... with beautiful decorator colors for tuning in on the "now" way to tell "time at a glance." Ideal for use on a TV cabinet, in the kitchen or nursery. Provides soft illumination and precise time in hours, minutes, and seconds. Big easy-to-read numerals in three colors. UL and CSA listed. For 110-120V AC, 60 Mz. Size: 4¼"Mx7"Wx334"D. Shpg, wt., 3 lbs.

14 R 60039 Charcoal Brown Case/White Face/Gold Trim Net 12.95 Net 12.95

#### ELECTRIC DIGITAL TIME-ALARM CLOCK



Compact digital time-alarm

Net 16.95 Battery for above. Net









(A) HOME WEATHER STATION. Three accurate dial-type instruments report barometric pressure, temperature and humidity. Finely etched precision calibrated 2½" spun metal dials for easy reading. Heavy metalized finish has the warm glow of polished brass. Mounted on wainut grained panel in an ebony-grained and gold accented frame with a brass antiqued metal finial 17"x7". For horizontal or vertical mounting

13 R 40041 Shpg. wt., 21/2 lbs.

(B) DELUXE HOME WEATHER STATION. Beautiful three Instrument home weather station incorporates a precise and sharply calibrated thermometer, barometer and humidity meter. Rich hand-rubbed, wood grained finished case houses instruments and beautifully sets off spun golden, extra large, easy-to-read dials. Calibrations and markings are etched in black to stand out clearly. 20" talt case may be mounted vertically or horizontally.

13 R 40066 Shpg. wt., 31/4 lbs

(C) ELEGANTLY STYLED HOME WEATHER STATION, Decorator inspired home weather station, Contains 3 precision weather instruments to accurately measure the temperature, barometric pressure, and humidity. Reset index on barometer for easy discemment of pressure tendencies, Distinctive hand-rubbed case of antique black and walnut finish with gold inlay accents. Recessed dials with gold numerals.

Size: 28 x 8". 13 R 16108 Shpg. wt., 31/4 lbs.

Net 19.95

## **Precision Weather Forecasting Instruments**

WINDSCOPE® WIND SPEED AND DIRECTION INDICATOR



WEATHER STATION

WEATHER HAWK RECORDING THERMOMETER OR BAROMETER



 Outdoor Thermometer-Barometer - Wind Speed Indicator

and Direction Indicator

Complete weather information center inclu-ding wind speed and direction, barometric pressure and maximum-minimum outdoor temperature. Handsome 17" x 12". Walnut panel with brass bezels ready for walt mountpanel with brass bezels ready for wall mount-ing. Includes wind speed and direction roof unit with 60° of lead-in wire for outdoor mounting. 20° of capillary tubing for ther-mometer. With battery and instructions. Shgg. wt., 15¾ ibs. 13 R 74503W No Money Down' Net 199.95



7.DAY RECORDING THERMOMETER Records outdoor temperatures on 7-day chart. 110 volt, 60 cycle. Range minus 40° to +120° F. Eight feet capilizry tubing. Black plastic base with clear cover. 13"x7". Boxed, with 13 charts, ink and instructions. Shpg. wt., 8½ ibs.

13 R 74529W No Money Down\* Net 59.95 7-DAY RECORDING BAROMETER

Records barometric pressure changs on 7-day chart, range 29-31 inches. Uni/ Mag move-ment for maximum pen motion. 110 volt 60 cycle. For altitudes 0-10,000 feet. With 13 charts, ink and instructions. Shpg. wt., 13 R 74537W No Money Down\* Net 59.95

#### Self-contained . 60 Ft. Lead-in Wire

Tells wind speed or direction by 2-position Tells wind speed or direction by 2-position knob. Self contained, no outside power source needed. Easy to install and maintain. Outdoor parts corrosion-resistant. Attractive mahogany-finished indoor indicating unit 6½"%5" Boxed with battery, 60 feet of leadin wire and instructions. Shog. wtt. 7 lbs. 13 R 74511W No Money Down\* Net 99.95

#### RAIN GAUGE

· Keep Record of Total Rainfall

Precision rain gauge designed to give accurate rainfall records. Unique "chisel" shape permits recording of minute quantities. Easily operated cumulative rainfall indicator. Scale graduated up to 54/2 Inches. Scale in black numerals. With inblack numerals. With instructions for mounting and use, to obtain weather-station accuracy to 1/10th of an inch. Overall length 1C44", width 242". Shpg. wt., 6 oz. 13 R 16017 Net 1.95



WIND SPEED

INDICATOR

- . For All Sportsmen, Yacht Clubs, Gun Clubs, Fishing and **Hunting Camps**
- Great For Pilots

Wind velocity registered by liquid filled tube. Calibrated in both MPH and Beaufort Scale. No calculations, reads just like a thermometer. Vane-type external fittings must be mounted on outside elevated point.

Attractive gray indicator features jet black calibrations. Supplied with 50 ft. tubing to connect outer unit to gauge. Gauge Size:

13 R 62508 Shpg. wt., 31/2 lbs. Net 24.95

#### MAXIMUM-MINIMUM THERMOMETER



· READ: Present, High, Low Temp.

For weather enthusiasts gardeners-farmers, etc. Gives three readings at a glance—maximum, minimum and present temperatures. Self-registering—no knobs—magnets—or push buttons needed for reset. Magnifying lens case for ease of reading. Maintains automatic check on temperature variations. Makes you the local weather expert. Shpg. wt., 11 oz.

13 R 16033 REMOTE READING THERMOMETER. Same as above but with remote "sensor" for comfortable indoor reading of outdoor temperature. Includes mounting bracket and instructions. Shpg. wt., 11 oz.

13 R 16041 Net 7.95

#### INDOOR-OUTDOOR THERMOMETER

Shows inside and out-side temperature from the comfort of your room, inside location ideal for quick easy reading. Single scale for instant comparison, Modern plastic case, 8x 21/2" . 48" long copper capit lary tube and bulb, Large numerals for easy reading. Shpg. wt., 7 oz.



#### POCKET THERMOMETER

Ideal for the laboratory, factory, etc. Mercury type—total immersion. White scale with black numerals. Sub-divided by 2° F. Pol-Ished nickel-plated case; tube length 51/2". Shpg. wt. 4 oz.

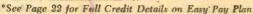
15 R 48015Range: —30° to 120°F Net 2.95 15 R 48023Range: 0° to 220°F Net 3.19

#### "SLIDE RULE" HUMIDICATOR

- Slide Rule Readings
- No Computing
- No Conversion

Fastest and easiest method of determining relative humidity, With the cursor (slide) set on the tempera-(silde) set on the temperature, the relating humidity is read directly off the humidity graph. The "humidicator" graph is calibrated in increments of 2%. Both thermometers are calibrated in increments of 2° from 20° to 120°F. Background colors chosen easily readibility. Overall size included the second colors of the second colors of the second colors.

easily readibility. Overall size, including cistern is 131/2x334". Mounted on mahogany board with provisions for hanging. Imported 99 R 90050 Shpg. wt., 1 lb. Net 3.95





#### CAMERA FEATURES -

- 3-1 Power Zoom & Reflex Viewing
- Thru-the-Lens CdS Electric Eye
- Drop-in Film Cartridge Loading

Outfit includes everything you need for movie making and showing fun, Deluxe super 8 power zoom reflex camera features thru-the-lens CdS automatic exposure control, fast f/1.8 3-to-1 manual or power zoom, insufficient light indicator, electric film drive, built-in type A filter, focusing eyepiece, and drop-in loading, Fully automatic 500 watt brilliance dual 8 projector has f/1.5 tens, automatic reel-to-reel thru gate threading, single knob control for forward, reverse, still, fast forward and automatic rapid rewind. 400 foot capacity projector



Deluxe electric drive Super 600 Electronic reflex camera with fast electric 1/1.8 lens zooms from 8 to 48 mm, Automatic CdS throughthelens exposure system and micro-split focusing. Super 8 drop-in cartridge toading, no threading. Shoot 50 ft, without rewinding, Other features include film type indicator window, parallax free reflex viewing, shutter trigger with continuous run button, spotlight and backlight lighting control, automatic film ASA speed selector, insufficient light indicator, remote control, single frame, adjustable eyepiece, and cable release sockets, 85A filter, battery checker, footage counter, and movie light slot. ASA Speeds: 25-400. Film Speeds: 12, 18, 24 fps. imported, Shgg. wt., 3 lbs. Net 159.95

99 R 63703 Batteries for above. (4 req.)

Net 159.95 Net ea.

#### PROJECTOR FEATURES-

- Dual—For Both Super and Regular 8 · Automatic Reel-to-Reel Threading
- 400 Foot Film Reel Capacity

includes self-contained case, film trimmer and room light outlet.
Outfit also includes camera case, roll of GAF color movie film with
processing, 650 watt sealed beam movie light, batteries, and "Guide
To Better Home Movies" book. Shpg. wt., 22 lbs.
15 R 78228 w No Money Down\* Net 159.95

15 R 78236L Camera Only. Shpg. wt., 242 lbs. ... Net 79.95 15 R 78244W Projector Only. Shpg. wt., 10 lbs. Net 79.95



Silm and neatly designed, the Super 50 permits you to power zoom your movies from wide angle vistas to intimate close-ups at the press of a button. Sharp Yashinon electric zoom 8-40mm f/1.8 12 element tens delivers crisp pictures. Thru-the lens CdS exposure control automatically selects the proper exposure, Bright reflex viewlinder has exposure setting indicator, Provides the convenience of power film drive and threadless cartridge film loading, Features battery tester, footage counter, remote control socket, filter control dial, film type window and movie light slot, Film speeds: 18 and 24 fps.; single framing. Fold away pistol grip. Uses 4 penlight batteries. Imported.

15 R 36788L No Money Down\* Shpg. wt., 21/4 lbs. Net 99.95 99 R 63703 Batteries for above, (4 req.) ....... Net ea. .15

## Deluxe Dual 8 MM Movie Projectors & Editors



**DUAL 8mm PROJECTOR** FOR BOTH SUPER AND STANDARD 8

- . Instant Switch from Standard to Super 8 MM Film
- Automatic Reel-to-Reel Threading

No Money Down\*

Model 1388. Standard/super 8 mm projector combines 500-watt Model 1388. Standard/super 8 mm projector combines 500-watt brilliance and a fast ff.6. color-corrected, coated lens for vivid screen viewing. Automatic threading design features Adjusto-Matic control for proper feed onto take-up reel. Accepts reels to 400 ft. capacity. Quiet, cool operation, Automatic rewind, framing control, elevation adjustment, focus control, film trimmer and automatic ten-sioning. Handsome, self-contained carrying case with handle, Sup-plied with 400 ft. empty film reel, For 117 VAC, 60 Hz, Shpg. wt., 10 lbs.



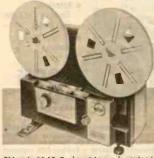


- Multi-Motion **Feature**
- · Forward/ Reverse Operation
- Rugged Die-Cast Case

No Money Down\*

Automatic reel to reel threading and variable film speed control. Brilliant f/1.6, 18-30 mm Filmovara zoom lens assures crisp full Brillant 1/1.6, 18-30 mm Filmovara zoom lens assures crisp full screen viewing. Incorporates spindle adapters for super 8 reels, dial focusing, framing dial, tilt control, reverse and rapid rewind, film cutter for both super and standard 8 film, auto-load 400 ft, reel, and cord storage compartment. Motor fan cooling switch permits after show cooling for fast safe storage, Rugged die-cast construction, Self contained carrying case. For 117 volts 60 Hz. AC. 15 R 65134W Shpg. wt., 17½ ibs.

#### **DUAL 8mm Zoom PROJECTOR** Deulik FOR BOTH SUPER AND STANDARD 8



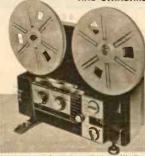
 A Movie Projector That Thinks It's A Slide Projector

Self-Enclosed Case

Eldorado 84-AZ, Designed to run for extended periods in 100% illuminated "still" position without burning film, Handles standard and super-8 mm film. Even splice the two together and run them on the same reel, Sharp, f/1.5 zoom lens assures full screen brilliance. Features quiet, automatic reel-to-reel threading, built-in film trimmer, 400 ft. reel capacity, fast rewind, lifetime lubrication, die cast aluminum body and self-enclosed carrying case with handle. For 117 VAC, 60 Hz, Shpg. wt., 101/2 lbs.

## DeulUR

#### **DELUXE DUAL 8mm Zoom** PROJECTOR FOR BOTH SUPER AND STANDARD 8



- A Movie Projector That Thinks It's
- A Slide Projector Forward And Reverse
- Slow Motion Plus Variable Speed

No Money Down\*

Eldorado 86-AZ movie projector with the advanced features of variable speed control, true slow motion and forward or reverse projection-100% illumination for extended "still" projection and cool, quiet operation. With sturdy diecast aluminum case, 400 ft, reel capacity, built-in automatic room light receptacle, automatic reel-to-reel threading, fast rewind, built-in film trimmer lifetime lubrication and a self enclosed carrying case with handle. Sharp f/1.5 zoom lens for excellent sharpness. For 117 VAC, 60 Hz.

Net 109-95

15 R 52140W Shpg. wt., 121/2 lbs.

Net 109 95



Compact Dual 8 Reviewer for both Regular and Super 8mm film. With Dual Track Dual 8 system and Dual Uniflex splicer, splicing tape, plus big 7 sq. in. picture area, built-in focusing and framing controls, frame marker and lamp switch. Has film protecting heat filter, geared 400' capacity rewinds. UL listed. 15 R 62006 Shpg. wt., 4 lbs.

See Page 22 for Full Credit Details on Easy Pay Plan

ATLAS · WARNER DUAL 8mm **EDITOR** For Both Standard and Super 8 · Over 17 Sq. In. Viewing Screen • Die-cast Metal Construction

17 sq. in, viewing area, Film notches in exact frame that is being viewed. Takes reels up to 400 ft. Smooth and rapid geared rewind. Adjustment knobs for focusing and framing. Foldaway arms. Includes splicer and splicing table. Size: 9½zπ/x6½°. UL listed. Net 26,95 rt. 844 lbs.



"SENSOREX EE" 35MM SLR

- Automatic Through The Lens CdS Meter
- No Needles To Match

Designed to provide the creative flexibility demanded by professional photographers yet have the operational simplicity needed by the novice. Fully automatic or manual Miranda Sensorex EE offers a host of refined useful features including a built-in CdS exposure circuit which automatically selects the correct lens opening for either average or spot lighting conditions. Sharp Somm ff.1.8, 4 group, 6 element lens delivers superb resolving power. Features include an interchangeable pentaprism viewfinder, universal bayonet lens mount, variable delay self-timer, depth-of-field preview, focusing down to 17", and FP + X synchronized hot shoe. Focal Plane shutter speeds: B, 1-1/1,000 sec. EE coupling range: EV3-18, ASA 25-1600. Imported. Shpg. wt., 4 lbs.

15 R 37588L No Money Down\*



Fully automated SLR camera utilizes cross-coupled behind-the-lens CdS meter (ASA range 25-1600 and EV 3-18) and ultrasharp Auto Miranda lens. Match needle is set with the lens wide open. Built-in shoe provided for wide range of accessories. Multi spilt-grid resolves into perfect clarity when pin point focus is achieved. Features interchangeable lens mount, built-in self timer, instant return mirror, interchangeable viewfinder, and rapid advance geared 150° cocking lever. Complete with built-in variable delay self-timer. Includes case and strap. Specifications: 50mm f/1.8 lens. Speeds: B, 1-1/1000th sec. FP & X Synch. Imported. Shpg. wt., 4 lbs.
15 R 37455L No Money Down\*

Net 199.95

"SENSDREX" with 50mm f/1.4 lens.
15 R 37463L No Money Down\*

Net 239.95

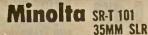
35MM SLR

Lens CdS

Meter

Timer

Variable





 Cross Coupled CdS Thru-The-Lens Exposure System

• F/1.7 55 MM Lens

A quality SLR featuring Minolta's "contrast light compensator" thruthe-lens CdS metering system. Exposure "match-needles" in view-finder respond to change in aperture and/or shutter speeds. Exposure readings not affected by light entering viewfinder. Shutter speed scale visible in viewfinder, Readings are taken with lens wide open. ASA range is 6-6400. Features an instant return mirror; a focal plane shutter with speeds from 1-1/1000th plus B; FP&X synch; auto-reset frame counter; self-timer, mirror lock, depth of field preview, and bullt-in accessory shoe. Includes a 55 mm f/1.7 lens, case and strap. Imported. Shpg. wt., 4¼ lbs.

15 R 34551L No Money Down\*

Net 224.95





"Sensomat" is a truly versatile 35 mm SLR featuring a thru-the-lens CdS metering system with a narrow angle of acceptance for easier, more perfect picture taking. Match needle in the viewfinder can be centered for proper exposure by rotating the diaphragm and/or the shutter speed dial. ASA range: 25-1600. Other features include rapid loading spool, fully interchangeable finder and lens systems, shutter speeds of 1-1/1000th plus B & X synch, automatic reset film counter with a magnifying lens, and a front and top shutter release for greater convenience. Focus from 17". Camera includes 50 mm f/1.8 auto iens, case and strap. Imported. Shpg. wt., 4 lbs. 15 R 37471L No Money Down". Net 169.95



DELUXE PIGGY-BACK SLR BAG

· Fine Top Grain Cowhide Holds SLR Camera —Extra Lenses & Accessories

Includes extra thick foam rubber protection, fully lined interior with a woven velvetlike green fabric, patented locking mechanism, thick rubber cut-outs for maximum protection for two supplementary lenses, Velcro belt to lock camera in place, and an expanable band in lid to hold accessories. May be carried in combination or separated into two bags. Size: 13 x 8 x 5½; piggy-back 9 x 5 x 3". Shpg. wt., 4 lbs.

15 R 16194

Net 27.95

## YASHICA ELECTRO-35 GS 35MM 7Q95 Sensitive CdS Sensor Electronic Exposure Control: 30 Sec. to

MODEL ELECTRO-35GS. Advanced 35 mm rangefinder camera with the "electronic brain". Sensitive solid-state circuit reads the existing lighting conditions and automatically sets the proper shutter speed lighting conditions and automatically sets the proper shutter speed at a preselected aperture. Continuously variable range of shutter speeds from 30 sec, to 1/500 sec, for maximum reliability when shooting flash, contacts are finished in gold providing very low resistance and long life. Also features coupled range/viewfinder focusing with automatic parallax confection, built-in self timer, shutter release lock, accessory shoe for flash or other accessories, battery checker. ASA: 12-500, X sync. Sharp f/1.7, 45 mm color corrected lens, imported.

15 R 36754L Shpg. wt., 3 lbs. No Money Oown\*\*

Net 109.95

1/500 Sec.

KONICA AUTO S2 35MM

· Range/Viewfinder With Parallax and Field Compensation

• Fully Automatic, Match Needle or Manual Option-CdS Meter

75 602 11

Just set the shutter and shoot with this fully automatic 35 mm camera. Features a cdS electric eye bullt into the lens for accurate exposure even when using filters. Shutter automatically locks under extreme lighting conditions. Uses insta-Grip-Loading for quick, easy film loading. Other features include rangefinder focusing with automatic parallax correction and field compensation, short stroke film advance, shutter speeds from 1-1/500th and B, M & X synch, self-timer, and an auto-reset film counter. Can be used automatically, semi-automatically or manually. Includes a fast 45 mm ff.18 lens with a built-in collapsible lens shade, case and strap. Imported. Shg. wt., 3/4 lbs. Shpg. wt., 31/4 lbs. 15 R 76065L No Money Down\*

Net 109.95

REMOTE CONTROL

SLIDE

PROJECTOR



 With Circular Magazine For 100 Stides

Panel Focusing and Controls.

Controls.

Model 125. Semiautomatic slide projector with 500-wait lamp and a 4", 3-element color-corrected lens for bright, clear viewing pleasure. Features an efficient blower for long lamp life, cool, quiet operation and low slide temperature. Slide pre-heat to assure immediate focus. Also includes a 3-way on/off switch, panel focus control and elevation control. Handsomely styled housing and cover are of unbreakable, lightweight Cycoliac-Complete with circular slide magazine. Shpg. wt., 10 lbs.

15 R 36531W No Money Down\*. Net 39.95

Remote Control-Forward/Reverse and Micro Focus

 With Circular Magazine For 100 Slides

Madel 135. Fully remote controlled, jampreof projector with a sharp, 4" color-corrected lens and a 500-watt lamp for brillant screen viewing. Features a highly efficient blower for cool, quiet operation, slide pre-heat to insure immediate focus, elevation control, away on/off switch, panel focus control, remote control for forward/reverse and micro-focus Smarthy dessured. reverse and micro-focus. Smartly designed, self-contained, unbreakable case. Complete with circular slide magazine. Shpg. wt., 15 R 36473W No Money Down . Net 59.95

Net 2.39

 Remote Control for Forward/Reverse and Micro-focus

**ELECTRONIC FOCUS** 

**PROJECTOR** 

SLIDE

 Automatic, Electronic Focusing

Focusing

Model 668. A combination of functional design and precision engineering. Features solid-state electronic focusing, brilliant 4" f/3.5 color-corrected lens. Remote controlled forward/reverse as well as remote controlled focusing. 3-way on/off switch, 500-watt lamp, elevation and leveling controls. Whisper-quiet cooling system provides iong lamp life and low slide temperatures. Attractive cover and housing of lightweight Cycolac for durability. Complete with one circular and one metal magazine. Shpg. wt., 15 R 36762W Wt., 15 V. 15 N. Net 89.95

15 R 36499 36-Stide Metal Magazine. Wt., 1/2 lb.

15 R 36481 100-Slide Circular Magazine. Wt., 11/2 lbs.

Net 2.95

#### 35MM SLIDE SORTER

The Illuminated 11" x 15" inspection screen is large enough to see a whole tray full of slides (35) at one time. Folds flat in a jiffy for compact storage, built-in Illumination with on-off switch, 6 ft, line cord; can be used with 110 or 120 volts, AC or DC, Size: 15 x 8½ x 8½". Shg. wt., 1¼ lbs.

15 R 36168 Net 3.29



#### AIREQUIPT SLIDE STACKER

· For All Airequipt Slide **Projectors** 

Permits viewing of slides with-out magazines. Holds up to 40 slides at a time. You can now view/edit your slides prior to storage in magazines, 15 R 36796 Wt., 1 ib. Net 8.95



See Page 22 for Full Credit Details on Easy Pay Plan

Lafayette Cat. No. 720



#### SOLIGOR "SELECTOR" DUAL RANGE CAS METER



Take perfect readings from moonlight to bril-Take perfect readings from moonlight to brilliant sunlight, Low range for normal conditions; high range increases sensitivity 125X for difficult lighting conditions, Large computer dial clearly indicates correct exposure possibilities. Accepts film speeds from ASA to 6400, "I" stops from 1/1 to 1/32, and shutter speeds from 30 secs. to 1/2000th of a sec. EV scale: —4 to +20, Cline: 8-32 fps. 0n/Off switch, zero adj., and battery test. With case, neck strap, and battery.

15 R 37562L Shpg. wt., ½ lb. Net 11.95

#### LAFAYETTE ELECTRONIC STROBE FLASH



Transistorized · Use Horizontally Or Vertically

Lightweight strobe weighs under 7 oz, with batteries, Small size: 3½x2½x1½". Hot shoe adapter allows vertical or horizontal use for best flash coverage. Recycles in 7-10 seconds on 2 easily replaceable penlight batteries. Kodachrome II (ASA 25) guide no. of 28, Flash duration: 1/2000 sec, Color temperature: 6000 K, On/Off switch to prelong battery life, Neon lamp signals when strobe is ready to fire, Built-in PC cord prevents loss. Imported. vents loss, Imported.

99 R 71128 Shpg. wt., 34 lb. Net 9.95 "AA" Alkaline Batteries for above (2 req.) 99 R 63828 Net ea. .42

#### LAFAYETTE CIS FXPOSIIRE METER

- · High Quality, Ultra-Sensitive-Measures
- Moonlight, Candlelight, Bouncelight

   With Padded Vinyl Carrying Strap Case and

Achieve correctly exposed photographs and slides from the light of a single candle with this Achieve correctly exposed photographs and slides from the light of a single candle with this versatile low cost Lafayette meter. Ultra-sensitive CdS photocell meter utilizes dual light ranges to accurately measure light intensity including extremely low light levels for night and available light photography plus bright beach and snow scenes. Operates comfortably with one hand. A single rocker switch controls light range and turns meter "on" or "off." Measures both reflected and incident light with built-in hemispheric diffuser, 50° angle of coverage provides good averaging of subjects for proper exposure. Has battery test switch for maintaining accurate readings. Provision for zero adjustment. Long life mercury battery (included) assures accuracy over continuous use. Precision jeweled mechanism in high impact case. Size: 3¾ x 2½ x 1¼°D. With padded vinyl carrying case and neck cord. Imported. Shog, wt., 1 lb. 99 R 71961L Net 14.95

#### - SPECIFICATIONS -

Sensitivity: Low Range, 0.275 to 444 footcandles; High Range, 444 to 36,674 footcandles. ASA Film Speed Range: 6 to 12,000. DIN: 9 to 42. Diaphragm Stops: f/1 to f/32. Shutter Speeds: 1/8000 to 8 minutes, Movie Scale: 8 to 128 frames per second. EV Scale: —3 to +22. Acceptance Angle: 50°. Color Response: 6,200 Angstroms (peak). Photocell Type: cadmium sulphide. Battery: 1 mercury, RM-625 or equivalent.

#### LAFAYETTE "35" CLIP-ON EXPOSURE METER



- ASA Scale 10 to 1000
- · Weighs 1 Oz.

Exceptionally convenient exposure meter. Clips right on camera—quick easy reading. Gives better, more accurate exposed pictures with a minimum of effort. Speeds 1/1000 to 1 second, Lens aperture f/1.4 to f/22. Mounts on camera or may be hand held. Complete with leather case and instructions. Imported

99 R 70344 Shog, wt., 1/2 lb. Net 5.95

#### STROBE ADAPTER FOR KODAK INSTAMATIC "X" CAMERAS



Now you can adapt your Instamatic "X" camera to use an Electronic Flash, No more flashcubes to carry about or run out of when that unexpected picture comes along, Flash pictures will seem sharper—the fast speed of the flash seemingly eliminates camera movement which can blur pictures, Simple to install, Synchronized to "X" model cameras, Has "hot shoe" and PC connection, Imported.

15 R 49633 Shpg. wt., 8 oz. Net 7.50 HI-REAM II

**ELECTRONIC STROBE FLASH** 

#### SOLIGOR MK-6 **ELECTRONIC STROBE FLASH**



 Features Compact Design And Transistorized Circuitry

"Golden" Flash Tube

Net ea.

#### · With Built-in Rechargeable Nickel Cadmium Batteries and Charger



Compactness and versatility make this unit Compactness and versatility make this unit a natural companion for all cameras. Features AC-DC operation, Has new color-corrected "Golden" Flash tube for sharp, perfectly balanced color pictures. Suide No. 28 for ASA 25. 150 flashes with Alkaline batteries, "Red-light". Flash duration 1/2000th sec. Coverage: 60° Horizontal, 55° Vertical, Recycling time: 8 sec. on batteries, 5sec. on AC, Color temperature 5700° K. Extra long AC power cord. Requires 2 penight batteries for DC operation, Size: 1x2½x3¾x. 15 R 37570 Shpg. wt., 1 lb. ... Net 17.95 "AA" Alkaline Batteries for above (2 red.) "AA" Alkaline Batteries for above (2 req.) 99 R 63828

Compact, powerful flash no larger than a cigarette pack and weighing only 8½ 02. gives you light where and when you need it, Guide No. 40 for ASA 25 films, 1/3000-sec. flash duration. Operates on 110 VAC with built-in cord or its self-contained rechargeable nickel cadmium batteries. Shoot every 10 seconds with up to 60 flashes per charge, Reflector coverage is 55° color temperature is balanced for all daylight and 8 & wand/or color films, Size: 3½x2½x1¼", Imported.

15 R 36390 Shog. wt., 1 lb. .... Net 29,95

## **Telephoto and Close-Up Lenses**

#### SOLIGOR LENSES FOR TELEPHOTO OR WIDEANGLE SHOTS

Interchangeable lenses designed for use with single lens reflex cameras. Each precision lens is hard coated and fully color corrected. Shipped Prepaid Directly From Factory. No C.O.D. Send Full Remitters ance or Use Latayette's Easy Pay Plan\*

#### - AUTOMATIC LENSES

High quality, fully automatic lenses for many SLR cameras including wigh quality, fully automatic fenses for many 3ch chanda F, FY, G, Canon FI; Exakta, Minolta SR series, SRI 101; Miranda F, FY, G, Sensomat, Sensomat "RE." Sensorex; Nikon; Pentax and Topcon, Lenses have click stops, depth of field scale and manual diaphragm control when needed. Full lens versatility. Specify make and model

Stock No.	Auto Lens	Closest Focus	Net
15 R 37281Z	28mm 1/2.8 W.A.	18"	69.95
15 R 37489Z	35mm f/2.8 W.A.		51.95
15 R 37299Z	135mm f/2.8 Tele.	6'	64.95
15 R 37497Z	135mm f/3.5 Tele.	6'	49.95
15 R 37307Z	200mm f/3.5 Tele.	10'	84.95
15 R 37315Z	300mm f/5.5 Tele.	20'	99.95
15 R 37513Z	400mm f/6.3 Tele,	30'	119.95
15 R 37323Z	90-230mm 1/4.5 Tele. Zoom		149.95

AS LOW AS



#### PRESET LENSES

Low cost preset lenses for limited budgets. Compact, precision optics for most SLR eameras. Full range of focal lengths from wide angle to long telephotos to make previously "impossible" shots a reality. Specify make and model of camera.

Stock No.	k No. Auto Lens C		Net	
15 R 37331Z	28mm f/2.8 W.A.	18"	54.95	
15 R 37349Z	35mm f/3.5 W.A.	2'	29.95	
15 R 37521Z	105mm f/2.8 Tele.	4'	39.95	
15 R 37539Z	135mm f/2.8 Tele.	5'	44.95	
15 R 37364Z	135mm f/3.5 Tele.	5'	31,95	
15 R 37372Z	180mm f/3.5 Tele.	7.5'	44.95	
15 R 37547Z	450mm f/8 Tele.	25'	69,95	
15 R 37554Z	90-230mm 1/4.5 Tele. Zoon	n 8'	114.95	

#### LENS SET FOR POLAROID CAMERAS



Telephoto lens increases the focal length of the lens and results in a 3 times area magnification, Wide Angle lens provides a 75% increase of subject area. Each lens has a "conversion band scale," Supplied with slip-on adapter ring, view finder and case with shoulder strap. Imported, Wt. 1¼ ibs. Fer Pelaruid Models 100, 101, 103, 230, 240, 250, 340, 350, 360 and 400 series. 15 R 49237 Net 34.95

**VARI-CLOSE-UP LENS FOR** SLR CAMERAS

. Sharp Focus From 3 Feet to 1 Inch Without Distortion



Variable magnification (+1 to +10 diopters), close-up lens for use on normal and medium telephoto lenses. Can be used with any single lens reflex, focusing camera either still or movie. Attaches easily to front of lens with series VII adapter ring. Does not interfere with automatic diaphragm and does not interfere with automatic diaphragm. and does not interfere with built-in meter systems of most cameras. No exposure compensation needed. Shpg. wt., 34 fb. 15 R 36523 Net 22.95

CLOSE-UP ATTACHMENT FOR KODAK INSTAMATIC CAMERAS

149

Add to the versatility of your Instamatic Abo to the versatinty of John Instance, comera with this handy close-up attachment. Slips easily onto the front of the lens. For use with all black and white, and color films, Shpg. wt., 4 oz.

For Instamatic 100, 104, 124, 134, 150, 154, 174, X-10, X-15
15 R 36507 Net 2.49

For Instamatic 300, 304, 314, 400, 404, 414, X-25, X-35, X-45

WIDE ANGLE AND TELEPHOTO LENSES for KODAK INSTAMATIC CAMERAS

As Low As

Increase your cameras' versatility with a wide angle or telephoto lens. No adustments necessary, Just slip on the lens and shoot. The telephoto increases the local length and results in a magnification of about 2 times the image size as compared with the normal lens. The wide-angle lens decreases the focal length and results in an increased subject area of about 75%, Each lens includes a built-in viewlinder. Shop, wt., 4 oz. For Instamatic Models—

For Instamatic Models—
184, 154, 100, 150, 124R, 174R Hawkeye 50,
15 R 48351 Wide Angle Lens ... Net 5.95
For Instamatic Models—304, 404, 300,

15 R 49377 Wide Angle Lens 15 R 45385 Telephoto Lens Net 5.95



Complete Lens Set of Wide Angle, Tele-photo, Viewfinder with Case. (Not Illustrated) Shpg. wt., 3/4 lb.

For Instamatic Models—S-10, S-20

For Instamatic Models-314, 414 15 R 49575 Net 18 95

For Instamatic Models—714, 814, X-90 15 R 49583 Net 18.95 For Instamatic Models-704, 804, 700,

15 R 49401 For Instamatic Models—X-15, X-25 15 R 49617 Net 18.95

For Instamatic Models—X-35, X-45 15 R 49625 Net 18.95

DELUXE PHOTO COPIER FOR POLAROID CAMERAS

· With Built-In Glare-Intensity Flood-



Copy photographs, magazine articles with-out damaging the original by using your present Polaroid camera. Deluxe photo copier with its own miniature 120-wat lights allows you to copy any time of day or night. Diffused light does not produce glare on prints. Fast exposure time assures a blur-free picture. Quickly installed or removed. With built-in linecord switch and glare-free lamps. CSA and UL listed. Shpg. wt., 11/2 lbs. For Polaroid Series 100, 200, 300, 400 Color-

pack Cameras. 15 R 16160 Net 17.95

#### PHOTO COPIER FOR POLAROID CAMERAS



Want copies of your Polaroid snapshots? Make them yourself on the spot in as little as 15 seconds using your present Polaroid.
It's easy! Imported. Shpg. wt., 34 lb.
For Polaroid Series 100, 200, 300, 400 Color-pack Cameras.
15 R 49500 Net 8.95

FOR POLAROID COLOR PACK II, III, IV CAMERA

15 R 49559 Net 8.95 FOR BIG SWINGER 15 R 49526 Net 7.95



A"16 II" SUBMINIATURE CAMERA

An extremely easy-to-operate, palm-size camera. Sliding camera in and out of built-in case advances film, cocks, shutter, counts exposure and prevents double exposure—all automatically. 6 shutter speeds from 1/30 to 1/500 sec. plus "B". Takes B & W pictures, color prints or color slides that fit any 35mm projector. Direct view-finder shows picture exactly as it will appear on film. Lens opening from f/2.8 to f/16. With Gase, imported. Shpg. wt., 1 ib.

MINOLTA 16 II Accessories. Av. Shpg. wt., 6 oz.	
15 R 34213 Duo Fit Flash Gun	Net 7.95
15 R 34221 Bracket for Flash and Tripod Mtg.	Net 2.95
15 R 34239 Aux. Lens Set—	
2 closeup, 1 distance, 1 Y filter	Net 4.95
15 R 34247 Color Fifter Set-1 ea. 1A, 80A, 81B	Net 4.95
FILM FOR "16 II"-All are 20-exposure magazines. Shpg.	wt., 3 oz.
15 R 34171L Kodak Phis.Y ASA 100	Not 1 19

15 R 34197L Ektachrome MS ASA 50 Net 1.80
15 R 34197L Ektachrome MS ASA 50 Net 1.80
15 R 34592L Ektacolor Neg (Color prints) ASA 100 Net 1.80

B MINI-"16" COLOR SLIDE PROJECTOR

Compact, lightweight projector to match Minoita and other 16 mm Sub-miniature cameras. Sharp 40 mm Rokkor F/2.5 lens, includes deluxe vinyl carrying case, standard slide carrier and 75 watt projector lamp. For 110-120 volts AC-DC. Imported. 15 R 34353 Shpg. wt., 3½ lbs. Net 35.95

### SHICA atoron ULTRAMINIATURE CAMERA KIT



COMPLETE WITH CASE FILTERS, FLASHGUN. CHAIN STRAP, AND BUILT-IN MATCH- NEEDLE EXPOSURE METER.

Only No Money Down\*

Iltraminiature, lightweight camera accepts Minox-type film cartridges. Features drop-in loading—no film threading—no double exposures—no rewinding. Advanced, programmed shutter with speeds from 1/85 to 1/250 sec, plus bulb, Match-needle exposure system with ASA range from 25-400. Yashinon f/2.8, 18 mm lens gives detailed black and white, cotor prints and color slides. Bright, optical viewfinder can be used even in dimly lit surroundings, Parallax correction frame, visible in viewfinder, allows accurate framing when shooting closeup. Camera has built-in UV and Y2 filters, includes camera and case, additional ND4X and 80B filters, cordiess AG flashgun, and chain strap. Imported. Shgp. wt., 1½ lbs.
15 R 36259L No Money Down\*

Net 89-95

15 R 36255L NO MOILEY COATTORON. AV. shpg. wt., 3 oz.
PRELOAD CARTRIDGE FILM FOR ATORON. AV. shpg. wt., 3 oz.
Net 2.19 15 R 36259L No Money Down\* Net 89.95 15 R 362671 40 exposure ASA 125 8 8 W 15 R 362751 40 exposure XT-Pan ASA 25 B 8 W 15 R 362831 40 exposure Ktdachrome II Slides 15 R 362831 40 exposure Etkacolor S Prints 32 R 47541 Batteries for above, Pkg. of 2 Net 2.19 Net 2.59 Net 3.19 Net .79

DEVELOPMENT TIMER FOR POLAROID 10 to 120 Seconds



332

Now you don't have to count to develop your Now you don't nave to count to geverup your Polaroid film. Get top notch pictures every time. Can be set for up to 120 seconds in 10 second intervals, For all Color Pack cameras. Bell rings when time is up, Imported. 15 R 49534 Shpg. wt., 1/2 lb. Net 5.95

**INSTAMATIC CAMERA** KODAK COLOR OUTFITS





Uses Pop-on Magicubes

Model AX-15R Outfit. Simple-to-operate camera with Lumenized f/11 prefocused lens for quality pictures. Bright, large viewfinder for realistic viewing. Quick film advance. Uses self-powered Maglcube flashcube which requires no batteries. Automatically adjusts for outdoor or flash shooting. Warning lamp shows in viewfinder when new Maglcube required. Outfit; camera with wriststrap, Kodacotor-X film cartridge, Maglcube, and instructions. 15 R 26375L Shpg. wt., 11/4 lbs.

Model AX-25R Outfit, Features automatic film advance for up to 12 pictures in 12 sec. Uses self-powered Magicube flashcube which requires no batteries, "Used Lamp" shows in viewfinder when new requires no batteries. "Used Lamp shows in viewinder which new Magicube required, Bright, large viewfinder for true-to-life viewing, f/11 Lumenized prefocused lens, Automatically adjusts for flash or outdoor operation. Outfit: camera with wriststrap, Kodacolor-X film

cartridge, Magicube, and instructions. 15 R 26383L Shpg. wt., 1½ lbs.



Instant loading lightweight cartridge camera that's perfect for recording your family fun. Simple to use . . , just drop in a Kodak 126
cartridge, close the back and snap excellent color or black and
white pictures. Choose from slides or prints. No focusing, no settings, Flashcube automatically rotated and synchronized with each
shot. Precision lens. Outfit includes permanent carrying case, wrist
strap, color film cartridge, batterles and flashcubes. Shpg. wt.,
14/2 ibs.
15 R 53007

#### KODAK FILM WITH PROCESSING INCLUDED



- Slides Returned Mounted, Ready for Viewing or Showing: • Convenient, direct-mail "mailers" in every roll. After the complete roll has been filmed,

put it into the mailer, drop into a mailbox and in a few days your finished films are delivered postpaid to your door. You get 3½" square prints with cx-126 color snap-shots and 3½"'s giant prints with cx-135 color snap-shots should you get less than the full number of prints or printable negatives.

tives per roll you will receive coupon for additional FREE prints. DO NOT MAIL FILM TO LAFAYETTE RADIO, Av. shpg. wt., 8 oz.

KODAPAK KODACHROME MOVIE FILM FOR SUPER 8MM 15 R 47058L KA-464 Super 8mm 50-ft. Cartridge, Indoor/Outdoor

Net 4.29 KODACHROME 35MM, TYPE X FOR COLOR SLIDES Type X ASA Index 64

35mm, Type X, 20 Exp. 35mm, Type X, 36 Exp. Instamatic Cartridge, 20 Exp. 15 R 47082L KX 135-20 Net 3.29 15 R 47090L KX 135-36 Net 4.79 15 R 47108L KX 126 Net 3.29 FOR COLOR SNAPSHOTS

15 R 47140L CX-126 CX-135 Instamatic cartridge, 12 Exp. 35mm Indoor/Outdoor, 20 Exp. 15 R 47348L Net 5.99





For use with standard flashcube cameras, 4 flash pictures without changing bulbs, Pkg. of 3 cubes takes 12 pictures. TES R 26326L Shpg. wt., 3 oz. Net 1.29 New Magicube Type X used with new Kodak series "X" cameras only. Pkg. of 3 cubes, takes 12 snap-

15 R 47330L Shpg. wt., 3 oz.

## **ACCESSORIES FOR MOVIE and STILL CAMERAS**

MOTORIZED PROJECTOR-VIEWER FOR SUPER 8 MOVIES

Only

- No Screen or Dark Room Needed
- Automatic Rewind

Delivers sharp, clear pictures with even corner to corner brightness. Great for individual or small

for individual or small group use, Needs only 8 inches of space yet provides a 34½ x 4" picture. Operation is simple enough for children to view alone. Film automatically rewinds at the press of a button, View film in motion or in still life frame by frame. Features focus control, Projects with brilliant detail under normal lighting conditions. No need to set up a screen or darken the room, Handles reels up to 50 feet, Imported. Shog, wt., 5 lbs.

Net 39.95

Shpg. wt., 5 lbs. 15 R 71009 No Money Down\*

DELUXE LENTICULAR SCREENS

Automatic Lever-Type Handle Permits Smooth Easy Adjustment



Specially-designed, optically-correct lenticular screen is free of glare, sheen and hot spots. Amazing sharp-ness and color rendition, Durable vinyl fabric resists fire and fungus. Sturdy, secure triped legs. Screen is 40 x 40". Shpg. wt. 10 lbs. 15 R 50052W

Same as above. Extra Large 50" x 50" Super Screen—Ideal for New Super, 8 Movies, Shpg. wt., 124/a lbs. 15 R 50219W

TABLE TOP SCREEN

22" x 30" Lenticular. Shpg. wt., 2 lbs. 15 R 87021W



Net 2.95

#### DELUXE **ELEVATOR TRIPOD**

 3-Sections Extend to 60"

Stability and minimum weight make for easy portability. Suitable for both still and movie cameras. Quick column lift allows you to raise camera in a jiffy and lock it at desired height. Reversible pan-tilt handle permits right or left handed operation at varying heights. 3-section non-binding alu-milited tubular legs have grip-tite internal lock and non-silp, protective feet. Constructed of sturdy lightweight die-castings and cycolac. Overall extended height: 64". Closed length: 22". Shpg. wt., 3 34 lbs. 15 R 68021 .. Net 12.95

SEALED-BEAM MOVIE LIGHT



Compact, powerful 650 watt tungsten sealed beam will provide sparkling, bright indoor movies. Features top mounting and convenient on-off switch. Will fit all new super 8mm cameras plus all standard 8mm cameras with tripod socket on top, with 6 ft. cord and exposure guide.

15 R 68013 Shpg. wt., 2 lbs. ... Net 7.50

2 x 2 SLIDE FILE

Net 39.95



For 35mm, Instamatic slides — holds 300 2 x 2 cardboard slides or 150 aluminum, metal or glass mounts. Index card and permanent, molded-in numbering system, of polystyrene. Shpg. wt., 134 lbs. 15 R 59227 Ne

#### DUAL 8 AUTO-THREAD METAL REEL AND CAN

As Low As



A fully automatic self-threading take up reel. Designed for all standard 8 and super 8 projectors. Quality constructed with a precision diecast hub and sturdy flanges. Shog. 6 02. Net .99

15 R 16178 400' Capacity 15 R 16186 200' Capacity

**DELUXE 650 WATT** QUARTZ MOVIE LIGHT

 Head Tilts for Bounce Lighting

· For All Super-8 Cameras



Shoot brilllant movies Indoors, Long life, quartz-bromine movie light for maximum output. Small, all metal unbreakable hous-ing with built-in on/off switch. UL listed. With 6¼ ft. cord, Shpg. wt., 1 ib.

#### G.E. OR SYLVANIA PROJECTION LAMPS



Exact replacement projection lamps for most movie and slide projectors. We will fill your order with either C.E. or Sylvania depending on stock availability. Imported‡. Shpg. wt.,

Stock No.	ASA Code	Watts	Net Ea.
15 R 36713	BCK	500	13,40
15 R 36721	CBA	500	13.95
15 R 36564	CLS/CLG	300	4.60
15 R 36572	CYC	300	4.70
15 R 36580	CZA/CZB	500	6.80
15 R 36739	CZX/DAB	500	6.50
15 R 36598	DAK	500	6.10
15 R 36606	DCA	150	7.05
15 R 36614	DCH/DJA	150	6,50
15 R 36622	DDB	500	6.70
15 R 36630	DEF,	150	8.10
15 R 49450	DET	750	2.95
15 R 36648	DEK/DFW	500	6.95
15 R 36655	DFA/DJL	150	7.05
15 R 36663	DFC/DFN	150	6.50
15 R 36671	DFG	150	6.50
15 R 36697	DLS/DHX	150	7.80
99 R 71219	EDK ‡	500	1.99
15 R 36747	EGH	500	13.00

#### **DELUXE ZOOM MOVIE CAMERA CASE**



- Adjustable Shoulder Strap
- Nickel Plated Hardware

95

Holds substantially any super 8 camera with attached hand grip. Made of exquisite black vinyl material, firm core and fully lined, with French stitching. Ample space also provided for camera accessories; film, lens filters. Size 11 x 1044 x 334. Shpg. wt. 2 lbs. 15 R 16053

## Microscopes For Beginners & Intermediate Students



• Zoom from 50 to 900 Power

All Metal Construction

· All Dissecting and Mounting Materials

• Includes AC/DC Substage Illuminator

. With Attache Type Carrying Case

A complete microscope laboratory for the student and enthusiast. Provides all necessary material to explore the interesting field of microscopic research. Achieves magnification from 50X to 900X with combinations of the 3 objective lenses (5X, 20X, and 45X), and the fine ocular which zooms from 10X to 20X. Rack and pinion focusing assures clear, sharp images. The 900X scope features an optical condenser, plano mirror, and built-in 3-voit light powered by the AC adapter or 2 penlight batteries. Laboratory includes a complete dissecting kit with hand lens, biunt-end scissors, probe, scalpel, spatula, tweezer, and eyedropper, plus glassware, including: 11 blank slides, 12 cover glasses, 3 test tubes and beaker. Also includes: prepared slide, 2 bottled specimens, 4 slide preparation chemicals, 2 spare light builbs, mounting balsam, and instructions. Less batteries. Imported.

#### 80X TO 1200X 'ZOOM' MICROSCOPE SET



- 80X-1200X Magnification Zoom Eyeplece
- Complete Set of Dissection Instuments
- 4 Achromatic Objective Lenses
- All Metal Construction
- . With Built-in Plano Mirror and Illuminator

Constantly variable magnification of 80, 100, 160, 200, 400, 600, 800 and 1200 times. Zoom eyepiece for less specimen adjustment and controlled detail magnification. Excellent dual knob rack and pinion coarse locus control, plus fine focus control. Stage includes optical condenser and aperture diaphragm. Spring loaded rack prevents damaging objective. Sub-stage Illuminator-mirror combination for direct, incandescent, or reflected Illumination. Includes 2 prepared sides, 4 blank sildes, spatula, scalpet, probe, scissors, tweezer, and magnifying glass. Wooden case with carrying handle. Illuminator operates on penlight cells or house current, by means of an optional transformer. Less batteries. Imported. Shpg. wt., 534 lbs.

of an opuonal inflational and increase in the state of th zoom microscope, 99 R 71102 Shpg. wt., 9 oz.

750X 'ZOOM' MICROSCOPE SET

Variable Magnification

50X to 750X

All Metal Construction

**Built-in Substage Illuminator** 

3 Coated Objectives

Ideal for student or hobbyist. Features advanced zoom type micro-optics. Zoom action permits smooth, vibration-free, variable magnification without disturbing stage or specimen. Three hard coated objectives set in a revolving "cilck stop" turret give magnifications of 50X, 75X, 200X, 300X, 500X and 750X. Zoom action permits choosing multiple magnifications without changing eyepiece or objectives. The eyepiece zooms smoothly from 10X to 15X. Illuminator operates with batteries or on ordinary house current with trans-former supplied. Includes instructions, sample sildes, 5 piece dissetting kit and wooden carrying case. Less batteries. Im-

ported. 99 R 70450 Wt., 3¾ lbs. Net 13.95 99 R 71060 Replacement bulb Net .22 99 R 62580 Battery (2- Req'd.) Net .10

#### 600X MICROSCOPE SET



With Sub-Stage Light 75X - 300X - 600X

• Triple Revolving Turret

For the student-hobbyists-or budding scientist! Features built-in sub-stage light and three achromatic objective lenses giving magnification of 75X, 300X and 600X. Complete with 3 glass slides, 5-plece dissecting set and hardwood cabinet. All metal. Less batteries. Imported. Shpg. wt., 21/2 lbs. 99 R 62580 Battery (2-reg'd. Net ea.

## Microscopes and Accessories



"MICRO'DAPTER"TM



Micro-photography!

 Astro-photography! Use Any Camera!

Microscope or Camera/Telescope Setup

Permits the use of any camera—even movie cameras—with practically all microscopes and telescopes. No need to remove the camera lens. Cross hairs are super-imposed on the image for centering. The image is automatically in focus frough the MICRO'DAPTER. Accessory sleeves permit the MICRO'DAPTER. Accessory sleeves permit the MICRO'DAPTER may be used with other than Society size microscopes. The MICRO'DAPTER may be used with any telescope by attaching to eyepleces of 29 mm (18½") maximum diameter. Imported. Shope. wt., 2½ lbs. Permits the use of any camera—even movie

99 R 70807 Net 14.95

1200X RESEARCHER DELUXE MICROSCOPE SET

- 25X to 1200X in 12 Ranges
- Full Range Fine Focus Adjustment
- Integral Mechanical Stage
- Rotating Diaphragm
- All Metal Construction

Closely parallels the "Society" grade microscope. Four Huygenian eyepleces: 5X, 10X, 15X P20X combine with four 5A, 10A, 15A PZUK COMDINE WIBI 10X achromatic objectives: 5X, 10X, 40X, 50X to yield 12 combinations: 25X, 50X, 75X, 100X, 150X, 200X, 300X, 400X, 600X, 800X, 900X, 1200X. Dual knob rack and pinion coarse focusing with tension adjustment for slow motion. tensian adjustment for slow motion. Micro-motion fine focusing adjustment. Spring loaded to prevent objective from driving through slide. 85mm x 85mm stage can be moved in any direction, with slide by 2 knurled screws while looking through the eypiece. Sub-stage has rotating, 5-position diaphragm and 35mm piano/concave reflecting mirror. Stable horseshoe base. Complete with set of 5 basic dissecting instruments, 10 slides, pack of cover slips, tube of mounting fluid. All in a dovetailed wooden carrying case with handbe and four rubber feet. Imported. Shpg. wt., 7 lbs. 7 lbs.

99 R 70419 Net 44.95



MICROSCOPE LIGHT

- · Use with any Microscope
- · Furnishes Bright, Even Light

350

Provides a bright, evenly lighted field of view. Height 4½".
Lamp may be raised or lowered to any desired height. Inclination and elevation joint permit swinging through 360° in both horizontal and vertical plane. Fully adjustable for transparent or opaque specimens, direct or indirect illumination. Invaluable where oblique light is necessary. Operates on 110-120 volts AC/DC, Self-contained cord and plug. With extra bulb. Imported. 15 R 64103 Shpg. wt. 11/4 lbs.

Net 3.50

MICROSCOPE MECHANICAL STAGE

• With Graduated Scale • Vernier to 1/10th mm

 Attaches to Any Square Microscope Stage Attaches to any square microscope stage 70 mm x 80 mm or larger, Accommodates slides up to 75 mm x 50 mm. Both lateral and front to-back movement by rack and pinion, Adjustment scales are graduated in

single millimeters with verniers reading to 1/10th mm. Essential accessory for all high magnification examination, Permits relocating any portion of a slide or charting the entire slide. Spring clip automatically accommodates slides of varying dimensions. Imported. Shog, wt., 12 ozs.

HICROSCOPE

95

15 R 64087

Net 9.95

DISSECT

#### MICRO-STANDARD MECHANICAL STAGE



Slide, "On the Nose."

 Smooth Action—Horizontal and Vertical Foolproof Co-ordinate System

Graduated mechanical stage attaches to any "Society" size microscope stage such as Medica, Micro-Piex and Micro-Standard. Adjustable holder takes any slide up to 90 mm x 50 mm. Essential for methodical examinations such as is required under an oil impacts. mersion iens or in blood counting. Locates and relocates portion of the slide quickly and easily. Vertical movement by rack and and easily. Vertical movement by rack and plnion—horizontal movement by worm gear. Machine engineered scales, graduated in single millimeters with vernier reading to 1/10th mm. All sides can be charted by means of the co-ordinates of these scales, Spring clip automatically fits the slide into proper position, Imported, Shpg. wt., 11/2 lbs. 99 R 70385L Net 24.95

A HUNTING WITH THE MICROSCOPE.

How to prepare and study cultures-set up a microscope zoo and garden—grow micro organism—perform micro surgery. Illus-trated with photographs and drawings. 10 R 60029 Shpg. wt., 8 oz. .. Net 1.50

B HOW TO DISSECT. Tips on dissecting the digestive, reproductive, nervous circulatory and structural systems of the earthworm, craytish, grasshopper, starfish, squid, shark, frog, gladiolus, perch, lobster, octopus, snail, moths, barnacles, etc. Special projects: behavior of earthworms, food and oxygen in space ships, regeneration, micro-dissection, camoutlage, etc. 128 pages, 82 photos. 10 # 60011 Shpg. wt., 8 oz. .. Net 1.50

C SLIDE PREPARATION KIT. 30 glass sildes, 3" x 1", in a fitted, sturdy, card-board container. Slotted guides hold sildes upright for easy indexing. Includes slide covers and vial of mounting fluid. Im-

15 R 21020 Shpg. wt., 3/4 lb. Net 2.19 DISSECTING AND SLIDE MOUNTING

SET. All the necessary implements for dissetting, staining, mounting micro-sub-jects on sildes: Seven dissecting instru-ments; 5 well sildes, 20 bank sildes, 50 cover glasses; 50 blank labels; blue stain; mounting fluid, All in a fitted wood case. imported. 15 R 42067 Shpg. wt., 11/4 lbs. Net 5.95





## **Research Equipment**





## The "Micro-Standard Mark II" 1500X SOCIETY STANDARD MICROSCOPE

- . 25X to 1500X in 12 RANGES
- 4 ACHROMATIC OBJECTIVES IN ROTATING TURRET
- VARIABLE SUBSTAGE CONDENSER WITH IRIS DIAPHRAGM
- . STANDARD SOCIETY OPTICS, BOTH DBJECTIVES AND EYEPIECES
- RIGID QUALITY CONTROL STANDARDS
- PAR FOCAL WITHIN O 1mm

An unusually fine optical instrument designed especially for precision viewing requiring high magnification with an oil immersion lens, the outstanding features of great range and engineered versatility, optimum clarity and great magnification are usually found in microscopes costing much more.

tion are usually found in microscopes costing much more.

OPTICAL SPECIFICATIONS: Three Huygenian eyepleces—5x, 10x, 15x, Four achromatic objectives—5x, 10x, 40x, 100x (oil immersion). FOCAL LENGTH: 170 mm. Monocular. FOCUSING: Coarse focus with adjustable tension. Fine focus vernier adjustment. Par-Focal within ½ rotation of fine focus control (o.1 mm.). Spring loaded safety device prevents objective going through slide. STAGE: Square stage: 95 mm x 95 mm. Integral mechanical stage, adjustable in any direction. Stage clips. SUBSTAGE: Focusing condenser with variable iris, diaphragm. 41 mm plano/concave mirror. Tilting Base. Black and chrome finish. Overall 12" high, 6½" deep, 4½" wide. Includes fitted wood cabinet with lock and key, 3 slides, 99 R 71342W

Net 99.95

#### Micro-Plex -BINOCULAR-MONOCULAR RESEARCH MICROSCOPE

- 20X to 2000X Interchangeable Binocular/Monocular Tubes
- Quadruple revolving nosepiece . Eight paired eyepieces
- Vernier calibrated mechanical stage



No Money Down\*

An outstanding instrument with features of construction and design that will, without reserva-tion, be appreciated by competent experts.

OPTICAL SPECIFICATIONS: Four OPTICAL SPECIFICATIONS: Four achromatic, coated objectives 4X 0.15 n.a., 10X/0.25 n.a., 40X/0.65 n.a., oil immersion 100X/1.25 n.a. Eight paired eyepleces. Two each 5X Huygenlan, 10X Huygenlan, 15X peri-planatic, 20X Keliner. Dust proof quadruple resolutions. volving nosepiece.

for the 20X to 80X range, 1.88mm

—0.8mm for 50X—200X, 4.7mm

2.0mm for 200X—800X, 1.88mm

0.8mm for 500X—2000X. Taken at

170mm focal length.

170mm focal length.
BODY: Interchangeable Binocular
tube inclined 45°, graduated interpupiliary adjustment, left eyetube adjusts for refractive difference between eyes. Monocular is
extendable, graduated from 140
mm to 190mm. Parfocal at 170mm. STAGE: Square stage 125mm x 130mm, Mechanical stage with 30 mm x 70mm range of movement with vernier accurate to 0.1mm. Stides of practically every shape and size, including petri dishes, can be used.

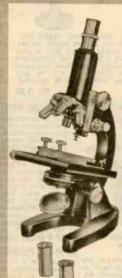
FOCUSING: Coarse focus by means of coaxial rack and pinion drive on dovetall slide. Fine focus by coaxial micrometer slow motion Meyer's type adjust, Graduated 1 division equals .002mm (2 micron

SUBSTAGE: Rack and pinion drive. Double lens bright field con-denser (Interchangeable) 1.2 n.a. iris diaphragm. Filter holder, stop against over-wind, 50mm plano-concave mirror.

Satin black enamel finish. Chrome trim. 134x84/2x544" overall. Net weight 22 lbs. Includes fitted cabinet of fine grained oak with lock and key, 5cc of cedar oll, spring clips, spanner, blue filter. Imported, Shpg. wt., 26 lbs.

Net 339.95

#### Medica TT-MEDICAL-BACTERIOLOGICAL MICROSCOPE



 Standard Society Size

20X to 1500X

Vernier Calibrated Mechanical Stage

Extendable

Monocular Tube Par-focal at 170mm Tube Length

No Money Down\*

Outstanding design\_features unexcelled optically and mechanically—and priced far below any equivalent instrument.

OPTICAL SPECIFICATIONS: Four OPTICAL SPECIFICATIONS: Four coated achromatic objectives. 4X/ 0.10 n.a., 10X/0.25 n.a., 40X/0.65 n.a., oil immersion 100X/1.25 n.a. three eyepieces, 5X Huygenian, 10X Huygenian, and 15X periplanatic

BODY: Extendable, monocular tube, Graduated from 155 mm to 200 mm. Parfocal at 170 mm.

STAGE: Square stage 120mm x 125mm, Graduated mechanical stage with 50mm x 80mm range. Vernier accurate to 0.1 mm.

FOCUSING: Coarse focus by means of rack and pinion drive on dovetall slide. Fine focus by coaxial, lever type, micro-motion. Full 16 revolutions for 3mm travel. Spring loaded safety device prevents driving through subject. Focusing tension adjustable.

SUBSTAGE: Ring type, rack and pinion drive. Double lens bright field condenser (interchangeable) 1.2 n.a., Iris diaphragm, filter holder, stop against over-wind, 50mm Plano-concave mirror. 1242x842x54% overall. Net weight 16 lbs. Includes fitted cabinet, 5cc of cedar oil, spanner, spring clips, blue filter. Imported. Shpg.

wt., 191/2 lbs.

## Wide Angle Not a "Vari-Power"

One Control Zooms both barrels!

- 7X to 12X-or any Power in Between
- · Center Focus-Right Eye Adjust-Plus Single Synchronous Zoom Control!

Synchronous Zoom Control:

Sensational Zoom action holds even fast-moving subjects in perfect view. Sight in any subject at 7-power—then Zeom up to 12-power (or any power in between) for closeup viewing. Full 40mm, objective lenses, hard coated achromats. Field of view is 323 feet at 1000 yds., at 7 power (6°), 289 feet at 1000 yds., at 12 power (5,5°). Prisms clamped in shock-resistant mounts. Lightweight alloy frame and body. Sealed against dust and moisture. Includes plush-lined, hard case and straps. Imported. Shpg. wt., 434 lbs.

99 9 7109C

Not 49 as



#### **DELUXE 7X35 WIDE-ANGLE BINOCULARS**

- Doubles The Field Of Ordinary Binoculars
   578 Ft. Field Of View at 1000 Yards
   Oversize Oculars
   Exceptional Quality

A multi-purpose, precise 7x35mm binocular that is particularly adept for field studies. Wide-angle hard coated prisms permit brilliant and for field studies. Wide-angle hard coated prisms permit building and close-up details of sporting events, without sacrificing the image, as is the case with regular narrow angle binoculars. Field of view at 1000 yards is 578 feet! Center ocus and right eye adjustment insure perfect focus: All optics are sealed against moisture and are properly collimated and aligned. Hard liked case for protective storage when not in use. Complete with nech strap, imported. Shpg. wt., 3 lbs. 99 R 70195 Net 2995

#### BINOCULAR MOUNTING CLAMP

Tripod adapter fits all binoculars by clamping around center post. Binocular can be stored in cass with mount attached. Fits onto any standard camera tripod. Especially adapted for high powered binoculars. Imported. Shpg. wt., 6 02

15 R 42059

Not 3 50

#### MAGNI-BOOSTER Converts Binoculars Into High-Powered Scope

 Magnifles Binocular power 21/2 Times (7 Power becomes

171/2 Power!)

Instantly converts standard binoculars into a high-powered all-purpose spotting scope with crystal clear magnification! Performs the function of usually bulky telescopes. Increases the power of your binoculars 2½ times making it possible to spot details which cannot be seen with the binoculars alone. Ideal for slipping onto your binoculars when spotting game, checking target hits, or other uses where critical viewing is necessary. Easily slips off for standard binocular viewing. Fits over front lens of binocular with appropriate locking adapter (see below). Focuses with binocular controls or with its own focusing ring. Shpg. wt., 1 lb.

15 R 42018 Net 18.95

Stock No.	For Binocular Objective Rim Dia.	Net
15 R 42034	1¾" to 2" O.D. Shpg. wt., 5 oz. 2" to 2¼" O.D. Shpg. wt., 5 oz. 2%," to 2%," O.D. Shpg. wt., 6 oz.	3.29 3.29 3.29

#### VERSATILE BINOCULARS

Q95 No Money Down\*

Precise design—quality material—and expert workmanship. All lenses are bard coated—prisms clamped in lightweight alloy frame and body—sealed against dust and moisture—properly collimated and aligned. All are center focus with adjustable right eyepiece. Hard lined case and neckstraps included.

7x35 POPULAR, VERSATILE, ALL PURPOSE BINOCULARS. For the sportsmen—hunter—bird watcher—vacationer. High luminosity. Compact design. Field of view 367' at 1000 yards. Imported.

99 R 70187 Shop, wt., 234 lbs.

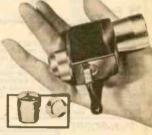
As Low As

7x50 NAVY STYLE NIGHT GLASSES. Favored for marine use. The choice 7x50 MAYY STYLE NIGHT GLASSES, rayured to infinite Schering power. Of professionals because of exceptionally high light gathering power. Superior image brightness. Field of view 372' at 1000 yards. Net 24.95

20x50 KING OF THE LONG RANGE. Hunters, mountain climbers, plane spotters, forest rangers—any long distance viewing and observation requirement. Field of view 157' at 1000 yards. Shpg. wt., 3¾ lbs. 99 R 70203 Imported Net 29.95

#### LAFAYETTE 8x24 MINI-SCOPE

- Includes 6x Super Wide-Angle (11°) Ohiective
- Fits in Palm of Hand • Use as Close-up
- Magnifying Glasses



Versatile, precision pocket telescope provides powerful 8-power optics, yet slips into your pocket, Ideal for travel, hiking or nature study. For a larger field, quick-change to the 6x extra-wide view 18mm lens. Pulls in the action at football, hockey, and shows. 24mm coated lens provides 435 ft, viewing area at 1000 yds., 18mm, coated lens gives 575 ft, viewing area. With soft zippered case, wrist strap. Imported. Shpg. wt. 10 oz. 99 R 72159 Net 13.95



• Eyepieces and Barlow Lens For 450X, 300X, 225X, 150X, 90X and 45X • 900mm Focal Length • Micromotion Controls For Horizontal, Polar, Declination • 4½" (114mm) F/8 Spherical Aluminized Quartz Mirror • Barlow Lens Included

442" spherical, aluminized quartz mirror gives wide, flat field of view and outstanding color definition. Three coated eyepleces provide magnifications of 45X, 150X, 225X; (with Barlow lens 90X, 300X and 450X). Fast resolving power of 1.5 seconds and 900mm focal length permits detailed viewing up to twelfth magnitude. 5X24mm right-angle, prismatic finder scope with cross hairs easily locates objects to be viewed. Micro-motion controls and equatorial mount with hour and declination circles provides complete control for track-line theavy-duty hardwood tripnd with accessory tax adjusts from ing. Heavy-duty hardwood tripod with accessory tray adjusts from 33 to 60". Complete with lenses. Sun glass. Moon glass, Barlow lens. Scope size: 41/2" Dia., 36" long. Imported. Shpg. wt., 30 lbs.



- 4" (100mm) f/8
- **Aluminized First Surface Secondary Mirror**

A fine, compact professionally designed 4" reflecting telescope with A tine, compact professionally designed 4" reflecting telescope with carefully aluminized optics for exceptionally low light loss, Primary mirror is aluminized and quartz overlaid. Highly achromatic optical system features very low chromatic aberration. Adjustable wooden 48" tripod with tray brace and convenient optical sight permit easy field use on uneven surfaces. Rack and pinion drive assures smooth focusing. Lightweight aluminum body has white baked enameloid finish: Specs.; Mirror Dia.: 4"(100mm), Focal Length: 800 mm. Eyepieces. 6; 12.5; and 25 mm Huygenian. Resolving Power: 1.4 seconds. Supplied with stand, sur filter and three experiences. Imported Supplied with stand, sun filter and three eyepieces. Imported.

99 R 72126W Shpg. wt., 10½ ibs.

Net

99 R 70542 Barlow lens for double power. Wt., 6 oz. Net Net 39.95

45x Terrestrial Telescope

250x Astronomical Telescope



Achieve magnification from 55x to 250x with the use of the 2x Barlow Achieve magnification from 55x to 250x with the use of the 2x Barlow lens included, Fully coaded 60 mm achromatic objective lens provides exceptional light gathering power and very low chromatic aberration. 5 x 24 mm view finder with crosshalrs for locating objects quickly. Star diagonal prism for right angle viewing. Sun lens for solar observation. Includes 2 Huygenian eyepieces, 55x H 12.5 mm and 125x H 5.5 mm. Mounted on sturdy wooden extension tripod with declina-tion rod for vertical fine adjustment. Size 34"L x 60"H. Imported. Shpg. wt., 12 lbs.

15 R 21061W No Money Down\*

Net 49.95

View finder for locating quickly

· Fully coated 40 mm objective lens Adjustable focal length for 15x-30x and 45x

Easy to use terrestrial telescope, Ideal for amateur astronomers, students, hobbylsts. Built-in erecting system for righting stars. Fully coated 40 mm objective lens for high light gathering power. Adjustable focal length for 15x—30x and 45x magnification. View finder for locating quickly. Rack and pinlon gear for easy focusing. Mounted on metal table tripod with rubber tips. Size: 27"L x 12"H. Imported. Shpg. wt., 4 lbs.

15 R 21079

#### PEN-SCOPE

- 8 Power Telescope
- 30 Power Microscope

The 8 power telescope with adjustable sliding focus barrel that extends to over 8 inches, collapses to 51% and fits easily in pocket. Barrel slips off to convert to a 30 power microscope. Nickel-plated metal case with pocket clip. Dia. only 5/16". Imported.

99 R 71987L Shog, wt., 5 oz.

Net 2.19

#### 2X BARLOW LENS



Provides greater eye relief even on short focal length eyepleces. Sharpens definition and reduces Image deterloration by permitting use of lowpower eyepieces to achieve high magnification. This also provides for greater Illumination and a wider field. Accepts eyepieces of 24.5-mm (.97") 0.D. and fits draw tubes of that size. Imported 99 R 70542 Shpg. wt., 6 oz.

## Selected Scopes—Optical Accessories

#### LAFAYETTE 8-25X 30-mm ZOOM SPOTTING SCOPE

- Zoom Any Power From 8X to 25X
- Quick Focusing With Table Top Tripod

An outstanding varipower spotting scope that is ideal for any "spotting" need in field or general use...shooters, bird watchers, etc.
Features 30 mm coated lens for brilliant viewing. Fingertip controls
for quick zooming and focusing. Has a built-in camera tripod socket.
Includes a table-top tripod with rubber-tipped legs that prevent
scratching of furniture. Compact, lightweight and portable... ideal
for taking it everywhere you go. Complete with black, zippered carrying case with convenient belt loop. Overall length of scope is 12".
Imported. Shpg. wt., 3 ibs.

Net 15.95

Net 15.95

99 R 71920

DELUXE 13-40X 40-mm ZOOM SPOTTING SCOPE ● Zoom From 13x to 40x Power ● 40 mm Objective Same unique design as alove but with extra power and larger 40-mm objective. With tripod less case. Overall Length 16". Net 21.95





Any power from 15% to 30% Ideal for any "Spotting" Need. Pan-head, elevator tripod mount included. Perfect all round scope. Powerful, small lightweight, brilliant viewing. Minimum focusing distance 82 ft. All aluminum and chromed brass. Imported. Shgs. wt., 4% lbs.

15 R 64061 Net 46.95 The perfect companion for shooting, hunting and nature fans. Field of view is 85 feet at 1000 yds.! High relative brilliance due to 60mm objective lens. All optics are coated. Equipped with a 11½" tripod and zippered leather carrying case. Minimum focusing distance 60 ft. Imported. Shpg. wt., 24/lbs. 99 R 79153

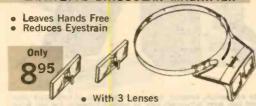
10X30mm TELESCOPE with TRIPOD 895

Portable-Compact-Lightweight

A 10 power, 30mm internal (front) focus telescope that is compact, lightweight and portable—dieal for taking it everywhere you go. Features coated achromatic lenses, Has built-in camera tripod socket. Sturdy tripod suppiled with rubber-tipped legs. Minimum focusing distance 14 ft.

15 R 64046 Shpg. wt., 134 lbs. \_\_\_\_ Net 8.95

#### LAFAYETTE BINOCULAR MAGNIFIER



Ideal for technicians, inspectors and hobbyists. Precision ground and polished lenses for very close work without eyestrain. Headband adjusts to any head size, Lenses can be changed with pushbutton ease for three magnifying powers. Filp up viewer may be worn over eyeglasses. Supplied complete with 3 lenses—2X, for 9° working distance; LSX for 5½° working distance and 3X for 4½° working distance. Imported, Shpg. wt. 1 lb. 99 R 72068

#### LAFAYETTE OPTICAL MICROMETER

- Direct measurements to .005"
   Measures Diameters Radii Angles
- Linear scale in inches

High quality optical micrometer using a triplet iens system of approximately 7 power. Triplet system affords a wide flat field of view. Extremely accurate reticle of etched glass. Osinch linear scale calibrated to .005 inch. 10 mm scale calibrated to .2 mm. Hole diameters from ½ to ½" and from .005 to .03". Thickness scales from ½ to ½". Radii from ½, to ½" and angles from 0 to 90°. Accurate ta edge of 1" field. Adjustable focus. Complete with leather case. Imported Shope with 80°. Imported. Shpg. wt., 8 oz.



MAGNA SIGHT-MASTER 3-D BINOCULAR MAGNIFIER

As Low

Leaves Hands Free

Net 17.95

- Reduces Eyestrain
- 3-Dimensional
- Can be Worn With or Without Glasses

A precision optical instrument enabling anyone to do very close work and see it clearly in 3 dimensions. Adjusts to any head alze comfortably. No moving parts to replace. Ideal for hobbyists, repairmen, inspectors and technicians. Available in 4 sizes. Imported. Shigs. wt., 9 02.

15 R 20055 1.75X, 14" Working Distance 15 R 20063 2.25X, 10" Working Distance 15 R 20071 2.75X, 8" Working Distance 15 R 20089 3.5X, 4" Working Distance Net 4.95 Net 5.75 Net 6.50

#### PROJECT-A-SCOPE

- Projects Giant Pictures in Color or Black and White
- Films or Negatives Not Needed

Handsome projector molded of heat and abuse resistant, hi-impact plastic for long life. Casts sharp, giant-size enlargements on any white wall or screen in brilliant color or black and white. Simple to operate. Can be used by students. artists, lecturers and demonstrators. Children can project comics or story books to amuse themselves and their friends. Uses ordinary household bulbs. U/L listed. 110 volts. AC-DC. Shpg. wt., 24/2 lbs.

See Page 22 for Full Credit Details on Easy Pay Plan

## Lab and Field Research Equipment

80-WATT ULTRASONIC CLEANER



 High Capacity—½-Gallon Tank 80-watt Average Output Generator

A new standard of time-saving, immaculate cleaning. A special transducer located in the solvent tank is excited by an ultrasonic generator (at 90,000cps). It sets the solvent in agitation, producing microscopic bubbles (cavitation) which disintegrate dirt particles. Soil can be removed from the finest crevices without damage to delicate parts. Ultrasonic Cleaner consists of a 80-watt pulse generator and a ½-gallon cleaning tank. Tank constructed of stainless steel with 4A grade polish. Specifications: input 110-1174, 50/60 cycles; Output 90 kc—80 watts, avg., 320 watts peak. Tank, inside dim., 54°L x 5¼°W x 4°D. Complete with 4° connecting cable. Exterior of Tank and generator finished in baked enamet gray. See listing below for solvents. Shag. wt. 20 ½-bbs. A new standard of time-saving, immaculate cleaning. A special transsolvents. Shpg. wt., 20 42 lbs.

15 R 85017W No Money. Down\*

#### 30-WATT ULTRASONIC CLEANER

For cleaning small manufactured parts — electrical contacts, contact lenses, dentures, bearings, lewelry, etc. Generator output 30 watts average, 120 watts peak. Inside tank dimensions: 3%x3%x3° deep, 1-pint capacity. See listing below for solvents.

15 R 85025W No Money Down\* Shpg. wt., 24 lbs.

#### 120-WATT ULTRASONIC CLEANER

An extra high capacity cleaner widely used in electronics, automotive and other precision instrument fields. Valuable in all areas of applied medicine. 1½ gallon polished stainless steel tank size (inside): 12". x 6" W x 6"M. Generator output: 90 KHz @ 120 watts average. 480 watts peak, with illustrated reference manual. See licking helps for columb listing below for solvents.

15 R 85033W No Money Down\*

Net 259.95



40-WATT ULTRASONIC CLEANER

Model LP-1MD. Completely self-contained easy-to-handle ultrasonic cleaner capable of serving a variety of cleaning applications. Automatic 5-minute time switch turns unit off when cleaning cycle is finished. Control dial for Low and High Power Operation. Stainless Steel worktop and sides protect unit against spills and splashes. One-Pint Stainless Steel cleaning tank cannot be marred or harmed by any normal cleaning agent or solvent, warm or cold. Ideal for removing grease, tar, wax, sulphides, fluxes, and fingerprints from components, miniature mechanisms and a variety of other precision parts. Generator Freq.: 90 KHz., RF input power: 40 watts. Uses no tubes or transistors. Dimensions 94/x85x43%". See listing below for solvents, Shipe, wt. 746 lbs.

solvents. Shpg. wt., 71/2 lbs. 15 R 23026 No Money Down\*

Net 69 95

#### **ELECTROMATION SOLID STATE** ULTRASONIC CLEANER



High frequency ultrasonic cleaner vibrates 77,000 Hz., per second. Ideal for hobbyist, artist, draftsman. Cleans jewelry, coins, contact lens by disintegrating and dissolving dirt particles. Transistorized, all metal unit with stainless steel cleaning cup 21/4" dia. x 11/2" deep. Sample cleansers, jewelry brush and tweezers included. 115 volts, 60 Hz. Shpg. wt., 3 lbs.

15 R 23042 Net 29.95

Ultrasonic Cleaning Chemicals. Shpg. wt., 10½ lbs. per gal. 15 R 85041 Ammoniated Detergent, 1 gal. Net 6.35 15 R 85058 Detergent Concentrate, 1 gal. Net 6.50 15 R 85066 Zero Residue Fast Dry Solvent, 1 gal. Net 5.70 Net 6.50 Net 5.70 SUGAR REFRACTOMETER



· A Modified Abbe Design-Reads Percentage of Sugar in Solution

Completely Portable—Fits in Pocket

Accuracy ± 0.2% for Low Range Instruments—± 0.5% for High Range

Tot filgh Kange. An accurate hand sugar refractometer. Designed for accurate measurements of the percentage of sucrose or dissolved solids in solution. Particularly suited to the sugar industry. Permits accurate measurements, in the field, of sugar percentage in fruits and vegetables. Equally suitable for use in the "fulce" industry, in canning plant lab, candy, chocolate and jelly industries, soft drink plants, brewerles, argricultural as well as in other phases of chemistry and clinical pathology. Simple in operation—no moving parts except the focusing eyepiece. Completely color corrected optical train, perfectly clear field. Range of 0-32%, reads directly to 0.2%, easily estimated reading to 0.1%. Accuracy ±0.2%. Includes adjusting screw driver, temperature correcting tables, leather carrying case. and straps. Imported. Shps. wt.. 1¼ bs. and straps. Imported. Shpg. wt., 11/4 lbs. 99 R 70369L No Money Down\*

#### DIRECT VISION SPECTROSCOPE



Focusable Field

• Focusable Field

A simple accurate instrument for the spectroscopic analysis of emission spectra from light sources, vaporized chemical salts, solids, liquids and the Solar Spectrum. Convenient for experimental and student use. A broad dispersion field of high intensity is obtained from several dispersing prisms of matched glass, while a high grade optical system yields good resolution, sufficient to separate 5769.6A° from 5790.6A° in the spectrum of a fluorescent lamp. The slift is preset and can be focused sharply by means of an eye piece draw-tube, assuring easy viewing and establishment of Fraunhofer lines of the Solar spectrum or bright lines of the emission spectra. Metal parts are made of chrome-plated, corrosion-proof brass. Supolied in fitted case. Imported. Shoe. wt. 10 oz. brass. Supplied in fitted case. Imported. Shog. wt., 10 oz.

#### ULTRA-VIOLET HAND LAMP



An economical, compact, self-contained source of both short wave An economical, compact, self-contained source of both short wave and long wave ultra-violet light of medium Intensity. For lab, home and field use where high intensity is not required. Operates from either AC house current or batteries. Easily carried—weighs only 1 lb., 14 azs. Portability extends its uses. Typical applications: fluorescence demonstrations, mineral determination, prospecting. Special circuit has been designed for high efficiency, low drain operation. Tubes are easily replaced. Separate, extra large filters for short wave and long wave and switch for independent operation of each source. Includes 6 identified mineral samples and a 12-page book which describes some of the many uses of ultra-violet radiation. which describes some of the many uses of ultra-violet radiation. Comes complete ready for use—for 110-120 volts 50/60 cps. AC. Less batteries (2-45V "B" batterles required for portable use). Battery adapter case optional. Size: 5½ x 2 x 8½". Shpg. wt. 4½ lbs. 15 R 45045 Net 39.75

Battery Adapter Case with adjustable shoulder strap. Shpg. wt.,

134 lbs. 15 R 45052 15 R 45052 32 R 48101 Shpg. wt., 2 1/4 lbs.

#### U/V FLUORESCENCE ACCESSORY SET

Contains 16 different items including: invisible water paint (4 colors), invisible tracer powder, invisible writing ink, phosphoragram, UV transmitting and absorbing clear plastic, invisible dye, 10 yds, fluorescent elastic cord. 48-page "Story of Black Light" book of experiments. (Not Illustrated). Shpg. wt., 242 lbs. 15 R 45060

See Page 22 for Full Credit Details on Easy Pay Plan



## **ARC** Welding Outfits

CONTINUOUS MANUAL DUTY CYCLE



BO AMP Outfit No Money Down

Complete 175 AMP Dutfit No Maney Down

#### 80 AMP ARC WELDING OUTFIT

- Continuous Manual Duty Cycle
- 9 Heat Ranges, 20-80 Amps. Model 80A hardworking portable welder, industrial type, Built for continuous welding on a wide variety of jobs far maintenance men, plumbers, steam-fifters. Repairmoney-saver for farm, home, garage, shop. Dual coil construction, Primary amps. 29. Power factor, 80%. Arc volts, 25. Welded

#### HEAVY-DUTY 125 AMP

Model 125A above, but super-industrial type for fast production and maintenance, featuring 16 instant heat stages ranging from 20 to 125 amps; handles 1/6" to 1/2" rods on • Handles 1/4" to 1/4" Rods on Work up to 1/4" thick

metal cabinet 91/4x121/2x91/4". Complete with head shield, ground, power and welding cables, assorted electrodes, electrode holder, 3-prong plug, ground clamp and easy instructions. Plugs into a 115-volt line fused for 30 amps 50/60 Hz AC. Shpg. wt., 364a lbs. 13 R 20514W Net 79.95

#### ARC WELDING OUTFIT

metal up to 42" thick. Plugs into 115 volts line fused for 35 Amps. Shpg. wt., 79 lbs. 13 R 20522WX Net 124.95

#### CARBON ARC TORCH

Increases versatility of any are welder. AC or DC. Welds, solders, cuts, etc., all metals. Handles up to ¼" carbons; use in heat ranges up to 125 amps. Two 5 ft. cables, lugs, four ¼" cored carbons. Shpg. wt., 2 lbs. 13 R 20530

Net 9.95

## DYNAMIC

MARK

PORTABLE ELECTRIC ARC WELDER



No Home Workshop Should Be Without One

Complete 95 Ready To Use

- Weld-Braze-Solder-Cut
- Produces 11,000° Heat Operation on 110 Volt Line

Practical, dependable unit that produces professional welding—Save time, money by making your own repairs. Cuts and welds up 14" metals with 14" welding rods and 14" carbon. Completely portable. Simple instructions explain how to make spot repairs. Weld-braze-solder-cut on most metals. Ideal for use around home-shop-farm-even repair auto bodies. Includes welding and carbon rods. Protective mask, holders. 10 ft. N.D. cables, ground clamp, brazing rods, flux, solder and instruction manual. For 115V AC or OC. Fused for 30 amps. Shgr. wt., 744 bs. Net 19.35 13 R 20548 Net 19.95

#### MINI-TORCH BLOW TORCH AND SOLDERING KIT

Pencil Size With Pinpoint Flame-Solder-Brazes

. Kit Includes 2 Chargers Complete

Kit 95

An extremely useful and highly efficient miniature blow torch A high heat, 3500°F, pin point flame delivers instant power. Unit is less than 7" long from end to end. Charged by a butane cartridge which gives 30 minutes of continuous service. May be turned on or off at any time. Economical throw-away cartridges can be stored indefinitely. Entire unit weighs approximately 4 oz. A true portable high heat torch. Ideal for repairs on wiring radio—TV installations—appliances—pipes and plumbing. Wonderful for making putty soft and workable, Supplied complete with 2 chargers, soldering tip and coil of rosin core solder. Sheg. etc., 8 oz.

Shpg. wt., 8 oz. 13 R 45073 Extra chargers. Pkg. of 4. Shpg. wt., 7 oz., Net 1.39

#### MICROFLAME BRAZING ROD KIT

· For Hobbyist, Model Maker. Technician, etc.



Deluxe Brazing Kit enables you to securely join together all the various metals found in the home or shop. Includes 18 silver and 6 aluminum flux, sandpaper, "Floerfax" board, and instruction manual. Shpg. wt., 1/2 lb.

#### - BRAZING RODS

Silver Solder Brazing Rods (Pkg. of 12—6" long) 14 R 42557 Shpg. wt., 4 oz. Aluminum Brazing Rods (Pkg. of 6—6" long) 14 R 42565 Shpg. wt., 2 oz.

Net per Pkg. 2.59 Net per Pkg. .99

See Page 22 for Full Credit Details on Easy Pay Plan

## MICROFLAME\*

GAS WELDING TORCH SETS

as low as

B

WELDS, BRAZES, CUTS MOST METALS

Completely Self-Contained Torch Produces 5000°F Pin-Point Flame

A Miniature Torch Set

Miniature gas welding torch for precision welding, brazing and cutting jobs. Pin-point flame produces high heat in a very selective area. Many uses in printed circuit repair, jewelry repair, shop, dental lab, tool and model making. Hand-held, lightweight torch has self-contained oxygen and LP cylinders which are easily replaced. Up to 20 minutes of continuous heat. Cylinders last indefinitely when not in use. Complete torch with 3 tip sizes, 1 cylinder butane, 1 cylinder oxygen, paskels and instructions. Overall size: 51/4Lx2Wx11/4" thick. See additional accessories at left.

14 R 42508 Shpg. wt., 1¼ lbs. 14 R 42516 Butane Cylinder (Pk. of 2) 14 R 42524 Oxygen Cylinder (Pk. of 2)

#### B Deluxe Miniature Torch Set

Deluxe miniature forch set is similar to basic torch set above but includes 6 oxygen cylinders, 3 LP gas cylinders, spark igniter, welding tips, 10 Silver Solder brazing rods, a two-way bench bracket for mounting on bench or pegboard, Jar of Flux plus booklet on "How to Weld" property. Comes with storage case. Shpg. wt. 27½ lbs.

14 R 42532 Net 26 95 14 R 42516 Butane Cylinder (Pk. of 2) 14 R 42524 Oxygen Cylinder (Pk. of 2) Net 1.49

341



#### 100/140 WATT "EXPERT" SOLDERING KIT

- Includes Gun, 3 Tips, Wrench, Flux Brush, Aid Tool, Solder, Sturdy Carry Case Plus Instructions Prefocused Spot-Light Illuminates Work
- Dual Heat Gun UL Listed

MODEL 8200-PK. Just the thing for the novice or professional, Com-MODEL 8200-PK. Just the thing for the novice or professional, Compact design and built-in prefocused spotlight eliminates maneuvering difficulties. Break-proof plastic utility case can be used to hold other parts or tools. Weller Expert Soldering Kit features the 8200 gun with exclusive tip Grip which assures constant heat. Dual heat feature gives choice of 100 or 140 watts with the pull of the trigger. Accessories include 3 durable soldering tips, tip changing wrench, nylon flux brush, soldering aid to facilitate difficult connections and all purpose solder. All the Items you need for first-class solder connections are packed in a high impact plastic case. Ut listed.

13 R 39159 Shpg. wt., 444 lbs. Net ea. 8.95 Lots of 3 Net ea. 7.85 Net ea. 8.95 Net ea. 7.65

#### B 100/140 WATT DUAL-HEAT GUN

Lots of 3

Net ea. 7.25 Net ea. 6.25

PROFESSIONAL SOLDERING IRONS



soldering, kit building and production work. Extremely rugged stainless steet barrel construction, tong life industrial grade double coated tips. High efficiency. Popular pencil styling. Only 7%" long; 134 oz. Complete with tip and 2 wire cord. For 120 Volts, 60 Hz AC, Shpg. wt., 7 oz.

Stock No.	Mfg. No.	Description	NI40		Each 12+
13 R 39415 13 R 39597	WP-25 25 WP-40 40	watt Iron, with 1/4	" tip	4.95 5.80	



The automatic electric glue and caulk gun features rapid heat up, indicator and work light, automatic glue feed, drip proof with automatic flow control valve. The glue sets by cooling—instead of drying—in about 20 seconds. Firm bond in just 30 seconds. Includes: 7 sticks of glue, caulk, stand and a handy case. Capacity 150 W., for 120 VAC, 2 wire cord. Shpg. wt., 242 lbs.

120 VAC, 2 wire cord. Shpg. wt., 2½ lbs. 13 R 39605 13 R 39613 Pkg. of 20 Glue Sticks Shpg. wt., 6 oz. 13 R 39621 Pkg. of 20 Caulk Sticks Shpg. wt., 6 oz. Net 1.20

#### 240/325 WATT HEAVY DUTY SOLDERING KIT

MODEL D-550 PK. A Professional Meay Duly soldering Kit teaturing the dual-heat 240/325 watt Weller gun. Everything needed for hundreds of applications in Hobbies, Shopwork, Household repairs. Case can be used as took it funch box or tackle box. Kit contains D-550 Solder gun. All purpose solder, Cutting Tip, Soldering Tip, Smoothing Tip, Tip Changing Wrench and Instruction Booklet, Replacement and accessory tips are available at low cost to fit special applications. Entire kit is enclosed in a high impact plastic case with carrying handle. UL listed. Shpg. wt., 4½ lbs.

Lots of 3				*************	Net	ea.	12.75
Model D-550	240/325-Watt	Heavy	Duty	Soldering	Gun.	UŁ	tisted
Shpg. wt., 334	Ibs.						
							11.65
Lots of 3					Net	62	10.45

145/210 WATT PROFESSIONAL SOLDERING GUN MODEL D-440. New High Wattage. Guns—these latest professional Model Soldering guns have everything! Increased wattage—dual spot-lites—rugged plastic case—featherweight balance. Come equipped with cord, plug and one tip. For 110-120 volts, 60 Hz, AC, Model D-440, Dual-heat type, 145/210 watts, UL listed, Shpg. wt., 3¾ lbs 13 R 39167 Net ea. 10.80

#### WELLER REPLACEMENT TIPS & PARTS

Steck	No. 1	Гуре	Description Avg. shpg. wt., 3 ez.	Net
13 R	19191	7300	Copper Tip. pkg. of 2 for B. S-107, D-207	.79
13 R	39225	7135		
13 R	39233	7135N		
11.0	29256	7250N	Tin Nute Tin 6-500 0-550 82504	.79
			Smoothing Tip for D-550, 8250A	
				1.20
			Switch for all Dual-Heat Models	
13 R	39530	ST-4	%" Screwdriver Tip for WPS	1.00
	13 R 13 R 13 R 13 R 13 R 13 R 13 R 13 R	13 R 39191 13 R 39209 13 R 39227 13 R 39225 13 R 39234 13 R 39274 13 R 39286 13 R 39308 13 R 39308 13 R 39318 13 R 39423 13 R 39449	Stock No. Type  13 R 39191 7300 13 R 39209 8125 13 R 39217 8125N 13 R 39225 7135 13 R 39233 7135N 13 R 39256 7250N 13 R 39276 6110 13 R 39296 6130 13 R 39316 7323 13 R 39316 7323 13 R 39318 7324 13 R 39443 ST-2	13 R 39191 7300 Copper Tip, pkg. of 2, for 8, S-107, D-207 13 R 39209 8125 Plated Tip, pkg. of 2, for 8200, 81008 13 R 39217 8125M Tip Nuts with Tip for 8200, 81008 13 R 39255 7135 Copper Tip, pkg. of 2, S-400, D-440, 8100 13 R 39233 7135M Tip Nuts with Tip for S-400, D-440, 8100 13 R 39256 7250N Tip Nuts, Tip, S-500, D-550, 8250A 13 R 39282 6120 Smoothing Tip for D-400, 8100, 8200, 81008 13 R 39290 6130 Cutting Tip for D-550, 8250A 13 R 39308 6140 Smoothing Tip for D-550, 8250A 13 R 39316 7323 Switch for all Single-Heat Models 13 R 39324 7324 Switch for all Dual-Heat Models 13 R 39313 ST-1 ½" Screwdriver Tip for WPS 13 R 39431 ST-2 ½" Screwdriver Tip for WPS 13 R 39431 ST-2 ½" Screwdriver Tip for WPS

#### SOLDERING IRON KIT



• Develops 750° Tip Temperature

Model SP-23-K perfect iron for hobbylst and professional. Pencil tips permit ac-curate soldering of connections or joints. Kit contains: 25 watt iron; 5 ft. 60/40 Rosin core solder; 3 pre-tinned plated copper tips; solder aid tool and instructions

## **Soldering Guns—Irons and Aids**



Comfortable, contoured grip offers long periods of use without strain, 30-watt ventilated element is just right for working on printed circuits and miniature electronic equipment. Designed for extra long life and dependable service. Easily replaceable tip, Imported. 115 VAC. Shog, wt., 34 lb.

99 R 80814

99 R 80285 Replacement Tip, Shpg, wt., 2 oz.

Net 39

#### LAFAYETTE 30-WATT SOLDERING PENCIL



Exceptionally Cool Running!

Nine inches long—weighing a mere 2 oz. less the cord—for reaching easily into "parts-packed" chassis. Especially swited for precision electronic wiring. Highly stable heating assures long life. Replaceable screw-in, mickeliplated copper tip. 110-120v AC/OC. Imported, Shpg. wt., 1/2 lb.

99 R 80277 99 R 80285 Replacement Tip

Net 1.79 Net .39

ORYX-TELVAC --- 15 W. MINIATURE PLUG-IN SOLDERING IRON

895

 No Transformer · Weighs Only 1 oz.

Model 115:151. 15 watt minature plug-in Iron for light production, laboratory, and service use. Furnished with 4½' cord. No transformer, Heats quickly in about one minute to 725°F, Supplied with %" J tip, Ready to plug in, For 110 V AC. 13 R 78181 Shop, wt., 6 02.

#### Turner BLOW-TORCH KIT

Model HT-99 Everything the home handyman needs to sweat fittings, solder and bend metal. All brass torch with improved pencil point burner assembly, heavy duty burner tip for larger flame, chisel point solder tip, brass flame spread, spark lighter and tank of fuel, Durable steel chest. UL listed, 6x 10½,32°. Wt., 5 lbs.
13 R 28503 Met 8.95
Super capacity fuel tank.

Super capacity fuel tank. Fits all standard propane torches, stoves, lanterns, etc. Shpg. wt., 24/4 lbs. 13 R 26511 Net 1.49





Model 450K4. Complete soldering kit designed to handle Model 490%. Complete soldering Mt designed to handle every soldering job from the most delicate printed circuit to rugged sheet metal work. Kit contains Model 450 25/450 watt gun that automatically regulates heat to suit the job and three interchangeable tips for 25 to 450 watts of heat power. Complete with solder and convenient carrying-case. UL listed, Shpg. wt., 4 lbs. Net 13 95

LIGHTWEIGHT SOLDERING PISTOL

## A 75 . Instant Heat-Fast Cooling Spotlight Focuses on Work

Trigger On/Off Switch

WEN 73. A finely balanced soldering pistol for delicate and heavy jobs. Draws only enough current necessary with ATR—50w surge and 30w operating produces 100w heat. Transformer voltage is low for cool handling. 120W AC. UL listed. Shpg. wt., 134 lbs.

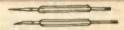
Shpg. wt., 3 oz. WEN REPLACEMENT TIPS					
Stock No.	Type	Description	Net		
13 R 65220	45F7	25-100w Tip for 222,450	1.39		
13 R 65238	45M7	100-200w Tip for 222,450	1.39		
13 R 65246	45A7	200-450w Tip for 450	1.39		
13 R 65204	75A7	Std. Tip for 75	1.09		
13 R 65212	7587	Fine Tip for 75	1.09		
13 R 65295	1984	Repl Tip for 100	.49		
13 R 65253	4557	Plastic Cutter Attachment for			
7,000		222 and 450	.69		
13 R 6526#	45P57	Flat Iron Attachment for 222 and 450	.69		

LOCKING FORCEPS



Set of 5 spring loaded aluminum heat sinks to protect components while soldering. Includes 14½" and 2½" straight and bent jaws, and one 2½" with magnetic base for use as a third "hand." 14 R 15017 Shpg. wt., 4 oz.

· Use as a Third Hand BEAU-TECH SOLDERING AIDS



Hard-chrome plated tips to shed solder with both ends insulated from one another. Spade end for scraping joints, connections or ream-ing out lug holes. Shpg. wt., 3 oz.

Ste	) Ç	No.	Het	ea.
			Printed Circuit-Straight Tip	
			Printed Circuit-Angled Tip	
			Printed Circuit-Scraper Tip	
			Straight Tip	
14	R	24050	Angled Tip	.19

You Can Depend On Latauette For Quality Tools-Low Prices

Lafayette Cat. No. 720

## **Ungar** Standard Line Soldering Tools



777 pencil-type irons sport a cool-to-hold 777 pencil-type irons sport a cool-to-hold grip! Spring sockets accept a wide range of thread-in elements, tips and tiplets, give you the right tip and the right temperature. For exacting work on miniature, sub-miniature and printed circuits. Full length insulated cord. UL listed, 5" long, Shog, wt., 5 oz.

Stock No.	1-0	Net ea. 10-49	50 and up
13 R 21868	2.02	1.66	1.51

#### HEATING UNITS



For use interchangeably with any tiplet except of for 800 and t for 100 series only fron base, silver plated. Av. shpg. wt., 4 oz., For 115V. AC-DC

No.	Type	0.000		Met E	nch
Stock	Type	Description	Fig.	1- 10-	SO Up
13R21405	4045*	Super HI-H 850° 471/2		.67 3.01	2.75
13R21413	4035		eat 13	.67 3.01	2.75
13R21421	4037†	High-Speed		\$7 3.01	2.75
13R21439	1235	Hi-Heat 750° 371/2	12	,53 2.08	1.90
13R21447	535	Standard 650° 231/2	w 11	.75 1.44	
13R21454	1237,†		22	.53 2.06	1.90

 Interchangeable Tips & Heating Units

· Complete with Handle. 371/2W Heating Unit, 3 Tips.

598

Worthy soldering package for electronic assembly and service. Features perfect balance handle with "Clean-Cool" grip. #1237 heat-ing unit. 3 interchangeable thread-on-copper fisted, Shpg. wt., 8 oz, 13 R 21900

6-up 4.92

#### TIPLETS and MINI-TIPS **ELEMENT UNITS with TIPS**

7070 TECHNICIANS SOLDERING KIT



Thread-in and thread-on soldering tips. Made of super tough copper alloy. The PL series is iron clad and silver plated. Others are unplated. The 100 series Mini-Tips, ¾kx½" 0.D., are used with 1237 and 4037 units only. The 300 series tiplets. 1Lx½"0.D. are used with heating units 535, 1235, 4035 and with the Princess soldering irons. The 800 series Tiplets, ¾"0.D. for high heat transfer, are used with the 4045 unit. 833 and 834 1½"L. 823 and 824 are 1"L. Avg. Shpg. wt., 3 oz

			et El	
		1-	10-	50
	Stock No. Model Fig. Type	9	49	Up
	13 R 21629 PL 111 A Pencil	.93	77	70
	13 R 21637 PL 113 B Chisel		.77	
	13 R 21645 Pt 331 C Pencil		.59	
	13 R 21652 PL 332 D Offset			
	13 R 21660 PL 333 E Chisel		.59	
٧	13 R 21678 PL 338 F Needle	.72	.59	.54
5	13 R 21686 PL 340 G Micro			
	13 R 21694 PL 823 H Pyramid			
5				
	13 R 21710 PL 833 E Chisel 1			
5	13 R 21728 PL 834 D Offset 1			
	13 R 21736 111 A Pencil	.48	.40	.36
0	13 R 21744 113 B Chisel	40	40	26
	13 R 21751 331 C Pencil			
1	13 R 21769 332 D Offset			
	13 R 21777 333 E Chisel			
0	13 R 21785 823 H Pyramid			
		35		

#### 776 and 777 Handle

4000 Series, Super Ni-Heat. 900°-1000°F tip temperature, 471/2 watts for heavy duty use. Tellurium copper base, plated with Iron and pure silver. For 115V, AC-DC. Av. Shpg. wt.,

т					He	h	
	Stock				1-	10-	50-
	No.	Type	Descrip.	Fig.	9	49	ир
13	R 214	52 403	3 1/4" Ch	sel 1	3,67	3.01	2,75
13	R 214	70 403	6 Pyrami	d K	3.67	3.01	2.75
13	8 214	88 403	9 3%" Ch	iselL	3,67	3.01	2.75

1200 Series, Hi-Neat, 750°-800°F tip temperature. 3742 watts for medium duty use. Silver-plated solid Armco pure iron. "Copper tip. For 115V, AC-DC, Av. shop, wt., 4 oz.

					Ne	Net Each		
	Stock No.	Туре	Descrip.		1-	10- 49	50 ·	
13	3 R 2150	4 123	3°44" Chi 6 Pyramie 9 3⁄6" Chi	d K	2.53	2.08	1.90	
a	ture. 23	1/2 wa	dard, 650 tts for go	enera	l pur	pose	use.	

			Net Each				
Stock No.	Tyne	Descrip. Fig.	1-	10-			
					and the last		
13 R 21520		1/4" Chisel J Pyramid K					
13 R 2154	5 539	36" Chisel L	1.75	1.44	1.31		

#### SOLID STATE SOLDERING GUN



Model 6760 Solid state soldering gun with easy-to-set dual heat control for fast 500° or 900° heat at the flick of a switch. No changing elements necessary, Designed for solid state kit construction, servicing and the professional. No bulky, heavy transformers to cause fatigue and get in the way. Electrically isolated tip for safe, damage-free soldering of IC's and FET's. With pyramid tip, For 117 VAC. Grounded cord set. UL listed. Shpg. wt., 1½ lbs.

4-11 12-up 9.95 8.95 Net .43 Net

13 R 20829
13 R 20837 Replacement Tip 6755 (long chisel)
13 R 20845 Replacement Tip 6753 (short chisel)
13 R 20852 Replacement Tip 6754 (pyramid) Net

#### HOT-VAC DE-SOLDERING TOOL

Ungar

One-hand Operation

1 32

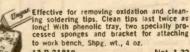
- · Hot-Vac Melts, Removes Solder
- · De-solders, Cleans Printed Circuits

Vacuum action lifts solder from board for easy removal of components. Special tip coating prevents solder from sticking. Handle stays cool, Wt., 10 oz.

shpg. wt., 4 oz.

Stock No.		1-5	6-11	12-Up
13 R 21850		ea. 13.95	11,47	10.45
13 R 21959	Replacement	tip for above	Net	1,29

#### UNGAR KLEEN TIP #400



13 R 21819 Net 1.32 Refill sponge for above. 13 R 21975 Net .53 Ungar

Soldering Irons-Solder

SOI DERING IRON

HOLDER Attaches easily to top underside of bench, or to wall. Angle adjusts

to your con-

13 R 21157 #6800 For Imperial Line 13 R 21165 #8000 For Standard Line Net Fach 2 30 1.73 Ungar

-IMPERIAL 6010 40-WATT SOLDERING KIT-

High Quality Components

Includes: Handle, Cord. Heat Cartridge, and 3 Tins

Slim designed "Perma-Cool" handle uses a heat-sink and a double cushion of air to keep handle cool. Handy octagonal shape prevents rolling. Perfectly balanced for easy finger tip control. Package includes 40-wat heat cartridge that Gelivers up to 950°F tip temperature. UL listed. Shpg. wt., 8 oz. 1.9 10.99 100 um 13 R 21991 13 R 21223 (Repl, tip) Taper chisel Net ea. 9.95 7.95 7.50

PRINCESS MINIATURE SOLDERING IRON KITS

Net .58 PRINCESS DE-SOLDERETTE

· Featherweight only 3 oz.

Operates on 120 Volts AC/DC

Model 6975 Pencil light, aigh heat iron for

critical miniature soldering, provides flexi-bility in tip shapes. Heat capsules and solder-

ing nibs thread into turquoise handle with

PRINCESS SOLDERING STATION Model 6900

Same as kit above but with defuxe soldering

Replacement sponge for Model 6900.

13.65

iron holder equipped with sponge. 7 oz.

9.98

· Complete with 10 Watt Capsule, 3 Copper Tips

fingertip ease. Shpg. wt., 5 oz.

13 R 21876

13 R 21884



HEAT CAPSULES For use with Princess miniature soldering irons. Heat ranges from 400°F (6 watts) to

Stock No.	Modei	Tip Temperature Watt
13 R 21934	6910	550°F to 650°F 1
13 R 21892	6915	700°F to 800°F 1
13 R 21942	6918	900°F to 1000°F 1

Net each 1.9 10.49 50 mm 5.00 4.35 2 85

REPLACEMENT TIPS See Facing Page For Listing Under Tiplets And Minitips. #PL-300 And 300 Series Will Fit Princess Heat Capsules.



For Removal of Microminiature Components...Ideal for I.C. Chip Re-Work and Repair.

Fast ... Safe ... Efficient.

MODEL 6992. 18 watt Heat Capsule melts solder fast. Vacuum tip rated at 5.5 oz. per sq. in. draws melted solder from board for easy removal of microminiature components "Ungarized" white coating inside and out-side of collector prevents molten solder from sticking. Stainless steel tip with .033 aperture prevents clogging. Shpg. wt., 1/2 lb.

1-9 10-49 50 up 13 R 21918 Net Ea. 17.75 15.42 13.65

SPYRALINE SOLDER

60% TIN - 40% LEAD

Lots of .3 .59 ea.

11 ft. of high quality, 1/4" 60/40 activated resin core solder in handy dispenser. Con-

BRIDALINE

#### KESTER SOLDER AND FLUX

compound of Uniform 40% tin and 60% lead with evenly distributed and free-flowing flux. Shpg. wt., 1 lb. spools 1½ lbs.; 5 lb. spools 634 lbs.



10-49 50-ил

1D-49 50-up

10.49

8.65

11.89

Kester "44" Resin Core Solder

14 R 32012 ½," Dia. 3 Oz Box Net .39 14 R 32020 ½," Dia. —1½ lb, Sp. Net 2.09 14 R 32038 ½," Dia.—63a lb, Sp. Net 2.95 14 R 32046 ½," Dia.—1½ lb, Sp. Net 2.19 14 R 32053 ½," Dia.—63a lb, Sp. Net 10.50

Acid Core Salder 14 R 32061 1/6" Dia. - 4 0z. Box Net 14 R 32079 1/6" Dia.—11/2 lb. Sp. Net 2.09 14 R 32087 1/6" Dia.—6% lb. Sp.Net 9.95

KESTER-"44" RESIN CORE SOLDER Very active resin core flux. Non-corrosive and non-conductive. Easily solders zinc, brass, nickel plate and ferrous metals. 50% tin and 50% lead.

14 R 32095 ½," Dia.—1½ lb. Sp. Net 2.49 14 R 32103 ½," Dia.—6¼ lb. Sp. Net 11.30 14 R 32111 ¼," Dia.—6¼ lb. Sp. Net 2.59 14 R 32129 ¼," Dia.—6¼ lb. Sp. Net 11.80

KESTER PASTE FLUX 14 R 32137 2 oz. can

"SAL-MET" FLUX

· Non-corresive

A non-corrosive flux that will solder all metals cleanly and permanently -copper to aluminum, copper to steel, etc. No special treatment of metal required. Packed in 1 oz. tubes. Shpp. wt., 3 oz.

14 R 49016

Made of polished nickel-plated spring steel. Self-Closing Type. 61/2" long, with blunt points. Shpg. wt., 3. oz. 13 R 60858 (A) Net Heavy-Duty Type. 61/2" long, with slide lock and blunt points Net 1.10 Precision Type. 41/2" L. Pointed. 13 R 60874 (C) Net .75 All 3 above in leatherette case. 13 R 60882

G. C. SERVICE TWEEZERS

#### ERSIN MULTICORE SOLDER

5-core construction assures constant maximum flux, Fast melting, non-corrosive, non-sticky, non-toxic, 1-lb, packs in carton and skin wrap for utmost protection, non-oxidation. Shpg. wt., 1 lb spoots 1½ lbs.—7 lb. spoots, 8¼ Ibs



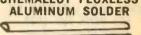
Net 18.95

Net 2.84

tainer is non-flammable—affords insulation when working on a "hot" circuit, Eliminates waste—pull out only what you need. Keeps solder clean and unsnarled. Shpg. wt., ¾ lb. 14 R 39058 60% TIN, 40% LEAD #16 CAUGE 14 R 35031 1½ ib. spool 14 R 35049 8¼ ib. spool SPYRALINE PRINTED CIRCUIT TOUCH UP SOLDER designed for a fast bond without overheating. Melting range of 240°-320°F, for low wattage soldering iron. Safe for Net 3.74 Net 23.95 Net silver, ceramics and transistors. Shpg. wt. Net 24.25 DISPENSER PAKS: In flameproof aluminum tubes. 60% Tin, 40% Lead. Shpg. wt., 4 oz. 14 R 35072 18 gauge, 14 Ft. ... Net .69 Extra Thin 22 Gauge, 21 Ft. 14 R 35080 ... Net .69

4 07 14 R 39066 Net ea. .85 Lots of 3 .75 ea. PRINT-KOTE SOLDER. Non-corrosive flux with low melting solder combined with pure silver, 4 oz. coll. Shpg. wt. 4 oz. 13 R 60098 GC 9131 Net.69

CHEMALLOY FLUXLESS ALUMINUM SOLDER

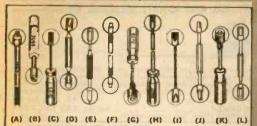


•No Flux Needed—Easy To Use

New, improved, 500° fluxless aluminum solder will solder, braze, or weld aluminum, zinc, potmetals, copper, brass, galvanized metals, aluminized—copperized—tinned surfaces. Solders and "fills" die cast parts.

Package of two 2 oz. Bars 14 R 34018 Shpg. wt., 7 oz.... Net 1.19 1 lb, Package of Assorted Bars 14 R 34034 Shpg, wt., 1½ lbs. Net 2.6

## G.C. Alignment Tools And Service Aids



Average Shipping Weight of all below: 3 Ozs.

S	tock No.	TYPE	Fig.	DESCRIPTION	Net
13	R 60502	5000	A	Metal Tip Alignment Screwdriver	.46
13	R 60510	5066	В	Short Alignment Screwdriver	.40
	R 60536	8195	C	Channel Tuning Tool with 1/a" blade	.78
	R 60619	8282	D	Zenith TV Wrench & Aligner	.37
	R 60627	8606	E	Zenith Nylon Hex Wrench	.48
	R 60635	9087	F	Slug Tuner Adjusting Tool	.75
	R 60668	8273	G	TV All-Purpose Aligner, recessed blade	.99
	R 60700	8987	Н	X-57 Long Stim Screwdriver 7"	.69
	R 60718	8988	H	X-57 Long Slim Screwdriver 12"	.99
13	R 60726	8728A	- 1	7" Defrin Screwdriver	.47
	R 60734	8728	1	12" Long Deirin Screwdriver	.58
	R 60742	9440	3	Transistor I.F. core alignment tool	.63
	R 60759	9298	K	Recessed Driver with 1/8" Blade	.48
13	R 60767	9091	Ł	5" .125 Hex Double End fron Core Tool	.48



#### G. C. STANDARD T.V. ALIGNMENT TOOL KIT

Model 8455. Contains nine essential tools Model 8455. Contains nine essential tools roll-type case: TV K-tran, TV channel tool, TV short tool for RF and IF, TV core aligner, TV universal aligner, TV oscillator tool, TV long reach aligner, TV duplers aligner, TV flex, buning wand, A quality kit—made to last and wear. Complete with case. 13 R 60817 Shpg. wt., 8 oz. Net 6.26

COLOR T.V. ALIGNMENT TOOL KIT



Model 8454 Five different alignment tools for all standard adjustments in color TV. Made of natural Detrin® for extra durability. Includes "Extend-It" which makes each tool a long reach aligner. Each tool is color coded for easy identification. Packed in coded for easy identification. Packed in vinyt pocket saver. 13 R 61203 Shpg. wt., 4 oz. Net 2.49

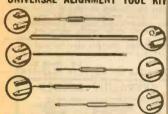
#### CB ALIGNMENT TOOL KIT

 A Must For Every CB Owner Or Repairman

Model 9210 Nine precision adjustment tools for tuning IF transformers, RF coils, antennas, oscillator colls plus countless other fine intricate adjustments. Packaged in a durable plastic carrying case. Shpg. wt., 4 oz.

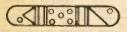
13 R 61237 Net 4.89

#### UNIVERSAL ALIGNMENT TOOL KIT



A handy, all-purpose kit in a convenient vinyl pouch. Kit contains 6 basic essential tools from 41/4" to 7"1, with 12 serviceable sides that will service the majority of TV sets. FM, AM CB. HAM instruments, etc. Shpg. wt., 3 oz. 12 R 30028 Net 2.39

#### WIRE BENDING JIG



Handi-Bender forms wire sizes up to 1/4" Mand-bender forms were saces up to va-dia. Steel slots and steel bending pins make basic bends such as eyes, angles, curves, circles, and for straightening wire. Makes dozens of useful and decorative articles. Complete instructions included.

14 R 70103 Shpg. wt., 1/2 lb.

#### SEVEN PIECE LUBRICANT KIT FOR HOME AND SHOP



Seven different lubricants in a colorful kit for home and shop. Kit stands or hangs. The right lubricant for every job. White Grease—All-Purpose Oil—Graphite Powder The right lubricate of Craphite Powder

Ory Write Lubricant—Liquid Graphite—
Penetrating Oil—Silicone Grease Stick.

Shpg. wt., 1 lb. Shpg. wt., 1 13 R 37500 Net 2.69

REPAIR CRADLE

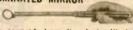
45

G.C. "Quick-Rig" makes radio repair work quick and easy. Complete 360° rotation permits you to lock the chassis at the best working angle, clamps chassis securely and eliminates make shift setups. All metal, sturdy construction. Adjustable width for sturdy construction. Adjustable width fo different sizes of turntables, etc. Shop, wt.

13 R 60890

Net 5.45

#### ILLUMINATED MIRROR



Battery powered, inspecting tool with in-sulated shaft. Locking switch for on-off and one-hand operation. With bulb but less bat-teries, 124/4 long. Shpg. wt., 5 oz. 13 R 60825 Net 2.02

Batteries for above. (2 Required.)
Net ea.



Made of metal shaft with 1" dia. glass mirror and plastic handle. Length 77%". Shpg. wt., 3 oz.

13 R 60148

Net .49

CHEMICALS

As Low As

Pilobond Cement Sticks anything to anything. Dries rapidly waterproof-very high strength. Shpg. wt.,

13 R 60973 2 ozs. Net .60 Red-X Corona Dope. Prevents corona shorts in Hi-Voltage circuits. Flexible—fast drying. 13 R 609812 ozs. Shpg. wt., 7 oz. Net.78 Electronic Contact Cleaner. New red cleaner, made with DE-OX-ID. Fast drying—universal contact cleaner. Shpg. wt., 7 oz. 13 R 61013 2 ozs. Net .60

Service Cement. For repairing speakers and general radio work. Vibration-proof, waterfast drying. 13 R 61062 2 ozs. Shpg. wt., 7 oz. Net .60 13 R 55551

KRYLON TETAL CLEA

CRYSTAL CLEAR ACRYLIC SPRAY

69 EA

Dry in minutes, goes on clearstays clear, tough, pliable, lasting. Prevents deterioration and moisture breakdown of insulation. Preserves and protects. 1 Pint Can.

13 R 14673 Net 1.69 Lots of 3 1.49 ea.

#### **ECCOBOND 26 EPOXY ADHESIVE**



 Sticks Anything to Anything

Handlest bonding agent ever for the lab Handlest bonding agent ever for the lab bench or production line. Repairs tools, hardware, furniture, boats. Features permanent adhesion to metals, plastics, paper, ceramics, etc. Cures in four hours at room temperature—in minutes at 150 F. Can be sanded or worked—takes paint readily. White color Miras eacily. Show wt 8 ps. color. Mixes easily. Shpg. wt., 8 ozs.

14 R 51053 Net 1.95 CORD STRAIN RELIEFS



Package of 5 rubber cord strain reliefs prevents all standard line cords from pulling loose. Fits %" holes for permanent or temporary installations, imported.

Shpg. wt., 2 oz. 99 R 62747 Net .39

24" PICK-UP TOOL

mechanical fingers that will pick-up and hold screws, nuts, and bolts. Just press button to open, release button to close. Flexible shaft. Shpg wt., 7 oz.

Make Lafayette Your One Dependable Source for Everything in Electronics

## **Waldom Solderless Terminals and Connectors**

SOLDERLESS TERMINALS. **CONNECTOR ASSORTMENT** WITH CRIMPING TOOLS



Non-Insulated Type **Terminal Assortment** 

215 Non-insulated Types indicated by asterisk (\*) right, plus Universal Crimping Tool. in handy compartmented plastic box. Shpg. wt., 234 lbs. Met 10.85

Insulated Type Terminal Assortment 138 Insulated Types Indicated by (†) right plus Universal Crimping Tool. In handy compartmented plastic box with hinged cover. Shpg. wt., 245 lbs. Shpg. wt., 2

Met 13.90

Highest quality terminals made of pure copper, electrotin plated. Highest quality terminats made or pare copper, electrosin plated, insulated types have permanently attached rigid vinyl sleewes, Crimp on rapidly and make positive, uniformly reliable connections. Column (headed "type"; ST is Spade Tongue; HT is Hook Tongue; FS is Flanged Spade; RT is Ring Tongue; BC is Butt Connector (length of non-insulated %,", insulated %,"); QDM is Quick Disconnect Male; QDF is Quick Disconnect Famale; NI is Nylon Insulated Closed End Connector. Avg. shpg., wt., 4 oz.



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- Waldom Radio and TV Hardware -



Fig.	1—Vinyl Gr	ommets	- 1	Fig. 5-Metal Waskers, Ni	ckel Plat	ed
Stock No.		Oty.	Net	Stock No.	Qty.	Net
13 R 43912	1/6"	25	.59	13 R 42534 Assortment	100	.59
13 R 43920	3/4"	20	.59	Fig. 6-"C" Washi		-
13 R 43938	1/4"	18	.59			
13 R 43946	34"	15	.59	Stock No.	Qty.	Net
13 R 43953	3/8"	15	.59	13 R 42583 Assortment	35	.50
13 R 43961	1/2"	10	.59	Fig. 7—Extruded Fibre	Wachare	
13 R 43979	56"	4 200	.59			
The Part of the Pa				Stack No.	Qty.	Net
Fig. 2-3-Se	ider Lugs-	Hot Tin (Dipp	led	13 R 42609 Assortment	40	.59
Steck No.	Fig. Size	Hole Qty.	Net	- Fig. 8-Tension Spr	nøs-	
13 R 43987	2 #1	6 45	.59	Stock No. Size		Net
13 R 43995	2 #	8 45	.59		Qty.	
13 R 43417	3 #	5 45	.59	13 R 42625 Assorted Large	15	.59
13 R 43425	3 #1	8 45	.59	13 R 42633 Assorted Small	15	.59
				Fig. 9-Rubber Fe	et-	
Fig. 4	-Knob Set	Screws-	_	Stock No. Size	Qty.	Net
Stock No.		Qty.	Net			
13 R 42518 As				13 R 42674 36" O.D.	10	.59
13 K 42518 AS	201 fineuf	20	.59	13 R 42682 54" 0.0.	10	.59



WALDOM HARDWARE KITS 95

SELF-TAPPING SHEET METAL KIT Contains balanced assortment of plated selftapping, slotted hex head sheet metal screws 13 R 73190 Shpg. wt., 34 lb. Net 1.95

MACHINE SCREWS, MUTS AND SHEET METAL SCREW KIT

Packet as above. Contains round-head steel plated machine screws in sizes: 4.40 x ½, 6/32 x ¼, 6/32 x ¾, 8/32 x ¾, sheel metal screws, #6 x ½ and assortment of nuts. Total of 265 pieces. Shpg. wt. ¾ lb. 13 R 73208 Net 1,95

BINDER HEAD ASST. Same as above but machine screws have binder heads.

13 R 73216 Shpg. wt., 34 lb. ... Net 1.95

Net 1.95

WOOD SCREW KIT In same handy box, Contains assortment of 131 round head and flat head plated wood screws in 8 sizes for #4, 6 and 8 holes.

#### 13 R 73224 Shpg. wt., 34 lb. 14b. MIXED HARDWARE ASSORTMENT

In Handy Sturdy Plastic Box

An excellent assortment of popular hardware Items for serviceman, hobbyist, or any homeowner. Provides the parts for an unlimited number of repair jobs. Packaged a handy plastic box 13 R 61245 Shpg. wt., 11/2 lbs.

waldom CRIMPING TOOL WITH BOLT CUTTER



 Crimps Insulated and Non-Insulated Terminals

. Cuts and Strips Wire, and Cuts Bolts

Make connections fast without soldering. Cuts and strips wire 22 to 10 gauge. Wire cutter at tip for close work. Crimps both insulated and non-insulated terminals. Bolk silcer accommodates 6 sizes of bolts, 4-40, 5-40, 6-32, 8-32, 10-32 and 10-24. Black oxide finish for beauty and durability. Insulated handler. sulated handles

13 R 44001 Shpg. wt., ¾ lb. .... Net 5.25

#### CRIMPING TOOLS AND TERMINALS



Wire Cutter.

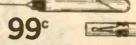
Wire Stripper Includes Assortment of Terminals

Solderless terminal crimp tool cuts any size wire up

te 10 gauge, strip wire easily. Crimps terminals quickly. Easy to use with insulated handles. With assorted solderless terminals and connectors, imported.

13 R 70006 Shpg. wt., 34 lb. .. Net 2.49

#### PRECISION OILER



Instrument for precision oiling. Spout is only .003" dia, Made of stainless steel and butyrate. Filled with clear, non-staining machine oil, Can be refilled, thypo action prevents messy, harmful over-oiling.

14 R 83106 Shpg. wt., 3 oz. — Net .99

347 Lafayette Cat. No. 720



You Can Depend On Lafayette For Quality Tools-Low Prices



## Hobby—Tool Kits

#### DREMEL MOTO-TOOL KITS

- Grinds—Polishes—Engraves—Sands—Dritts
- Precision High-Speed Steel Cutters and Wheel Points

Model 261—Kit. Rugged, compact machine shop with an assortment of fine accessories in a molded polyethylene case. 30,000 rpm for peak performance with small, abrasive wheel points and both high-speed and carbide cutters. Kit contains: No. 260 Moto-Tool with high speed steel cutters, grinding wheels, wire and briste brushes, rubber polishing tip, sanding discs, drum sander and sanding bands, mandrels, dressing stone, finger grip extension, collet wrench, 1/8", 3/32", 1/16", and 1/32" collets. 117 VAC, 5 amp motor. UL listed.

14 R 43043 Shpg. wt., 2% lbs. Net 29.95
Model 260 Moto-Tool only—

14 R 4136 Shpg. wt., 134 lbs.
Model 271—Heavy Duty Moto-Tool Kit. Similar to above but with heavy duty. 8 amp.

No. 270 Moto-Tool. 14 R 43050 Shpg. wt., 3 lbs. No Money Down\* Net 34.95

Model 270 Heavy-Duty Moto-Tool only— 14 R 43134 Shpg. wt., 2 lbs. Net 26.95

#### FLEXIBLE SHAFT ATTACHMENT

• With 1/4" Chuck

Operates off any fixed or portable power drill, enables you to drill at any angle anywhere. Capacity up to 1/4" size drills; 36" overall length, with chuck. Operates on speeds up to 6000 rpm. Imported, Wt., 1/2

13 R 56112 Net 2.95 Coupler to use with motor below. 32 R 64124 Net 30



For motorizing hobby tools, dental and jewelers lathes, sewing machines. 1/15 h.p. motor—5000 RPM full load and 15,000 RPM no load speed. CCW rotation facing shaft and. Steel housing—3½" long, less shaft, x 2¼"H x 2¾"W. Two tapped 10-32 mounting holes on 2½" centers, 1/4" shaft, 3/4" long, Fan cooled, permanent oilite bearings, and external brush openings. 12" cord lead. For 117V AC or DC. For 117V AC or DC. 19 R 24109 Shpg. wt., 2 lbs. ... Net 7.50



#### DREMEL MOTO-TOOL **ACCESSORIES**

(A) Model 223 Universal Stand, Leaves both hands free for holding the work. Adjusts to hold Mote-Tool at any angle. Quick action clamp for receiving and releasing Mote-Tool. Heavy cast iron base.

14 R 43092 Shpg. wt., 31/4 lbs. Net 7.95

(B)—Model 229 Router Attachment. Easily mounted on Moto-Tool. Has calibrated depth control adjustment for precision routing and shaping. Removable edge guide for free hand and surface routing. Instruction included.

14 R 43159 Shpg. wt., 11/2 ibs. Net 8.95 HIGH SPEED STEEL ROUTER BITS

No. 650 1/a" Straight Cutter Bit 14 R 43167 Shpg. wt., 3 oz. No. 652 3/4" Straight Cutter Bit 14 R 43175 Shpg. wt., 3 oz. No. 654 1/4" Straight Cutter Bit Net 2.95 14 R 43183 Shpg. wt., 3 oz. .... No. 610 Convex Edger For Beading Net 2,95 14 R 43191 Shpg. wt., 3 oz. Net 2.95

14 R 43209 Shpg. wt., 3 oz. ... Net 2.95 No. 640 "V" Grooving Bit For Lettering 14 R 43217 Shpg. wt., 3 oz. ... Net 2.95



#### 8-PC. BRUSH AND STONE SET



AND STONE SL.

8-assorted pieces mounted on ½" or ½" shanks. Consists of 3 mounted grinding stones, 2 bristle brushes, 2 wire wheels, and 1 steel bun, Ideal for hobby tools, in handy plastic box. Shpg. wt. 4 oz. 13 R 50024

#### VARIABLE SPEED FOOT CONTROL



 Speed Variable from 0 to Max. Speed of Motor

Regulate the speed of the motor in your sewing machine, hobby tooi, etc. Handles up to 110 watts. 10-ft. cord with 2-way outlet—for motor and light, 1 amp.

12 R 54010 Shpg. wt., 2 lbs.

Net 3.95



Selected assortment of 12 steel burrs of different shapes. Tempered tool steel for use on metal, plastic or wood. \( \frac{1}{2} \)" shanks, in handy plastic box. Ideal for hobby tools. Shop, wt. 3 oz.

13 R 50032 Net 2.49



Six assorted grinding stones and wheels. Set of mounted grinding points, stones, and wheels. Mounted on ½" shafts. An ideal accessory for hooby tools. Shpg. wt., 4 02.

13 R 50016

Net 1.95



No Money Down\*

#### DREMEL DELUXE MULTI-PURPOSE MOTO-SHOP

. 5 Basic Powertools In One Compact Unit

 Jig Saw—Disc Sander—Bench Grinder—Buffing Wheel—Flexible Shaft
Powered By Ball-Bearing 3450 RPM Rotary Motor

Model 572 Lightweight, compact portable multi-purpose workshop with 15" lightweight, compact portable multi-purpose workshop with 15" lig Saw. Flexible accessory shaft attaches directly to power takeoff from motor for drilling, grinding, routing, sharpening, deburring and carving; has oilless bronze bearing, instant action wrenchiess chuck, and neoprene cover. Accessories include: 3-sanding discs, grinding wheel, lothe buffing wheel, wheel wheel wheel with wheel, wheel wheel with the property of the prop Listed, 117V, 60 Hz AC, Shpg. wt., 17 lbs. 14 R 43068W Net 49,95

## **UNIMAT** Miniature Machine Shop

The ALL-PURPOSE 5-in-1 METAL MACHINING WORKSHOP

- Precision Metal-Working Lathe
- 11-Speed Ball-Bearing Spindle. Accurate to 1/2 Thousandths
- Converts to Vertical Mill or Drill in Seconds
- Turn, Mill. Bore, Saw, Buff, Sand. Polish, Grind-Steel, Aluminum, Brass, Plastic or Wood
- Ideal for R&D Labs, Model Shops, Electronic and Home Workshops

SPECIFICATIONS: Complete 5-in-1 machine shop small enough to use on a radio serviceman's bench. Designed as a multi-functional power tool. Converts from horizontal athe to vertical drill press. The changeover causes no wear or boss of accuracy in precision fit parts. The motor-headstock detaches for use as a portable hand drill, power grinder or buffer. Exita attachments available include a very accurate circular saw, saber and jig saw, flexible shaft, lathe bed power feed, threading attachment, precision collets and cutting tools. Belt drive provides 11 speecs ranging from 900 to 7,200 RPM. Motor can also be controlled by rheostat foot switch or SCR power supply

Includes 1/10 HP Brush Type fan cooled motor, drill press arm, column and hand lever, face plate, lathe dog, grindstone arbor, tool post, 2 dead centers, 1/4" Jacobs chuck and key. Allew wrench roughing tool bit, and a spindle return spring. 174z x 1042 x 544" wood chest. 40-page manual. For 115V AC/DC operation. Imported. Shpg. wt., 241/4 lbs.

ONLY 1 4 950 Money Down UNIMAT ATTACHMENTS AND ACCESSORIES

Model DB-1001 3 jaw universal fathe chuck with reversing jaws key and back plate. Shpg. wt., 1 lb.

14 R 10133 Model DB-1210 Milling Table: 5" x 3" with clamps. Shpg. wt. 21/4 lbs. Model DB-1010 Machine Vise: jaws open 11/8". Mounts cross slide or mill table. Shpg. wt., 1 lb. Net 11.50

Model DB-2820: Set of 6 Lathe Tool Bits. 14 P 10059 Net 12.95

Model DB-2860 Tool Kit: 2 tool bits, 4 drills, 2 grind wheels, 2 milling cutters, center drill and countersink bits, 2 chisels, boxed, 14 R 10042 Shpg. wt., 1 lb. Net 19.95 Model DB-1290 Power Feed Attach: 1:50 reduction, feeds .0008" per revolution. Shpg. wt. 4% lbs. Net 29.95

Model DB-1002 4-Jaw Independent Chuck; capacity 21/4". Nat 29 95 Model DB-1080 Jig Saw Attach. Cuts 40 center of 16" circle. 12 blades incl. Shpg. wL, 5 lbs.
14 R 10117 Net 24.95

## Sabre-Lathe Multi-Purpose Shop Tool





Only

t's q . .

Wood Turning Lathe Disc or Drum Sander Sabre Jig Saw **Buffing or Polishing** Bench Grinder **Horizontal Drill** 

A home shop tool that will excite the interest of every home crafts-A home shop tool that will excite the interest of every home craftsmanl Powerful, 3-speed motor provides pienty of drive for every operation. . . unit changes for any purpose in just seconds. Complete with wood turning chisel, sanding discs, sanding drum discs, 3 sabre saw blades, 45° adjustable sanding table. Entire unit is mounted on wooden base for easy portability and stability. Lathe has 18° bed, 4° throat, can be used for spindle or face piate turning. 115 volt, approximately 45 h.p. motor, AC onty. Output speeds 3,700. 3,300 and 3,100 rpm. With illustrated instruction booklet. Mounted on 32° x 6° board, Shgs. wt., 1742 lbs.

13 R 36502W No Money Down\* Net 31.95

#### KNIFE AND TOOL SET

#### Precision Knives

Model 84 knife and tool set. Contains handles. #1 (% x 5" alumnium) for light work; #2 (% x 5" alum) for med. work; #5 (1%, x 4.4%" plastic) for heavy work. Plus 4 assorted routers, 2 different punches, plane, 1" sand er, spoke shave, balsa stripper

11 assorted blades and 4 assorted gouges. A complete wood carving workshop, in wood case with clear plastic cover. Shop, wt., 2½ ibs.

13 R 74230 Net 10.95



#### KNIFE CHEST

Model 42, Handy knife chest. Perfect for model building, photo retouching, shaping templates, cutting insulation, or cutting gaskets. Contains handles #1 for light cutting, #2 for medium work and #5 for heavy cutting plus 11 assorted blades including trimming, double edged and fine cutting. Complete with wood case. Shpg. w., 3/4 lb 13 R 74164

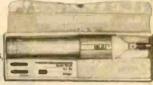
150 Net 4.50

#### X-gcto CORDLESS POWER DRILL SET

595

Drills Wood, Metal, **Plastics** 

Grinds, Drills, Carves. Polishes



Model 376. Powerful, versatile, efficient. Polish-deburr-carve-grind-drill, with new ease! Complete with center punch, grinder, drill bit and 3 precision collets. Drills plastic, wood, light metal. In handy styro foam holder. Embossed case. Less batteries.

13 R 74248 Shpg. wt., 34 lbs.

99 R 62572 "C" Batteries for above; 2 req. ......... Net ea. .16

Replacement blades that fit all X-ACTO tools Avg. shpg. wt., 3 oz. No. 11 for fine angle cutting: deep cuts, narrow spots. 13 R 74073 #11, pkg. of 5

No. 24 for close corner cuts: templates, mats, trimming. 13 R 74123 # 24 pkg. of 5 .. Net .59



See Page 22 for Full Credit Details on Easy Pay Plan

SMALL BLADES

## Electric Tools For the Gardener and Hobbyist



Housing

Lightweight Edger-Trimmer easily frims close-up to trees, foundations, and fences. Turning handle converts unit into a powerful edger, Features 6" tempered spring steel blade, diecast aluminum housing, side grip, finger tip push button switch on handle, fully adjustable trimming height, and oiled-for-life bronze bearings. Requires 115 wolt 50/60 Hz 3 amp, AC motor. Shpg. wt., 91/2 lbs. UL listed. 13 R 36544W Net 19.95

TURNS ON SIDE FOR USE AS EDGER



#### BVI ELECTRIC PENCIL ENGRAVER

 Writes On Metal-Wood-Plastic

 No Heat—Vibrating Point Engraves Keys—Tools—Toys—Jewelry

. . mark, identify and engrave names, design decorator Handy, useful . effects on luggage tags, toys, sporting goods, tools and kitchenware, Automatic with built-in mercury switch, You pick It up—it turns on. Put it down and it turns off, Easy as a pencil, Marks won't erase, smear or rub off, Tough hardened steel point vibrates 7200 strokes a minute, Lightweight 7x3x2". 110 VAC, 50/60 Hz motor. 13 R 80542 Shpg. wt., 10 oz. Net 6.50

#### DREMEL ELECTRIC ENGRAVER

Writes Like A Pencil

Calibrated Stroke Adjustment

Model 290 heavy duty engraver provides a fast permanent method of marking all types of materials. High speed reciprocating motor delivers 7,200 strokes a minute with a calibrated adjustment that regulates the depth of engraving from fine lines to deep marks. Engrave steel, brass, aluminum, copper, sil-ver, plastic, ceramic, glass, pewter, Identify dies and molds, shop and garden tools, pro-duction parts, sporting goods, camera equip-ment, jewelry, etc. Minimize inventory mix-ups, theft, and loss, Complete with solid carbide engraving point. 14 R 43142 Shpg. wt., 11/2 lbs. Net 12.95



BURGESS VIBRO-TOOL KIT

 Versatile Multi-purpose Tool Files—Saws—Cleans-

Carves De-burrs-Engraves—Cuts Grooves

 Complete With 8 Accessories

Performs many operations on nearly any kind of material with its accessories Features motor control switch plus dial setting for engraving depth, Heavy-duty 2-speed motor delivers 3600 and 7200 strokes per minute, Rugged nyion housing. Molded plastic case with accessory storage area. Complete with accessories: Carbide tipped engraving point, knife blade, saw blade, half round chisel ½ inch tool, half south chisel ½ inch tool, half south chisel ½ inch tool, half south chisel ½ inch tool. Not 19.95

#### Black & Decker DOUBLE-EDGED BLADE SHRUB AND HEDGE TRIMMER

· Large 13" Double-Edge Blade



 Front 'Wrap-Around' Handle for Easy Balance

Model 8810 (U-175). Cuts smooth and fast with perfect control at any angle. Deep blade pockets grip and cut foliage fast, efficiently. Adjustable 'Wrap-Around' handle for steady, accurate control, plus 'Sure-Grip' handle with convenient fingertip switch. Strong lightweight die-cast aluminum housing. Durable orange ename finish. 3600 strokes per min., 120 VAC, 60 Hz. 2.2 amps. Shog. wt., 63/2 ibs. Net 17.99



HEDGE TRIMMER ATTACHMENT

 Lock Into Place With Ease

Converts any 1/4" drill into an easily handled hedge trimmer. Cuts, trims and shapes hedges and shrubbery. Extra long 14" blade of Converts any 1/2" driff into an easily handled hedge trimmer. Cuts, trims and shapes hedges and shrubbery. Extra long 14" blade of hardened tool steel. Keen edges for fast shearing action. Steel drive gear—permanently lubricated, Long, comfortable handle. Locks in any of 10 different positions. Light weight-compact, Wt., 2½ lbs. 13 R 50156 Net 7.50

#### PLANER ATTACHMENT

professional tool with hardened A professional tool with hardened and ground carbon alloy steel cutter. Perfect balance and comfortable handle for easy use. Instant, positive depth adjustment and 134" wide cut. Diagonal shearing action planes easily with or across grain, For 1/4" or 3/8" drill, Shpg. wt., 2 lbs. 48 62520. Net 4.95 or 3/8" drill 14 R 62530 Net 4.95



#### SANDER ATTACHMENT

Fits Any Electric Drill

Sand in minutes! For use with all 1/4" or 3/8" drills. Orbital action, ball bearing construction. Complete with three standard size no-load, lewel-hard abrasive sandpaper sheets in coarse, medium and fine grit. Top handle for easy handling. 14 R 62522 Wt., 31/4 lbs. Net 4.95



## WHIZZ-DISC

· Will Cut or Shape Anything Including Steel



Cuts through the thickest materials—steel, brick, plastics, Superhard silicon carbide particles embedded in tough resilient fabric form a shatter-proof, safe-to-use disc. No teeth to catch work and bind or kickback, Also removes paint, rust, shapes stone, metal, wood and plastic, Can be used on hand drill for close quarters. Complete with instructions, 7" Whizz Disc, 5" backing pad, 1/4" arbor and flange washers. Shpg. wt., 34 lb.

14 R 14358

Net 2.50

WHIZZ-DISC for Portable & Bench Saws, 7" dia. Shpg. wt., 4 oz. 14 R 14366 1/2" bore 14 R 14374 %" bore

## Power Sanders | Grinder | Planer | Router

#### HEAVY DUTY 4" BELT SANDER



Medel 72510. A powerful bett sander for every sanding job. Rugged gear drive moves 1500 surface feet per minute. Unique snap-lock on front roller for easy belt changing, vacuum cleaner hook-up provided for dust pick-up. Die cast aluminum housing, locking trigger switch. Uses standard 4x213/4" belt. AC motor with life-time lubricated bearings, 3-cond, cord, for 120 Via Hz AC, UL listed.

13 R 36601 Shog, wt., 123a lbs.

Net 34.95

1		20001	SuhR	. an rat	44.75	103,		IACE 24:22
Sa	ndi	ing Belts	For A	beve	Shag.	wt.,	4 oz.	
13	R	36619	40 G	rit, Co	erse			Net .99
13	R	36627	60 G	it, Mi	edium		*********************	Net .99
								Net .99

1/4 H.P. ROUTER

With Cutting Guide

Model R60: For hobbyists, home repairmen. Easy-to-make smooth cuts with or against the grain for fine inlaying, cabinetry, cornicing. Does beading, grooving, routing, fluting, cove-cutting, dove tailing.

Fraular, cove-cuting, dove rating, fore rating. Features threading base with positive lever-locking depth of cut adjustment; veneer cutting guide and wrench included. 1/4" chuck uses standard router bits. Height 8". For 120V, 60 Hz AC, 20,000 RPM cutting speed. UL listed. Shog. wt., 6 lbs. 13 R 71087 No Money Down.

4-Pc. Router Bit Set, Includes 1/4" & 1/2" straight bits, 1/4" core bit, and 3/4" "" groove bit, Shpg wt., 3 oz. 13 R 71137 Net 9,95

TWO-WAY ELECTRIC SANDER



Orbital or Straight Line

Positive Slide Switch

• 34" Stroke Orbital or Straight

Heavy-duty electric sander with ¾<sub>0</sub>" orbital or straight line stroke. Features 2.0 amp, universal series wound motor, Heavy-duty ball bearing and self-lubricating sleeve bearings, Pad size: 3¾<sub>0</sub>x7√<sub>0</sub>", sand-paper size: 3½<sub>0</sub>x7√<sub>0</sub>", Assorted grit paper included, Industrial micro finish, 6 ft, 3-cond cord, for 120 V, 60 Hz, AC, UL Jisted, 13 R 71020 Shpg. wt., 5½ lbs.

2-SPEED SANDER POLISHER

- Powerful 1/2 H.P. Motor
- Burnout-Proof Armature

Model 940: Combines two handy

Model 940: Combines two handy
tools — a sander operating at
3400 RPM and an efficient colisher at 1800 RPM, As a sander,
you get the right combination of high speed and oversize sanding
discs. Has perfect balance . . auxiliary grip handle for right or left
hand use. Tool rest, Extra large wool polishing bonnet permits working around and over edges, Ut. and CSA Listed. For 117 VAC.
13 R 65168 No Money Down\* Shpg. wt., 9 ¾ lbs. ... Net 37.95

Sands Metal and Plastics

QUICK-SAND VERTICAL PORTABLE SANDER POLISHER

· Sands, Grinds, Polishes. Sharpens: Metal, Steel, I Wood, Plastics

Portable

• For Any 1/4-1/3 H.P. Motor; With 1/2" Shaft

Safe, Vorsatile. Sharpens everything —from razors to 

Sanding Belts For Above 12 R 18510 50, Grit Heavy 12 R 18528 120 Grit, Medium 12 R 18536 220 Grit, Fine .89 Net Net Net .69

Black & Decker 5" BENCH GRINDER



Sharpens All Your Household Tools

Versatile bench grinder for every home workshop need. Sharpens knives, hatchets, lawn mower blades, chisels, drill bits, etc. Balanced vitrified aluminum oxide grinding wheels give smooth performance. 8 ½ "wide wheels give smooth performance, 8½" wide wheel spread permits side grinding of longer objects. Self-aligning oil-impregnated bearlings. Includes: ½" wide 5" medium grit and 5" coarse grit wheels, tool rests, guard covers, eye shields, rubber feet, 3±00 rpm, 2.2 amps, 120 VAC. Shpg. wt., 10¼ lbs. 12 R 68713W



ELECTRIC PLANER

 Adjustable Guide **Permits** Planing At Any Desired Angle

Does a professiplinal job of planing! Easily adjustable planing depths of ½," and ½." 2 hardened steel, adjustable cutting blades may be removed for sharpening, adjustable fence and angle guide may be removed for planing flush into corner. Burn-out protection, Motor develops ¾ hp. (Industrial rating). Spindle speed 14,000 rpm with double race bit learners. race ball bearings. Die-cast aluminum housing. With 3-cond. cord. For 115V 50/60 Hz AC, Shpg. wt., 71/4 lbs.
13 R 36585 Net 27.95



351



#### 71/2" POWER SAW WITH 11/2 HP MOTOR

2295

- UL and CSA Listed
- 10 Amp. 5400 RPM Universal Motor

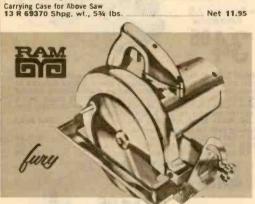
Dependable power saw provides reserve power to cut thru 2x4's with Dependance power saw provides reserve power to cut thru zxa's with ease, Powerful 10 amp, 5400 RPM motor. Cuts up to 2½," vertically and 2½," at 45°, Balanced for one hand operation, Features heavyduty bronze bearings, floating blade guard, and easily set depth and angle adjustments. With combination blade included, For 120 VAC, 60 Hz. 3-cond. power cord. UL listed. Shpg. wt., 13 lbs. Not 22 95

#### 71/4" BUILDER'S SAW

- 11/2 HP Burnout Protected Motor
- 5200 RPM No Load Speed 10 Amp Motor
- a III Listed

Model 574 Tackle the "big" jobs, with this dependable 71/4" builders' Model \$74 Tackle the "big" jobs, with this dependable 71/4" builders' saw. Reinforced die-cast housing that really stands up. Cuts 2x4's with ease, at 45° angle. Easy set bevel and depth adjustments. Safe non-binding btade guard with vari-torque safety clutch. Sadust ejector keeps your work clean, lets you see what you are doing. 71/4" combination blade and blade wrench. Powerful 11/2" HP motor is designed to be trouble free. Cutting depth: 90° 23/4", 45° 11/4". It amps. UL listed. 120 volts AC, 3 wire cord and plug. Shgg. wt., 111/2 See rip fence below.

13 R 69263 Net 29.99 13 R 69123 Rip Fence Net 2 25



Black & Decker 2-HP 8" RADIAL ARM SAW

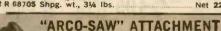
CHT 22 95 leg stand

- . Performs All Woodworking Saw Cuts
- · Cuts Full 2% Depth
- Powerful 2 HP Roller Bearing Motor.

Model 7700, Precision built for superb cutting accuracy . . . makes rip cuts, crosscuts, bevel and miter cuts. Roller head rides on ball bearings for accurate cutting every time. Anti-kickback lever holds board to prevent chatter. Large (22"x32") warp resistant work table allows out-ripping with blade located over table. Up-front bevel adjustment with easy-to-read scale and automatic 45° setting plus up-front elevation control permits fast, simple set-ups. Automatic positive locking position for 0° to 45° bevel; 0° and 45° miter, and 90° ripping position. Maximum depth of cut 2½"; maximum depth of cut at 45° 1½"; features miter and bevel scales, rocker type, up-front on/off switch with key lock for added safety. Constructed of extra-strong one piece tubular steel column mounted directly to base for rigidity. 120VAC; 2 HP max.; 5200 RPM; 10 amps.; 8" blade with leg stand. Shgg. wt., 90 lbs.

12 R 90022WXM No Money Down\* Net 99.95

Model R-6024, 6" DADO HEAD SET. FLAT GROUND. (2 Blades, 4 Chippers 1/6". 1 Chipper 1/6") %" Bore.
12 R 68705 Shpg. wt., 31/4 lbs. Net 22.99





with "DADO-ARBOR" To Cut Any Groove

Attaches to any ¼ and ¾ drili in seconds! "Dado-Arbor" swlv-els sawblade to cut grooves up to ½ Wx1"D., in one cut; "Dado-Arbor" is easily removed for straight or angle cuts... cuts 2¼4's in one cut with 5" blade. 2/47's in one cut with 5" blade.
Graduated depth and bevel gages allow cuts up to 1½"(1); bevels to 45°. Has adjustable rip gage and visual guilde, self-lubricating lifetime bearings, strong safety-

Net 9.95

Net 1.75

14 R 14275 Shpg. wt., 1 lb. 14 R 14283 5" Hycarbon Combination Blade



A powerful top quality chain saw designed for profession-al or industrial use. This rugged, multi-purpose tool will also do dozens of jobs for the home craftsman, car-

2 HP-10 Amps.

With Oregon "Omark"

Chain and Bar

ror the nome craftsman, carpenter, contractor, or on the penter, contractor, or on the 2650 feet p/minute for fast, true cuts up to 10 inches deep. Cool running quiet helical cut gears in a sealed grease chamber. Self lubricating bearings. Beautifully balanced, weighs only 12 lbs. 10 Amp. 2 HP motor, 120 VAC, UL and CSA listed. Shpg. wt., 15 lbs. 14 R 48042W No Money Down\*

See Page 22 for Full Credit Details on Easy Pay Plan

## Selected Jig and Sabre Saws



· Heavy-Duty 2.9 Amp - 1/4 HP Motor

Model F-8: A rugged, multi-purpose sabre Model 6-8: A rugged, multi-purpose sabre saw, Can be used as a rip, crosscut, ilg saw, hack saw, band, coping, keyhold and scroll saw. Easily cuts 2x4's, plywood, plastic, composition board, aluminum and a-host of other materials. Powerful 3 amp. ¼ N.P. motor with a built-in cooling system produces 3500 ½ for long strokes per minute. Adjustable base. Bevel cuts from 0° to 45°. "On/Off" slide-switch. With wood cutting blade. For 120V., 60 Nz AC, UL listed.

13 R 71190 Shpg. wt., 4 ¼ lbs. Net 12.95

13 R 71160 Shpg. wt., 4 1/4 lbs. Net 12.95

Wood Cutting Blades, Pkg. of 6.
13 R 71178 Shpg. wt., 4 ozs.
Metal Cutting Blades, Pkg. of 3.
13 R 71188 Shpg. wt., 2 ozs. Net
1.39

**DELUXE 2-SPEED** 



- Double Insulated For Extra Safety
- Powerful 2.6 Amp 1/2 HP Motor

Model 501 double insulated jig saw with 2 speeds, 3000 and 2400 34" strokes per min-ute. Husky shoeplate adjusts 45° left and right; forward for plunge cuts and backward for close to wall cuts. Fully enclosed handle. Includes 3-blades and rip guide. 2.6 amp. motor, 120 VAC. Shpg. wt., 34 lbs. 13 R 653394 Net 19.95

HEAVY-DUTY VARIABLE SPEED SABRE-JIG SAW



- "Dial Control" Any Speed From 0-5200 S.P.M.
- Cuts Thru Wood 6" Thick

Electronic dial variable speed control lets Electronic dial variable speed control lets you use this one tool for any cutting job. Cuts through 6" logs, 6 x 6" lumber, metal pipe, masonite—practically any material. Makes its own starting hole. Low speed for steel and plastics, medium for non-ferrous metals, high for rip or cross-cut. Bewel cuts to 45°. Features a 5 amp. ½ MP General Electric motor. With 6' 3-cond. cord. 5 assorted blades am rip gauge. For 120 VAC, 25-60 MZ. UL listed. Shpg. Wt. 63/4. lbs. 14 R 48059. Net 29.95 14 R 48059



2-SPEED ALL-SAW

 Heavy-Duty ½ HP Motor No Money Down\*

Model 909D. "Souped-up" heavy duty-fast cutting—1/2 MP saw for every kind of sawing. Cuts metals up to 1/2". Cuts pipe and thinwall up to 2". Cuts curves, circles, and straight lines, Cuts Zx4's, 4x4's and 6x6's. Makes its ewn starting holes. Motor fan blows air stream over work to keep the guide free of sawdust. Complete with 7 blades designed for all sorts of regular and special cutting. Powerful 6 amp 120 VAC motor, 3400, 1" SPM. Ut listed.
13 R 65014 Shpg. wt., 934 lbs. Net 39.95

SAW TABLE FOR WEN "909" & "9090".
Heavy duty table for straight, circle, curve, bevel, and angle cuts. Size: 18 x 18 x 8 ½".
13 R 65055 Shpg wt., 16½ ibs. Net 11.95 EXTRA BLADES FOR WEN Models "909"—"9090"—"521". Pkg. of 3. Shpg wt., 5 oz. 2981 7½"—Very fast rough cuts

##1 71/2"-Very fast rough cuts.		
13 R 65063	Net	1.95
#92 31/2"-Fast rough cuts.		
	Mark	1.59
13 R 65071	uer	1.33
#93 234"-Medium cuts		
13 R 65089	Net	1.39
#84 21/2"—Fine scroll cuts.		
13 R 65097	Net	1.39
#96 3%"-High-speed steel.		
Appe 3 /4 - High speed steet.	A1-4	4 05
13 R 65113	LAGE	1.35
#97 3%"-High-speed, extra fine	è.	
13 R 65121	Net	1 95
To the contract of the contract of	-1	timble
#900. One each of above blades	pius	Matte
blade, Pkg, of 7.		
13 R 65139	Net	9 59
13 K 03133	1466	4.44



#### DREMEL **FLECTRIC** SCROLL SAW

· Cuts Intricate Scroll Work No Sanding Required

Easily cuts impricate scroll work . . . saws wood up to ¾" thick, asphalt, rubber and plastic floor or wall tiles, aluminum and light metals. Ideal

for hobbyists, camenters, and craftsmen. The thin, fast cutting blade saws so smoothly, no sanding is required. High-speed reciprocating motor produces 7,200 strokes per minute. For 120V. AC 60 Hz, UL listed. Shpg. wt., 3 lbs. 14 R 43027

Pkg, of 10 replacement blades for above. 14 R 43035 Shpg. wt., 3 ozs.

#### "JIG SAW" ATTACHMENT



· Fits Any Electric Drill

Fits all electric drills as easily as a standard bit! Ideal for cut-ting plumbing, and holes for ting plumbing, and holes for switchboxes. works without boring a starting hole. Does work of jig, keyhole, coping, rip, band and hacksaw, Cuts straight lines, intricate patterns and circles in wood, plastics, and metals; cuts 2x4's. Air blower keeps cutting line free of sawdust, Complete with blade, instructions. Shpg. wt., 1% lbs. 14 R 14259

Pkg. of 6 blades (2-coarse, 2-medium, 2-fine). Shpg. wt., 4 oz. Net 1.75



Model F-11 popular drill or all-around home and hobby use. 1/4" geared chuck drill rated at full 2.5 amps. Ut. listed. 1/4" capacity in steel, 1/2" in hardwood. 1200 RPM speed under full load; 2000 RPM no-load speed. Precision anti-friction bearings. Automatic trigger switch. Specially designed gear train for maximum torque transfer. For 115 volts. AC/DC. Shpg. wt., 31/2 lbs.

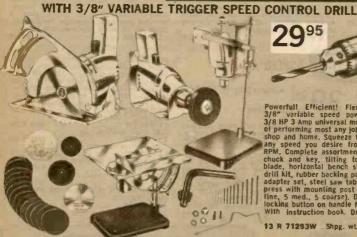
13 R 71012

A rugged, powerful 36" drill for tough drilling jobs around the house and shop. Features double reduction gears for maximum torque. No load speed 1000 rpm. Capacity 36" in steel, 1" in wood. Ball thrust bearing takes the full drilling load. Welded commutator leads prevent motor burnout. Geared key chuck, 3-conductor power cord. Bright finish. For 120 VAC, 50-60 Mz. Net 12.95

13 R 36551 Shpg. wt., 41/2 lbs.



## **50 Piece Power Workshop**



Powerfull Efficient! Flexible! Rugged 3/8" variable speed power drill with 3/8 HP 3 Amp universal motor is capable of performing most any job around workshop and home. Squeeze the trigger for any speed you desire from 0 to 1,000 RPM. Complete assortment of attachments includes; Jacobs geared chuck and key, tilting top saw attachment, crosscut and ripsaw blade, horizontal bench stand, lambswool polishing bonnet, 13 pc. drill kit, rubber backing pad, steel paint mixer, grinding wheel, 6 pc. adapter set, steel saw table with protractor and mounting post, drill press with mounting post and stand, and 15 pc. sanding disc set (5 fine, 5 med., 5 coarse). Drill features multiple thrust bearings and locking button on handle for constant speed without holding trigger. With instruction book. Drill UL listed. For 115 volts AC, 60 Hz.

13 R 71293W .. Shpg. wt-12 lbs.

#### DELUXE VARIABLE MOTOR SPEED CONTROL

 Varies Speed on AC-DC Motors from 0 to Full RPM 95 • Up to 8-Amps.

· 3-Position Switch: Variable-OFF- Full Speed

Perfect for all workshop power tools and home appliances. Use with drills to start holes, saws to extend blade life, polishing at low speeds etc. 3-position switch. Variable, OFF and Full permits maximum speed control, with Universal (AC-DC) or DC motors rated to 8 amps, Has automatic breaker surge protection. Input 120V AC only, 3 wire line cord. Black aluminum case, 456x242Wx116"D. Shpg. wt., 11/4 lbs. Net 12.95

#### "JIFFY" VARIABLE MOTOR SPEED CONTROL

 Varies Speed on AC-DC Motors From O RPM To Full Speed

 Ideal For Electric Drills, Saws, Polisher's

Dependable motor speed control ideal for workshop power tools using universal AC-DC and series DC motors. Assures constant speed variation from zero to maximum speed. Has built-in circuit breaker, 5 amps load rating. Input: 120 voits 50-60 Hz AC, 3-wire receptacle and detachable line cord. 3 x 2½ x 1½°D. Shpg. wt., 1 lb. 13 R 27006 ...



354 Lafayette Cat. No. 720 You Can Depend On Lafayette For Quality Tools-Low Prices



Model 7110 Heavy duty capacity 3/6" drill incorporates a double reduction gear that permits a wide range of drilling needs. Perfect for grinding, buffing, mixing and all types of heavy and light drilling chores. Heavy duty UL listed 2.5 amp motor and precision gears combine to give maximum torque at all drilling speeds. "Cycolac" handle provides positive grip at all times. Jacobs geared chuck and key for quick change of bits. Handy trigger switch, with locking button, permits use in awkward places. 3 wire cord plug. Uses 120V AC. UL Listed. Shpg. wt., 4 lbs.

3995

No Money

Down\*



Model 7120 heavy duty drill features double reduction gear system for full torque drilling action. Gearing and chuck able to handle bigger, tougher jobs. Lets you lock trigger at any selected speed suited to the job. Ideal for driving screws. Improved ½ hp 2.5 amp. burn-out protected motor. Capacity: %" setel, ¾" handwood. Polished aluminum housing with rugged Man-Grip handle for greater comfort and control. For 120 VAC. UL listed. Shpg. wt., 3% lbs. 12 B 68739



Model 598 deluxe heavy duty 1/2" drill that can tackle most any Model 598 deluxe heavy duty 1/2" drill that can tackle most any drilling job with precision and accuracy. Squeeze the trigger for any drilling speed from 0 to 500 RPM plus reverse speed, Double reduction gears for extra torque: high torque helical gears and geared key chuck. Locking trigger switch, Powerful, 3 amp, super burnout protected motor. Capacity 1/2" in steel, 1¼" in wood. Removable handle, Lightweight aluminum housing, 3-wire cord and plug. For 120 VAC 60 Hz. Shpg. wt., 5 lbs. Ut. listed.

13 R 69339 No Money Dowp\* Net 49.95

3/8" Drive-R-Drill With Adjustable Trigger Speed Control Pre-set Maximum Speed You Desire 99 -Forward or Reverse Drill Locks At Any Speed From 0-1000 RPM No Money Down\*

Model 457 double insulated Drive-R-Drill for safety—Two-prong plug efininates the need for any adapter. Squeeze the trigger for more speed and torque. Lock It for any desired constant speed without pressure. Powerful, 3 amp, super burnout protected motor; large Chuck capacity for drilling, driving, and removing applications. Double reduction high torque helical gears give extra torque, steady power. Removable side handle. Heavy duty geared chuck with key. 6 ft. 2-wire cord and plug. For 120 VAC, 60 Hz. UL listed.

13 R 69396 Shpg. wt., 4½ lbs. Net 36.99

HEAVY-DUTY 4-SPEED 1/2" REVERSIBLE DRILL



6 Amp 1/2 HP Burnout-Proof Motor

 Double Reduction Gears for Super Torque

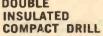
Model 950 is designed for the big jobs! a rugged heavy duty \(\frac{1}{2}\triangle \text{ drill where greater power is required. Simple, easy to use two-lever control for electronic gear reduction and speed changes for precise and accurate drill-

changes for precise and accurate drilling of any type of material. Reversing on all 4-speeds permits you to back out from extremely dense materials, Welded armature. Double reduction gears deliver hi-torque for heavy jobs. Trigger switch locks in place for extended operation. Precision Jacobs geared chuck and key. Polished die-cast aluminum housing, 120 V. AC with 3 wire cord. UL and CSA listed, Size: 11 x 84½ x 34%. Shpg. wt., 934 lbs.

Net 39.95

3/8" VARIABLE SPEED





quality features include life-time lubricated spherical bearings, and industrial quality commutator, 18-blade wind tunnel fan, double reduction gears, plus induction-hardened armature pinion. For 120

VAC., 60 Hz. 13 R 53242 Shpg. wt., 31/4 lbs. No Money Down\* Lafayette Cat. No. 720 355



## **Popular Power Drill Accessories**

14 Pc. HIGH SPEED DRILL SET with CENTER PUNCH





• 13 Sizes X"-1/2"

Plus Center Punch

Hang on Pegboard Mount on wall or Stand on Workbench

Top quality, high speed drill set contains sizes 1/4. 1/4, 1/4, 1/4, 1/4, 1/4, 1/4, 1/4 and 1/4". 1/4, 1/4 and 1/4" with 1/4" shanks. Also contains center punch for accurate placement of drill, Convenient, high impact plastic case stands on workbench or mounts easily on wall or peg-board. Has built-in shelf for holding pencils or additional drill bits, chuck keys, etc. Shpg. wt., 144 lbs.



13 PC. HIGH SPEED DRILL SET WITH CENTER PUNCH

Made in U.S.A. 12 Sizes: 1/16"-1/4"

Precision ground high speed drills and center punch placed in unbreakable flexible plastic case which opens and closes like a book! Drill Sizes:  $\frac{1}{4}$ - $\frac{1}{4}$ . Handy center punch assures exact position of

13 R 18500 Shpg. wt., 8 oz.



#### 10-PIECE HIGH SPEED DRILL SET

High quality, high speed tool steel "hot-twisted" for perfect-uniformity, "Isoperm" heat treated for remarkable toughness. These twist drills keep cutting much longer than conventional drills. Made in Italy. Sizes 1/4 to 1/4", in Plastic Indexed Case, Shpg. wt., 6 oz. 12 R 47501

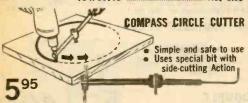
#### 29-PIECE DRILL SET WITH STAND

Sizes ¼" to ½"

Precision ground chrome alloy steel twist drills with indexed stand, Gun black finish. Sizes  $X_6$ " to  $\frac{1}{2}$ ° by 64th. Sizes larger than  $\frac{1}{2}$ ° have turned down shanks, Imported, Shpg. wt., 21/2 lbs.

13 R 55775

Net 9.95



Simple and safe to use, makes perfect circles in wood in sec-onds, Use with any electric drill to cut speaker holes, vents, pipes, celling lights, etc. Can also be used to make discs, rings and fancy shapes. Cuts circles 14% to 12" in diameter. Has special bit for smooth side cutting. Shpg. wt., 1/2 Jb.

HEAVY-DUTY INDUSTRIAL COMPASS CUTTER. As above except cuts up to 18 inch circular holes in fiberglas, 2" wood plank, sheet metal, ¼" aluminum and taminated plastics. Special router bit has drill point allowing you to bore center and radius hole. Shpg.

wt., 1 lb. 12 R 41017

\_ Net 7.95



#### TWIST DRILL SHARPENER

Sharpens Drills from ¼" to ½"

Fits any 1/4" or larger electric drift. 3" aluminum oxide grinding wheel, Sharpens any bit up to 1/2" dla. Also has adjustable tool rest for sharpening chisels, knives, scissors, etc. 14 R 14093 Shpg. wt., 3/4 lb.

Net 1.99

#### Black & Decker AUTOMATIC DRILL BIT SHARPENER

Operates Like a Pencil Sharpener

Automatically precision sharpens dult or broken high speed steel twist drill bits (not 

12 R 68747

Net 15.99

#### UNIVERSAL DRILL PRESS STAND



- Adjustable Depth Stop.
- Adjustable Cradle
- Spring Return Tension
- · Adjustable Depth Gauge Dial

Drill stand can be used with any 1/4" or 3/6" drill or 1/2" compact. Converts hand drill to powerful lever operated drill press. Rack and pinion gear feed and spring return mechan-ism plus depth adjustment, Base drilled for bench or truck mounting, 2½" stroke, 5 to 1 leverage. Overall height: 20". Base size: 53/4x6", Shpg. wt., 8 lbs. Net 12.95

#### 6-PC. SCREWDRIVER BIT SET

 Fits All Electric Screwdriver And Variable Speed Drills

Versatile set provides a variety of bits and finders to speed-up assembly and service work. For slotted and Phillips head screws, Kit Includes 3-slotted bits and finders for screw sizes 6-8, 8-10, 8 10-12, 3-Phillips bits No.'s 1, 2, & 3, Ali have 44" Hex shank. Shpg. wt., 5 ozs. 14 R 79047

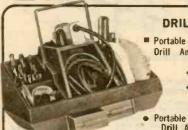


#### 7 PIECE SOCKET SET

• Fits All Electric Screwdriver Orills

Drills 1/4" hex shank fits all power screwdrivers and drills. Fits directly into chuck for driving and removing bolts and nuts. Set contains socket adapter and 6 sockets — 1/4".

14 R 79054 Shpg. wt., 5 ozs.



#### DRILL-MATE

Portable Organizer For Orill And Accessories

 Portable Organizer - For Drill And Accessories

Keep your drill and accessories organized and ready to use with Drill-Mate, the portable organizer. Holds any 1/4" or 3/4" drill. Handy and convenient to use, the Drill-Mate has a 25 hole drill bit index—1/4, to 1/4", a retractable handle for easy access, handy pockets for tools, discs and accessories, and two utility drawers. Hi-Impact

polystyrene construction. 13 R 76268W Shpg. wt., 2¾ lb.

Net 3.9

### Selected Accessories For Power Drills

SCREWDRIVER RESTORER



Sets, Chisels, Punches

At last! An attachment to grind Phillips or regular (Yankee) screw drivers to their original shape. Chuck in any drill. Will grind all Phillips drivers up to \$\frac{1}{2}^2\$ and all Yankee type drivers up to \$\frac{1}{2}^2\$ as easily as sharpening a pencil. Use for chisels, punches too. Shpg. wt., \$\frac{1}{2}\$ ib.

13 R 25513 Net 6.50

#### **ADJUSTABLE** BEVEL CUTTER



Fits any electric drill. Make: fast, clean 45° corner bevels. Adjusts from 1/32" to 5/16" wide. Cuts wood, plastics and soft metal. Made of hardened, tempered mangan-



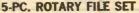
Use with any electric drill, drill press, etc. Consists of lancy cove-cutter, Roman ogeo-cutter and rabbet-cutter for cutting 3/16" contours. Dual guides assure occurate cuts in wood, plastic, soft metals. Made of fully hardened and tempered steel. Shpg. wt.,

14 R 14333

#### ADJUSTABLE 82° COUNTERSINK

Adjusts to exact depth with astomatic stop . . . single flute, chatter-free design assures round, clean cuts. Tempered and hardened manganese tool steel construction. Countersinks in steel, wood, plastic. 1/4" shanil. Shpg. wt., 4 oz. 14 R 14143







For electric drill, drill press, flexible shaft.
Milled from solid tool steel, hardened and tempered. Cuts steel and other metals, wood, plastic, wallboard, etc. For hole enlarging, routing, shaping, finishing. With 14" shank.
Shg. wt., ½ b.

13 R 50180 Net 3.95

5-PC. SCREW **EXTRACTOR SET** 



Chrome variadium set. Removes broken and multilated screws—bolts—studs, even 1/8" and 1/4" pipe. Simply drill damaged screw-twist extractor in—and back screw out. With plastic pouch. Imported. Shpg. wt., 6 oz. 13 R 55452 Net .99 ARCO SCREW & NUT DRIVER DRILL ATTACHMENT



 Complete 11 Piece Screw and Nut Driver

For rapid fastening of both screws (slotted For rapid fastening of both screws (slotted and Phillips) and nuts (hex and square head). Has non-silp industrial type clutch for fast easy driving. Bit holder prevents screw head slippage. Includes flat bits and bit holders for #6-14 slotted screws, #2 Phillips head bit, 6 hex socket wrenches (1/4", %,", 1%,", 3/8", %". 1/2"), and socket wrench holder with ball lock, Shgg. wt., 1 lb.

Not 4 95

#### 7-BLADE DEEP HOLE SAW

· Cuts holes in 2 x 4's

Fits any electric drill or drill press. Cylindrical saw blades cut holes from 1" to 2½" in diameter in any stock up to 2". Hole sizes are 1", 1¼", 1½", 1¾", 2", 2½", 2½". Cut wood, plastic, metal, sheetrock, wallboard, masonite, formica, etc. Has guide bit and automatic slug ejector. Imported 13 R 55262 Shpg. wt., 1 lb. ... Net 1.39

#### RIGHT ANGLE DRIVE



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 ¼" chuck or may be screwed directly to drill spindle. Includes %-24 male and female adapters—and ¼" plain shaft adapter.

14 R 36039 Shpg. wt., 11/2 lbs. Net 3.95



A complete set of 10 individually mounted stones perfect for use on metal, wood, plasities, etc. Can be used for chamfering, grinding, polishing, burnishing, and honing. For use with electric drill, flexible shafts and motor arbors with ¼" or larger chuck. 14 R 61243 Snpg. wt. 1 lb. ...... Net 2.19

AUTOMATIC CENTER PUNCH

14 R 33200

Speedy, automatic, and adjustable-a singlehand operated punch gives light or heavy impressions with just the turn of a screw, Spring pressure adjusts from 5-30 lbs. Im-ported from England, Shpg. wt. 4 oz.

REVERSE-A-DRIVE SPEED REDUCER SCREWDRIVER



• Includes 2 Bits and 1/4" Socket Adapter

Reversible speed reducer can be fitted to any electric drill or drill press quickly and easily. Forward speed reduction of 11 to 1, and reverse of 4 to 1 develops high torque. ideal for nut running, and heavy duty screwdriving. Easy slop-start action with hand clutch control. Accessories include 1/4" slotted bit with finder—#2 Phillips bit and 1/4" socket adapter. Shog. wt., 3/4 lb.
14 R 79021 Net 5.25

Speed reducer similar to above but less reversing feature. 11 to 1 speed reduction through the use of a planetary gear system. Easy stop-start action with hand clutch control. Includes slotted bit with finder, #2 Phillips and 44" socket adapter. Shpg. wt.

14 R 79039

Net 3.95

#### TOOL STEEL TAPERED REAMER

Enlarges holes to 1/2". Tapers down to 1/4" point. Machined edges, Overall length 5". Sliding "T" handle, Imported. Shpg. wt., 1/2 lb. 14 R 61029

#### ARCO DRILL STAND

Fits All 44" or 36" Electric Drills

Attaches to workbench, is ideal for buffing, sanding, grinding, Fits all electric grinding. drills, 6 oz. Net 1.59



#### LAWN MOWER SHARPENER

 Sharpens All Rotary Mowers

Quickly and easily sharpens any flat blade-rotaries, hoes, scythes, etc. 1/4" shank fits any electric drill, Reversible grinding wheel. Wt., 1/2 lb. 14 R 14226 ...... Net 1.19



#### KNIFE & SCISSOR SHARPENER



rugged, 1/4" with shank arbor attached, Shpg. wt., 1/2 ib. Net 1.19 14 R 14234

1/2" CHUCK FOR 1/4" DRILLS

· Add 1/2" Capacity to 1/4" Drill Converts 1/4" electric drill to 1/2" capacity. Properly machined to insure correct balance May also be used on standard 1/2x24 motor arbor or shaft, imported. Shpg. wt., 34 lb. 13 R 55270 Net 1.19

### Akro-Mils Parts Cabinets





Net 22.99

Complete labeling kit included with each cabinet . . . all models set-up with welded steel frame, ready to use

ALL "MODULAR," CABINETS CAN BE STACKED-ADDED TO-CHANGED-ARRANGED-REARRANGED CHARCOAL GRAY HAMMERTONE FINISH

(A) MODEL 17-136, 36 compact drawers:

Drawer size: 1%,4x234Wx576"L. Cabinet size: 17%Wx6Dx111%"H. Cabinet, "dividers, and index labels. Shpg. wt., 1242 lbs. "See-Thru" drawers, 13 R 76102W Net 14.99

(B) MODEL 17-024, 24 deep compact drawers.

Drawer size: 2Hx244Wx544"L Cabinet size: 17% WKDx1044"H. Cabinet, "See-Thru" drawers, dividers, and Index labels. Shpg. wt., 1042 fbs. 13 R 76110W

#### (C) MODEL 17-320, 20 long drawers.

Brawer size: 2Hx3Wx11"L Cabinet size: 17% Wx6Dx101/4"H. Cabinet, "See-Thru" drawers, dividers, and index labels. Shpg. wt., 211/2 lbs. Net 22.99

MODEL 18-320. Above, but with unbreakable opaque drawers. 13 R 76045W Net 22.99

#### AKRO-MILS PORTABLE 15 DRAWER STORAGE CABINET



#### All Steel Frame

Ideal storage unit for hobbyist or handyman. All steel unitized frame 10"x8"x6". Compact yet holds many items in easy to locate fashion in 15 "see-thru" drawers. 24"x114"x54". Unbreakable tote handle. Metallic blue baked enamel finish. With drawer dividers and labels. Shpg. wt., 41/4 lbs. 13 R 76250 Net 3.59

#### **AKRO-MILS PORTABLE LOCKING CABINET**



Model 11-463 For secure storage of medicines, tools, small easily lost parts, Chip-proof welded steel frame provides for safe storage and transport. Locking steel door prevents theft and spilling. Keyhole slots for hanging. 12 drawers 1¼"x2¾"x5¾" 1 jumbo drawer 2½"x8¾". Overall size 10"x9"x6", With carrying handle. Adjustable dividers and labels. Shpg. wt., 51/2

13 R 76219W



· Heavy Gauge Welded Steel Frame

Extra large cabinet 21%"Hx124%"W x 644"D, holds hundreds of items. Modular construction permits arrangement in single or multiple units, on walls, workbenches, shelves, or shop floors, Rigld steet frame and full metal shelf support any load in drawers, Plastic feet prement scratches when standing and vent scratches when standing, and secure multiple stacking, inside drawer size, 136"x242"x536". Crys-tal-clear drawers. Feature safety stop and safe-grip-handle comes with 1 divider per drawer and index cards. Baked enames finish, Imported.

Shpg. wt., 11½ lbs. 13 R 77506W Net 10,95

### FOR THE HOME-HOBBY-BUSINESS

(D) MODEL 17-416, 16 long wide drawers.

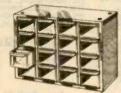
Drawer size: 2Hx4Wx11"L. Cabinet size: 17%Wx11Dx101/4"H, Cabinet, "See-Thru" drawers. dividers and index labels. Shpg. wt., 211/4 lbs. Net 22.99 MODEL 18-416. Above but with unbreakable opaque drawers. 13 R 76052W

#### MODEL 17-909\_9 long deep wide drawers.

Drawer size: 31/2H151/4W11171 Cabinet size: 17% Wx11Dx101/2"H, Cabinet, "See-Thru" drawers. and index labels. Shpg. wt., 201/2 lbs. R 76086W Not illustrated Net 22.99

MODEL 18-909. Above but with unbreakable opaque drawers.
13 R 76094W Not illustrated. Shpg. wt., 9 lbs. Ne Net 22.90

#### AKRO-MILS 16 DRAWER STEEL UTILITY CABINET



Deep Drawers

Model 11-266, Charcoal hammertone Model 11-266. Charcoal hammertone welded steel heavy duty 9"Hx13"Wx 6"D frame with 16 extra deep 24%"x 2"x534" "see-thru" drawers. Baked enamel finish cannot chip or peel. Can be stacked for more compact arrangement. Adjustable dividers arrangement. Adjustable dividers and labels included, Suitable anywhere from office desk to workbench. Shpg. wt., 63/4 lbs.

13 R 76193W Net 5 95

#### 25 DRAWER PARTS CABINET



For home, office, shop, Heavy gauge welded steel frame cabinet holds dozens of items, Rugged cabinet can be stacked or wall mounted. Plastic feet prevent scratching. Drawers' have easy-grip handle, dividers, labels, and label holders, Baked-on hammertone finish, Drawer size: 2W x1½Dx5½"L. Cabinet size: 9\% x 12½ x 6¼"D. Shpg. wt., 6 lbs.

13 R 77027W Net 4.95

95

#### AKRO-MILS 30 DRAWER PARTS CABINET



· For Home-Office-Shop Sturdy Steel

Frame With Dividers and Labels

Versatile 30 drawer steel frame cabinet. Has carrying handle for easy portability or can be stacked when more drawers are needed. Cabinet tilts and has safety tabs to prevent tilts and has safety tabs to prevent accidental spilling. Easily Wall-mounted for saving workbench space. See-thru drawers measure 554 x 24x 114", perfect for small parts, electrical components, screws, etc. Sturdily built with steer sides and back wall, Complete with labels and dividers. Size: 14Hx10Wx6%"D. Shg. wt., 10 lbs.

13 R 76276W Net 6.95

### Vacuum Cleaners...Staple Guns

#### SHOP-VAC' ALL PURPOSE VACUUM CLEANERS

· Heavy Steel Drum-Excellent for the Home, Garage, Patio, School or Workshop

· Powerful 1 HP Motor, 6 ft. 21/2" Dia. Hose

As Low As **3**495

Deluxe Shop-Vac 10 Gallon Vacuum Cleaner outfit. Excellent for picking up pebbles, wood chips, sawdust and other debris. Also attaches to woodworking machines for chip and sawdust removal. Reversible air flow—use it as a blower too. Perfect for winter oil burner cleaning. Complete with two-way 4-wheel doille, 6 ft. 2½" dia. hose, 6" nozzle, 2½" to 1¾" adapter, 2-pc. 45" extension wand, right angle elbow, cloth filter bag and pkg. of 5 paper filters.
UL listed. Shog. wt. 23 lbs.
13 R 35652W No Money Down\* Net 39.95

5 Gailon Shop-Vac Vacuum Cleaner, Same as above, including all accessories, except for 5 gallon vacuum capacity. Ut. listed. Shpg. 17 ths 13 R 35702W | No Money Down\*4

Paper Filter Bags: For extra dirty jobs, slips over cloth bag. 13 R 35561 Pkg. of 5. Shar, wt., 4 oz. Net .99

13 R 35579 Replacement Cloth Bag. Wt. 4 oz. Net 1.49



"HOPPY" SPLIT-IMAGE TRANSIT

Only 50

> Plate Glass Mirrors

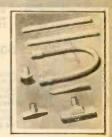


Amazingly accurate instrument that will indicate level and measure a minimum of 1/8" rise or fall at 25". Makes present day bubble and string type levels obsolete. It not only indicates level but shows exactly how much correction is needed. One man can perform any leveling or incline measuring job quickly, easily, and accurately. Makes any complicated measuring/leveling job simple. Use It for patlo layout, bricklaying, flooring, surveying, terracing, fencing, plumbing, shelving, guttering, drainage, Irrigation, Indispensable as a leveling and grading tool for model gallway pike. Shgs. wt., 1¼ lbs. 14 R 18011

14 R 18029 case-Shpg. wt., 3/4 lbs.

Net 4.95

DIPPO POWERFUL VACUUM CLEANER



Powerful, portable vacuum for general household cleaning or use in the garage or garden. Rugged Lexan housing. Only 15" long and 7" dia. Equipped with 3" hose, 9" crevice tool, 2¼" round dusting brush, 5" upholstery nozzle, 9" floor nozzle with brush and 2-pc. 40" extension wand—all 1¼" diameter. Weighs 6½ bs. 1 HP motor. UL and CSA listed. Comes with 2½" to 1¼" adapter for use of standard vacuum accessories. Supplied with 18 ft. cord and shoulder stran. Shog. wt., 13 lbs.

Net 34.95 13 R 35637W No Money Down

Disposable Paper Bags for Hippo, Pkg. of 5. 13 R 35645

LE STAPLE

Net .99 GUNS

#### **MULTI-PURPOSE GUN TACKER KIT**



• Includes: Gun, Case—Willing, Screening, And Window Shade Attachments—Staple Litter

Professional staple gun with a powerful action that drives 6 heavy duty staple sizes, 44" 3," 3" 40" 3", "a" and Celitieee especially designed for ceiling tile, kit contains: staple gun; multi-staple pak of 2000.
44" and 1000 ea. 36", 32" and Celitieee staples, and attachments.

13 R 57508 Shpg. wt., 434 lbs. Net 14.95 STAPLES FOR THE MODEL T-50 GUN

Shpg. wt., 8 oz.

36" PKG. OF 5000 13 R 57524 Net 2.75 MULTI-PAK-ASSORTMENT OF 5000

2000 · 1/4", 1000 ea. OF 36", 1/2" & CEIL

13 R 57557

Net 2.75

#### (A) HEAVY DUTY STAPLE GUN

 Built-In Staple Extractor . Easy Loading of 5 Staple Sizes

Model 800 drives 5 sizes of staples. Snap open load. Exclusive power dot and tandem open toad. Exclusive power dot and tandem springing deliver super power. Loading takes only a moment. Built in extractor. Accepts 1/4" to 3/6" staples including special loktile staples for firm holding of ceiling tiles.

13 R 58126 Shpg. wt., 2 lbs. Net 8.95

1000 stanles for #800 stanle guns

Stock No.	Leg Length	Shpg. WL	Net
13 R 58134	1/4"	7 oz.	.55
13 R 58142	%a"	7 oz.	.60
13 R 58159	3/8~	8 oz.	.60
13 R 58167	1/2"	9 oz.	.70
3 R 58183†	%°"	8 oz.	.80

**†Special Loktile Staples** 

#### (B) CABLE TACKER

Fast-action

• Reaches Into Tight Places

Model 300 Swingline fast-action staple gun for fastening low voltage electric and tele-phone wire, cable, rods, barbed wire, etc. Fires arched crown staples, 1/4"x3/8". Nar-row width permits reaching into tight places. 13 R 58092 Shpg. wt., 21/2 lbs. Net 12.95 13 R 58100 Shpg. wt., 8 oz. .... Net 1.59

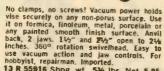


See Pake 22 for Full Condit Details on Easy Pay Plan

### **Vises and Metal Working Tools**

### PORTABLE VACUUM VISE 3" MACHINIST VISE SWIVEL-BASE

WITH 2 JAWS, 11/5" AND 21/5"



13 R 55916 Shpg, wt., 5% lbs. Net 5.95

#### HEAVY DUTY 4" SWIVEL BASE VISE



13 R 55890 Net 10.95 HEAVY DUTY 6" MODEL. Similar to above: Width of Jaws: 6" opens to 61/4". Shpg. 261/4 Ibs.



#### DOUBLE POWER GRINDER

· With 2 Grinding Wheels

Equipped with double tool rests — will accommodate 4" or 5" grindstone. Nylon bearings require little or no lubrication, and have outstanding abrasion resistant characteristics. Furnished complete with one coarse, one fine grinding wheel. Shpg. wt., 1034 lbs. 14 R 76043

#### 4 TOOLS IN ONE

Complete Metal Workshop FOR INDUSTRIALS, EXPERIMENTERS, REPAIR SHOPS MODEL WORKERS, SCHOOL SHOPS, HOME WORK SHOPS

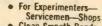
Punches
 Shears
 Rivets
 Forms

Thes Sinears Nivets Prorms
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—%
and 4" round, Forms bend up to 90° in rod
or bar stock. Cleanly shears metals up to 1"
wide. 16 gauge, without distortion, Rivets
easily with any type solld or hollow rivet.
Rivets up to a maximum combined thickness
of 3", Shop, wt., 5½ lbs.

14 R 11016

EATRA PUNCH SETS.	Met	11,93
Avg. shpg. wt., 3 oz. 14 R 11024 Hex—3¾", ½" and ½". 11 R 11032 Square—½" and ¾". 14 R 11040 Rectangular—½" x ¾" al 14 R 11057 Round—½", ¾", ½"	Net	1.79
78 , 722 , 722	Net	2.59

#### **HEAVY DUTY 18" BENDING** AND FORMING BRAKE



Clean Smooth Bends Forms Up To 90°

Handles Up To 18" Width In Up To 16 Gauge Thickness

Rugged heavy-duty all steel construction and unique design permits forming chassis, boxes, covers, trays, etc. by means of 1" deep slots in brake-bar which allows corners to fold in, Provides flange edges up to 1" high. Easy to adjust for thickness, accuracy, angle of bend. Features built-in clamps, Imported, Shpg. wt., 16 lbs.



A sturdy, reliable, swivel base vise for tool room, home or shop jobs. Three inch jaws; 3" opening. Swivel base permits 280° degree revolution, Locks in any position. Anvil back, Well made of malleable Iron castings. Hardened tool steel jaw faces, Ideal for carpentry, sanding, sawing, tool sharpening, carving. Complete with fixed pipe jaws, Imported, Shpg. wt., 101/4 lbs.

WILTON

#### **ELECTRONIC VISE** WITH POSITIONER

For small sub-assemblies and intricate electronic work including printed circuits. Rubber protected jaws are 216"W with

a 61/b" opening. PowRarm positioner offers superior positive lock and fast on-off action with horizontal handle. Shpg. wt., 234 lbs. 14 R 80029

Net 17.95



CUTTING TOOL KIT

Cuts Anythina Metal or Plastic

ONLY **5**95

BernzCutter cleanly and easily

Bernzcutter cleanly and easily cuts plastics and taminates up to ¼,", floor tile, sheet metals (steel up to .040"), pegboard or paneling. Eliminates the danger tools. Hand operated Bernzcutter is compact, can be used in confined areas. No limit to length of cut. Form litting handles provide a comfortable grip for continuous use. With 1 metal cutting, 1 plastic cutting and 1 shaper blade for circles and curves plus idea-instruction book. Shope wt. 1 lb. tion book. Shpg. wt., 1 lb.

#### ADEL HAND "NIBBLING" TOOL

50 • Cuts Sheet Metal Like a Punch and Die

Easily operated hand Nibbler" cuts any shape hole in sheet steel—aluminum—copper—or plastic. Metal remains flat and straight after cutting. Does not add strain or distortion to edges. Cuts holes in preformed sheet metal without distorting original form. Cuts in all directions. Any design—angle—radius. Follows scribe lines easily. Best possible tool for cutting

template and model parts.

14 R 12055 Shpg. wt., 10 oz. Net 4.50
Replacement punch for above

14 R 12063 Net 2.50 3" MITRE CORNER CLAMP

Portable clamp fully exposes both sides of the joint — allows you to put fastenings wherever you wish. Handy for clamping, cut-ting, glueing, nailing, etc. Sturdy die-cast aluminum. Chrome plated T-slide bars, Im-ported, Shpg. wt., 34 lb. 14 R 70111



The only practical way to grip and hold small parts, 11/4" die cast jaws open to 7/6". Mounted on a 4" comfortable fer-"mounted on a 4" commontance retried wooden handle. Holds work for drilling, marking, filing, sawing, etc. Endless uses in handiwork, imported. Shpg. wt.,

13 R 55346

360

### **Precision Metal Working Tools**

#### **GREENLEE CHASSIS PUNCHES**









#### Type 730 Round Table Punches

Cut holes in metals up to 16 gauge thick with the turn of an ordinary wrench. No sawing, reaning or filing. TYPE 730, Round Holes, AVG Shop wt 7 lbs ea

Stock No.	Size	met ca.	Stock No.	Size	Net ez.
13 R 29010	1/2"	3.05	13 R 29267	11/4"	3.60
13 R 29028	% <sub>6</sub> "	3.05	13 R 29432	. 1%"	4.45
13 R 29036	5/8"	3 05	13 R 29275	136"	4,45
13 R 29044	17/4"	3 05	13 R 29283	11/2"	4.90
13 R 29051	7/4"	3.05	13 R 29291	156"	5,95
13 R 29069	13/4"	3.05	13 R 29309	134"	6.80
13 R 29077	7/0"	3.05	13 R 29317	17/8"	8.40
13 R 29085	35/4"	3.45	13 R 29325	2"	9.00
13 R 29093	1"	3.45	13 R 29333	21/8"	9.70
13 R 29101	1%"	3.50	13 R 29341	244"	10.00
13 R 29119	11/6"	3.60	13 R 29358	21/2"	16.30
13 R 29127	1%2"	3.60	13 R 29366	23/4"	22.65
13 R 29135	1%"	3,50	13 R 29382	3"	31.30

TYPE 731, Square Holes, Punches.		TYPE 732, Keyed Sockets Punches.			
Stock No.	Size	Net ea.	Stock No.	Size	Net ea.
13 R 29143 13 R 29150	1/2" 5/8"	8.10	13 R 29176 13 R 29184	15/52"	7.45 7.85
13 R 29168 13 R 29390	3/4" 7/8"	8.80 10.30	13 R 29192 13 R 29416	111/4"	10.00
13 R 29408 Replacement	-		13 R 29424 round hole, pund	11%4" thes above	11.00 . Shpg.

13 R 2	9200	For 1/2". !	Ka". 56".		Net	.3
13 R 2	9218			7/8"		.35
13 R 2	9226	For 1" th	rough 1	1/2"	Net	.35
13 R 2	9234			134"		
13 R 2	9242			21/2"		
13 R 2		For 234"	and 3"		Net	3.7
-		FEDLE			BLUES	

#### 12 NEEDLE FILES

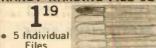
• Swiss Pattern

All files are double cut for sharper, faster cutting. For hobbyist, jewelers, watchmakers, etc. all over the world. Consists of 12 assorted flat, oval, round, triangular and edge files to fit every Imported. Shpg. wt., 45 lb



Net 4.95

#### HANDY WARDING FILE SET



Perfect for shop—home—hobby work. Kit consists of flat, half round, triangular, square, round and taper files. All with individual hard plastic handles, Sturdy plastic pocket case included, imported.

13 R 55122 Shpg. wt., 5 oz. Net 1.19

18-PC. HEX KEY WRENCH SET



9 short arm wrenches from .050" through ¼", and 9 long arm wrenches ¾" through ¾6". Quality tool steel, Bright plated—in plastic roll up kit, Imported. 14 R 76019 Shpg. wt., 34 lb.

#### LAFAYETTE CHASSIS PUNCH SET

 Easy-smooth holes in sheet metal

Sizes: 1/2", 14", 1", 11/8"



Five most often needed round hole punches Easily cuts smooth accurate holes for sockets, plugs, controls, panel lights, switches, terminals, and most radio parts. Drive with any wrench or with included T-handle. Punch sizes included are ½", %", ¾", 1", 1½". Complete with punches, dies, T drive handle, tapered reamer, fitted case, and instructions. Shpg. wt., 2 lbs. Imported.

#### DELUXE 40-PIECE TAP AND DIE SET

 National Coarse & Fine Thread



40-pc. set for mechanics, machinists, engineers. One tap and die in each of following: 4-36, 12-24, 36-16, 36-24, 6-32, 46-20, 3/2-20, 12-20, 13/2-20, 1 handle, screwdriver, screw pitch gauge. Hinged metal box with moulded rubber intay tray, Imported. 13 R 55862 Shpg. wt., 31/2 lbs.

#### 20-PIECE TAP AND DIE SET

National Coarse 1 95



Twenty of the most often needed tapes 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, 14-20, 18, 18, 18-16, 18, 14, and 12-13, including die stock and adjustable tap wrench. Entire set

contained in a fitted metal case. Imported. Shpg. wt., 21/4 lbs.

NUT SPLITTER



. Handy For Removing Frozen Nuts

· Easy to Use

Nut splitter, a handy, compact time-saver only 434" long, this tool will split nuts up to 3/4" across flats. A few turns with any 3/4" hand wrench cuts the nut for easy removal.

14 R 52069 Shpg. wt., 1 lb. ... Net 5.95

#### PATTERN MAKER AND CONTOUR GAUGE



 Match and Outline Any Irregular Shape For home, shop and industry. Simplifies measurement and copying of Bregular shapes. Easy to use, just press the gauge's

steel teeth against any Irregular surface to exactly match and hold the shape taken uses include: measuring pilar contour. fling, floor tile, carpeting, wood mouddings, linoleum. 6" long. Imported. 14 R 52051 Shpg. wt., 34 lb. Net 1.59

#### REMINGTON 10" TUNGSTEN CARBIDE ROD SAW



• Cuts Like a Diamond CERAMICS Super abrasive . Fits Any Hacksaw Frame

Cuts materials that an ordinary hacksaw Cuts materials that an ordinary nacksaw can't cut; ceramic tite, glass, masonry materials, tough plastics, welds, steel alloys virtually anything hard or tough. Cuts curves and angles in any direction. No teeth to blunt, break, set or sharpen, Fits common hacksaw frame. Shpg. wt., 3 oz.

13 R 38508 10" Flat Tungsten Carbide Hacksaw Blade. 13 R 38516 Similar to Above. Net 1.95

VERNIER SLIDING CALIPER

The same of the sa

Sharp pointed projection for accurate dividing, scribing, etc. Lock nut insures against errors caused by sliding gauge. Rule gradu-ated in 16th and 32nds plus 5" depth gauge. Precision made. Imported, Shpg. wt., 6 Net 1.49

#### SAFETY EYE GUARD

Made in USA. Meets Fed. Spec. for impact and piercing. Opticalty clear plastic Non-fogging. Well ventilated, Undistorted vision. Fits any size corrective eyeglasses. Shpg. wt. 5 ozs.

### High Quality Pliers-Cutters for Electronics

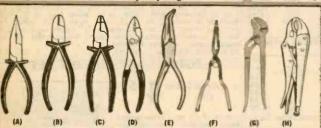
#### KRAEUTER "INDUSTRIAL" PLIERS



With Cushion Grip Handles

Fine quality—hammer-forged from high grade tool steel. Individually fitted, tempered and adjusted. Fully polished heads. Rust-resistant cushion grip handles. Ave. Shpg. wt., 1 lb.

Stock No.	Type	Fig.	Description	Net
13 R 28012 13 R 28020 13 R 28038 13 R 28046 13 R 28079 13 R 28202	35015 35016 37015 36616 27\$10 36535	1 1 2 3 4 5	5" Diagonal Cutters 6" Diagonal Cutters 5" Needle Point Diagonals 6" Needle Nose with Cutter 10" Joint Pliers 5" Radio & Ignition Long Nose Cutting Piiers (Cross-	3.29 3.29 3.69 3.39 3.09
13 R 28095	36107	6	Coil Springs) 7" Heavy Duty Diag.	3.99 3.39



(A) 61/4" LONG MOSE PLIERS. Durable drop forged steel pilers with hardened and tempered side cutting edges. Insulated handles for protection and comfort. Thin nose reaches into any space. Completely polished and lacquered finish to prevent rusting. Imported. Shpg. wt., 7 oz.

13 R 55783 Net 1.69 (B) SY4" DIAGONAL CUTTING PLIERS. Fully drop forged steel construction, Hardened and drop forged steel construction, Hardened and tempered cutting edges . . thin nose for hard to reach places. Shockproof handles are insulated for comfort and protection, Rust-proof finish is completely polished and lacquered, Imported. Shpg. wt., 9 oz. Net 1.69

(C) 7" LINESMAN'S CUTTING PLIERS, Large (C) 7" LINESMAN'S CUTTING PLIERS. Large strong holding grip, Rugged drop forged construction. tempered steel edges. Comfort design handles are shock insulated. Nose and handles protected by polished and lacquered finish—prevents rusting. Imported, Shpg. wt., 14 oz. Shpg. wt., 14 13 R 55809

(D) 8" SLIP JOINT PLIERS. Rugged, efficient adjust to a variety of positions, reach into any area. Strong gripping head with insulated cushion-grip handles. Long-lasting drop forged steel with attractive and protective chrome plated finish. Imported. Shap. wt... 12 oz. 13 R 55817

(E) 61/2" CURVE HOSE PLIERS. Versatile longnose pliers bent 45° at midpoint of jaws. Forged from special heat treated alloy steel. Hand honed side cutters. Insulated grips.

13 R 55205 Shpg. wt., 7 oz.

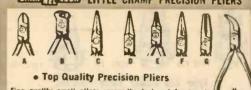
(F) LIGHTWEIGHT LONG NOSE PLIERS, Ideal for all types of delicate work and for reaching into hard-to-get at places. Spring closing
—holds wires, nuts, screws, etc. Handy for
mechanics, assemblers, hobbyists. 834" long. with soft plastic colored handles. Shpg. wt., 14 R 26014

(C) 91/2" HEAVY DUTY WATER PUMP PLIERS (6) 94%" HEAVY DUTY WATER PUMP PLIERS. Drop forged are joint slip-groose for big leverage on work you can't get with other gripping tools. Fully chromed and polished pliers offer maximum leverage and strength. 5. adjustments. 1" prarallel opening. Deep milled Jaws made of chrome vanadium steel. Insulated handles. Imported. Shpg. wt., 11/4 lbs

14 R 55211

(M) 10" PLI-GRIP WRENCH WITH QUICK RE-LEASE. Made of high quality chrome molyb-denum steel. Alt purpose drop-forged steel Jaw for flat, round, or hex work. Quick fin-gertip release lever permits convenient one hand operation. Has spring tension adjust-ment and bright plated finish, imported. 13 R 55999 Shpg. wt., 134 lbs. Net 2.39

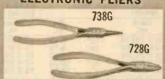
#### CHAN WE LOCK LITTLE CHAMP PRECISION PLIERS



Fine quality small pliers, ruggedly designed for bench work that requires delicate handling. Drop forged from high grade steel. Precision made and polished to jewelers finish with plastic cushion grlp handles: Avg. shpg. wt., 5 ozs.

Stock	No.	Type	Fig.	Description	Net
13 R 3	0059	41-G	A	4¼" Diagonal Cutter	3.39
13 R 3	0067	42-G	В	4" End Cutter Nipper	3.39
13 R 3	0075	43-G	C	4¾" Needle Nose	2.89
13 R 3	10083	44-G	D	4¾" Flat Nose	2.89
13 R 3	0091	45-G	E	4½" Round Nose	3.19
13 R 3	0109	47-G	F	4¾" Needle Nose Cutter	3.39
13 R 3	0117	48-G	G	4¾" Transverse End Cutter	3.49
13 P 3		40.0	ŭ	Aler Curred Needle Need	2.20

#### CHAN NEL LOCK ELECTRONIC PLIERS



Forged from high grade steel, precision machined. Specially designed for fine electronics work. Long slender reach...precision-matched jaws...hand-honed., precision-matched jaws...hand-honed, specially hardened cutting edges. The 738G long reach, round nose will pick up a human hair with its precision machined parts. The 728G-long reach diagonal cutters have a patented wire stripper that really works. With dipped plastic grips. Shog wt., 10 oz. 738G Round Nose 8" Long 13 R 30026

13 R 30026 Net 3.39 728G Diagonal Cutter 71/2" Long 13 R 30034 Net 3 59

#### REVOLVING LEATHER



Has 6 standard punching tubes. Made of long-lasting tempered steet. Imported. 14 R 61144 Shpg. wt., 13 ozs. Net 1.59

#### **ELECTRICIAN'S KNIFE**

For handymen and electricians Two.hlade knife with safety lock. Features a knife, wire scraper and screwdriver. Non slip handle. Overall size; 3½". With belt loop. 14 R 16510L Net 1.59



#### WIRE STRIPPER AND CUTTER



Self OpeningStrips Wire From 10-24 Gauge

For any size wire, stranded or solid. Adjustable arm for varying wire size. Made of hardened tool steel finely ground cutting edges. Built-in spring holds cutter open. Has ring-latch to hold blades in closed position. Shpg. wt. 6 oz. 14 R 16502 Net 1.49

#### AUTOMATIC WIRE STRIPPER AND CUTTER

Automatic Stay-Open Feature

Precision tool automatically cuts, strips all types of electrical insulated wire. Works on all standard gauges from 12 through 24. Complete with wire guide. Insulated handles. Imported. Shpg. wt., 34 lbs.

14 R 61250 Net 4.95

### **Professional Screwdrivers-Nutdrivers**









#### (A) SERVICE MASTER TOOL KIT

- Versatile 23 Piece Set Quick-Change Tools
- Durable, Roll-Up Vinyl Canvas Case

Model 99SM—Valuable kit has: pilers—6" long nose and 5" diagonal; 6" adjustable wrench; 9 regular nutdrivers 3/16" through 1/2"; 3 stubby nutdrivers, 1/4", 5/16" and 3/8"; Phillips screwdriver; 2 slotted screwdrivers, 3/15" and 1/4"; 2 reamers; extension. Shpg. wt., 3/4 lbs. 13 R 46436

#### (B) "TRAY BIEN" NUT DRIVER SET

- Solid Shaft 7 Color Coded Nut Drivers
- . Carrying Case for Bench Caddy or Wall Mounting

Model 127TB molded plastic bench tray has fold away stand. Holds tools securely yet permits easy removal. Hex sizes 3/16", 7/32", 1/4". 9/32". 5/16". 11/32". 3/8".

13 R 46469 Shpg. wt. 134 lbs. Net 6.75

#### (C) NUT DRIVER SCREWDRIVER SET

- 14 Piece Nut and Screwdriver Set
- Durable Plastic Roll Kit

Model 99PR—Thirteen interchangeable nut drivers and screwdrivers. Nine nutdrivers, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2". Sletted screwdrivers 3/16" and 1/4". Phillips screwdrivers (#1 and #2). Handle. Roll up kit. Shpg. wt., 1% lbs.

Net 9.60

#### (D) "TRAY BIEN" NUT DRIVER SET

- Hollow Shaft—7 Color Coded Nut Drivers
- . Carrying Case for Bench, Caddy or Wall Mounting

Model 147TB contains 7 hollow shaft color coded nut drivers. (Hex sizes 1/4", 9/32", 5/16", 11/32", 3/8" 7/16", 1/2".) Housed in attractive "snap lock" case for sequre holding and easy removal. 13 R 48477 Shpg. wt., 2 lbs. Net 8.94

#### COMPACT DOUBLE DUTY TOOL SETS

(F) PS 7 DOUBLE DUTY 100; SET—Saves bench space, Gives grip, reach and power of standard drivers with remarkable "forque amplifier" handle. Set includes: (all 346") 2 color coded nutdrivers, 40 and #1. Slim, pocket-fitting see-thru plastic case.

13 R 46220 Shpg. wt., ½ b.

Net 4.28
(6) PS 88 SCREWORIVER SET—Compact, for bench and pocket. Set has 5 slot tip screwdrivers: ½, ½, ½, ¼, ¼, ¼, ¼ 13 Phillips screwdrivers: #0, #1, #2. All 3½" pocket size plus 1x3¾" hollow handle. See thru plastic case, stand-up base. Shpg .wt., 9 oz.

13 R 46444 (H) 99PS-50 SET OF SCREWDRIVERS-NUTDRIVERS-Contains seven nut-(A) 999-30 SET OF SCHEWOHYERS-NOTDRIVERS—Contains seven nurdivers:  $\frac{1}{4}$ ,  $\frac{1}{4}$ , and  $\frac{1}{4}$ ? Hellips screwdrivers; an extension blade (adds 4" reach to single end blades) regular handle  $1\frac{1}{4}$ ,  $\frac{1}{4}$ 44%. Easy to work with in spare-saving, convenient see thru plastic case with flat base that stancs up on work bench. Shpx. wt.,  $1\frac{1}{4}$  lbs. Net 9.15

#### HIGH QUALITY CHROME VANADIUM SHAFTS-UL HANDLES

#### XCELITE POPULAR 6 PIECE SCREWDRIVER SET

 In Handy See-Thru Plastic



Assorted popular sizes to meet the requirements of a great variety of service, production and maintenance applications. High quality chrome vanadium blades with tough shockproof plastic (UL) handles, Set includes 4 slotted blade screwdrivers \( \frac{\pi\_1}{2} \), \( \frac{\pi\_2}{2} \), and \( \frac{\pi\_2}{2} \), and \( \frac{\pi\_2}{2} \), and 2 Phillips Type = 1-\frac{\pi\_2}{2} \), overall lengths 65c" to 1014". Shop .wt., 214 lbs. 13 R 46550 Net 5.50

Stock No. Type # Shaft Size Overall Net 13 R 46246 R144 13 R 46253 R146 13 R 46261 R148 6"x1/4" 8"x1/4" 2"x1/8" 10" 12" 21/2" 5" .47 13 R 46287 13 R 46295 R183 R184 3"x 1/8 4"x1/a" 8"x1/a" 1045" 13 R 46311 R188 SET-SCREW TYPE with pocket clip SET-SCREW TYPE—with po 13 R 46329 R184½ 4"X½" 13 R 46337 R3323 3"X½" PHILLIPS SCREWDRIVERS— 13 R 46345 X101 3" #1 p 13 R 46352 X102 4" #2 R 13 R 46360 X103 6" #3 p 13 R 46378 X108 6" #1 p alloy steel 3" #1 pt. 6½" 4" #2 pt. 7¾" 6" #3 pt. 10" 6" #1 pt. 10" .91 1.08

SLOTTED BLADE SCREWDRIVERS

HOLLOW SHAFT NUT DRIVERS Stock No. Type # Shaft Size Overall 13 R 46485 13 R 46493 13 R 46113 HS.7 HS-8 HS-9 13 R 46501 13 R 46121 13 R 46139 13 R 46147 13 R 46519 13 R 46154 HS-10 HS-11 HS-12 HS-13

13 R 46527 13 R 46162 .32 HS-16 HS-18 13 R 46170 HS-20 HS-22 13 R 46188 13 R 46535 1.55 13 R 46543

Extremely handy tool for assembling and disassembling. It's a  $\frac{1}{4}$  and  $\frac{1}{4}$ ." nut driver, a no. 1 Phillips screwdriver, and a  $\frac{1}{4}$ ." slotted screwdriver. Shpg. w., 5 oz. Net 1.92



1.15

### **SELECTED TOOLS for The Hobbyist**



Features exclusive automatic feed trigger and finger tip thermostat control, handy "on-oft" switch plus contoured handle. You get 60 second bonding for wood, tile, leather, fabrics, metals, masonry; or caulking. Thermostat control has three heat ranges for "idiling," "normal operation" and "extra flow." "Open/Close" nozzie control valve wrench included. Rated 70 watts at 120V., AC/DC. UL listed. Size: 6¼ x 4½". Made of black heat-resistant phenolics. Net 7.50 Pkg. of 8 Hot Melt Glue Sticks.

13 R 58225 Shpg. wt., 4 oz. Net .49 Pkg. of 8 Hot Melt Caulk.

13 R 58233 Shpg. wt., 4 oz. Net .49

Moody Miniature Tool Set

e in Handsome Leatherette Case

2495



Here's a practical set of 6 individual small tool sets each with chuck-type handles for the sportsman, hobbyist, do-It-yourselfer, Tv. and hi-fle enthusats. Sc-5 Tiny Screw Driver & Awl Set (Sizes: .0,55", .070", .080", .100", Awl); PA-5 Tiny Phillips Driver & Allen Type Wrench Set (Drivers: #0, #1; Wrenches: #4, #6, #8); SW-5 Tiny Socket Set (Hex Sizes: 5/64", 3/32", 7/64", 1/8", 5/32"); 0E-5 Tiny Offset Open End Wrench Set (Sizes: 5/64", 3/32", 7/64", 1/8", 5/32"); Thy Tap Set (Sizes: 0.40, 1-72, 2-56, 3-48, 4-40); #70 Tiny Tap Drill Set (Sizes: 3/64", #53, #50, #47, #43). 14 R 27095 Shop, wt., 3/4 lb. Net 24 95

Model SC-5 Screwdriver and Awl Set (only) 14 R 27012 Shpg. wt., 4 oz.

Net 2 25

#### SELF-ADJUSTING SOCKET WRENCH

## Adjusts

Automatically from 1/4 to 7/16

Now one tool replaces many socket wrenches! Now one tool replaces many socket wrenches! Simply press this wrench on any boil or nut from 1/4" to 3/4" in size and it automatically selects the right socket to fit, no other adjustments needed. High tensile strength sockets minimize slippage, provide high torque, Accommodates boil extensions up to 11/4" long, Chrome placed steel housing, insulated handle. Length 6". Shpg. wt., 1/2 lb Net 2 95

#### **6 PIECE HOLLOW SHAFT NUT DRIVER SET**



· Heavy-Duty

Plastic Handle · Made in U.S.A.

Heavy duty nut drivers with plastic handle. Hollow blade permits tightening of nut over long screws...slim-line styling reaches anywhere. Blade features rust proof finish. Sizes: 3/16, 1/4, 5/16, 11/32, 3/8 and 7/16°, Each nut driver is 51/2° long. Made in U.S.A. Shog. wt., 1 ib.
13 R 55833 Net 2.69

#### 9-PC. COMPACT NUTDRIVER SET



Handy Plastic Case

Nine-piece screwdriver set with color coded plastic handles and hardened, tempered rustprostic nandles and hardened, tempered rust-proof finish blades, includes: Slottedr (green-5/16", black-5/32", red-1/8", orange-3/16", yellow-1/4") Phillips: (blue-#0, orange-#1, yellow-#2). One interchangeable large handle.

13 R 56195 Shpg. wt., 3/4 lb.

#### 6-PC. PRECISION SCREWDRIVER SET

. Hardened, Tempered, Rustproof Blades

Partice for the hobbyist, jeweiry and electronic trades. This precision 6 piece screwdriver set has sizes from #1 to #6, width of blades 0.8-3.8MM. All have knurled handles with svilvel heads. Chrome plated brass handles with diameter of 3.5-8.0MM. Blades are hardened, tempered and rust-proof for rugged use. Complete with handy plastic indexed case with hinged cover. Imported.

13 R 56039 Shpg. wt., 3/4 lb.

#### 9 PIECE COMPACT SCREWDRIVER SET



· Handy Form Fitted Case

Nine-piece screw driver set with color coded plastic handles and hardened, tempered rust-proof finish blades. includes: Slotted: (green-5/16", black-5/32", red-1/8", orange-3/16", yellow-1/4") Phillips: (blue-#0, orange-#1, yellow-#2). One interchangeable large handle.

13 R 56179 Shpg. wt., 1½ lbs. Net 2.39

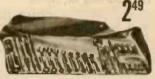
#### 13 PIECE INTERCHANGEABLE SCREWDRIVER & NIITDRIVER SET



 Precision Ground Drop-Forged Steel

Convenient Plastic Case

Set features one jumbo grip plastic handle and the following hardened, tempered, rust-proof interchangeable blades: 2 slotted screwdriver blades—3/16", 1/4", .2 Phillips screwdriver blades—#1, #2; .7 nutdrivers slzes: 3/16", 7/32", 1/4", 9/3", 5/16", 11/3", 3/8" Hex openings. 11/4" hole depth. One 4" extension blade. Compact, sturdy case. 13 R 56187 Shpg. wt., 134 lbs. Net 4,95 25-PC, TOOL SET



Set consists of 1 plastic screwdriver handle with aluminum chuck; 4 screwdriver blades (1/8 x 4¼x", 3/16 x 4¾x", 1/4 x 5" flat drivers and one No. 1 Phillips blade); 8 open and box end wrenches (13/64-7/32", 7/32-15/64", 15/64-1/4", 1/4-9/32", 5/16-11/16", 9/32-5/32", 11/32-3/8", 3/8-7/16"); 2-way flat ratchet handle; 2-way flexible shaft extension; 2-way 1/4" extension bar; 8 steel sockets 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16), All In a convenient roil pouch with pocket for each tool. Imported. 13 R 55338 Wt. 1½ ibs. Net 2.49 13 R 55338 Wt., 11/4 lbs. Net 2.49

#### TOOL-MATE



4 Dust-Free Drawers

The perfect portable tool organizer for the handyman or hobbyist...a workshop at your fingertips! Tool-mate keeps hand tools your tingertips! Tool-mate keeps hand tools and small parts handy and organized. 39 different tool slots; jumbo storage wells for large tools; and dust-free drawers for small parts. Everything is stored in an up-right, easy-lo-use, easy-to-lind position, Minutes to assemble. ... no tools needed. Size: 1142H x 14t x 7\*W. Shpg. wt., 3 lbs. 13 R 76243W. Met 3.95

### High Quality Drop-Forged Steel Socket Sets



95 CHROME PLATED 17 PIECE 1/4" DRIVE SOCKET SET

13 R 55643

Net 5.95



 CHROME PLATED 21 PIECE 3/8" DRIVE

ported Shpg. wt., 61/4 lbs.

Net 14,95



 CHROME PLATED 19 PIECE 1/2"

box with handle, Imported.

13 F 55635 Shpg. wt., 123/4 lbs. .. Net 19.95



#### 21 PIECE 1/4" AND 3/8"

Contains: 1/4" drive. 6 Pt. socket sizes: 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 1/11/6", 3/4", 1'. Plus: 3/8" dilve. 8" reversible ratchet, spinner handle, 3" extension, 6" extension, 3/8" Drive: 12 Pt. socket sizes: 9/16", 5/8", 13/16" spark plug socket (with neoprene insert,) adaptor; 3/8" to 1/8" drive. In metal hor Impartad Shoe with 33% they box. Imported. Shpg. wt., 334 lbs.

Net 9.95 13 R 56054



#### 11 PIECE 3/8" DRIVE METRIC SET

Handy socket set for foreign car and motor-cycle mechanic, Includes 7 mm, socket sizes —9, 10, 11, 12, 14, 17 and 19 mm; 3" exten-sion; 742" reversible ratchet; and ¾6" spark plug socket (with neoprene insert). In heavy lacquered metal storage box with molded inlay, Imported, 342.lbs.



#### 25 PIECE 3/8" DRIVE METRIC SET

All sockets have 6 and 12 points. Includes All sockets have 6 and 12 points. Includes 13 metric standard sockets, 8 metric deep sockets, plus spark plug socket, 3" extension and 8" ratchet, 411 %" drive. Comes in steel storage case. Sizes: Standard Socket: 7 - 19 mm. in 1 mm. increments; Deep Socket, 10 - 17 and 19 mm. in 1 mm. increments Shoe wt 6 lbs. ments. Shpg. wt., 6 lbs.

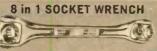
PROFESSIONAL TORQUE WRENCHES



Chrome plated 1/2" drive square with accurate pointer indicating torque applied in either direction in ft/lbs. Direct reading scale cali brated to measure standards traceable to the National Bureau of Standards, Overall length "20½". Scale graduated in 5 ft/lb. steps. 0-100 ft/lb. Popular model for auto work, For normal auto mainten-

ance. Shpg. wt., 2% lbs. 13 R 01415 Net 11.95

0-150 ft/lb. unit for larger displacement engines, trucks, etc. 13 R 01423 Shpg. wt., 21/2 lbs. Net Net 13.95



· Chrome Plated-Drop Forged Tool Steel

This professional quality 3 in 1 socket wrench does the work of 8 

#### — 8 in 1 METRIC SOCKET WRENCH—

Similar to above except has Metric sizes: 11, 13, 14, 15, 16, 17, 19, and 22 mm. 13 R 56229

Net 7.95 13 R 56203 Net 14.95

#### REVERSIBLE RATCHETS

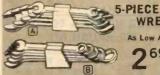
Professional quality, Highly chrome plated, Imported, Wt., 1¾ lbs. 13 R 55601 ¾" drive; 8" long Net 3.19 13 R 55593 ½" drive; 10" long Net 4.19

#### SPARK PLUG SOCKETS





Professional quality chrome plated drop forged steel with neoprene insert. Shpg. wt., ¾ lbs.
13 R 55819 '¼' - ¾' drive Net 1.09
13 R 55827 '¾' - ½'' drive Net 1.09
13 R 56237 '¾' - ½'' drive Net 1.09



5-PIECE DOUBLE END WRENCH SETS

 Mirror Finish As Low As · High Quality Drop Forged

Alloy Steel 5-Piece Open-End Wrench Set, Made of fine drop forged alloy steel. Both openings and body of wrench have a mirror finish. Sizes: ¾," x 1½," + ¾," x ¾," x ¾," x ¾," x ¾," x ¾," 36" x ¾." Complete with clip. Shope. wt., 1¼ lbs. Net 2.69

5-Piece Open-End Metric Wrench Set. Same quality as above. Sizes 8mm thru 17mm. Shpg. wt., 11/4 lbs.

13 R 56146 Fig. A Net 2.99
5-Piece Combination Set. Open-end and box end openings in same wrench, Same quality as above. Ends offset. Size 3/8", 7/16", 1/2", 9/16" and 5/8", 11/16" and 3/4". Shpg. wt., 1 lb.

13 R 55874 Fig. B

Net 2.69

### Tools and Tool Boxes

MECHANICS' FOUR TRAY CANTILEVER TOOL BOX

• Full Size Storage Compartment - PLUS -Four Easy-Glide



Professional quality tool box. Ideal for machinists, electronics and automotive repairmen. Double cover swings out for easy access to each compartment. Bottom compartment large enough to store bulky tools. Extra-heavy gauge steel. Heavy-duty round handles and padlock eyes for locking. Handsome baked blue enamel finish. Overall size: 17"Lx8"Wx81/4"H. Shpg. wt., 16 lbs. 13 R 56104W

Net 9.95

#### HIP-ROOF TOOL BOX

With Lift-Out Tray

lasting, electrically Long welded heavy gauge steel construction with full-length hinge. Perfect for the homeowner, mechanic, or handy-man. Plated handle will not break or pull out. Lift-out tray for smaller tools. Large storage area for bigger tools, 19Lx7Wx71/4"D. Shpg. tools, 150 tools, 150 ut., 61/2 lbs 13 R 42500W Net 4.95



#### STEEL TOOL AND UTILITY BOX

13½" long tool box. Cantilever tray with four compartments, Room enough for soldering iron, pilers, screw drivers, wrenches, etc. Pushbutton catch with hasp for lock, Full grip handle, Baked enamel in glossy finish. 13½ Lx 6½W x5"D. Shpg. wt., 4 lbs. 14 R 86067 Net 2.95



#### MINIATURE IMPROVED HOIST

· 2000 lb. Capacity

Simple, reliable hoist enables you to lift as much as 2000 lbs., yet weighs only 1½ lbs.! Ideal for hunters to hoist heavy game for cleaning, or boat owners to mount outboard engines with ease; can also be used to stretch a chain link fence. Has rust resistant cadmium plated housings, heavy duty welded ring, double grip safety hooks, nylon rollers, and locking device to eliminate slack. Includes high tensile-strength 65' nylon rope for long life. Shpg. wt., 2 lbs.

13 R 19060 Net 5.95 13 R 19060 Net 5.95



#### BADGER HOBBY & TOUCH-UP AIR BRUSH KIT



Only . • Complete with Air Brush. Vinyl Hose, Air Valve, Mixing Jar, Thinner, 4 Jars Paint, and Instructions

One of the handlest tools for the handyman, craftsman, hobbyist, and homemaker. For professional refinishing or Invisible touch-up on appliances, furniture, boats, cars, etc. Easy to use, air brush features high impact Delrin body, adjustable paint tip for fine or heavy spray, 15 oz, aerosol power pack with vinyt hose and on-off air valve, metal controls. Comes with 4 Jars of paint—RED, YELLOW, BLUE, BLACK. Easy-to-follow instructions.

13 R 45537 Shpg. wt., 3 lbs. Net 7.95 REPLACEMENT POWER PACK 13 R 45529 Shpg. wt., 11/2 lbs.

#### **HEAVY DUTY** MACHINIST'S CHESTS

· Electrically Welded Heavy Duty Steel

Ten Felt-Lined **Drawers** 

Pin-Tumbler 4 Chest Lock

10 Drawer Machinist Chest with 10 felt lined drawers for storage and protection of tools. Rug ged construction with hinges, and full suspen

sion drawer slides for full extension of each drawer. Removable front panel locks when cover is closed and stores below drawers in a fitted campartment when open. Overall size: 8½x17½x20" Tilt in top 8½x4x20". 6 drawers 7½x1x85%". Others 7½x2x85%", 7½x1½x18¼". 7½x2½x3x18¼". 7½x23x18¼".

13 R 19540W No Money Down\* Shpg. wt., 361/4 lbs. Net 41.95

#### 3 DRAWER TOOL CHEST

An all purpose ruggedly constructed 3 drawer carrying type chest. Drawers have full suspension sildes. Drawers may be locked in place even if cover is closed. Features electrically welded heavy gauge steel and baked enamel Stlicone treated finish.
Dimensions: Box —
8½"Dx10¼"Hx20" long;
3 drawers — 7½Dx1½Hx18¼"L 13 R 19508W Shpg. wt., 18 lbs.

Only 95 Net 16.95

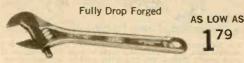
#### 11 PIECE COMBINATION WRENCH SET

- Full Professional Size
- Handy Viny! Roll-Up Kit



14 Piece Wrench Set similar to above plus addition of  $1\frac{1}{16}$ ",  $1\frac{1}{16}$ ", and  $1\frac{1}{16}$ " length of wrenches **6**" to  $16\frac{1}{12}$ " long. Shpg. wt., 11 lbs. 13 R 56245

#### ADJUSTABLE END WRENCHES



Adjusts Jaws with a flick of your thumb . . . oversized knurl speeds opening and closing. Entire wrench is made of drop forged steel and fully polished. Thin head gets into tight places easily. Extra long for better leverage.

Stock No.	Size	Max. Jaw Open.	Shpg. Wt.	Net
13 R 55668	6"	3/4"	8 oz.,	1.79
13 R 55676	8"	1"	11 oz.	2.39
13 R 55684	10"	148"	1 lb.	3.19
13 R 55692	12"	13/8"	1¾ lbs.	3.95

### Work Benches - Shelves - Insect Killer

#### STEEL STORAGE SHELVES

· Combines Strength · Unlimited Arrangements For and Beauty All Storage Needs



Here's the bright, modern look in steel storage shelving ideal for offices gerages, stores—anyplace where both gerages, stores—anyplace where boys strength and beauty dictate your storage needs. New exclusive keyhole shelf clip is an easier and quicker method of shelf attachment. Spilt posts permit atternate attangements of a single unit and an un-limited number of multiple unit arrangements to meet every storage and space requirement. Textured silver shelf finish resists flaking, peeling, rusting; grey

4 shelf Unit: 60"Hx30"Wx12"D.	
Shpg. wt., 14 Jbs. 13 R 18567W	Net 6.95
	MEL P'92
5 shelf Unit: 72"Hx36"Wx12"D. Shog, wt., 23 lbs.	
13 R 18575W	Net 9.95
6 shelf Unit: 72"Hx36"Wx18"D.	
Shpg. wt., 36 lbs.	
13 R 18583W	Vet 12.95

#### 12V, AIR PUMP AND EXHAUSTER

• Plugs Into Cigarette Lighter Receptacle . Inflates And Deflates Objects

Effortlessly

This powerful and compact rotary air compressor is sure to be one of the handiest devices you'll ever own!! No more "huffing and putfing" the next time you wish to inflate air mattresses, pools, toxy, blow-up furniture, etc. Deflating is just as easy: your compressor will exhaust all the air making the folding and storage of your inflatable items a cinch! With nozile and 10' cord able items a cinch! With nozzle and 10' cord, 2.7 psl air pressure. 12V DC. Imported. Shog, wt., 1 lb.



(A) POP RIVETOOL KIT

Rivet metal to metal, plastic to wood, fabric to fabric. Easy to operate, just insert rivet into tool, place in pre-drilled hole and squeeze—you have a strong rivet joint, Ideal for hobbyists, electronics, household and a

(B) DUAL RIVETOOL KIT

Contains the new "Pop" rivetool with two interchangeable nosepieces to set 1/4" steel and aluminum and 1/4" aluminum "Pop" rivets, includes 1/6" and 1/4" rivets in assorted lengths, and backup plates. Shpg. wt 11/6 life. wt., 11/2 lbs. 13 R 54083

Net 4.95 DIVETS FOR ABOVE KITS

MITTER		TOOLE MILO	
1/0" Rivets Steel	Av. Shp	g. wt., 4 oz.	
Stock No.	Qty.	Work Thickness	Net
13 R 54026	25	¾e"	.49
13 R 54034	20	1/4"	.49
13 R 54042	15	1/2"	.49
%" Rivets Alumi	num		
Stock No.	Qty.	Work Thickness	Net
13 R 54091	15	1/4"	.49
13 R 54109	12	1/2"	.49
13 R 54117	10	5/8"	.49
Back-Up (Reinfor	cing) P	lates	
Stock No.	Qty.	Rivet Size	Net

30

13 R 54059 13 R 54125



#### STEEL FRAME WORK BENCH

Includes Tool Rack, Peg Board Back Panel and **Bottom Shelf** 

A new all-steel frame work bench A new all-steel frame work bench that is the ultimate in convenience and serviceability. The rigid, all steel frame is the core of this complete workshop that will last for years. Features a big 24x48\* work top of special, heavy-duty, compressed high-limate heavy-duty, compressed high-

neavy-duty, compressed high-impact board to withstand the convenient tool rack with peg board back panel. Base on each leg gives extra support and can be bolted down if desired, Easy-to-as-semble, 34½" high, (Tools not Included.) Shpg. wt., 54¼ lbs.

#### ALL-PURPOSE BENCH FRAME



It's easy to make a bench for every purpose—in the garage, store, house, laundry room, playroom, etc. Heavy gauge steel, completely pre-drilled, ready-to-assemble—just add the top. For larger benches, combine 2 or more. Overall: 221/2x471/2x34" high. Shpg. wt., 19 lbs.

TOOL RACK, Prepunched to fit frame, 46"L.

13 R 35025W Shpg. wt., 3 lbs. Net 2.29

#### "ADD-A-DRAWER"

In only seconds you get a permanent drawer under any flat surface — table, bench, cabinet, shelf, desk, etc. Completely assembled—comes with 2 brackets and 4 screws for easy installation, All-steel drawer with handy knob.

Gray—can be repainted any color of your choice. Drawer size: 12 x 12 x 3½". Shpg. wt., 3½ lbs. 13 R 36023

#### **POWER MAGNET**

Made of Alcomax a material with 12 times the magnetic energy of tungsten steel. Designed for efficient performance/weight ratio— will lift up to 50 times its own weight.

rimes its own weight. Horseshoe shape with plated keeper, ideal for such applications as magnetic clutch, work holding, etc. Size 1½"Hx1½"Dx1¾"M. Distance between poles is ½". Imported from England.

14 R 33028 Shpg. wt., 3/4 lb.

**BUTTON MAGNETS** A special "Alni-co" button carefully designed to

efficient mag-netic field. Attachable to any non-ferrous material by non-magnetic screws, Ideal for use most everywhere as magnetic fasteners. Suppiled with plated keeper, imported from England, Avg. shpg. wt., 4 oz.

STOCK NO.	HEIGHT	DIA.	MTG. HOLE DIA.	EA.
14 R 33093	3/9"	1/2"	134"	.65
14 R 33101	1/2"	3/4"	%a"	.99
14 R 33119	5/9"	1"	34."	1.45

#### POW-O-MATIC STEEL TAPE

**Push Button** 3/4 In. x 12 Ft.



Power push button 12' yellow steel measur-ing tape. Easy to read, red and black. Ft., and inch markings. 1/4" and 1/6" graduations, with zip belt clip

14 R 16056 Shpg. wt., 1 lb... Prices and Specifications are Subject to Change Without Notice

#### Net 3 95 ELECTRONIC INSECT KILLER



 Easy To Use Just Plug In Ideal For Patios

No Chemicals-No Sprays-No Fumes

> Only 295

An efficient, economical and safe insect con-An errorent, economical and sare insect control system with INSECT-O-MATICIM electronic bug killer, Helps kill gnats, mosquitos, moths, bees, and flies in your home, porch, garden, or pool area without the use of messy insecticides. Completely electronic system produces no disagreeable odors or system produces no disagreeable odors or harmful fumes, Operates indoors or out for pennles a day, Attractive white and black finish. Size: 10½"hx4¾"Wx4½"D. For 117 VAC 60 Hz. Shpg. wt., 2 ibs. Net 3,95

Replacement bulb for above (pk. of 2) wt., 6 oz.

SELF LOCKING HASP-LOC

195



367

Self contained; no need to purchase a separate padlock. No keys required to lock; keys used for opening only. Heavy duty and rust proof. Size 4½" with 2 keys. 13 R 75054 Shpg. wt., 1 lb. Net 2.95

### Sprayers for Handyman-Professional-Hobbyist

### SPRAYIT. 120 HANDYMAN SPRAYER



Convenient Self-Contained Sprayer

Sprays Oils, Paints, Insecticides, Liquid Wax
 Designed for Home Owner or Hobbyist

This economy priced portable sprayer is one of the most convenient self-contained sprayers built. It combines portability with high performance, making it perfect for spraying fences, screens, furniture, insecticides etc. It features an oil-less heavy duty diaphram type compressor. A lightweight constant air flow pressure-feed gun gives excellent results with all sprayable materials, includes 8 ft. rubber air hose and 6' electric cord. For 117V AC. Shpg. wt., 101/2 lbs.
14 R 84153W Net 29.95

#### HEAVY DUTY TYPE SPRAYER



Sprays Oils, Paints, Insecticides, Liquid Wax

Quiet-running diaphragm type compressor

1 gt. aluminum canister

Economy priced portable sprayer designed for the homeowner and hobbyist. Precision engineered throughout to give professional results. Compact, lightweight, versatile... perfect for those dozens of small jobs around the house, wherever and whenever spraying is needed. The spray gun easily handles paint and other types of sprayable material, Sprayer unit features an internal mix spray gun, adjustable spray pattern, quart aluminum canister with a deirin thread insert to prevent fouling and 8° air hose. Easy to operate, just plug in any 115 v. outlet. Develops maximum pressure of 40 psi. 7 ft. power cord, Shog, wt., 13¼ lbs.

14 R 67539 No Money Down\*

Net 39.95

#### SPRAYIT. PRESSURE FLOW PAINT ROLLER KIT

. No Dip-No Drip-Feed **Paint Directly From** Can to Roller

Saves time and steps, Bolts to any standard 1 gallon can, Has 15 ft, supply hose for easy reach. Use with compressors above or any compressor with range from .65 cfm at 20 psi to 3 cfm at 40 psi. Shpg. wt., 81/4 lbs.

14 R 84096 34" Hi-Pile Roller for rough surfaces 14 R 84104 Shpg. wt., 5 oz. 34" Pile Roller for smooth surfaces. Net 23.95 Net 3.79 14 R 84112 Shpg. wt., 5 oz Net 2.75

Only

#### PORTABLE ELECTRIC SPRAYERS-COMPRESSORS

#### MAXIMUM 100 PSI

Tire Inflation Spray Painting Operating Air Tools, etc.

1/2 H.P 3/4 H.P. 1 H.P.

SHIPPED PREPAID FROM FACTORY WITHIN CONTINENTAL UNITED STATES-NO C.O.D. SEND FULL REMITTANCE OR USE LAFAYETTE'S EASY PAY PLAN \*

#### 1/2 H.P. SINGLE CYLINDER—Displaces 3.2 CFM

All purpose 1/2 H.P. portable electric sprayer for use in your home, garden, workshop or garage. Great for spraying paint, insecticides, moth proofing, and furnigating as well as painting. Cylinder has 234." bore x 11/4" stroke, aluminum head, Swedish steel valves and Torrington needle roller bearings. Delivers 2.0 CFM at 40 PSI and 1.4 CFM at 100 PSI. Automatic pressure switch charges the 12 gallon reserve tank at 70 PSI and turns off at 100 PSI. Lightweight aluminum 1 quart pistol grip spray gun has adjustable spray controls and regulator with gauge, Other features include: safety valve, reserve gauge, shut-off, Fan type flywheel, 15' hose assembly and 8" wheels for easy mobility. For 117 VAC 60 Hz. Shpg. wt., 95 lbs.

14 R 67505WXZ No Money Down\*

Net 119.95 14 R 67505WXZ No Money Down\*

#### 3/4 H.P. SINGLE CYLINDER—Displaces 3.7 CFM

Similar to above but with increased air delivery (2.4 CFM at 40 PSI. 1.7 CFM at 100 PSI) and 15 gallon reserve tank, Shpg. wt., 97 lbs. 14 R 67513WXZ No Money Down\* Net 139.95

#### 1 H.P. TWO CYLINDER—Displaces 8.2 CFM

Similar to above but with larger 2" stroke for more air (6.1 CFM at 40 PSI, 5.1 CFM at 100 PSI), 15 gallon reserve tank for reduced air supply pulsation and bigger 10" wheels for greater mobility over lawns as well as indoors. Reserve tank pressure adjusted to 80 PSI compressor restart. Shpg. wt., 165 lbs. 14 R 67521WXZ No Money Down\* Net 199.95

ELECTRIC SPRAYER

 5 Position Nozzle Adjustment

Includes Viscosimeter-Strainer

195



All purpose spray-gun for auto touch-up and refinishing, outdoor and household furniture, shutters, walls, siding, fences, etc. For use with water-base paints, enamels, acrylics, lacquers, and varnishes as well as spray insecticides for mothproofing. "Sprayali" comes in shatter-proof polypropylene housing with unbreakable graduated 28 oz. jar plus genuine sapphire jeweled nozzle and 5-position spray control lever for adjustment to any job. For 117V AC. Shpg. wt., 2 lbs. 12 R 43518

#### PORTARIE POWER GENERATOR WITH PERMANENT MAGNET ALTERNATOR

- Produces 115 Volts AC
- 3 H.P. Lauson Engine
- a Choice of 1000 Watt or 1250 Watt Models -Continuous Duty

as low as

No Money Down\*

A compact, portable electric power plant for on-the-spot electricity any-time, anywhere. Features a perma-nent magnet alternator that gives you more power and trouble-free operation — no brushes, armature windings, belts, slip rings or commutators. Dependable Lauson 3 H.P., 4 cycle engine gives easy-to-start, long-life service hour after hour, 142

of capacity fuel-tank. Standard equipment includes: visual fuel gauge, visual oil level indicator, Duplex receptacle, rubber shock absorbing feet, recoil starter and carrying handle. Portable. Compact. 115 VAC.

Stock No.	Continuous Duty	Shpg. wt.	Net
13 R 49018WX	1000 Watts	631/2 lbs.	229,95
13 R 49026WX	1250 Watts	69 lbs.	244.95

#### SURMERSIBLE POW-R-PAK PUMPS



Corrosion Resistant

Hermetically Sealed Motor

For Circulating And Dispensing

All-new Pow-R-Pak trouble free pumps for underwater use. Circu-lates and dispenses water and mild

age dispensers, aquariums, photo developing, air conditioning, etc. Permalubed. Corrosion resistant stalniess steel and plastic unit. Overload protection, threaded intet and outlet, Outlet: E-200 has 14" std. pipe thread, E-400, 700 has 3%" std. pipe thread, Comes with 6 ft. cord. For 110 Volts, 60 Hz. AC. Average size: 2\(^2\text{bavava}^4\text{av}^4\).

Gals, per Hr. At

	Model				Ht.	Amps .	Shog, wt	Net
13 R 89048	E-200	220	155	80	7'	.40	3	11.95
13 R 89055	E-400	400	320	220	11'	.91	4½	15.95
13 R 89063	E-700	700	540	430	13'	1.9	5	25.95



#### 1300 GPH SUBMERSIBLE PUMP

 Standard Hose Connection Outlet

 Operates at Depths up to 40 ft · Double Epoxy Coating-

No Money Down Will not Corrode Heavy-duty sump pump or basement baller. Has long life carbon ceramic seal, thermo-overload protection, and leaf strainer. Standard garden hose outlet 3.4" std. pipe thread inlet. Ideal for many underwater applications, such as in pools, fountains, etc. Pumps gallons per hour: 1300 @ 2 ft. 1030 @ 5 ft., 810 @ 10 ft., 500 @ 15 ft., 300 @ 25 ft. Shut off @ 40 ft. 4.5 amps load. 434Hx7"D. 110V 60 cy. AC. With cord, Shpg. wt., 544 lbs. Net 44.95

#### MINIATURE PUMP AND MOTOR

- Powerful—Raises Liquid up to 12 Feet
- High Capacity—1½ Gallons per Minute
- · Waterproof, Lightweight Construction

Industrial Quality

A motorized, miniature pump for the hobbyist and "Do-It-Yourselfer." Pumps liquids from container to container at the rate of up to 1½ gallons per minute and raises liquids up to 12 feet. Ideal for fountains, water house plants, aquarilums, science projects, waterfalls, etc. Pumps water, chemicals, viscous liquids. Requires just

3 to 12 volts DC. Shpg. wt., 4 oz. 13 R 19037

Net 4.49

See Page 22 for Full Credit Details on Easy Pay Plan

#### TINY TIGER "HUSH TONE" PORTABLE GENERATOR

Economical Gas Driven

Motor 115 A.C. 350 Watts Electric Power 12V D.C. 12 Amps.

Only 14 lbs Automatic Overload Relief-for Tools. Appliances, Boats

12V D.C. for Battery Charging

1 H.P. Motor

Model 5001-1—Lightweight, rugged metal construction! Features a 1 hp, 2 cycle Ohisson & Rice air cooled engine with a high capacity magneto ignition, 6 pint, premixed (24 parts gas—1 part oil) fuel capacity allows operation at full power (6,300 rpm) for 2½ hours. Also features built-in quietness with a larger "Hush Tone" spark arrester murifer. Dual voltage, direct drive Tiny Tiger generator produces up to 350 watts of 115%, AC, and 12 amps of 12V., DC simultaneously for charging batteries, for starting cars, boats and trucks. Constant voltage within 110-120 volts with an automatic overload relief system. Light enough to carry anywhere (14 lbs.) . . small enough to carry in one hand (8½"H x 8½"W x 10¼"L). Shpg. wt.

161/2 lbs. 12 R 35522 No Money Down\* HANDY CARRYING CASE 12 R 35514 Shpg, wt., 6 lbs.

95

Net 10.95

#### 12 VOLT DC SUBMERSIBLE PUMP

Operates In Any Position-Submerged or in Open Air When Primed

Ideal For Marine Use

Small enough to fit under marine engine stringers and duckboards, Small enough to it under marine engine stringers and outcoords, recreational vehicles and mobile homes. Pump delivers up to 400 gal./hr. (direct discharge) or pumps to 11' heights. Lifts water more than 6' below when primed. Draws 1.5 amp. at 12 voits. Port Connections. Beige inlet plate and strainer, and ½" female pipe threaded inlet plate. Outlet is ¾" N.P.T. male and will accept ¾" 1.D. hose. Stainless steel shaft and high impact cycolac case. Size: 2½ x 2½ x

13 R 89071 Shpg. wt., 11/4 lbs.

Net 13.95



#### WATERFALL KIT

Enhancing waterfall of cas-cading water constantly recading water constantly re-circulated by electric pump. Gallons per hour delivery: 180 at 1 ft.; 140 at 3 ft.; 100 at 5 ft.; shut off at 10 ft. Outlet ¾,": inlet ½," pipe O.D. Load: .65 amps; 43 watts. No concrete needed;

C.D. Load: .65 amps; 43 watts. No concrete needed; complete with instructions. Kit consists of pump, 8-ft, plastic hose, 7 ft. sealing poly, pump fliter. Shpg. wt., 6¼ lbs. 13 R 89025.

POWERFUL SELF-PRIMING PUMP

**Easily Connects To** Standard Garden Hose

WORKS OFF ANY ELECTRIC DRILL

Now you can pump water, lubricants, solutions, and other liquids up to 10 feet vertically or prime a maximum horizontal distance of 50 feet. Compact and economical self priming pump handles up to 200 gallons per hour with 2,000 RPM ¾4" drill at temperatures from 40° to 180° F. Perfect for home, farm, or industry, to pump out basements, fill or empty tanks, or transfer chemical solutions. Lightweight, rugged phenolic plastic construction resists chemical corroston. Fits electric drills like a "bit" and takes ordinary garden hose. Shpg. wt., 1 lb.

13 R 33756

6.95

### **Battery Chargers And Booster Chargers**



### **BOOSTER CHARGER**

50 Amp. Battery Boost

Power 10 Amp. Battery Charger

For 6, 8 or 12 Volts

Only 7995

Starts cars fast in the coldest weather with automatic 50 amp. boost. Perfect for 6, 8, or 12 volt batteries used in trucks, cars, boats, tractors and other vehicles. Operates as a booster and as a 10 amp. charger. Features include: color coded meter indicates battery condition, charging and booster rate, and correct

charging and booster rate, and correct polarity. Full wave charging circuit, triple density selenium rectifiers, isolated and fully impregnated transformer, and an auto-reset circuit breaker; heavy duty 8' input cord, and heavy duty 6' cables with soldered clamps for full output; acid resistant front panel and baked enamel back and sides. All internal components are plated for protection against corrosion. UL listed. Size: 8Hx54/4Wx6"0.

11 R 01062 Shpg. wt., 1134 lbs.

#### 10-AMP BATTERY CHARGER



- For 6 & 12 Volts
- With Meter
- **Automatic Circuit** Breaker

Model C-6612. Heavy-duty 10-amp charger for 6 or 12 volt battery, which will bring the battery to full charge in 2 to 6 hours or less. Equipped with an automatic circuit breaker for overload protection. Selector switch for changing voltage. Accurate ammeter shows rate of charge entering battery. Rugged steel case with gold colored flinish and two-tone brushed aluminum. Complete with cables. 117 VAC, 60 Hz. U.L. listed Shpg. wt., 121½ lbs. 11 R 55191

#### SCHAUER

#### **6-AMP BATTERY CHARGER**

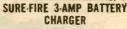


- Automatic Circuit Breaker
- For 6 & 12 Volts
- . Built-in Meter

Model B-6612 charges both 6 and 12 volt batteries at a 6-amp rate. Will recharge the average battery in from 3 to 7 hours. Charger is equipped with an automatic circuit breaker for overload protection. Selector switch changes operation from one voltage to another, and an accurate numeral dial ammeter shows the exact rate of charge. Case is of rugged steel. Complete with battery cables 117 VAC., 60 Hz, UL Listed. 94%6x6142".

11 R 55183 Shpg. wt., 9 lbs.

Net 14.95





- For Both 6 & 12 Volts
- Built-in Meter
- Automatic Reset Breaker

Full 3-amp battery charger for quick starts in all weather. Edge view colored meter shows actual breaker gives automatic overload protection, Has 6 and 12 volt selector switch. Delivers tapering charge. Vented steel case; may be wall mounted. 6 ft. battery leads with 50 amp clips. Size: 6 x 44z x 544". For operation from 105-125 Volt. 60 Hz AC. UL Listed. Listed

11 R 76049 Shpg. wt., 5 lbs.

BOOSTER CHARGER 100-Amp. Battery Boost Power 6, 8 or 12-Volts,

10 Amp. Battery Charger Trickle Charger

As Low As

4 95

No Money Down\*

Model WS-100-10. Get that extra

Provides 100 amp. booster power, 10 amp. and trickle charging for 6, 8 or 12-volt batteries. Ammeter indicates changing current, Features full wave rectifiers, heavy-duty transformers and an automatic reset circuit breaker. Push-button control panel with reverse polarity indicator light is enclosed in a rugged steel case with a baked wrinkle finish. Steel carrying handle also stores the heavy-duty input cord. U.L. Listed. Size: 12x75.9" Shpg. wt. 22x4 libs. U.L. Listed. Size: 12x7x9". Shpg. wt., 221/4 lbs.

Model WS-200-20 similar to above but with extra heavy-duty 200 amp. boost power, 20 amp. charger with trickle charge. For 6, 8 or 12 volts. Size: 12x9x9". Shpg. wt., 321/4 lbs. 11 R 76106W No Money Down\*

#### SURE-FIRE 8-AMP AUTOMATIC BATTERY CHARGER WITH 6-HOUR TIMER



- For 6 & 12 Volts
- Colored Meter Automatic 6-Hour Timer
- Trickle Charge

Automatic timer can be set from 5-min. to 6-hrs. After timer shutsoff, charger automatically into a trickle charge cycle which keeps battery fully charged. Uses selenium rectifiers and features automatic circuit breakers. Color meter shows rate of charge. With 6' power cord, 50-amp clips attached to battery cables. 117 VAC. 10x6\(\frac{1}{2}\)x7\(\frac{1}{2}''\). UL Listed. Shpg. wt., 11\(\frac{1}{4}\) lbs. 11 R 76072

#### HY-CHARGE® 2-IN-1 BATTERY CHARGER



- For 6 & 12 Volts
- Automatic Circuit Breakers

The Hy-charge battery charger keeps all 6 and 12 volt batter-les fully charged for peak per-formance even at 40° below freezing. Full 1 amp. "safe" late buckling — Has automatic

charge rate prevents flacking and plate buckling—Has automatic circuit breakers to prevent overloading. Easy to use—plug the line cord into any 110V outlet, connect the two terminals to battery, Cah't overcharge—automatically tapers off, With handle and wall-bracket. Size: 5x3½x3". Shpg. wt., 3 lbs.

11 R 76023 Net 6.95

erado TRAV-ELECTRIC

Self-Contained Power Supply with Battery and Automatic Recharger

• Delivers 117 Volts 60 Hz A.C. At 125 Watts Continuous

3 to 4 hours of Portable T.V. Operation on One Charge

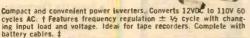
Hundreds of uses: Operates TV's, powertools, barbecue motors, lights, hedge clippers, or, appliances using 117V. 60 Mz AC. Has self-contained 30 amp. rechargeable wet storage battery. Frequency stable within ½ cycle with load changes. Plugs into AC outlet, or, car cigarette lighter to recharge battery. Has automatic overcharge protection. Meter shows charge rate and hours of anticipated outμut. Size: 12x51/2x8". Shpg. wt., 36¾ lbs. 11 R 63161W No Money Down\*

ado - C - D - TRIPP LITE Inverters

TERADO SOLID-STATE LOW AS **DC-to-AC INVERTERS** 

Transistorized

• 110 Volt AC Electricity NO MONEY From Your 12 Volt Battery OCWN\*



Stock No.	Mfgr. No.	Wat Cont.		Size	Shpg. Wt. Lbs.	Net
11 R 53013	50170	125	150	1034 x 6 x 6	113/4	45.45
11 R 63153	50205	140	175	1034 x 6 x 6	1134	51.50
11 R 63203	50128	450	500	6 x 6 x 124/2	1934	97.17
11 R 63237W†	50201	150	175	10% x 6 x 6	161/2	100.51

#### TERADO "SENIOR" DC TO AC INVERTER

Vibrator type inverter, Has automatic frequency control. Converts 12 vois OC to 110 volts, 60 cycles AC. Frequency regulation ±½ cycle. Filtered. Plugs indo cigarette lighter. With battery cables, Size 2½2½2½ A½". Output 40 W. constant, 50 intermittent. 11 R 63062 Shpg. wt., 2¼ lbs. ... Net 20.16



#### TERADO "DYNAMO" BC TO AC INVERTER

Operate any small radio in any 12 volt car, operate any smail ratio in any 12 voit car, truck, boat or trailer. No installation—just plug into cigar lighter. Operate electric shaver or any electric appliance up to 25 watts. With generator condenser and ignition noise suppressor. Size: 2 x 2 x 3 4%.

11 R 63179 Shpg. wt., 2 lbs. .... Net 16.47



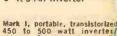
#### TRAV-ELECTRIC "AUTO-SHAVER"

Operates all electric snavers. Plugs into cigarette lighter. Polyethylene non-break-able case. Size: 39% W x 214 0 x 414 M, 12 volts 15-20 watts. Shpg. wt., 2 lbs. 11 R 63047 12 Volt Net 11.85



#### TERADO SOLID-STATE INVERTER-CHARGER

- It's A Battery Charger
- It's An Inverter





#### **CORNELL DUBILIER** DC TO AC INVERTER

95 No Momey Down \*

- Delivers 125 Watts Continuously
- · Features "Hash Free" Filtering For Interference-Free Reception



11 R 18256W Net 42.95 Model MK-3544-4 Mounting 101-Heavy flanged plate for bulkhead or floor mounting. Includes hardware and instructions. 11 R 18264. Shpg. wt., 21/4 lbs. Net 3.60

See Page 22 for Full Credit Details on Easy Pay Plan

TRIPP LITE 150-WATT TRANSISTORIZED INVERTER

95

- Delivers 150 Watts Continuously
- Fused to Protect Battery
- · Provides Household Current Anywhere

Model PV-150

A low-cost transistorized inverter which changes 12-volt DC to 115volt 60 Hz AC. Delivers 150-watts continuously: 175-watts inter-mittently for shavers, recorders, radios. TV and many other appli-ances. Has on-off switch and replaceable fuse. Rugged construction. Size: 5 x 5 x 3 1/2". Shpg. wt., 3 3/4 lbs. 11 R 89505 No Money Down\*..... Net 39.95

TRIPP LITE 100 WATT TRANSISTORIZED INVERTER 095

· Converts 12 Volt DC to 115 Volt AC

• Delivers 100 Watts Continuously

· Plugs Into Lighter

MODEL PV-100 Designed to give instant AC power where fast emergency service is needed. Lightweight, low-cost inverter converts 12 volts DC to 115V., 60 cycles AC; delivers 100 watts continuously. Specifically engineered to power televisions, and tape recorders in cars, boats, planes, or mobile homes. Incorporates 2-power switching transistors. Complete with cigarette lighter plug, and standard AC outlet. Size: 434 x 434 x 3". Shpg. wt., 634 lbs. 11 R 89547 Net 29.95

TRIPP LITE 350 WATT TRANSISTORIZED INVERTER

 Use It In Your Car, Boat, Trailer, Plane

Model PV-350. Converts 12-Volt D.C. current into 115-Volt A.C. Enables you to operate your house appliances and tools in your car, traller, boat, plane, etc. Dellvers 350 watts continuously, 385 intermittently. B power transistor circultry for power boost. Advanced design has no moving parts to wear out. Inverter puts less strain on your battery, allowing your tool or appliance to do a quicker, better job. Mounts easily on any flat surface. Size: 342H x 642W x 9°D.

Shpg. wt., 10 lbs. 11 R 89570W No Money Down\*

Net 69.95

371

#### TRIPP LITE ALL SOLID STATE POWERVERTERS



Combination Power Inverters and Battery Chargers

51/4". Sheg. wt., 71/4 lbs. 11 R 89513 No Money Down\*

MODEL PV-500-8—500 WATT INVERTER, 10 AMP BATTERY CHARGER, Rugged, heavy-duty inverter with 500 watt continuous output, 550 watt intermittent. 10 power transistors; hash-free TV, AM-FM (eception. Battery charger rated at 10 amp, polarity protection in case of incorrect hook-up. Pilot light warns against overloading. Built-in rack handles. Size: 544, x 9/4 x 97.

11 R 89562 No Money Down\* ....Shpg. wt., 1934 lbs. .... Net 109.95

Lafayette Cat. No. 720

### **LAFAYETTE Automotive Test Equipment**

61/4" DWELL TACHOMETER

- Tunes up Electronically. Any Car Ever Made
- Three Dwell Scales
- ow And High Range Tachometer Scales
- · Giant 61/2" Easy-to-Read Scale

Made in U.S.A.

A complete ready-to-use Dwell Meter and Tachometer which will operate on any car ever made. Tests cam Dwell angle and engine RPM on 4, 6 or 8 cylinder cars, 6 or 12 volt right on the engine. Glant 6½ easy-to-read meter makes it simple for anyone to adjust points and carburetors to insure maximum gas economy and quiet engine running. RPM readings are also essential to properly service automatic transmissions. Three dwell angle scales are provided: 0 to 45 degrees, 0-60 degrees, and 0 to 90 degrees. This instrument is suitable for dwell angle adjustment on all foreign and domestic cars. Dual range tachometer 0 to 1000 rpm for precise carburetor adjustments. 0 to 5000 rpm, suitable for making all other tests at high engine speeds. Complete with instruction manual. Shpg. wt., 3½ bs. 342 lbs.

11 R 01013W

31/2" DWELL TACHOMETER



- Tune Up Electronically Any Car Ever Made
- 31/2" Double Jeweled D'Arsonval Meter
- For 4, 6 or 8 Cylinder Engines
- For 6 or 12 Volt Systems
- Point Resistance Check

Made in U.S.A.

Electronically tune your car! This Dwell-Tachometer permits setting the carburetor for maximum efficiency, gas economy and greater power; indicates the correct point gap setting electrically (even if the points are pitted or corroded); permits setting points with the distributor cap off and engine cranking, and permits setting points on "Window" distributors with engine running. It also locates defective spark plugs; permits correct engine RPM setting for automatic transmission adjustments, throttle linkage and idle adjustment. RPM scale: 0-3000; 8-cylinder dwell: 5-45°; 6 cylinder dwell: 20°-60°. 4 cylinder reading obtained by doubling 8 cylinder dwell: 20°-60°. 4 cylinder reading obtained by doubling 8 cylinder scale reading. Two-color scales Small and compact—measures only 61/4x3/4x2". Complete with instruction manual Shpg. wt., 1¼ bs. Net 16.95

#### DELUXE AC OR DC-POWER TIMING LIGHTS



DC WIRED

DC KIT

AC WIRED

AC KIT

Ultra-Brite Zenon Strobe Tube

#### DC POWER TIMING LIGHT

Chrome finished DC-power timing light. The ultimate in a mechanics light. Ultra-brilliant blue white zenon strobe tube gives bright light for day or night use. Rugged case; designed for operator to reach inaccessible timing marks. Simple replacement of zenon bulb. For 6 and 12 volt battery. On/Off Switch, Shpg. wt., 134 lbs. 11 R 42405 Net 22.95

Same as above in kit form

PROFESSIONAL D.C. POWER TIMING LIGHT

Net 16.95

· Available in Wired or Kit Form

#### AC POWER TIMING LIGHT

Deluxe 110 volt AC power timing light. Uses Deluxe 110 volt AC power timing light. Uses ultra-brillant white zenon strobe tube. For day or night use. Plugs into any 110 volt AC line, insures maximum light regardless of condition of vehicles battery. Rugged black case with power cord and On/Off switch, Shog. wt., 1½ bs.

11 R 42397 Same as above in kit form

Net 12 95 Net 10 95

#### Rugged Chrome Die-Cast

Metal Case Super Brilliant Blue-White Xenon Tube

A professional tool in every respect. Gives ample flash intensity to overcome any sur-rounding light conditions. Connects directly to the car battery with shock-mounted in-ternal components to take constant use withternal components to take constant use without damage. Features: trigger actuated for 
longer bulb life, prefocused, unbreakable 
lens, burn-out proof and shock protected, 
heavy-duty clips electronically bonded to 
leads, grease and oil resistant leads, FlexGuard strain-relief bushing at base of handle, Operates on 6 & 12 volt batteries to 
service domestic and foreign cars, universal 
spark plug adapter. Tests: Engine timing/ Vacuum adavance/Mechanical advance/High-tension circuits. 11 R 43502 Shpg. wt., 3½ lbs. Net 26.95

#### TIMING LIGHT WITH REMOTE STARTER



Deluxe neon prefocusing light. Cranks engine from the outside—checks points, bearings, and tappets. The remote starter is also useful in testing the fuel pump, generator, compression and electrical system. For 6, 12 or 24 volt systems. Shgs. wt., 1¼ lbs. 11 R 42082 Net 5.95

#### **DELUXE SOLID-STATE ENGINE ANALYZER**

For All Electrical Systems 6, 12, 24 or 32 Volt—Regular, Transistorized or Magneto Ignition, 8, 6 or 4 Cylinder 4 or 2 Cycle Engines.

ONLY

No Money Down\*

 Large 6" D'Arsonval Double Jeweled Meter

Do-It-Yourself Instruction Book



**Solid-State Engine Analyzer Will Test:** 

**Dwell or Cam Angle** Measure Engine Speed **Adjust Carburetors Adjust Points Check Condensers** Check Coll Resistance Measure Carbon Suppressor Spark Plug Cables **Check Batteries** Test Alternators, Generators & Regulators Check Shorts & Opens In Wiring Checks All Lamps, Fuses, Relays & Switches **Check Alternator Diodes** 

Performs "FIFTEEN" authoritative tests under actual operating conditions; Tests output voltages in three separate ranges; 0.3.2, 0.16, 0.32 VDC. Determines the condition of batteries, battery cables, spark plug wires, coil wire, solenoids and starter motors. Permits precise setting of distributor points (cam-dwell angle) and test centrifugal advance mechanism on three scales; 0.45° for 8-cylinder, 0.60° for 6-cylinder, and 0.90° for 4 cylinder, RPM scales allow precise setting of carburetor air/fuel mixture and engine RPM in four separate scales; 8 or 6-cylinder (low) 0.1,200, (high) 0.6000; 4-cylinder (low) 0.2400, (high) 0.12,000. Measures amps from -5 to +90. Resistance scale from 0.100,000 ohns. Operates on single "b" cell battery. Complete simple operating instructions. Detailed information supplied by make and model. Rugged steel case finished in baked enamel. Rear storage compartment holds 5½° leads, clamps, plug jacks and connectors. Size; 12 x 6½° x 6°. Shog, wt., 7¾ lbs. Shpg. wt., 73/4 lbs.

Net 49,95

99 R 63661 Battery For Above

Net

SOLID-STATE ENGINE ANALYZER Only 3995

· Large 6" D'Arsonval Double Jeweled Meter

 Tunes Up Electronically, Any Car Made

For diagnosis & repair of electrical systems & carburetion in modern automatic engines. Analyzer will test: Dwell or cam angle, & Engine speed, Alds in adjusting carburetors, points, condensers. Ranges: Tach., Features; High and Low scales. 8 cyl., 0-1200 RPM, 0-4500 RPM, 0-6900 RP For diagnosis & repair of electrical systems & carburetion in modern

99 R 63703 Battery for Above

Net .15

**DUAL-RANGE** TACH-DWELL **POINTS TESTER** 

· Large 6" D'Arsonval **Double Jeweled Meter** 

 Electronically Tune Any Car

Hand-held mechanics quality Dual Range Tach/Dwell for 4, 6, or 8 cyl. engines. 6 or 12 Volt Ignition systems. With high & low Tach scales: 0-1200 RPM, 0-6000 RPM. Used to adjust idle, eliminate creeping, or stalling, spot, weak plugs, cylinders, valves. & distributor advance. Dwell Meter: has 0-45°, & 0-60° range. Giant 6° Vista-Dial scale permits accurate setting + or —1°, Point resistance, calibrated to indicate if new points required, correct hard starting, improve high sistance, calibrated to indicate it new purity required, correct hard starting, improve high speed operation. Features: Simple hook-up color-coded stales for easy reading, with complete instructions. Shpg. wt., 3 lbs. 11 R 43510 Net 24.95



**AUTOMATIC TACH-N-DWELL** 



· Dual Meter Lets You Read Engine Speed & Dwell Angle Simultaneously

Now! In seconds detect problems in the primary ignition circuit that cause slow starting, rough idling, excessive gasoline consumption, poor acceleration and sluggish high speed passing. Makes simultaneous tests of dwell and RPM; lets you perform proressional electronic tune-ups on both 2 and 4 cycle engines, Operates on 6, 12 or 24 volt systems, Front panel features two (one for Dwell; one for RPM) large 4½" double jeweled D'arsonval meters with color-coded meter faces for easy, accurate readings— three tach ranges, plus three dwell ranges provide all the necessary ranges for virtually every engine. Self-contained solid-state circuitry eliminates adjustment and burn-out, Complete with carrying handle, color-coded test leads. Housed in sturdy steel cabinet with baked enamel finish, Size: 12¾ x6¼xx4¾. 11 R 24510 Shpg. wt., 644 lbs. Net 29.95

For All Electrical Systems 6, 12, 24 or 32 Volt —Regular, Transistorized or Magneto Ignition, 8, 6 or 4 Cylinder 4 or 2 Cycle Engines.

### **AUTO GAUGES AND TEST EQUIPMENT**

DELUXE 31/4" GAUGE AMMETER -WATER-OIL PRESSURE

· All Flectric-No Tubing

End guess work and space problems with this beautiful three-in-one gauge, Illuminated dial face gives accurate indi-vidual readings of oil pressure.

vidual readings of oil pressure, amperage, and water temperature. Amp. gauge reads —60 to +60, oil pressure registers 0 to 80 lbs., and water temperature is indicated from 100° to 220°. Fits all 12 volt negative or positive ground alternator or generator electrical systems. Handy 360° universal mount and durable chrome zinc die cast case. Supplied with wire, adjustable mounting ring, and senders.

11 R 42033 Shog. wt., 2½ lbs. Net 19.95
01L AND AMMETER GAUGE—Similar to above, less water temp, gauge.

11 R 42041 Shog. wt., 2½ lbs. Net 16.95

GAS SAVER VACIUM GAUGE

Only

- **Automatically Shows** Miles Per Gallon
- Chrome Die Cast Case

DELUXE 31/4" TWIN VACUUM GAUGE. Automatically shows miles per gallon. Saves up to 40% of your gasoline dollars by showing you how to drive for the best economy or power. Checks your engine constantly by measuring its manifold pressure on a clear, four color illuminated dial. With 360° universal mounting, zinc die cast case, T-connector, 6 ft, vacuum tubing, steering column mount ring and instructions. Fits any car.

11 R 42058 Shog, wt., 134 lbs.



0-1600 and 0-8000 R.P.M. 0-60° Dwell, 0-16 Volts

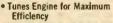
Positive or Negative Ground. 4-6-8- Cyl., 6 or 12 Volt Systems

#### **Uni-Tach Dual Purpose Tachometer**

· Can be Dash Mounted or Used as a Tune-up Tester Use it as a mounted instrument on your dash or console, or as an engine tune-up tester. As an engine monitor, the tach gives you instant readings, critical for top performance. As a tune-up tester, instant readings, critical for top performance. As a tune-up tester, the tach gives you the necessary instrumentation to do your own money saving tune-ups. Jeweled D'Arsonval movement provides pin-point accuracy. Comes with all accessories including cable, hardware, test leads, operating instructions, and Tune-Up Guide and Test Log. Easy to install—only three simple connections to make. No tools required. Shock mounting for in-ca use. Black dial face has white numerals and red pointer. Size: 6¼:3½x2". Shpg. wt., 3 lbs. 11 R 66511 No Money Down° Net 32.95

#### TUNE UP KIT





For Accurate Ignition Timing Of Any Engine

Tune up the important systems of your car, truck or marine engine. Kit includes compression tester, vacuum fuel pump tester and timing light with remote starter switch. Compression tester locates valve, ring, piston and cylinder troubles. Big 24% dial is calibrated 0.300 lbs. pressure. Vacuum and fuel pump tester checks pressure and suction of fuel pump and vacuum system. 24% dial calibrated in 0.30 inches and 0.3 lbs. Comes with rubber tubing for easy connection. Prefocused timing light features remote starting switch. For 6, 12 or 24 volt systems.

systems. 11 R 42090 Shpg. wt., 21/2 lbs.



#### PRECISION IGNITION POINT SETTING TOOL KIT

Set points without finding high spot on cam or removing distributor. Even does dual points in one operation, includes 5-micro-precision rings with feeler gauges, adapters, and tool for hex-wrench GM points. List of popular cars displayed inside cover of box. Shpg. wt., 34 lbs. Net 5.50

#### SPARK PLUG AND 6 AND 12 VOLT TESTER



 With Retractable Test Probe Needle And Alligator Clip For testing 6 and 12 volt wiring systems on cars boats, trallers, or any low volt system. Test spark plugs, check fuses, find faulty sockets, shorts, broken wires. Quick easy visual test. Neon flash tells the story. Shpg. wt., 4 oz. 11 R 31515

Net 1.69



(A) COMPRESSION TESTER shows worn or defective rings, pistons and cylinders. Easy-to-read 2½" dial, calibrated from 0-300 lbs. Has offset stem and rubber nose cone to fit

all spark plug holes. 11 R 42074 Shpg. wt., 10 oz. .. Net 3.19

(B) VACUUM and FUEL PUMP TESTER indicates worn or faulty parts in fuel pump or vacuum system. Easy to read 2½" dial matches dial on compression tester, cali-brated from 0-30 inches vacuum and 0-7 ibs. for pressure. Aids in setting timing, adjust-ing carburetor or tuning motor.

11 R 42066 Shpg. wt., 10 oz. ...

(C) PISTOL-GRIP TIMING LIGHT gives brilliant light for precision setting of ignition timing. Neon light for 6, 12 and 24 Volt system. 11 R 43528 Shpg. wt., 12 oz. Net 3.29

(D) REMOTE STARTER SWITCH permits operation of starter and turning over of engine from outside of car when adjusting points, valves, testing compression, etc. 11 R 17027 Shpg. wt, 6 oz .... Net 2.49

#### COMBINATION SPARK PLUG AND IGNITION GAUGE



• Gap Points & Spark Plugs with One Tool. Handy combination of wire and narrow blade mandy combination of wire and narrow blade sizes to check majority of all required Ignition gap tolerances. Fifteen 134x14" blades, thickness: .012, .013, .014, .015, .016, .017, .018, .019, .020, .022, .024, .025, .028, .030, .032, .Eight wire gauges: .022, .025, .028, .030, .032, .035, .038, and .040. One Tungsten File 14 R 52077 Shpg. wt., 8 oz. .... Net 2,39

### "CUSTOM RALLY STYLED" Auto Gauges

31/4" 270 "WIDE-SWEEP" TRANSISTORIZED TACH

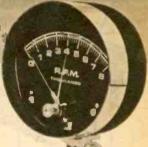


Precision 0-10,000 RPM Scale

. For 4, 6, or 8 Cylinder

Our finest tachometer features a wide sweep 344" liluminated black and white scale, precision D'Arsonval movement calibrated to 2% accuracy. A shift set needle with 270° swing. Equal divisions between graduated markings for pin-point accuracy over the entire range, This handsomety styled instrument is virtually unaffected by wibration. Has deluxe 345" deep heavy chromet and black housing and 360° universal mounting for dash, console, or steering column mounting. For transistor or regular ignition systems at 6 or 12 volt positive or mogative ground and zero adjust. Shop, wt. 1½ lbs.

31/4" SLIMLINE TRANSISTORIZED TACHOMETER



Shift Set Needle

0-8,000 RPM

For 4, 6, or 8 Cylinder

• FOr 4, b, or 8 Cylinder

An attractive 31/4" illuminated black and white face tachometer
with precision 0-8,000 RPM scale, 200 RPM divisions, and adjustable shift indicator. Factory calibrated transistorized circuitry with
precision D'Arsonvai meter assures steady, accurate readings
throughout the entire range. Can be used with transistor ignition
systems. Has 360" universal mount 11/4" depth slim line case with
hooded bezel for easy dash mounting on compacts or on steering
wheel column. Complete with installation kit. Heavy chrome and
black wrinkle construction. For 6 and 12 V positive or negative ground 11 R 42496 Shog, wt., 11/2 lbs. .... Net 16.95

DELUXE 270° OIL PRESSURE GAUGE/AMMETER



DELUXE 270° OIL /WATER GAUGES/AMMETER

Net 29,95



· Gauges Tilt In Any Direction

Internal Lighting-Lights The Gauges

 Separate Black and Walnut Panel Inlays Supplied

Attractive two in one oil-ampere gauge console. Large, Illuminated 2" dials tilt in any direction. 270° full swing oil pressure gauge with precision geared brass bourdon tube movement detects trouble before it occurs ... not after. Reads pressure accurately 0-80 lbs. psi, Sender units has a universal ½ PT connector. Ammeter gives accurate current readings for all generator or alternator equipped cars. Shows rate of charge or discharge from 60-0-60 amperes. Shog. wt., 2 lbs. 11 R 42439

Net 9.95

Custom panel of three illuminated 2" gauges that tilt in any direction, 270° full swing oil pressure gauge with precision geared brass bourdon tube movement reads accurately from 0-80 bs. psi, Ammeter gives accurate charging rate of both generator and alternator systems from 60-0-60 amps. 270° full swing mechanical water temperature gauge also features a precision geared brass bourdon tube movement. Reads 100°. brass bourdon tube movement. Reads 100°-225° F. Complete with 72" capillary tube

and adapter. Shpg. wt., 2¾ ibs. Net 17.95 LECTRA-SCOPE ENGINE ANALYZER



Shows what's going on in any 6 or 8 cylinder engine. Individual lights for each plug ... glows with each spark. Steady glow all o.k.; weak filckering light shows dirty contacts, wasted gas; bright light shows heavy engine load, dragging brakes. Installation instructions, Shpg. wt., 1 ib.
11 R 76502 8 Cylinders ... Net 5.95

**DELUXE AIRWAY** UNIVERSAL COMPASS

Plate for Windshield Mounting



· Complete with Adhesive

Precision instrument features fingertip regulators with 8 gears and special magnets to provide added accuracy and quick compensation.
Design allows up to 30° tilk. Calibrated in 5 degree intervals. Universal bracket mounts in any position on all craft and vehicles. Rigid crystal clear plastic with gleaming chrome and black finish, itiuminated. Shpg. wt., 12 oz.

11 R 65059 Net 4.95

**AUTO/MARINE** BATTERY CLOCK

• Attractive Case-Chrome Bezel-Sweep Second Hand



OPERATES UP TO 1 YEAR ON SINGLE "C" CELL

A smartly designed and ruggedly constructed battery-operated clock A smartly designed and ruggedly constructed battery-operated clock designed for use in the car and cabin cruiser. Use it as a desk clock or take it with you on trips. Chrome bezel, with bright easy-to-read white face, has black markings and features a second pacing sweep hand. Employs a unique fiber mesh fastening arrangement on its base. Can be positioned on any metal, wood, plastic surface, including padded dashboards and yet is readily removable. Light in weight, only 13 ounces, this attractively styled conversation piece is mounted in a sturdy 3½ x 3½ x 2½" gray plastic case. Wt., 1 lb. 11 R 17506 99 R \$2572 Battery for above

### **Electronic Ignition Systems For Your Car**



**DELTA MARK 10 CAPACITIVE DISCHARGE IGNITION SYSTEMS** 

 Extremely Low Input Power -Less Load On The Engine

MARK 10 WIRED Combines all the advantages of capacitive discharge with those of solid state circuitry. Eliminates point bounce problems and positively fitres plugs regardless of point condition. Fast rise time spark prevents fouring from three to ten times. Point contacts tast indefinitely. Eliminates mis-firing, reduces oil contaminants, prolongs engine life, Provides smoother and more efficient operation at all speeds; constant spark up to 10,000 RPM, with dramatically improved acceleration and economy. Provides faster, easier starting in all weather. Unit operates with all commercial and original tachometers. Installs immediately with two simple connections to the existing coil, leaving the standard system intact. No temperature limitations—mounts anywhere. Requires only a very small amount of input power—reduces load on engine and electrical load. For 12 volt negative ground system only. Shpg. wt., 2½ lbs.

11 R 84506 No Money Down\*

Net 29.95

MARK 10 KIT. Same as above in Kit form.

11 R 84514 Shpg. wt., 2½ lbs.

Net 29.95 MARK 10 WIRED Combines all the advantages of capacitive discharge

#### MARK 10 B CAPACITIVE DISCHARGE IGNITION SYSTEMS

NEW

With VARI SPARK® Circuitry

- · Handy Switch For Instant Return To Standard Ignition
- Restores Power Lost By Smog Control Devices

Offers every benefit of the Mark 10 system, plus more power and more features. The Vari Spark® circuitry controls the spark duration as well as the spark intensity over all ranges of operation. Specifically for modern day engines with emission control devices ally for modern day engines with emission control devices. . . helps overcome operational problems caused by poor manifolding, leaner mixtures, and variations in gasoline. Rough idling, surging, slow starting, hesitation during acceleration, and extremely poor mitigage are now dealt with effectively and efficiently. Handy switch for instant comparison with standard ignition, Rugged housing with neoprene seals affords dust and molsture protection. For any 12 volt negative ground system, installs immediately with two simple connections to the existing coil, leaving the standard system intact. 11 R 84522 Shpg. wt., 3 lbs. No Money Down\* ... Net 49.95



### **ELECTRONIC MAGNETO** IGNITION SYSTEM

- · Quick, Easy Installation
- Silicon Components
- Reduces Fuel Consumption

Positively improves performance! Like a mechanical magneto used on racing cars, the electronic magneto provides a minimum of 30,000 volts with the fastest rise time of any system available. Like having a permanent tune-up; doubles plug and point life, gives 2 to 6 miles more per gallon, allows instant starts in sub-zero weather. ... even with heavy carbon deposits and fouled plugs, helps your engine to develop its highest potential horsepower under any conditions. Operates on 6 or 12 volt systems; single or dual point. Will not interfere with operation of radio, electronic or ignition test equipment. Uses siliton components ... is fully protected by zener diodes. Completely sealed against water and corrosion. Simple installation by transferring wires from present coil to the magneto and connecting an additional wire to ground and you're ready to go! Size: 7½x3½." Shgg. wt., 4¼ lbs.

11 R 35508 No Money Down\*

#### MOTOROLA CAPACITOR DISCHARGE IGNITION SYSTEM



No Money Down\*

 With Silicon Controlled Rectifier • Extends Point And Plug Life Quick Easy Installation

A complete ignition modernizing kit giving A complete Ignition modernizing kit giving your car the added efficiency and economy of electronic switching, Operates by a simple connection to the existing coil and distributor breaker point. For any number of cylinders. The "CDI 12" features a capacitor discharge current and higher constant voltages for maximum combustion and improved miles per gailon. The heavy-duty mounting unit is enoyy coated for moisture and dustri unit is epoxy coated for moisture and dust proofing. Fully suppressed for excellent

radio reception. Installation is simplified by damage proof circuit protected from reverse polarity or open secondary leads. Shorter, more powerful sparks at plugs increase com bustion, reduce plug wear, increase engine life many times. Overall increase in performance, acceleration and gas mileage, Designed for cars with 12-volt negative ground systems. Shpg. wt., 33/4 lbs. 11 R 75066 Net 59.95

#### **ELECTRONIC IGNITION SYSTEM**

Quick Easy Installation

■ Improves Performance and Gas Mileage

Install a Judson SEE/DEE Electronic Ignition System on your car. It provides the dependability and performance required for the modern high speed engine. The current for the See/Dee system is completely controlled by a zener diode. It provides for a better and smoother running engine plus faster starting. In addition point and plug life are extended and there is a reduction of ignition failure and tune-up requirements. Good for a 6 or 12-voit battery and single or dual point negative ground systems. Shpg. wt., 1 lb.

11 R 35516

Net 19.95

See Page 22 for Full Credit Details on Easy Pay Plan

### "DO-IT-YOURSELF" Auto Accessories

#### REAR WINDOW DEFROSTER/DEFOGGER KIT

· Enjoy The Convenience and Safety of Clear Rear Vision



Adjustable Louvers Direct Air Where Needed

Eliminates the hazardous driving conditions caused by Steam, Fog. Frost on rear windows. Air drawn from interior of car blankets rear window. Removes condensation and frost, Prevents accumulation of window. Removes condensation and frost. Prevents accumulation of snow while car is in motion. Unit is easily installed in trunk; does not interfere with spare tire or luggage space. Adjustable louvers to direct flow of air are recessed; will not interfere with vision or rear deck space. Dash switch controls defroster operation. Kit includes heavy duty motor, defroster hoses, adjustable louvers, switch, wiring, templates, and installation instructions. Fits all cars, (except station wagons, convertibles, and rear engine cars) for 12 volt electrical system. Shgs. wt., 5¼ lbs.

11 R 12007

### **ELECTRONIC SPEED CONTROL**

FASY TO INSTALL





95 Maintains Any Selected Highway Speed

- Does Not Affect Braking or Instant Pick-up
- Helps Adhere To Posted Speed Limits

Sets Fast Idle for Quick Cold-Weather Warm-up

An Electronic Cruise Control which enables you to drive at a constant An Electronic Cruise Control which enables you to drive at a constant speed over relatively level surface by automatically holding the throttle steady. Eliminates the need to keep a foot glued on accelerator on long trips. Once you reach desired speed, simply pull out knob and the Speed Control will automatically hold that speed. Allows instant acceleration for passing but takes over again when the foot is taken off the gas pedal. Ceases to function the moment 

#### **REAR DECK AUTO FAN**

. Defogs Rear Windows For Better Vision and Safer Driving

Keeps your rear window clear. Does not obstruct vision. Completely enclosed motor and fan for added safety. With universal mounting bracket for mounting on dash or rear deck shelf. Has variable height adjustment. With on-off switch, necessary hardware, 15 feet of wire, and instructions. For 12 voit cars.

11 R 51505 Shpg. wt., 1 lb. .. Net 5.95



#### SEQUENTIAL SIGNAL FLASHER

For 3-Bulb Tall light



 Convert Your Turn Signals To A Moving Line of Light

Convert your car's three lamp rear turn signals so that they flash on in sequence, creating the effect of a moving line of light pointing the way you intend to turn. Rugged and reliable both right and left signal circuits are complete in one compact unit. A safety innovation. Easy-to-install . . . all wiring done at signal lamps. Shpg.

wt., 1/4 lb. For 12 volt negative ground only.
11 R 34519 For 3-Bulb Taillight

Net 13.95

### 4 ETF - BM 7 75 B Lyn

#### LITE BUZZER

- · Reminds You To Turn Off Your Lights When You Park Your Car
- Saves Battery and Service Charges

Sounds off with an audible noise when you flurn off your ignition without turning out your lights. Saves your battery, service charge. Easy to install. Mounts under dash. Shpg. wt., 5 oz. 11 R 50010 Net 2.95

PRE-CUT SPARK PLUG



Type Molded Boots



Pre-cut universal spark plug wire set with molded angle boots at one end and molded straight boots at the other end. Features full precut wire lengths. Simply clip off the unneeded boot to make a custom spark plug wire set. Radiation suppression type with Hypaion sheathing. Complete kit includes all the necessary parts for 6 and 8 cylinder applications. Shpg. wt., 11/2 lbs.

#### MOTOROLA

**ELECTRONIC ALTERNATOR SYSTEMS** WITH TRANSISTORIZED VOLTAGE REGULATOR

No Money Down\*

Equipment

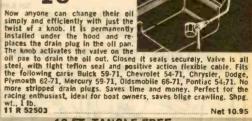
· For Automotive, Truck Industrial and Farm

Low cost solution to the heavy demands made on your car or truck's electrical system. Unlike D.C. generators, it supplies a charge at idle speeds and keeps the battery at a uniform high level of charge. The all-transistor voltage regulator has no contact points or mechanical relays. Fits nearly all cars and trucks and is less than half the size and weight of a similar capacity D.C. generator. Shpg. wt., 134 lbs. 11 R 75033 55-Amp

QWIK CHANGE OIL DRAIN KIT

. Change Your Own Oil Quickly With Just a Twist of a Knob

95



377

#### 12 FT. TANGLE-FREE BATTERY BOOSTER CABLE

New Tangle-free Cable twins with 100% Copper Conductor. Special Duplex Cable Construction. With one side color striped for quick polarity iden-tification. Made with heavy-duty, flexible rubber-covered cable. Standard equipment for 



### **Automotive Theft Protection Devices**



· Loud, Police-type Siren Protect's All Doors, Trunk and Hood

• Complete—Easy To Install

· Pick-Proof On-Off Key Lock Mounts on Outside of Auto

Get 24-hour protection on your car, station wagon or truck with this complete burglar alarm system. The sharp penetration sound of the police-type siren will scare thieves away. The siren blasts off when anyone opens a door, the hood or trunk. The alarm can be shut off only with the alarm key. Complete system includes deluxe highly polished spun-aluminum siren with trumpet, 4 door switches, hood switch, trunk switch, 2 brackets, electrical lock with 2 keys, wire, mounting hardware, instructions and 2 warning decals. For 12-volt ears only.

cars only.

11 R 62015 Shog. wt., 634 lbs.

Net 27.88

This item not intended for resale in States where its use is forbidden in motor vehicles by public regulation,

**AUTO BURGLAR ALARM** 





Loud Siren Gives Protection To Doors, Trunks, and Hood

 Pick-Proof Key Lock Mounts on **Outside of Auto** 

A penetrating police siren and trumpet constructed of spun aluminum for foud piercing sound. System helps prevent break-in pilferage, damage, and inconvenience. Activator swiftches protect all access openings including trunk and hood. Siren blasts foud and clear and remains on until manually reset by pick-proof lock switch. Great for cars, wagons, trailers, trucks, and vans. Supplied with relay, six alarm activator switches, wire, terminals, screws, and pick-proof key lock with two keys. Shpg. wt., 5% lbs.

Net 19.95. 11 R 62064

This item not intended for resale in States where its use is for-bidden in motor vehicles by public regulation.

#### ON-GUARD HORN BURGLAR ALARM



- · Protection For All Doors, Trunk, and Hood
- Pick-Proof ON/OFF Key Lock Mounts on Outside of Auto

Protect your car, wagon, truck 24 hours a day. Easy to install auto alarm system activates when anyone opens a door, the trunk, or hood. When an entry point is opened a shrill sound of the vehicle horn will be heard. The alarm will not be silenced by closing the point of entry. Can be shut off only with the alarm key. System includes six alarm activator switches, lock, 2 keys, 2 relay switch unit, wire, mounting hardware, and simple instructions. Shpg. wt., 2 lbs.

11 R 62023

Net 6 88 PULSATING HORN BURGLAR ALARM

Similar to above except when an entry point is opened, a "Vibrat-ing Shrili Beeping" pulsating sound of the vehicle horn will be heard. 11 R 62031 Shpg. wt., 2 lbs. Net 9,88

#### SECRET AUTO-IGNITION GUARD



Stops Car Theft

Only You Can Start Your Car

• Fits Every 6 and 12 Volt Car and Truck

with just a turn of a knob, the auto ignition guard will stop any car thief. Even master start it. Hooks up in minutes; fits 6 and 12 voit cars and trucks.

11 R 13117

Low

As

99

749



#### **ELECTRONIC AUTO** BURGLAR ALARM

095

· Simple, Easy To Install

Protect your automobile or boat from intruders. Just opening a door, trunk, or hood will set off this sensitive system. Turning on head-lights, ignition or any electrical accessory will also activate your car horn for an unmistakable warning. Cannot be shut off by closing door, hood, ignition, etc. Car engine can not be started until control until is switched off, Only you know where the hidden switch is. Trunk and hood are automatically protected if they have a built-in light or the accessory light listed below can be installed. Connects simply to horn relay and battery with only two wires.

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Car anti-theft device that makes your car theft-proof in seconds! Requires no wiring or special fittings. Fully adjustable steel rod with an individualized key lock attaches to the steering wheel and brake pedal making it impossible to drive your car away,
360 degree swivel top permits universal
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#### MUSTANG HORN

Whinnies like a Wild Mustane

You've seen a mustang—now hear a mustang! Compact size horn "whinnles like a wild mustang" when you press the horn button in the car. Adds a new dimension of life to your Mustang or other make

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11 R 44526 For 12 Volt

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With European Sound

Swing with the sounds of the continent! Twin continental electric horn

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Only

95

Go mod! Newest sound sensation! Dis-Go mod Newest sound sensation! Distinctive BEEP-BEEP sound awakens the daydreamer, gets immediate attention from the slow pokes . . . just two quick taps on the horn and you're way out. Powerful 4" x 5½" x 6½"H horn is easily installed in any car. Complete with mounting hardware and horn but ton control, Finished in 2-tone black and red ename! For 12 V. 11 R 44534 Shpg. wt., 21/4 lbs. Net 6.95



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hardware. For 12 votes only.

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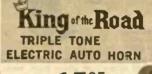
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 Plugs Into Cigarette Lighter Outlet

Rotates Like a Lighthouse

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11 R 14503 Net 3.85 Net 3.85

11 R 14503 Batteries for above.

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- . All Chrome Die Cast Metal Housing

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As Low As

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Easy to Use



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 Shutter Design Protects Lens

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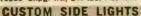
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- All Chrome, Zinc Cast Housing

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Two For



Custom side marker lights that keep pace with new automotive safety code. Button style design will enhance your cars appearance by day, prevent accidents by night . . . your cars visibility improves attracting attention of drivers coming from either side. Easy to mount and install into car's electrical system. . . . Complete with hardware and instructions.

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Plugs into Cigarette Lighter

Quickly melt away mist, ice, and snow, You no longer have to wait for car to warm up before cleaning windshield—just plug it into your clearette lighter, and start defrosting immediately. Complete with 12 foot cable for reaching

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Net 3 49

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- IN RAIN
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- IN SNOW



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Plugs Into Cigarette Lighter Socket

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### **Chambron**

### Motor Control **Fransmitter** Receiver

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No Money Down\*

• 1/4 HP Motor-For Doors Up To 16 Ft.

• 1/4 HP Motor-For Doors Up To 16 Ft. Solid-state garage door opener. No need to get in and out of car in bad weather. Eliminate the physical strain of manual opening and closing. Easily and quickly installed on existing door. Adapts to single or double; sectional or 1-piece; wood, metal, or fiberglass door. Up to 175 lbs. of pulling force; enough to handle most garage doors. Needs only 1½" Headroom between door and celling. Garage light is turned on when door is opened; remains on two minutes after door is closed for you to leave garage in safety. Wall mounted receiver with pushbutton for Instant stopping, opening or closing door from the inside. Door automatically stops when it hits an object. Streamlined motor housing provides protection against dust and moisture. For 117 VAC, 60 Hz. UL listed. Shpg. wt. 55 lbs.

13 R 82175WX See Listing of Accessories Below

### Liftmaster Garage Door Openers



No Need To Get Out Of Car **Door Opens Automatically** 

- With Exclusive "Velvet Glide"
- · Gear-Head Chain Drive
- Opens—Closes—Securely Locks Garage Door
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#### DELUXE HEAVY DUTY GARAGE DOOR OPENER

• 1/3 HP Motor-For Doors Up To 22 Ft

• 1/3 HP Motor—For Doors Up To 22 Ft. Deluxe garage door operating system. Easly handles any residential, track guided garage door; metal, fiberglas or wood doors up to 22 ft. wide and 8 ft. high, Only your tone coded transmitter can open the door. Gearhead chain drive motor exerts 200 lbs. of push-pull force. Needs only 1½" of headroom space between high arc of door and ceiling. Fully automatic. Built-in light goes on as soon as door starts to open and stays on for approximately two minutes after door closes. If door hits obstruction, it stops automatically. Safety clutch prevents damage. When started again, it will reverse itself, Transmitter can be carried in pocket, kept in glove compartment, clipped to sun visor or mounted under dash. Motor operates on 117 VAC, 60 Hz. Ut. listed. Shpg. wt., 65 lbs.

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System consists of two units, a transistor-ized radio Tone Coded Transmitter and re-ceiver. Operates any electrically controlled door opener up to 100 feet away. Tone mod-ulation circuitry gives you complete secur-

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RADAR ALERT Warns of Traffic Zones!

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Complete With Long Life Mercury Batteries

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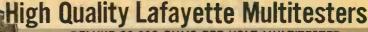
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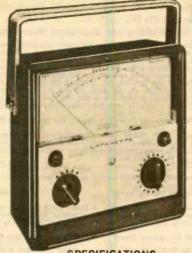
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Hand-held, battery operated volt-ohm-milli-ammeter featuring field-effect transistorized circuitry. 10 megohm input resistance on all DC voltage ranges. High Sensitivity (300 mw fs) allows transistor blas measurements. Features provisions for attaching clamp on AC ammeter adapter (see below). Accuracy of ±3% on DC and ±4% on AC, zero center for null measurements, and a polarity reversing switch. Ranges: DC Volts: 0-3-12-60-300-200-600; AC Volts: 0-3-12-60-300-200-600; AC Volts: 0-3-12-60-300-500; Resistance: 0-5K-500K-50 megohms; DC Current: 0-0-12-1.2 ma. at 300 mv.
38 R 72009 Shpg. wt., 14 oz. Net 78.00

MODEL 10 AMMETER ADAPTER. Clamp on type ammeter, plugs into 310-FET. Jaws clamp around single conductor to measure 0-6-12-30-60-120-300 amp AC. Shpg. vt., 1 ib. 38 R 73072 Net 21.00 MODEL 379—Leather case, Holds 310 and 10, 38 R 73080 Shpg. wt., 12 oz. Net 8.80 MODEL 101 LINE SEPARATOR—Divides two conductor cords, increases sensitivity 10X and 20X. For model 10.

38 R 73098 Shpg. wt., 1/2 lb.

**DELUXE TRIPLETT 601** SOLID STATE F.E.T. VOM

200

With Batteries and Test Probes No Money Down\*



• 14 Ohmmeter Ranges With 7 Low Power Ranges At 75 mV. for Transistorized And IC Circuits

Lightweight, portable, battery-operated solid state volt-ohm-milliameter with pushbutton function switches, and field Effect Transistorized (FET) circuitry providing high Input impedance (11 megohms) on all AC and DC ranges. Low Power Ohms for integrated Circuit (IC) measurements. A total of 52 range selections can be accomplished using only one selector switch. Model 601 has an accuracy of ±2% of full scale on DC and ±3% on AC. Measures electrical parameters such as DC volts: 0-11-31-310-100-300 and 1000; AC Volts: 0-01-031-31-0-110-300 and 1000; AC Volts: 0-010-001-000-100, Net 166.00 38 R 77727

Leather Case for Model 601. 18 R 77719 Shpg. wt., 134 lbs. Net 16.20

## NEW SENCORE PM 157 POWER MONITOR



- It Is A Zero To 1150 Watt Wattmeter
- It Is An AC Line Voltage Monitor
- t is An AC/DC Ammeter
- It Is A Fuse Resistor Checker

One of the most practical service tools devised. Checks AC line voltage, 0-135 volts ±3% under actual operating load. As a watter checks if an instrument is dissipating too much power-AC power scales are 0-115, too much power-AC power scales are 0-11s, 345, 1150 watts, Reads both AC and DC current: 0-1, 3, 10 amps. Checks fuse resistors with special scale for each fuse resistor Determines value of blown out fuse resistor. In-circuit, The PM 157 is protected by a 10 ampere circuit breaker. Size: &Ko5.5". All metal fift handle, includes test leads. Shpg. wt., 5 lbs. 38 R 53330 No Money Down\* Net 69.50

50,000 OHMS-PER-VOLT VOLT-OHM-MILLIAMMETER



- With Batteries and Leads
- · Low Voltage Scale for Transistor Tests
- · All Ranges Burnout-Proof
- 50,000 Ohms Per Volt DC
- · Mirror Scale
- Single Selector Switch
- Pocket Size—Lightweight

Advanced VOM with internal overload pro-tection on all ranges. Eliminates burned-out tection on all ranges. Eliminates burned-out resistors, meter movements, and bent pointers. Mirror scale and single selector switch. Carrying handle tilts at 20° angle for easy scale reading, Ranges. DC Volts: 0.25, 2.5, 10, 50, 250, 1000 (at 25K ohms/volt); 0.15, 1.25, 5, 25, 125, 500 (at 50K ohms/volt); AC Volts: 0-3, 10, 50, 250, 1000 (at 2.5K ohms/volt); 0.15, 5, 25, 125, 500 (at 50K ohms/volt); 0.15, 5, 25, 125, 500 (at 50K ohms/volt); 0.15, 5, 25, 125, 500 (at 50K ohms/volt); 0.15, 50, 500 ma· 0·2.5, 25, 250 ma· 0·5, 0.10 amps: DB: —20 to +B1.5 Resistance: 0.10K, 100K, 1 Meg, 10 Meg. With batteries, leads and instructions. Imported. Shpg. wt., 2 lbs.

2 lbs. 38 R 03004

Net 24.95

## **Quality Tube and Transistor Checkers**

QUALITY LAFAYETTE TUBE AND TRANSISTOR CHECKER



- Easy To Build Step By Step Instructions
- Checks Latest Compactrons, Nuvistors, Novar And 10 Prong Tubes
- · Checks Tubes For Shorts, Leakage, Intermittents, and Quality
- Checks Transistors For AC Current Amplification

Easy, step-by-step wiring and assembly In-structions. Enjoy big dollar savings when you build this fine tube and transistor tester kit. Tube section features testing of compact-Tube section features testing or compact-rons, nuvistors, novars, and 10-pin tubes in addition to 7- and 9-pin miniatures, octals, and loctal types. Short, leakage, and inter-mittant tests available. Quality is indicated directly on an easily read, 3-color meter scale. Each section of multi-purpose tubes is checked separately. Mi-Fi, Magic-Eye, and voltage regulator tubes can also be tested. Obsolescent proof: Unique switching arrangement allows new tubes to be tested as they

become available. In addition, this fine tester also checks translstors: PNP and NPN, high or low power, for AC amplification. Tells immediately whether or not transistor is operable. Portable, rugged tester is ideal for serviceman and hobbyist alike. Enclosed in a high impact bakelite case with carrying stran Sunniad with batteries fill lentrue. strap. Supplied with batteries, full Instruc-tions, and ring bound manual of tube charts. For 110 VAC 60 Hz. Size: 8½ x 7½ x 4". Shg. wt., 5 lbs.

88 R 01123W Net 29.95 As above wired and tested. 36 R 01131W

CONTINUITY TUBE CHECKER

2<sup>95</sup>

Checks CRT's, Loctal, Octal, 9-Pin and 7-Pin Sockets



Small and compact as a cigarette box. Quickly checks filament continuity. Tests filaments or radio, TV picture tubes. Also can be used to test many other electrical devices and line cords, tuses, lamps and bulbs. Has sockets for TV picture tube and loctal, octal, 9-pin, as well as 7-pin sockets. Provided with two test leads. Grey hammertone finish. Size: 4x3x1½: Imported.

99 R 50163 Shpg. wt., 10 oz. Net 2.95

WC-506A TRANSISTOR AND DIODE CHECKER

ONLY '

· Checks NPN And **PNP Types** 

· Large, Easy-To-Read



Compact, battery operated instrument pro-Compact, battery operated instrument providing quick, simple checks of relative gain and leakage levels of out-of-circuit transistors. Panel switch provides for checking high-leakage transistors, with transistor socket, color coded test leads, and a large easy-to-read meter with a single red/green scale. Checks relative front-to-back current ratio of diodes. Powered by two 1.5v batteries (Not included) Size 334x664272 teries. (Not included.) Size: 334x644x2"
38 R 46409 Shpg wt., 144 lbs. Net 18.00
99 R 62580 "AA" Battery Net ea. .10 Net 18.00

#### DELUXE PORTABLE TUBE AND CRT TESTER

Net 39.95

Test All Modern Tubes Including Novars, Nuvistors, Compactrons, and Decals. Test All Picture Tubes; Black and White-and Color

Only

- Tests Each Section of Multi-Section Tubes Individually For Shorts, Leakage and Cathode Emission
- . Tests All Black and White Picture Tubes For Emission, Inter-Element Shorts and Leakage
- Red, Green, and Blue Color Guns Are Tested Individually For Cathode Emission, Leakage, and Shorts
- · Large 41/2" Dual Scale Meter

Versatile, reliable and highly accurate tube checker. Checks more than 2,500 tubes—and will accept new tubes as they become available. Tests Nuvistors; 10 pin types; Magnavols; Compactrons; Decals; and black/white CRT's with deflection angles form 50° to 114° including 110° RCA plus color CRT's. Tests each section of multi-section tubes individually for shorts, leakage and cathode emission. Indicates leakage up to 5 Megohms. Checks color guns (Red, Blue and Green) individually for shorts and leakage between control grid, cathode and heater elements. Front panel has complete set of tube pin straighterers. 4½° dual scale meter features a sealed damping chamber to assure accurate, steady readings. Unit comes complete with instruction book for current receiving and CRT tube listings. Size 14 x 3% x 9°D. For 117 VAC. 60 Hz. Shgg, wt., 7½ bbs. 9"D. For 117 VAC. 60 Hz. Shpg. wt., 742 lbs.



Net 54.95

396 Lafayette Cat. No. 720

38 R 01149W

See Page 22 for Full Credit Details on Easy Pay Plan

## **Tube, Transistor, and IC Testers**

## NEW Sencore TC162 Mighty Mite Tube Tester



9950

Tests Over 3000
 Tubes

 Stethoscope
 Shorts Tests

Shorts Tests

This deluxe solid-state tube tester with FET's gives you reliable and durable service. Push button function switches allow for instant and accurate measurement. Tests virtually every tube type, large or small, domestic and foreign. Checks each section of multi-grid tubes separately. Checks for all shorts, grid emission, leakage and gas. Special Stefinoscope short test for checking each element of the tube. Tests for grid leakage to 100 megohms. New pin elimination switches permit testing more tubes than ever before. Eliminates "normal" shorts caused by internal connections in tubes. Complete portability in a rich vinyl-clad, brushed chrome trimmed case. Power Requirements are 115 volts AC at 32 watts. For 56/60 Hz. Size: 11¾ x 11½ x 11¼". Shg. Mt., 9 lbs. No Money Down.

Net 99.50

#### B&K 466 CRT Tester/Rejuvenator



12995

Rejuvenates CRT's In TV Set • Checks And Repairs Each Color Gun

Indicates picture tube quality. Checks color or black and white CRT's for leakage, shorts, opens, emission, Rejuvenates virtually all CRT's. Exclusive Feature: "Monitored Rejuvenation" — you can watch the emission change as you rejuvenate CRT. Unique "Super-Rejuvenate" function for restoring emission of otherwise worthless CRT's. Operates tubes at correct filament voltage. Handles HI, G2, and Lo G2 tubes. Comes equipped with 3 multisocket adapters for testing all new CRT's including Trinitrons, Measure GI voltage. Color coded G2 controls. Large 44% precision meter with scale coded to front panel controls to prevent errors. Plastic/aluminum type attaché carrying case. Size: 1314 x 9½ x 5¾. For 105-1254 So-60 Hz AC. Shpg. wt., 8 lbs. No Money Down.

Net 129.95

#### B & K 707 Mutual Conductance Tube Tester



20995

 Tests All New And Old Type Tubes
 Virtuall Obsolescent
 Proof

The deluxe "707" measures true dynamic mutual conductance in seconds. Tests all new type tubes including nuvistors, 10-pin types, 12-pin compactrons, hybrids, European types, voltage regulators, thyratrons etc. and provioes for future new sockets. Checks for all shorts, grid emission, leakage and gas. Large 4½" meter with easy-to-read "Replace-Good" scale for quick life tests. Checks each section of multi-grid tubes separately. Lists commonly used tube types on panel with complete listing of cover reference chart, includes 7, 9, and 10-pin tube straighteners and handsome leatherette-covered carrying case. 117V 50/60 Hz AC. Size: 16/ex15¾x5/e". Shpg. wt., 16¼ lbs.

38 R 17152W No Money Down\* 209.95

#### RCA Deluxe WT-501A Transistor Tester



68 ° DC Beta From 1 to 1000 Collector-to-Base Leakage As Low As 2 µa

Completely portable.....requiring no external power source, tests both low and high power transistors, and has both NPN and PNP sockets. Tests out-of-circuit transistors for d-e beta from 1 to 1000, collector-to-base leakage as low as 2 microamperes, and collector-to-emitter leakage from 20 microamperes to 1 ampere. Special low impedance circuitry assures reliable in-circuit testing. Collector current is adjustable from 20 microamperes to 1 ampere in four ranges. Three color-coded test leads are provided. With two 1.5 volf batteries. Shpg. wt., 6 ibs. 2 oz. No Money Down.

38 R 46342

Net 68.00

## SENCORE TF151 "In or Out of Circuit" Transistor Tester



129<sup>50</sup> With Special Reference Book for Testing Transistors and FET's

Accurate, easily read 6 meter. Tests for AC Beta and out of circuit lobo leakage, increased current check for high power transistors make tests more accurate. Special tests for critical RF transistors like GE9's. Also makes the following special tests on FET's: True GM mutual conductance in or out of circuit: Igss leakage checked out of circuit; Special Gate 2 check provided for lwo gate FET's; Special Idss (Zero Blas) current check provided for matching FET's cor lor Industrial: "cutting"; Special positive blas test for new enhancement FET's. For 115 VAC. Size: 94/2 x 74/2 x 6°. Shpg. wt., 12 lbs. No Monex Down

38 R 53272W

Net 129.50

### NEW In-Circuit IC Tester



120°°

Complete with flexible cable and 9 adapter plugs

and 9 adapter plugs

Self-powered IC tester features a clip probe
and a flexible 24" cable for in-system
testing of both 14 and 16-pin dual in-line
TTL or DTL integrated circuits. Displays the
logic states of all pins simultaneously, Circuit malfunctions can be quickly isolated
and diagnosed. Sultable for design or service
testing of gates, clocks, filip-flops, counters,
and adders. Tester lamps are ON for IC logic
highs and OFF for lows. When used for insystem testing, the IC tester is powered by
the IC being tested. Requires no bezels or
overlays. Voltage requirements: 5 V ± 10%
across two or more inputs. Temperature
rating: 0 to 75° C. Comes with luggage-type
foam lined carrying case. No Money Down\*
38 R 54007W wt., 3 lbs. Net 120.00

# Signal Generators—Color Bar Generators

**NEW! RF SIGNAL** GENERATOR

ONLY



SINE/SQUARE WAVE AUDIO **GENERATOR** 

Only



120 kHz-130 MHz on Fundamentals

120 kHz-390 MHz on Calibrated Harmonics

Accurate, inexpensive wideband RF signal generator can be used for IF-RF alignment; audio signal tracing of TV, FM, and AM sets; TV Linearity checks, and 400 cycle audio testing. Dial accuracy of better than 1%. Features a wide frequency coverage from 120 kHz to 330 MHz with internal modulation of either 400 Hz or 1000 Hz. External modulation may be applied. Crystal Oscillator, 1 to 15 MHz (FT-243 type x'tal not included), For 115 V; 50/60 Hz. Size: 7½Hz 104WXHZ\*\*\*\*\*ÜS, SDR.e. WIT, 7½ Ibs. Imported.

38 R 40014W No Money Down\*\*

Net 39.95

### RCA WR 50B RF SIGNAL GENERATOR

with SWEEP FEATURES

Ideal for aligning and trouble-shooting AM, FM, TV, CB and Ham receivers. Provides tunable output from 85 kHZ to 40 MHz in 6 ranges on fundamentals, CW or modulated RF. Dial calibration accuracy ± 2%. Bullt-in 400 Hz audio oscillator for internal or external mod ulation. Front panel crystal socket for oscillator calibration. Shielded outputs. 534 Wx734 Hx434"D. For 105-130 v., 50/60 Hz AC. Shpg. wt., 744 lbs.
38 R 46318 Net 75.00 20 Hz to 200 KHz in 4 Decade Bands

Calibration Accuracy ±3% + 2 Hz

Employs Wien Bridge configuration for sine wave generation from 20 Hz to 200 kHz. For square waves, a Schmitt trigger circuit is used over the 20 Hz to 20 kHz range for puise shaping. Sine Wave Output Voltage, 7 V. rms, approx. Output Flatness within ±0.5 db referred to kHz. Distortion, less than 2% (below 20 kHz). Square Wave, Range: 20 Hz to 20 kHz; Output Voltage, 6 V. p.p. max. Output Impedance 2 K ohms approx. Power supply for 115/230 V., 50/60 Hz; 10 VA approx. Size: 7½HX103Wx12\*D; Imported. Shpg. wt., 6¼ lbs. 38 R 40022W No Modey Down\*

### **B & K 200D SOLID-STATE RF GENERATOR**

Built-in Crystal Calibration

100 kHz to 216 MHz



Features 100% silicon transistor circuitry, zener-regulated power supply, 6-individually shielded step attenuators, variable fine output level control, and calibrated 200 μα D'Arsonvai meter. Range: 100 kHz to 54 MHz on fundamentals (5 ranges), and 54 to 216 MHz on harmopics. Outputs: modulated RF, unmodulated RF, external modulated RF, 400 Hz audio. For 110-130V., 60 Hz AC. Size: 12¾4x7¼x8°D. Shgg. wt., 14 lbs.

38 R 17319WX No Money Down\*

Net 189.95

SENCORE CG-19 PORTABLE COLOR GENERATOR

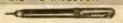


 10 Standard Color Bars plus Standard Crosshatch, Dot, Vertical and Horizontal Lines

Battery operated, tightweight, solid-state. Uses standard RCA Battery operated, fightweight, solid-state. Uses standard killcensed color bars plus standard cross-hatch, dot, vertical and horizontal lines. Simple to use . . . just set selector switch to desired pattern, and connect the RF cable to the antenna terminals of color TV set. Features RF channel settling, timer adjustment and interlace control. Low current drain from two 6.5 volt batteries (not included). Size: 83%x2½x5½2°D. 38 R 53322 Shpg. wt., 4 lbs. 32 R 46790 Pkg. of 2-batteries for above Net 84.50 Net 2.96

BOSCO "MOSQUITO" SIGNAL INJECTOR

1495



Transistorized, pocket sized, and cordless. Oscillates at 1 kHz with harmonics to 30 MHz. Can be coupled into magnetic circuits and pickups without leads. Output 50v p-p. Output impedance, 10K. DC input voltage, 600V., max. Size: 55%Lx½" O.D.

38 R 22103 Shpg. wt., 6 oz. Net 14.95

99 R 62580 "AA" Battery for "Mosquito" Net ea.

### DELUXE COLOR BAR PATTERN GENERATOR



 15 Patterns Including Single Dot and Single Cross

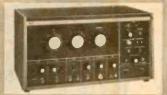
 Scope Sync Pulse No Money Down\*

Extremely versatile color generator produces 15 patterns including the all important single dot and single cross. Trigger pulses available to sync oscilloscope. Composite video signals for video circuit testing. Gun killers for purity and convergence adjustments. Outputs: RF Output, Channel 5 and 6; Patterns-Color Bars: Gated Rainbow, R-Y, B-Y, and -R-Y), Rainbow; Oots: Fine 15 vert. x 21 horiz., Coarse 7 vert. x 11 horiz., Single Dot centered on raster; Cross-hatch: Fine 21 vert. x 15 horiz. Coarse 11 vert. x 7 horiz., Single Cross centered on raster; Vertical: Fine 21 lines, Wide 11 lines, Single fine; Horizontal: Fine 15 lines, Wide 11 lines, Single fine; Horizontal: Fine 15 lines, Wide 7 lines and Single line. Chroma Level control: 0-200% continuously adjustable. For 105-125 V, 50/60 Hz AC. Size: 31/eHx73/4Wx73/4"D. Shpg. wt., 63/4 lbs. Imported. 38 R 40006WX

See Page 22 for Full Credit Details on Easy Pay Plan

## TV Circuit Analyzer and Oscilloscopes

B & K MODEL 1077B COLOR AND B&W TV ANALYST



For Checking Every Stage In a Color and B&W TV Receiver

· With Solid-State-Sweep Drive

Designed to simplify and speed servicing of black and white, color, UHF, VHF, tubetype and transistorized TV receivers. Permits you to inject your own TV signals at any time, at any point . . . while you watch the generated test pattern on the picture tube or teleared test pattern on the picture tube of refe-vision set itself. Supplies a complete test pattern by means of a flying spot scanner system. Eight VHF RF channels, VHF channels 14-82, 20 to 45 MHz IF, audio, video sync, three color adjustment patterns, bias voltage, three color adjustment patterns, blas voltage, and AGC keying pulse ARE ALI AVAILABLE. Checks B+ boost and gives high voltage indication. Provides 3-color receiver test patterns: White dot, cross hatch, color bar. Complete with test leads and standard test pattern slide transparencies. For 105-125V., 50 Hz AC. Size: 17x101/4x10". Shpg. wt., 32 lbs.

38 R 17301WX Net 339.95 5" SOLID STATE TRIGGERED SCOPE



Calibrated Triggered

Vectorscope Input

Professional 5" triggered scope with calibrated vertical Input and calibrated time base. Features a vertical sensitivity of 20 mV/cm, 2 Hz to 10 MHz frequency response, rise time of 35 nanoseconds. Horizontal sensitivity: 200 mVpp/cm or better, 2 Hz to 200 kHz Bandwidth, 0.2 µ sec/cm sweep speed. 5x sweep magnifier. Edge Lighted graticule. Has a flat face 5" CRT with built-in calibrator and a vectorscope input. Power requirements: 115V 50/60 Hz, Approx. 50 VA Size: 10½H x 8W x 16½"D. Imported. Shg. wt., 21 lbs. 38 R 40030WX. Net 339.50

OSCILLOSCOPE WITH **VECTORSCOPE FEATURE** 



•Intermittent Analyzer with Visual Indicators and Electronic Memory Plus Remote Alarm

No Money Down'

Improved version of model 1450. Features Automatic Synchronization—that makes pat-Automatic Synchronization—that makes patterns stand still regardless of amplitude, and will actually sync a 10 MHz signal. Double Scale Calibrated Screen reads peak-to-peak voltage directly. Vectorscope inputs and controls. Shows vector patterns exactly as specified by color TV manufacturers. Z axis input. Has horizontal/vertical push-pull amplification. Response: vertical, ±3 db., 1 Hz to 400 kHz. Sensitivity: vertical, 50 mV rms/inch: horizontal, 0.6 volts rms/inch: Sweep: 5 Hz to 500 kHz. Synchronization: automatic. + and - WT., 50 Hz. EXT. 1746 Dx 133-ht x 834 W. For 110-120V. 50 Hž AC. 38 R 17350WX Wt., 27 lbs. ... Net 299.95

## **Substitution Boxes and Capacitor Analyzers**

SENCORE RC 146 SUBSTITUTION BOX FOR CAPACITORS, RESISTORS, AND RECTIFIERS



95 • Provides 75 Used Values of Carbon Resistors, Capacitors, Electrolytics, and Power Resistors. • Also Provides Substitution Testing For 0.5 Amp. Universal Silicon and Selenium Rectifiers

Save valuable servicing time 'hunting up' exact components for substitution testing only. Provides twelve 1-watt resistors from 10 to 5.6k ohms. Twelve 1/2-watt resistors from 10k to 5.6 megohms. 

SPRAGUE MODEL TO-6 **TELOHMIKE CAPACITOR ANALYZER** 

No Money Down\*



 Tests Low-Voltage Capacitors Used in Transistor Circuits Without Damage

· Designed for Versatility, Accuracy, Safety and Convenience

A moderately priced instrument for complete analysis of all types of capacitors, including low-voltage capacitors, at a guaranteed accuracy of ± 3% for values to 200 mfd and ± 5% from 200 mfd. up. Capacitance bridge measures capacity in five ranges from 1 mmf to 2000 mfd, with color-keyed pushbutton range selection. Large meter directly indicates insulation resistance up to 50,000 megahms for paper, ceramic and mica capacitors. When bridge measures power factor of electrolytic capacitors from 0 to 50% in three ranges. Leakage current of electrolytic capacitors measured directly on meter, with continuously variable test voltage up to 600 volts. Burn-out-proof meter; safety switch. 8% x 14% x 61%". For 110-120v 50/60 Hz AC. Shpg. wt., 18 lbs.

## EICO VTVM's and VOM's—Kit or Factory Wired

### NEW! MODEL 239 FET VOM Y



#### Battery Operated

Use the 239 on your bench or in the field. Checks semiconductor and vacuum tube circuits. 11 Megohm DC input impedance. Reads AC RMS and DC voltages in seven steps from 1 to 1000 volts on large 4½" meter. Measures and reads peak-to-peak AC 2800 volts. Check resistance from 0.2 ohms to 1000 M-ohms on seven ranges. Includes exclusive time-saving Uniorbe. Peak. onms to 1000 M-ohms on seven ranges. Includes exclusive time-saving Uniprobe, Peak-to-peak AC Volts: 0-2.8, 8.5, 28, 85, 280, 850, 2800. AC RMS/DC Volts 0-1, 3, 10, 30, 100, 300, 1000. Ohmmeter: 0.2 to 1000 ohms. Operation on 3-"AA" and 1-"D" batteries. Size 8½ x 5¾ x 5″. Shpg. wt., 4 lbs. 38 R 27672 Model 239 Kit ... Net 39.95 38 R 27664 Factory wired ... Net 59.95

#### Model 240 FET VOM Kit



7995

· AC or Battery Operation

Transistorized volt-ohmmeter especially suited for semiconductor circuit testing. Low 1 v. scale allows accurate readings as low as 0.05 v. Features DC/AC-Ohms Uni-Probe and 7 non-skip ranges in professional 10 db steps. 4½" 200μα meter movement. DC impedance: 11 megs. AC limpedance: 1 meg. Peak-to-Peak AC volts: 0-2.8, 8.5, 28, 85, 280, 850, 2800 AC RMS/DC volts: 0-1, 3, 10, 30, 100, 300, 1000. Frequency response: 25 Hz to 2 MHz (up to 250 MHz with optional PRF probe). Ohmmeter: 0.2-1000 Meg. Operates on 105-132 VAC or batteries. Size 8½ x 8¾ x 5". Shgs. wt., 8¾ bs. Transistorized volt-ohmmeter especially Shpg. wt., 834 lbs.
38 R 27466 Model 240 Kit Net 59.95
Model 240 Factory Wired

Net 79.95

### Deluxe Model 242 FET-VOM Kit



FET volt-ohmmeter with single Uni-Probe for DC/AC-ohms-ma measurements. Large 61/2" meter. Designed to be used effective-6½" meter, Designed to be used effectively on vacuum tube and semiconductor circuits. 1 v. scale for accurate readings as low as 0.05 v. P.P. AC volts; 0.28, 8.5, 28, 85, 280, 850, 2800 and milliamperes. AC RMS/DC and current: 0-1, 3, 10, 30, 100, 300, 1000 v. and milliamperes. Input impedance: DC-11 Meg., AC-1 Meg. Frequency response: 25 Hz to 2 MHz. (up to 250 MHz with optional PRF probe). Ohmmeter: 0.2 ohms—1000 Megohms in 7 ranges. For 105-132 VAC or battery opera-38 R 2.7482 Model 242 Kit Net 58.95 38 R 27482 Model 242 Kit Net 69.95 Model 242 Factory wired 38 R 27508

Net 94.50



#### MODEL 235K PROFESSIONAL VTVM KIT

Deluxe VTVM features 6" 200 micro-amp meter, 1/2-volt full scale DC range for transistor servicing. Ac/DC "Unit-Probe", and 1% prectsion multiplier resistors. Ranges: AC/DC volts, 0-0.5, 1.5, 5, 15, 50, 150, 500, 1500; p-p volts, 0, 4, 14, 21, 140, 1400, 4200; resistance, 0.2 ohms to 1000 megs in 7 ranges. Response: 3 Hz to 3MHz. Accuracy: 3% AC and DC. Has 11 megohm DC input supplied with uniprobe. For 117 v., 50/60 Hz AC. 38 R 27169 No Money Down\* No Model 235. As above, but factory wired Net 59.95 Net 84.95 38 R 27177

#### **MODEL 232K PEAK-TO-PEAK** VACUUM TUBE VOLTMETER KIT

VACUUM TUBE VOLTMETER KIT

A precision-unit with advanced engineering features.

11 megs Input impedance. 1% precision ceranic
multiplier resistors used. Measures directly peakto-peak voltage 0-4, 14, 42, 140, 420, 1400, 4200.

DC/RMS sine volts: 0-1.5, 5, 15, 50, 150, 500, 1500

Lup to 30,000 volts: with HVP probe, and 250 MHz
with PRF probe). Ohms: 0.2 ohms to 1000 megs in 7
ranges. Easy calibration. 44½ meter, can't-burn-out
circuit. Zero center. With AC/DC Uni-Probe. Exceptional stability and accuracy. All components and
Instructions supplied. For 105-125 50/60 Mz AC. Size: 8½ x 5 x 5". Shpg. wt., 6 lbs. No Money Down\* 38 R 26179 Model 232 Kit Net 34 Model 232. As above, but factory wired. Net 34.95 Net 49.95

MODEL HVP-5 HI-VOLTAGE PROBE

with Built-in Meter 95

Light, compact! Measures up to 30 kv. Barriers are provided to isolate high voltage tip from probe handle and meter. Wt. 6 oz.

Net 22.95

#### EICO PROBES

· A Must For Servicemen, Engineers, and Technicians

HVP2 HV PROBE — wired only. Extend range of VTVM to 30,000 v. Shpg. wt., ½ lb. 38 R 26344 Net 9.95

PRF-11K-11 meg RF probe kit. 38 R 26286 Shpg. wt., 1/2 lb.

PRF-11-As above, Factory wired. 38 R 26294 Shpg. wt., 1/2 lb. Net 6.95

#### **FAMOUS 500 SERIES VOM KITS**



As Low As

MODEL 566K. Large 4½" meter features: AC/OC sensitivity of 1K ohm/v. totals 38 ranges: AC/DC volts: 0-1-5-10-500-5000AC/DC. Current: 0-1-10 m.a. 0-0.1-1 amps. Ohms: 0-5K- 100K-1 meg. DB: -20 to -6-88 in 6 ranges. All components and instructions supplied. 6-94x54x3". Shog. wt., 3¼ lbs. 38 R 26013 Model 566 Kit. Net 19.95 Model 556. As above, but factory wired. 38 R 2601

Net 27.95 Model 556K. Same as 566K but with 1% resistors. Shpg. wt., 31/4 lbs.

38 R 26039 Model 556. As above, but factory wired.
38 R 26047 Net 29.95

MODEL 536K (Not Illustrated). Outstanding value. 3" meter features AC/DC sensitivity of 1K ohm/v. 31 ranges—AC/DC volts: 0-1-5 10-50-100-5000. AC/DC current: 0-1-10 ma., 0-0.1 amp. ohms: 0-5K; 100K-1 meg. DB —20 +69 in 6 ranges. All components and instructions supplied. 64/2 x 33/4 x 23/4". Shpg. wt. 21/2 lbs

## EICO Tube and Transistor Checkers—Kit or Factory Wired

#### MODEL 680K TRANSISTOR & CIRCUIT TESTER KIT



- Measures Transistor ICBO, ICEO, DC
- 20K Ohm per Volt VOM For Testing Transistor Circuits

Accurately measures basic transistor and diode characteristics. Checks ICBO, ICEO, DC Beta; simulated AC Beta. 29,000 ohms/volt meter includes 5 DC current range. ICBO/IC ranges: 50 a, 500 µa, 5ma, 50ma, 500 µa, 5ma, 50 µa, 500 µa, 5ma, 50 µa, 500 µa, 50

38 R 26856 Kit Shpg. wt., 31/4 lbs. Net 34,95 Model 680. Same as above, but factory wired. 38 F 26864

#### MODEL 685 DYNAMIC SEMI-CONDUCTOR & CIRCUIT ANALYZER



Money Down\* WIRED

- Measures FET and Bipolar Transistors • Test Transconductance and Beta-In and Dut of Circuit
- Bwilt-In Voltmeter and Ohmmeter

Tests FET, Bipolar and Unijunction transis-tors, Silicon Controlled Rectifiers, Power Rectifiers, Signal Diodes, and Zener Diodes. Built-in DC voltmeter and ohmmeter, 0-500 volts, 400 ohms-10 megohms. 1% resistors, 50 µa, Taut Band meter. AC beta test from 2 to 1000 on power and small signal devices, from 2 to 100 on RF transistors. 0-50,000 micromhos AC transconductance readings, 10SS, IGSS and pinch-off voltage readings. Bipolar Transistor Tests: AC Beta 2-100 st Bipolar Transistor Tests: AC Beta 2-101 ac IC=0. 2ma for RF devices. For 120 VAC 60 Hz. Size (HWD): 12½x8½x6", wt., 9los. 38 R 27623 Model 685 Klt Net 99.95 Model 685. Same as above but factory wired. 38 R 27631W

**MODEL 443K SEMICONOUCTOR** CURVE TRACER KIT



WIRED Money Down\*

### Output of 443 Can be Displayed on Any General Purpose Scope

Tests power and signal transistors, diodes and rectifiers. Adopts to any general purpose oscilloscope and displays the DC character-istics of semiconductor devices. Built in oscilloscope calibrator voltage switch. Contains a flashing indicator light to indicate when high voltage is present at the diode test terminals. Transistor tests: Beta — 6 volts at 10 ma, maximum collector current for signal transistors and 6 volts at 1 amp.
max. collector current for power transistors. Diode tests include: Forward current (0-1,100 ma). Reverse Current (IR) —  $(1,10,100 \mu a)$ 100 volts/div). Size: 3x111/2x91/2.

38 R 27409 Shpg. wt., 101/2 lbs... Net 99.95 Model 443 Kit as above but factory wired.

Net 149.95

#### MODEL 635K PORTABLE TUBE TESTER KIT



#### Extremely Portable Design

Tests new Decals, Magnovals, Novars, Nuvistors, Compactrons, 10 pin, fareign, hi-fi, industrial types, and all popular TV picture tubes. Rapid tests for dynamic cathode emission, shorts, grid leakage, and gas. Even where internal pins are tied or heater is tapped, shorts can be detected. 3½" D'Arsonval type meter protected against burmout. Other features include: meter bridge circuit for assured accuracy: pin straighteners; long for assured accuracy; pin straighteners; long life phosphor bronze sockets; short and grid leak indicator; power indicator; modern lug-gage design, scuff-proof case. Includes com-plete tube chart. 8/ex113/ex33/ex7. Shgg. wt..

8% lbs. 38 R 27383 Kit Model 635-As above, but factory wired. 38 R 27391 Net 74.95

#### MODEL 633K CRT TESTER AND REJUVENATOR KIT



No 95 Money Down\*

- . Tests, Repairs, Rejuvenates Color or B&W CRT's
- Luggage Case Holds 5-Socket Cable and Line Cord

Universal multi-socket cable accommodates Universal multi-socket cable accommodates any black and white or color CRT. 3-range filament voltage selector. Grid cut-off voltage and filament voltage read on 4½2 meter, also beam current on a 3-color BAD. 7-600D scale. Neon-lamp circuit for shortopen testing. 6 push-buttons enable instantaneous measurement without danger of CRT. damage. Spring-return repair push-button is used to apply 1000 VDC for rejuvenate process. For 105-130 Volts AC. 60 Hz. Size: 12W 1934 H15"D. Shoe. wt., 1134 lbs

38 R 27367 Kit. Net 89.95 Model 633 as above, but factory wired.
38 R 27375W Net 119.95

#### MODEL 667K DYNAMIC CONDUCTANCE TUBE AND TRANSISTOR TESTER KIT



Money

- · Separate Plate, Screen, and Grid **Switches**
- Test All New Tube Types

Combines a mutual conductance test with a peak emission test to give a single reading of tube quality. Also checks transistors for of tube quality. Also cheeks transistors for leakage and beta. Fests almost every domestic or foreign tube including nuvistors, novars, compactrons, miniatures, subminiatures, octals and loctals. Jests special purnovars, compactivity, invariant special purpose tubes, voltage regulators, electron ray, etc. Multi-circuit level switch: 15 tube-element pushbutton switches. 44° 200 µa D'Arsonval meter; roll chart, Steel case. For 105-130v, 60 Hz AC. 12 x 15 x 44/2". Shpg. wt. 2034 lbs.
38 R 26526W

Net 99.95

Model 667 as above, but factory wired. 38 R 26534W Net 149.95

## **ElCO Signal Generators - Kit or Factory Wired**

MODEL 147AK DELUXE SIGNAL TRACER KIT



A deluxe instrument with superb testing facilities, engineered for high sensitivity as well as good audio quality. Features high gain RF and low gain audio channels. Both visual and aural monitors. With shielded RF crystal demodulator, valuable noise locator circuit, built in calibrated wattmeter, subcircuit, built in calibrated wattmeter, substitute test speaker, amplifier and output transformer. Output for VTVM or scope. Tride input circuit for extreme low noise, Hum free operation, Complete with all components and instructions with probes. For 105-125 VAC 50/60 Hz. 8x10x4%". Shgg. wt., 11 lbs.

38 R 26617 Kit. Net 39.95 Model 147A. As above, but factory wired. 38 R 26625 No Money Down\* ..... Net 59.95

MODEL 150 K SOLID-STATE SIGNAL TRACER KIT



Multi-purpose signal tracer? Provides com-Multi-purpose signal tracer? Provides com-ponent substitution of output transformer and speaker. Has independent RF and audio inputs; speaker and calibrated meter output indicators, Ideal for troubleshoot-ing AM, FM and TV receivers as well as hi-fi and PA audio equipment. High fre-quency RF point contact crystai demodulaquency NF point contact crystal demodula-tor probe and direct audio probes are pro-vided. SPECIFICATIONS: Output—400 mw, input for rated output—RF 1 mV, audio —63 mV, Hum—better than 60 db below 400 mw, Meter movement —200 uA. For 105-132VAC., 50/60 Hz. Sizer 7½x8½x5" Shop wt 832, ibs. 8¾ lbs.

D. Shpg. wt., 8 38 R 27516 Kit Model 150 as above but factory wired, 38 R 27524 No Money Down\* \_\_\_\_ Net MODEL 369K TV-FM SWEEP MARKED GENERATOR KIT



- Aligns TV and FM IF's
- Both Variable and Crystal Marker Oscillator
- Incorporated Marker-Adder
- Supplied with Cables

Features post injection marker and sweep circuit, Sweep gen, is independent of marker gen, and feeds sweep signal only to IF strip being aligned. 5 ranges, from 3.5 MHz to 220 MHz, Impedance: 50 ohms, Variable frequency Marker: 4 ranges, 2-225 MHz in Harmonics. Fixed Frequency Marker: 4.5 MHz. crystal included. For 105-125V, 60 Mz AC. Size: 12½x8½xx7". Shpg. wt. 16 lbs. 38 R 26674W Kit. Net 109.95 38 R 26674W Kit.

Model 369. As above, but factory wired. 36 R 26682WX No Money Down\* Net 159.95

MODEL 379 SOLID-STATE SINE/SQ WAVE GENERATOR KIT



WIRED

Covers 20 Hz to 2 MHz In 5-Bands

Simultaneous Sine and Square wave outputs! Frequency Range: Sine Wave - 20 Hz to 2 MHz, Square Wave - 20 Hz to 200 kHz, Output Voltage: Sine Wave - 0-7.5 volts rms into high impedance output, 0-6.5 volts into 600 ohms; Square Wave -0-10 volts peak-to-peak into high impedance. Accuracy: 3%. For 105-132VAC., 50/60 Hz. 7½x8½x8½x. 38 R 27532 Shpg. wt., 11¼ lbs. Net 68.95 Model 379 as above but factory wired. 38 R 27540 No Money Down\* Net 99.95

MODEL PSI SIGNAL

INJECTOR PROBE KIT
Pocket size, cordless, pen type instrument generates and injects a signal
covering the audio, IF, and RF spectrum. Contains a solid state oscillator trum. Contains a solid state oscillator powered by two long-life 1½ volt pen-light cells. Can be coupled into magnetic pickups and circuits without leads. Oscillates at 1000kHz with harmonics to 30MHz. Impedance: 10K ohm. Size: 53%" long x ½" diameter. 38 R 27359 Kit. Wt., 4 oz. ... 38 R 27342 Factory Wired Net 9.95

MODEL 377K AUDIO GENERATOR KIT



WIRED

- Sine Wave: 20-20,000 Hz In 4 Bands
- Square Wave: 60-50,000 Hz

Model 377 features R-C (Wien Bridge) oscilmodel 377 features R-C (Wien Bridge) oscillator circuit with 1% precision resistors. Includes choke filtering in the power supply. Excellent calibration accuracy, stability and purity of wave-form. Response: ±1.5db, 60-150,000 Hz. Distortion less than 1%. Hum less than 0.4%. Accuracy 3%. For 1174AC., 60 Hz, 50 watts. Size: 7½xx11½xx7¾. Shpg. Wt. 14 lbs.

38 R 26633 Kit. Net 49.95 Model 377 As above, but factory wired. 38 R 26641 No Money Down\* Net 64.95

**DELUXE 378K** AUDIO GENERATOR



- Switch Selectable Frequency Dutput
- One Hz. to 110 kHz
- Metered Output Voltage

Switch selectable frequency output from 1 Hz. to 110 kHz: one Hz steps (1-110 Hz); 10 Hz steps (10-1100 Hz); 100 Hz steps (10-1100 Hz); 100 Hz steps (10-1100 Hz); 11 kHz steps (1 kHz to 110 kHz); FREQUENCY ACCURACY; ±5%. DISTORTION: tess than 0.1%, 20 Hz-20 kHz. OUTPUT VOLTAGE RANGES: 0-3. 10V into Hi-Z (10K min.); 0-030, 01, 03, 1.3, 1V. into ext. or internal 600 ohm load. OUTPUT METER ACCURACY: ±5% of full scale. POWER RE-QUIREMENTS: 120V, 50/60 Hz, 40 walts. SIZE: 84% x 124½ x 5°D. Shpg. wt., 16 lbs. SR Z7706W Kit. 38 R 27706W Kit. Net ( Model 378, As above, but factory wired 38 R 27714W No Money Down\* Net ( Net 69.95

MODEL 385 SOLID STATE COLOR BAR GENERATOR KIT



WIRED

• 10-Bar Color Display plus Dot and Crosshatch Pattern

Crystal-controlled, portable unit. Feeds directly into antenna terminals on TV. Produces 10-bar color display plus a well defined dot and crosshatch pattern. Provides individual horizontal and vertical lines for convergence adjustments. A color-coded gun killer can eliminate 1, 2, or 3 colors. Operates on 6 "C" cells. 242x842x8. Shpg. wt., 7 lbs.

38 R 27441 Kit. No Money Down\* 38 R 27458 Factory Wired 99 R 62572 "C" batteries (6 req.) Net 99.95 Net ea.

## EICO Generator and Scopes—Kit or Factory Wired

RF SIGNAL GENERATOR KIT



WIRED

150 kHz. - 435 MHz. in 7 Bands with ± 1.5% Accuracy

will ± 1.3 % Accords;

For IF-RF alignment, signal tracing and trouble-shooting of TV, FM. AM sets all on fundamentals; marker generator for alignment of new HF and older LFT V IF's. Range: 150 kHz-145 MHz on fundamental; 111-435 MHz on calibrated harmonics— ± 1.5% frequency accuracy. Internal 400 Hz sine-wave modulation variable from 0-50%. Colpitts oscillator. Variable gain externat modulation amplifier; Turret-mounted, slug-tuned colls. RF output 100,000 mlcrovolts. AF output up to 10 volts. Output impedance is 50 ohms. For 105-125V. AC 50/60 Hz. Size: 8x10x434\*. Shdd. wt., 9 ¼ lbs.

Shpg. wt., 9 1/4 lbs.
38 R 26591 Kit.
Model 324. As above, but factory wired.
38 R 26609 No Money Down\* Net 54.95

EICO 330K SOLID STATE RF SIGNAL GENERATOR KIT



- 100 kHz. to 54 MHz. in 5 bands
- Precision Vernier Tuning Control RF Coarse Attenuation—3 Steps
- RF Fine Attenuation-0 to 100%

Wide-range RF generator for aligning TV's, AM and FM radios and communications equipment. Coarse and fine level controls 

MODEL 950K R-C BRIDGE RCL COMPARATOR KIT



· Comparator Range Allows the Use of Complementary Components as Standards

Combination RC bridge and comparator, a direct reading ratio scale for comparison measurement of capacitance, resistance and inductance with a "standard" complimentary component. Measures (in 4 ranges) 0.5 ohms to 500 megohms; 10 mmf to 5000 mfd. Comparator range: 0.5 to 20. Variable DC polarizing voltage from 0 to 500V tests capacitors for leakage and shorts, "Eye"-tube null indicator. Less leads. For 105-125V, 50 Hz AC, Steel case, 8Hx10Wx44x-"D. Shpg. wt., 8 lbs. 38 R 26898 Kit Net 29.95

38 R 26898 Kit Net 29.95

Model 950. Same as above but factory wired 36 R 26906 No Money Down\* Net 44.95

**DELUXE MODEL 460K** 5" WIOE BAND DC SCOPE KIT



- · For Color & Black & White
- 10 MV RMS/CM Sensitivity
- DC to 4.5 MHz Flat Response
- TV-V and TV-H Sweeps

Excellent Lab precision scope featuring Pushpull direct coupled vertical amplifier with high sensitivity: 25 my/in. Response flat from DC to 4.5 MHz, useful to 10 MHz, ideal for reproduction of 3.58 MHz color TV sync. burst. 4-step freq.-compensated attenuator in both AC, DC positions, Also internal voltage calibration, Automatic sync. limiter and amplifier, 2K-full screen horizontal positioning. Sweep-freq.: 10 to 100 Hz with external capacitor for 10-freq. sweeps. Preset TV V & H sweep positions (30 and 78.75 Hz). Variable lighted graphed 5" screen. Very hi-input impedance. Complete with all components and instructions for easy assembly, 13x8-yz, 16". For 105-125 VAC, 50-60 Hz. Shg. Wt., 28¼ lbs.
38 R 26435W Kit. Met 103,95 Excellent Lab precision scope featuring Push-

Model 460 Klt. As above, but factory wired. 38 R 26443W No Money Down\*.... Net 169.95

MODEL 465 K PROFESSIONAL



- DC to 8 MHz
- 12 MV RMS/CM Sensitivity

Preset TV-Vertical and TV-Horizontal sweep positions (30 and 7875 Hz) makes the 465 ideal for all aspects of color and B-W TV servicing. Zener diode controlled voltage cal-bration source; distortioniess V and H trace expansion; drift-free V and H positioning; automatic sync limiter and amplifier; full retrace blanking; edge lit calibration grid. Vertical amplifier specs: response from DC to 8 MHz (+1 —5 db); sensitivity, 12 mv/cm rms; input impedance, 1 meg, Horizontal amplifier response from DC to 1 MHz (+1 —3 db); sensitivity, 17 mv/cm rms, input impedance, 1 meg, Sweep ranges: 10-100 Hz, 100-1kHz, 10kHz-10kHz, 10thz-10kHz, 10thz-10

5" OSCILLOSCOPE- VECTORSCOPE

Model 465 as above but factory wired 38 R 27433W No Money Down\* \_\_\_ Net : Net 249.95 MODEL 955K IN-CIRCUIT CAPACITOR TESTER KIT



- . Test Capacitors In or Out of Circuit
- Electron Ray Tube Indicator Provides Easy Reading
- . Tests For Shorts and Opens In or Out of Circuits

Checks for shorts (even in the presence or as little as 1 ohm shunt resistance). Checks for opens, capacitors as small as 15 mm, in or out of clicuit. Wien bridge circuit measures capacitance with ±10% accuracy between 0.1 mf and 50 mf at any point on the 4" lucite diaf-product, convertible into dissipation or power factor-indications visible on electron ray tube. Includes fine adjust control. For 105-130 VAC. Size: 84/2H x 5/3W x 6\*D. Shop. wt., 63/4 lbs.

Model 955. Same as above but factory wired. 38 R 26922 No Money Down\* ...... Net 44.95

## **EICO Miscellaneous Test Instruments-Kit or Wired**

### RESISTANCE & CAPACITANCE



LOW

1171K

1180K

### 1180K CAPACITANCE DECADE KIT 100mmf to 0.111 mf in increments of 100mmf. 3 decade assemblies. Rated 350 VDC continuous, 500 VDC intermittent, 1000 VDC test. Accuracy ±1%. 9 x 3½ x 3½ 2°D. Shg. wt., 2¼ ibs. 38 R 26799 Kit Net 24.95

As above but wired 38 R 26807

1171K RESISTANCE DECADE KIT
Substitute equivalent values of resistance
in a circuit. From 0 to 99,999 ohms in 1ohm steps in 5 decades, Uses 0.5% accurate
resistors. Comparator switch permits instant substitution. 12L x 342W x 3"D. Less leads. Shpg. wt., 31/4 lbs. 38 R 26773 Kit ....

Net 29 95 Model 1171 Same as above but factory wired 38 R 26781 No Money Down\* Net 39.95

#### MODEL 888 SOLID STATE DELUXE ENGINE ANALYZER KIT



54 95

WIRED

 Large 6" D'Arsonval 2 Color Meter Seven professional engine and Ignition sys-Seven professional engine and Ignition systems in one. Determine the condition of battery, starter, ignition coil, distributor, voltage regulator, alternator or generator. Performs on 4, 6, or 8 cylinder, 6 or 12 voits, pos. or neg. grounded systems. Self-powered (4 "D" cells not included). SPECIFICATIONS: Dwell 0 to 45° for 8 cyl., 0 to 60° for 6 cyl., 0 to 90° for 4 cyl.; RPM — 0 to 1200 and 0 to 6000 for 4, 6, and 8 cyl.; Voltage — 0 to 3.2 and 0 to 16V. DC; Ohms — 0 to 20KD for spencial continuity and alternator, clode test. general continuity and alternator diode testing; Current — 0 to 90 amps. DC. 111/2 x 6 x 5" Shog. wt.. 9 lbs. 38 R 27227 Kit. No Money Down\* Net 54.95

Model 888 as above but factory wired 38 R 27235 No Money Down\* Net 79.95

#### MODEL 887 SOLID-STATE PORTABLE IGNITION/ ENGINE ANALYZER



WIRED ONLY

 For 6, 12, and 24 Volt Systems, 4, 6, or 8 Cylinder Engines, Positive or Negative

Accurately checks voltage and current regulators, generators, alternator diodes, Checks distributor wear, condition of point surfaces, variation of dwell angle. Determines coil resistance, locates poor or open electrical ground circuits. Single function switch for operating ease. Big 4" meter has sensitive D'Arsonval movement; scales for 0.1200.6000 engine rpm; 0.13-15-30 volts; 0.90 amps; 0.100 ohms; 0.450-60 dwell angle; spark output and leakage, Size: 4½"kx5½"wx2"D. Shg. wt. 1½ fbs. Shpg. wt., 11/2 lbs. 38 R 27680 No Money Down\* Net 49.95

MODEL 540K UTILITY TESTER KIT

#### MODEL 1140 SERIES/PARALLEL RC.SUBSTITUTION BOX KIT



1995

WIRED

versatile series parallel RC combination substitution box with switch hing facilities for selection of any R alone, any C alone, or 1350 combinations of R and C in series or parallel. Resistance values from 15 ohms to 10 megohms; capacitance values from 0.0001 to 0.22 mfd. ±10% accuracy. Open and short circuit positions provided. Can be substituted in circuit to determine values. Convenient 5-way jack binding posts. 634 Hx544 Wx236"D. Shpg. wt., 3 lbs. 38 R 26872 Kit Net 19.95 Model 1140. Same as above but factory wired

38 R 26880

Net 29.95

MODEL 944K FLYBACK TRANSFORMER AND YOKE TESTER KIT



WIRED

- Large, Easy-To-Read 4½ Meter Separate Calibration For Air-Core And Iron-Core Flybacks And Yokes
- Provides a positive check, in just a few seconds, on all types of flybacks and yokes, both in and out of the circuit. Operates on ex-tremely sensitive grid-dip principle to show up even one shorted turn. Separate calibration settings for air-core flybacks and yokes to assure accuracy in testing both types. Large, easy-to-read 4½" meter, with three colored scales. Tube complement: one 6K6. 105-125V. AC, 60 Hz. 7"x5"x4"D. Shpg. wt.,

53/4 lbs 38 R 27011 Kit Net 29.95 Model 944. Same as above, but factory wired. 38 R 27029 No Money Down\* ...... Net 44.95



KIT WIRED

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 batterles, generators, distributors, etc. 34/2 meter. Ranges: Volts AC/DC 0-7.5-15-150-300. AC/DC current: 0-15 amps. Ohms: 0-1000 ohms. Capacitof leakage test. All components and instructions supplied. 33/486/2x34/2". Shpg. wt., 23/4 lbs. 38 R 26245 Model 540 Kit. Net 19,95 38 R 26245 Model 540 Kit Net 19,95 Model 540. As above, but factory wired. 38 R 26252

#### EICO OSCILLOSCOPE ACCESSORY PROBES

Features: fully shielded rugged terminal board mounting of all parts. Shock-mounted floating construction. Probe bodies are color-coded for easy identification.

38 R 26450 Model PSD-K Demodulator Probe Kit. Wt., 1/2 lb. 38 R 26468 Model PSD as above but factory wired. Wt., 1/2 lb. 38 R 26476 Model PD-K Direct Probe Kit. Shpg. wt., 1/2 lb. 38 R 26484 Model PD as above, but factory wired. Wt., 1/2 lb. 38 R 26492 Model PLC-K Low Capacity Probe Kit. Wt., 1/2 lb. 38 R 26518 Model PLC as above, but factory wired. Wt., 1/2 lb. 38 R 26518 Model PLC as above, but factory wired. Wt., 1/2 lb. Net 4.95 Net 6.95 Net 3.95 Net 4.95 Net 4.95 MODEL 585K BATTERY TESTER



**7** 95 Z WIRED

Test all popular battery types rapidly under typical load. Specs: Test Positions(V): 1.5 (#6 cell) 1.5 (C, D cells), 1.5 (AA cell), 4.5, 6, 9, 12, 22, 45, 67.5, spare, Max. Battery Voltage and Current Spare Position: 250V, 500 ma. Meter: 15 ma. 90, weak-good scale. Size (HWD): 64/x x 3 x 2" inc. test leads. Size (HWD): 64/x x 3 x 2" inc. test leads. Shg. wt., 2 lbs.
38 R 27607 Model 585K ..... Net 12.95 Model 585. As above, but factory wired.
38 R 27615 ..... Net 15.95

**EMC Test Equipment Kits** 









Kit 14 95

Wirnd 2250

A MODEL 212 TRANSISTOR ANALYZER KIT. Battery powered, checks all transistors for beta in 3 ranges to 200; leakage on 3-color scale Tests all transistors in circuit without removing them. Can be used to signal trace AF, IF or RF circuits. Also measures battery voltages on 0-12 volt peak and DC current drain on 0-80 militampere scale. Checks condition of diodes. Supplied with test leads and instructions.

Size: 31/4 Wx61/4 Hx2"D. Shog. wt., 21/2 lbs.

38 R 24018 Model 212 kit ... 38 R 24026 Model 212 wised

Net 14.95 Net 22.50

MODEL 213 TUBE TESTIR KIT. Checks all new Compactrons, Nuvistors, Novars and 10 prong tubes in addition to Octals, Locals, Miniatures and 9-prong tubes. Tests for shorts, leakages, intermittents and quality, Quality is indicated directly on 3-color metal dial, Each section of multi-purpose tubes is checked separately. Also tests Magic Eye, Voltage Regulator and Hi-Fi tubes. Supplied complete with high-impact bakelife case and strap, instructions and tube charts in ring bound manual. Size: 8½x7½x4". Shpg. wt., 5¾ lbs.

38 R 24034 Model 213. kif ... 38 R 24042 Model 213 wired

MODEL 801 RESISTANCE COMPARATOR CAPACITANCE & CAPACITY ICI MODEL 801 RESISTANCE COMPARATOR CAPACITANCE & CAPACITY CHECKER KIT, Measures condensers for actual value, leakage, and power factor. Detects in-circuit opens above 50 mmfd, shorts up to 20 mfd, and condensers that are intermittent in operation. Checks capacity values in 4 ranges from 10 mmfd to 5000 mmfd; resistance in 4 ranges from .5 ohms to 500 megs. Also checks capacitor, inductance or resistance ratio, or transformer windings with a ratio of 20:1 or less. Tests power factor and leakage at rated voltages be-

tween 0-500 VDC, Size: 10x7x5"D, Shpg. wt., 91/4 lbs. Net 29.45 Net 47.95

MODEL 802 SIGNAL TRACER AND GENERATOR KIT. Combination MODEL 802 SIGNAL TRACER AND GENERATOR KIT. Combination signal tracer and generator. In the absence of a signal it generates its own signal for audio. If or R festing, incorporates a noise locator circuit for checking noisy components, Provisions are made for using the instrument as a substitute speaker or amplifier. Audio Freq., 400 Hz; IF Freq., 455 kHz (Mod.), Complete with demodulator and audio probes. 10x7x5". Shpg. wt., 9¼ ibs.

38 R 24075 Model 802 kit

Net 29.45
38 R 24063 Model 802 wired

Net 48.95

## **Test Leads and Probes**

## NEON CIRCUIT TESTER

A simple, safe, electrical circuit tester voltages from 60 volts AC to 550 volts AC or OC. Imported. Shpg. wt., 2 oz.

99 R 80715

Net ea.



Standard test leads furnished with plastic prods and pin plugs which withstands chipping or breaking. Extra flexible kinkless vinyl covered 60" red and black leads. Prods are red and black. 4" long x 2,8" diameter, Supplied in pair of one red and one black, Available with either pin or banana plugs. Imported. Stog. wt., 8 oz.

99 R 50015 With Banana Plugs Net .59 99 R 50023 With Pin Plugs Net .59



· With Built-In Meter

This small self-contained probe featuring a This small self-contained probe featuring a built-in voltmeter, can be used for any color or 8&W TV set. Easy to operate! Made of high-impact plastle, it requires no batteries or external power source—no warm-up time. 30,000 volts DC range; 20,800 ohms/volt sensitivity; accuracy of ±3%; multiplier resistance is 600 Megohm ±2%. Overall, length is only 1444". With ground wire and clin Shee wit 12.0; clip. Shpg. wt., 12 oz.

38 R 12013

Net 19,95

STRETCH-TYPE TEST LEADS



Cannot kink or become entangled, 16" coil extends to 9 feet. Includes red and black plastic handles on each end. Probe 642" long including fips. Imported Shpg. wt., 6 oz. 99 R 50239 Net 2.19

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.

Stock No.	Туре	Wt.	Per Pair
32 R 64017	Phone tips	7 02	2.20
32 R 64025	Spade lugs		2.20
32 R 64033	Allig. Clips		2.40

6 FT. COIL CORD TEST LEADS

Stretch-type color-coded coiled cord twin test leads. Furnished with 5½" test prods on one end and pin plugs on the other end. Flexible vinyl clad wire cannot become entangled. 30" colled leads extends to 6'.

Net 1.19

99 R 50783

KLIPZON ADAPTERS

Convert old test points to self holding prods. Pierces insulation of standard phone tips or needle type.

32 R 60153 Red, 2 oz. 32 R 60161 Black, 2 oz. Net ea. .44 Net ea. .44

#### UNIVERSAL TEST LEAD KIT IN PLASTIC CASE



Consists of: pair of red and black color coded 4%" x 3/m" plastic handle pin prods with 30" plastic insulated leads terminating in coded 2" x 3/m" banana plugs; pair of spade lugs; pair of phono-tips; and pair of red and black insulated alligator clips. Handsome compartmented plastic case. Imported. Shpg. wt., 7 oz.
99 R 50031 Net 1.95



Completely flexible for difficult test situa-tions. Plunger when pushed in enables steel forked tongue to grip wire or terminal you are testing. Accepts banana plug or bare wire, 6" long, Imported, Shpg. wt., 4 oz. 32 R 37005 Red 32 R 37013 Black Net 1.47 Net 1.47

**B & K FR3 3 POINT PRORF** 



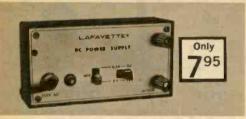
405

Easy one-hand way to check transistors, dlodes and components in Printed Circuit Boards. Needle tips are spring loaded for proper contact. Colorcoded leads terminate in insulated alligator clips.

38 R 17269 Shpg. wt., 8 oz. Net 12.95

## Reliable Test Equipment... At Low Prices

LAFAYETTE SOLID-STATE DC POWER SUPPLY/BATTERY ELIMINATOR



#### LAFAYETTE TRANSISTORIZED DC POWER SUPPLY



- · Use As A DC Power Supply
- Use As A Battery Eliminator For Transistor Radios
- · 4.5, 6, 9, and 12V Output Voltages
- Up to 140 MA Output

Essential Instrument for repair of solid state equipment requiring constant low voltage. Doubles as a convenient battery eliminator for transistor radios. Highly filtered circultry provides four output voltages: 4.5 v., 9 v., 6 v. and 12 v. Voltage selection is simplified with front panel silde switches. Up to 140 MA output. Features transformer power supply and pilot light. For 117 VAC. Overall size: 5½ WW x 2½ D x 2½ H. Imported. Shpg. wt., 1¼ bs. 99 R 50742

Net 7.95

AC Ripple Less Than .025%

Transistorized Regulation Circuitry

Provides continuously variable voltage and current with low ripple. Excellent for operation of transistorized devices, Panel meter reads either current or voltage. SPECIFICATIONS—Output voltage: 0.20 volts DC (continuously variable). Output Current: 0.20 MA, 0.200 MA (in two ranges). AC Ripple: less than .025%. Power Input: 110-120 Shop wt, 234 lbs. 99 R 50684

#### KINECOLOR CIRCUIT ANALYZER



. Instant Hook-up for Analyzing, Testing and Adjusting Color CRT's and Associated Circuitry Under Actual **Operating Conditions** 

Speed color-TV servicing by using this analyzer. Turning off electron guns is as easy as opening switches. Each color gun has its own switch and any combination of colors may be chosen. Voltage and current tests are easily performed using single pin jacks provided on the panel. Simplifies purity adjustments, convergence, gray-scale and tracking, voltage test, current measurement, and wave form observations. Sturdy compact unit is fully insulated and enclosed. Complete with detailed procedure booklet. 6½x 3½x2". Shpg. wt., 1¾ lbs.

Net 19.95

LAFAYETTE RESISTANCE-CAPACITY SUBSTITUTION BOX

24 Resistance Values

9 Capacitance Ranges

Versatile service instrument enables rapid substitution of a wide range of resistor or capacitor values. Resistance values in two ranges (12 steps each)—Low: 15 ohms to 10K ohms; High: 15K ohms to 10K ohms; High: 15K ohms to 10 Meg ohms. ±10% accuracy. Capacitance ranges are: .0001; .0010; .0022; .0047; .010; .0022: 0.47; .10; .22 MFD (rated at 400 volt working capacity). Size: 5½ × 2¾ × 1¾H. Imported. Shg. wt., 3¼ lb. 99 R 50759 Net 4.95



PROTECT YOUR METER with METERGARD



95 Easily Installed No Overload Damage

Protect your meter, regardless of make, against overloads. No more bent pointers, damaged pivots, or burnt out coils, Installation of metergard will allow your meter to withstand as much as a 10.000% overload. Shpg. wt., 2 oz. 38 R 68015

#### LECTROCELL DC POWER SUPPLY FOR VTVM's



Quickly replaces 1½ volt battery used in YTM's for resistance measurements. Requiar battery must be replaced at regular intervals. If it is forgotten the instrument may be ruined by chemical corrosion. Eliminate trouble by installing this power supply. Install it and forget it. Shpg. wt.,1/2 ib. 38 R 68023

#### CHEK-IT ELECTRICAL CIRCUIT TESTER



Here is a handy pocket size tester which is ideal for servicemen, schools, electricians is ideal for servicemen, schools, electricians and hobbylists. Completely portable and simple to use, checks electrical continuity of line cords, switches, colls, and fuses. Ideal for checking out buzzers, chimes, ano various other electrical appliances. Uses 2 inexpensive penlight cells. Shg. wt., 3 oz. 38 R 79087 Chek-It less batteries Net 1.88 Battery for "Chek-it." 2 required Net ea. .10

#### SHURITE AC/DC LINE VOLTAGE TESTER



Type 5406-LT. Sturdy, pocket sized tester has a range of 0-150 volts, AC/DC. Plug into any wall outlet and read the voltage. then plug in the appliance(s) and note the new reading. Find (and demonstrate) voltage drop or inadequate wiring as a source of service problems. Shog, wt., 8 oz. 38 R 61697

## **Bench Power Supplies—Battery Eliminators & Chargers**

### Lafayette SOLID-STATE REGULATED DC BENCH POWER SUPPLY



Automatic Protection Against Overload

 Continuously Variable Output Voltage 5-13, 12-20 VDC at 0-2 Amp

Output Voltage Regulation: + 1%

Lab-type regulated DC bench power supply with dual range voltage selector. Ideal for all types of transistor servicing and testing. Provides well filtered, continuously adjustable DC output of 5-13 or 12-20 volts. Fully regulated with continuous output current of up to 2 amp, with less than 5 mV RMS ripple at full load. Self-restoring overload protection. Two D'Arsonvola meters for constant monitoring of voltage and current output. Both input and output of power supply are fused for maximum protection. Input: 115 or 230 VAC ±10% 50/60 Hz. Housed in a rugged steel case. Size: 6VeH x 4VgW x 834°D. Imported. Shpg. wt., 9 lbs. 99 R 50775

EICO BATTERY ELIMINATOR AND CHARGER KITS

As Low As

No Money Down'





A 1060S

B 1064S

Net 79.95

Net 39.95

MODEL 1060S KIT. SPECIALLY DESIGNED FOR SERVICING ALL TYPES OF TRANSISTOR EQUIPMENT. Selection of voltage range automatically provides appropriate current range. Fused transformer primary. Continuous voltage adjustment with Variac. 2 DC ranges and dual-range ammeter for accurate readings. Ranges: high = 0-16V. 1.5% ripple at 2 amps. 2% at 6 amps. 6 amps. continuous, 12 amps intermittent: low = 0-8V. 0.3% ripple at 2 amps. 1.5% at 10 amps. 10 amps. continuous, 20 amps intermittent. Heavy-duty silicon rectifiers. For 105-125 volts 50/80 Hz A.C. All components and instructions included. 8½ x 10½ x 7¾". Shpg. wt., 17¼ lbs. 38 R 27284 Kit 38 R 27284 Kit

Model 1060S. As above, but factory wired and tested. 38 R 27292

MODEL 1064S KIT. IDEAL FOR TRANSISTOR, TUBE, "MYBRID" AUTO RADIO REPAIR. Features 2 DC voltage ranges, 6 or 12 V. DC. Separate voltmeter and dual range ammeter—up to 10 amperes continuous. Heavy duty silicon rectifiers. AC ripple: 0.3% @ 2 amperes. For 105-125 volts, 50/60 Hz; Size: 8½"H x 5¾W x 7½"D. Shpg. wt., 17 lbs. 38 R 27300 Kit

Net 59.95 Model 1064S. As above, but factory wired and tested.

See Page 22 for Full Credit Details on Easy Pay Plan

### **EICO MODEL 1032 SOLID STATE** REGULATED POWER SUPPLY

95

WIRED  $\mathbf{0}95$ 



- Regulated Against Line and Load Variations
- 0.30 Volts Continuous Output With Loads Up to 500 MA
- · Voltage and Current Monitored by Meters

Provides the voltages and currents most commonly needed in the service shop as well as in the engineering laboratory. Low ripple enables you to use 1032 for testing portable radios, tape recorders, hearing aids, etc. May also be used in the laboratory as a fixed bias supply or for fulfilling any other regulated voltage requirement. Milliameter is fused to prevent burnout. Specifications: Output Voltage: 0 to 30 volts regulated. Output Current: 0 to 500 ma. Voltage Regulation: 0.2 volts change from 0 to maximum load with 105-135 volt line. Ripple: less than 2.5 my peak-to-peak DC Voltmeter: 0-10 volts, 0.50 volts. Milliammeter: 0-500 ma. Power Requirements: 117VAC/60 Nz. Size: 3% x 8 x 434". Shpg. wt. 5 lbs. 38 R 27581 Model 1032 Kit. No Money Down® Net 44.95

MODEL 1032W: As above but factory wired and tested. 38 R 27599 No Money Down®

Net 59.95

EICO 1020 TRANSISTOR DC POWER AND BIAS SUPPLY KIT

95

APPLICATIONS INCLUDE:

1) Universal Power Supply For Transistor

2) Variable Bias Supply for TV or Radio

3) DC Filament Supply

3) De manient supply

Continuously variable output voltage to 30 volts monitored by a dual range voltmeter (0-6, 0-30 VDC). Ideal for servicing both tube and transistor gear. Maximum continuous output; 150 ma from 0-12V.; 200 ma from 12-24v.; 300 ma from 24-30v. Full-wave silicon-dfode rectifier circuit with R-C input filter plus two power transistors in a cascaded filter circuit, Fuse protects unit against overload. Rugged steel case, 4W x 5H x 54/2"D. For 105-125 v., 60 Hz &C.
38 R 26955 Model 1020 Kit. Shpg. wt., 5 lbs. Net 25,95

MODEL 1020W-As above but factory wired. 38 R 26963 No Money Down\*

Net 34.95 SENCORE BE156 7 IN 1 DC BIAS SUPPLY

ONLY



Now align any black and white, tube or solid state TV set. The BE156 bias supply provides the bias that you need in any stage, negative or positive, as specified by the TV manufacturers. Three separate and independent 25 volt supplies offer a carefully calibrated output and a positive and negative polarity switch; Also has provisions to increase the output to a negative 75 volts for use on such sets as the RCA chroma amplifiers that specify 67.5 volts. 7-W x 4-D x 2-H. Shpg. wt., 24/2 bs.



#### METER SPECIFICATIONS

ACCURACY: Standard ±2% on AC and DC POINTERS: Spade pointer is standard on all Phenolic series panel instruments. Lance type pointer is standard on G-series panel

D.C. INSTRUMENTS are the D'Arsonval type with linear scales, extra-light moving coll; rugged construction; Bar-Ring Magnet and 1 piece die-cast frames, A.C. Instruments are the moving iron vane type, and have light parts. Jewel types have selected bearings, highly polished and specially treated plvots; white enameled metal dials are standard; molded zero adjusters, and ce-ramic pointer stops.

Average shpg. wt., 11/4 lb.

## **Panel Meters**





321T

430 430-G



\* Indicates suspension type movement t indicates pivot and jewel type

METER DIMENSIONS Round Flush Mounting

Mod.	Flange	Body Dia.	‡Depth	Scale
221-1	211/4"	21/2"	156"	1.76"
231-5	211/4"	21/2"	1136	1.58"
321-T	31/2"	23/4"	156"	2.49"
321-5	31/2"	234"	113%"	2.22"
	Dantaga	ulas Clush b	Annahlma.	

Rectangular Flush Mounting Mod. Flange Body Dia. 10epth Scale 227-T 1.76" 237-5 23/8×23/8" 3×3" 234" 327-T 2.49" 3.16" 2.68" 320-G 342×3" 23/4" 330-G 337-S 34/2×3" 3×3" 2.22" 45/8×4%," 4.55×4.068" 420 4.03" 3.6" 3.43" 420-G

JOVERALL DEPTH INCLUDING TERMINALS

458x4%" 2%" 4.55x4.068" 2%"

2%" 1%" 2%"

#### DC MICDOAMMETEDS

Range	221-T 21/2" Rnd.	227-T 21/2" Rect.	Each	321-T 31/2" Rnd,	320-G 31/2" Rect.	Each	420 41/2" Rect,	420-6 41/2" Rect.	Each
0-50† 0-100†	38 R 73312	38 R 73320 38 R 73379	23.70 22.10	38 R 73338 38 R 73387	38 R 77735	24.80	38 R 73403	38 R 77800	25.90
0-2001	38 R 73411	38 R 73429	20.40					38 R 77826	22.60
0-500† 50-0-50*	38 R 73460 38 R 73510	38 R 73478	19.30	ALC: Y	38 R 77768	20.40	38 R 73502 38 R 73551	38 R 77834	21.50
100-0-100*	38 R 73569	38 R 73577	22.60	_	38 R 77784	23.70	_	38 R 77859	24.80
500-0-500*	38 R 73619	38 R 73627	21.50		-	min	38 R 73650	_	23.70

	221-T	227-T		321-T	320-G		420	420-G	
Range	21/2" Rnd.	21/2" Rect.	Each	31/2" Rnd.	31/2" Rect.	Each	41/2" Rect.	41/2" Rect.	Each
0-1	38 R 73668	38 R 73676	18.20	38 R 73684	38 R 77974	19.30	38 R 73700	38 R 78097	20.40
0-1.5	38 R 73718	38 R 73726	18.20		38 R 77982	19.30	38 R 73759	38 R 78105	20,40
0-5	38 R 73817	38 R 73825	18.20	38 R 73833	38 R 77990	19.30		_	-
0-10	_	38 R 73874	18.20	38 R 73882	38 R 78006	19.30		38 R 78121	20.40
0-25	38 R 73965	38 R 73973	18.20	38 R 73981	_	19.30	38 R 74013	38 R 78139	20.40
0-50	38 R 74021	38 R 74039	18.20	38 R 74047	38 R 78022	19.30	38 R 74062	_	20.40
0-100	38 R 74120	38 R 74138	18.20	38 R 74146	38 R 78030	19.30	- Chapter		_
0-200	_		_	1000	38 R 78048	19.30	38 R 74260	_	20.40
0-300	100 -	38 R 74336	18.20	-	38 R 78055	19.30	38 R 74369	38 R 78170	20.40
0-500			-	_	38 R 78063	19,30	38 R 74468	38 R 78188	20.40
0-750	38 R 74476	-	18,20	-		_		-	
0-1000	38 R 74526		18.20	38 R 74542	38 R 78089	19.30		_	_

#### DC VOLTMETERS

1000 Ohms Per Volt

Range	Model	Stock No.	Each
0-1	227T	38 R 75093	19.90
0-3	221T	38 R 75135	19.90
0-3	420	38 R 75176	20.10
0-5	420	38 R 75226	20.10
0-10	327	38 R 75267	21.00
0-15	327T	38 R 75317	21.00
0-15	420	38 R 75325	22,10
0-25	221T	38 R 75333	19.90
0-25	321T	38 R 75358	21.00
0-25	420	38 R 75374	22.10
0-50	227T	38 R 75390	19.90
0-50	420G	38 R 78253	22,10
0-100	321T	38 R 75457	21.00
0-150	321T	38 R 75507	21.00
0-500‡	227T	38 R 75697	21.00

tHas external Resistor

OC AMMETERS						
Range	Model	Stock No.	Each			
0-1	420G	38 R 77875	21,00			
0-3	321T	38 R 74641	19.90			
0-5	320G	38 R 77883	19.90			
0-10	221T	38 R 74724	18.80			
0-10	227T	38 R 74732	18.80			
0-10	420	38 R 74765	21.00			
0-15	221T	38 R 74773	18.80			
0-15	321T	38 R 74799	19.90			
0-15	327T	38 R 74807	19.90			
0-25	420	38 R 74864	21.00			
0-50	327T	38 R 74955	19,90			
0-50	420	38 R 74963	19.90			
0-50	420G	38 R 77917	21.00			

JBT MODEL 31-EXW-5 RELAPSED TIME METER
Records operating time of
AC equipment. Registers in
1/10th hour steps to 9,999.9
automatically resets. Flange
3½". mounts in 21½", hole, overall depth
3½". For 110-120V., 60 Hz, AC. Shpg. wt.,
1 lb.
38 R 67058

#### AC VOLTMETERS

_			-
Range	Model	Stock No.	Each
0-150	2315	38 R 77487	18.80
0-150	2375	38 R 77495	18.80
0-150	330G	38 R 77925	19.90
0-150	3315	38 R 77503	19.90
0-150	3375	38 R 77511	19.90
0-150	430	38 R 77529	21.00
0-150	430G	38 R 77933	21.00
0-250	430	38 R 77578	21.00
0-300	430G	38 R 77941	21.00

#### AC AMMETERS

AC AMMETERS						
Range	Model	Stack No.	Each			
0-1	2375	38 R 76604	17.60			
0-1	430	38 R 76638	19.90			
0-2	3375	38 R 76679	18.80			
0-3	430	38 R 76737	19.90			
0-5	2375	38 R 76752	17.60			
0-10	430	38 R 76836	19.90			
0-15	3375	38 R 76877	18.80			
0-15	430	38 R 76885	19.90			
0-25	2315	38 R 76893	17.60			
0-25	3375	38 R 76927	18.80			
0-25	430	38 R 76935	19.90			
0-25	430G	38 R 77958	18.80			
0-30	2315	38 R 76943	17.60			
0-50	430G	38 R 77966	18.80			
0-50	430	38 R 77040	19.90			

#### OC MILLIVOLTMETERS

Range	Model	Stock No.	Each	
0-50	227T	38 R 76059	18.80	
0-100	420	38 R 76133	21.00	
0-150	420	38 R 76182	21.00	

Amprobe Voltprobes VT 100 VT 124 9 50 14 85

#### (A) VT 100 AC/DC Probe

(A) VT 100 AC/DC Probe

For easy voltage readings anywhere—
anytime. Fits into shirt pocket. "Thermometer Style" Illuminated window indicates voltage level, AC or DC. Operates
over a wide 25-800 cycle range. Compact
unit incorporates a silding push-up probe
and a retractable probe with expanding
coli cord attached that permits measurements of points over 3 feet apart. Voltage Levels: AC 115-220-277-440-550
Volts, DC 15-220-400-500-750 Volts.
DC Polarity Indicator. Size: 6 x 2¼x x
3/4\* with probes retracted.
38 R 131 36 Shgg. wt. ½ lb. Net 9.50

#### (B) VT 124 AC Probe

Same as above but AC voltage levels only. Use for checking AC circuits including 24 and 48 VAC circuits in Cilmate Control Equipment, Switching Systems, Electric Garage Door Operators, and Industrial Equipment Control. Levels AC: 24.48.115-220-277-440-550 AC. Shpg. wt., 8 02.. 38 R 13144

GLASS FRONT Type 950

Range

0-1

0.3

0-5

0-8

0-10

0-15

0-25

0-50 0-50H

0.75

0-100

0.150

0-150H

0-300H 0-500H 38 R 60376

0-100H

3-0-3

CLEAR PLASTIC Type 850

Type 950 Each

38 R 60640 3.45

38 R 60657

38 R 60665

38 R 60673

38 R 60681

38 R 60699

38 R 60707

38 R 60715

38 R 60723

38 R 60731

38 R 60285

38 R 60293

38 R 60301

38 R 60319

38 R 60327

38 R 60335

38 R 60343 38 R 60350

38 R 60368

A.C. VOLTMETERS

0-10 38 R 59303 4.95

0-25 38 R 59329 4.95 0-50 38 R 59337 4.95 0-150 38 R 59345 5.15

0-300 38 R 59352 5.40

38 R 59311 4.95

OC VOLTMETERS

Net

3.45

3.45

3.45

3.45

3.45

3.65

3.55

3.65

3.65

4.15

3.85

4.15

4.35

4.50

A.C. METERS TYPE 850

Range Stock No. Net Range Stock No. Net

A.C. MILLIAMMETERS TYPE 850

Range Stock No. Net Range Stock No. Net

0.10 38 R 59170 5.05 0.100 38 R 59204 5.05

38 R 59196 5.05 0-500 38 R 59220 5.05

0-5



Net

3.55

3.55

3.55

3.55

3.75

4.00

3.65

0-500

0.500

Type 850 Each

38 R 61499 3.55

38 R 61507 3.55

38 R 61515

38 R 61523

38 R 61531

38 R 61549

38 R 61556

38 R 61564

38 R 61572

38 R 61580

38 R 61598 3.95

38 R 61606 4.25 38 R 61614 4.45

38 R 61622 4.60

A.C. AMMETERS

0-1 38 R 59238 4.85 0-3 38 R 59246 4.85

0-10 38 R 59261 4.85 0-15 38 R 59279 4.85

0-30 38 R 59287 4.95

0-50 38 R 59295 5.20

38 R 59253 4.85

SHURITE PANEL METERS

Economy model panel meters with fast response, excellent torque-

Economy model panel meters with last response, excellent twelf-to-weight ratio, long scales, and accuracy well within standard 5%. All have zero adjust. AC are double-vane repulsion type with jeweled bearings. OC are polarized-vane solenoid type or moving magnet construction. Require a 2% follow. "H" indicates high re-sistance. Model 850: Attractive plastic meters with 21% w2% "M Contain properties of the contained of the contained within the and pro-

-Crystal polystyrene front for exceptional visibility and pro-tection. Frosted finish interior. Model 950: Sturdy metal case,

3.55

glass front meters. Flange-mounted, Average shop, wt., 6 oz.

O.C. MILLIAMMETERS Each Range Type 950 Type 850 Net Each 38 R 60087 4 70 0.3 38 R 60822 3.90 38 R 60095 4.00 0.5 38 R 60848 38 R 60111 3.70 3.45 38 R 60129 3.55 0-15 38 R 60863 3.45 38 R 60137 3.55 0-25 38 R 60871 38 R 60145 3.55 0-50 38 R 60889 38 R 60897 3.45 38 R 60152 3.55 3.45 38 R 60150 0.150 38 R 60905 3.45 38 R 60178 3.55 38 R 60913 3.45 38 R 60186 3.55 3.45 0-300 38 R 60921 38 R 60134 0-400 38 R 60939 38 R 60202 3.55

#### 38 R 60947 3.45 38 R 60210 DC AMMETERS

	2 2 11111111 V 1111								
		Net		Net					
Range	Type 950	Each	Type 850	Each					
0-1	38 R 60954	3,45	38 R 60228	3.55					
0-3	38 R 60962	3.45	38 R 60236	3.55					
0-5	38 R 60517	3.45	38 R 60244	3,55					
0-8	38 R 60525	3.45		-					
0-10	38 R 60533	3.45	38 R 60251	3.55					
0-15	38 R 60541	3.45	38 R 60269	3.55					
0.25	38 R 60558	3.85	38 R 60277	3.95					
0-50	38 R 60566	3.85	38 R 61440	3,95					
5-0-5	38 R 60582	3.55		_					
6.0.6	38 R 60590	3.55		_					
10-0-10	38 R 60608	3.85	38 R 61457	3.95					
20-0-20	38 R 60616	3.85	38 R 61465	3.95					
30-0-30	38 R 60624	3.85	38 R 61473						
50-0-50	38 R 60632	4.05	38 R 61481	4.15					

#### RESISTANCE METERS

10,000 38 R 60392 3,85 38 R 61630 3.95 ohms O.C. MICROAMMETERS 38 R 61671 5.05 38 R 61689 5.15

#### ALL SHURITE METERS

FEATURE 1. 5% Accuracy

2. Zero Adjust

SHURITE BATTERY	TESTERS
Pocket testers with	-
bright plated cases, met-	6
al dials, and preds. Stur-	No.
dily built. Test batteries	-
without load. Ideal for	S. COL
testing batteries used	
in transistor circuits,	
model railroads, hearing	0 ,
aids, portable radios,	
etc. Shpg. wt., 6 oz.	
DC VOLTMETE	RS



#### FTERS

TYPE	RANGE	NET	
38 R 59709	0.5	3.80	
38 R 59717	0-7	3.80	
38 R 59725	0-50	4.35	
38 R 59733	0-2-50	4.95	
38 R 59774	0-2-150	4.95	

#### DC AMMETERS

38 R 59782	0·3	3.80
38 R 59790	0·15	3.80
38 R 59808	0·40	4.05
	0.0	

HEARING AID BATTERY TESTER Ideal for checking 1.5, 15, 22.5, 30, 33, and 45 volt batteries. 38 R 61648 Net 4.95



#### AC DC LINE VOLTAGE TESTER

Type 5406-LT. Sturdy, pocket sized tester has a range of 0-150 volts, AC/DC. Plug into any wall outlet and read the voltage, then plug in the appliance(s) and note the new reading. Find (and demonstrate) voltage drop or inadequate wiring as a source of service problems, Shpg. wt., 6 oz. 38 R 61697

#### All models pre-calibrated and accurate within 5%. Styled to enhance ap-

pearance of electrical equipment. Meter movements: DC meters-"HI-TORK" magnetic and AC maters mov ing iron type. Model 13. 1/4x11/4x21/a" all plastic design. Screw terminals with soldering lugs. Supplied with all mounting hardware. Avg. shpg. wt., 4 oz.

#### EMICO PANEL METERS DC AMMETERS

Stock No.	Range	Net
38 R 31773	0-10	3.30
38 R 31781	0.15	3.30
38 R 31799	0-30	3.30
38 R 31807	30-0-30	3.30
AC VOL	TMETER	RS
38 R 31542	0-150	5.05
38 R 31559		5.35
AC MILLI	AMMET	ERS
90 D 98333	0 500	4 50

5				DC MILLIAMMETERS				
	DC AOF	TMETE	RS	Stock No.	Range	Net		
	Stock No.	Range	Net	38 R 31377	0-1	4.40		
	38 R 32037	0.3	3.30	38 R 31385	0-5	3.55		
	38 R 32045	0-10	3.30	38 R 31393 38 R 31401	0-10	3.40		
	38 R 32052	0-15	3.30	38 R 31419	0-30	3.30		
	35 R 32060	0-20	3,30	38 R 31427	0.50	3.30		
	38 R 32078	0-30	3.30	38 R 31435	0-100	3.30		
	39 R 32086	0-50	3.30	38 R 31443 38 R 31450	0-150	3.30		
	AC A	MMETE	R	38 R 31468	0-300	3.30		
	38 R 32165	0.5	4.50	38 R 31476	0-500	3.30		

#### "SNAP-AROUND" CLAMP-ON AC VOLT AMMETERS WITH ROTARY SCALE

AS LOW AS





HINIORS

Amprobe meters measure AC current and AC voltage without Amprooe meters measure AC current and AC voltage without breaking the circuit. To measure current, snap the trigger-operated jaws around single conductor. Meter instantly indicates correct reading. Use furnished safety leads for voltage measurements. Rotary scale shows only scale in use. Accurate to ±3%. Designed for 60 cycle circuits, Have impact-proof cases, unbreakable plastic magnifying meter window, self-shielded meter movement. Complete with carrying case and voltage test leads. Shpg. wf., 134 lbs

#### AMPROBE RS-1

Meter measures: AC AMPS: 0-6-15-40-100, AC. Volts 0-150-600. Measures up to  $1\%_6$ " dia. conductors, to  $1\%_6$ " x 1/2" bars.  $7\%_2$ " long,  $2\%_6$ " wide,  $1\%_2$ " thick. Scale length  $2\%_6$ ". 38 R 13011 No Money Down\*

AMPRORE RS-2

Same as model RS-1 except has 0-150-300 volts AC range. Net 46.85 38 R 13029 No Money Down\*

#### AMPROBE DELUXE RS-3

Extra versatile probe also includes 0-2000 ohm range, 25 ohms mid-scale. AC Volts ranges 0-150-300-600, AC Amps 0-6-15-40-100-300. Includes case, ohmmeter, battery attachment and voltmeter leads.

38 R 13037 No Money Down\* AMPROBE JUNIORS

Lighter duty, smaller versions of standard Amprobes. Will measure up to 1/2" dia. conductors 43/4" long, 13/6" thick, 21/2" wide, 1.8" long scale. Rugged construction with ribbed, non-slip case. For 60 cycle AC. Shpg. wt., 3/4 lb.

STOCK NO. MODEL AC AMPS AC VOLTS NET PRICE 38 R 13052 Y25 0-25 0.125-250 25 85 38 P 13094 Y550 0-50 0-150-600 25,85 38 R 13102 Y500 0-100 0-150-600 25.85

Model P1-Carrying Case for Amprobe Juniors, Wt. 1/4 lb 38 R 1312E Net 3.50

Net 59.85

## **LAFAYETTE Panel Meters**

#### MINIATURE FM & AM TUNING METERS

- Moving Coil Principle
- Highly Sensitive

Only 3/4" Square and 1" Deep



Can be easily installed on any tuner. The remarkable sensitivity enables you to tune in stations with surprising ease. Galvanometer movement of the indicator assures complete accuracy. Insulation resistance between case and terminals; 100 megohms/ 500 V. Solder lugs are provided at the back Plastic case. Complete with instruction sheets. Shpg. wt., 2 oz.

#### FM TUNING METER

FM TUNING METER, Can be connected be-tween radio detector and AF amplifier. The Indicator will rest in the center when sta-tion is tuned in. Current sensitivity ±100 microamps on both sides DC. Internal resistance about 1200 ohms. Imported. 99 R 50262

Net 2.99

#### AM TUNING METER

AM TUNING METER, Can be connected into the second IF stage of AM radio, Graduated scale with maximum deflection of pointer indicating station being tuned in. Sensitivity 500 µa. on full scale, int, resistance about 410 ohms, Imported. 99 R 50254

#### LAFAYETTE MINIATURE LEVEL METER

- Highly Sensitive
- Front Panel Area Only 1/8Wx3/6"H
- **Rubber Cushion** Mount



A miniature clear plastic front level meter which will indicate relative audio levels for tape recorders, FM sets or transistor-ized audio equipment. Actual size of meter is 1% "Dx1Wx1"L. Internal resistance—260 ohms. Full scale 500 microamps. Shpg. wt., 2 oz. Imported

99 R 50361

#### ULTRA-MINIATURE TUNING AND BATTERY METER



ONLY %" IN DIA. 3/4" IN LENGTH

Ultra-miniature meter can be installed easily in a %" diameter hole. Current sensitivity: 500 μa; ±15% at full scale. Internal resistance: 500 ohms ±10%. Imported. Shpg. wt., 2 oz.

99 R 50353

Net 2.15

METER RECTIFIER



A full wave, economical meter rectifier of exceptionally linear characteristics. Universal electrical replacement for most multi-

### PANEL METERS WITH D'ARSONVAL MOVEMENTS







Jewelled Bearings

Accuracy 2% Full Scale

High quality, precision built meters with better than 2% of full scale accuracy. All meters have 4 threaded niounting studs in corners, zero adjust screw and clear plastic fronts except (B) which has black bakelite. Terminal polarity on DC models is identified. (A) standard 3900 ohm "B" scale VU indicator. Includes full wave bridge rectifier, built-in bulb. Ammeters are highly damped, use linear calibrations. Dimensions: (A), (B), —  $346^{\circ}$  square,  $2364^{\circ}$  Vigure and  $1166^{\circ}$  Vigure are the control of t

STOCK N	O. FI	G.	RANGE	EACH	STOC	K NO.	FIG		RANGE	EACH
99 R 504	129 I	3 0-50 3 0-1	Meter DC Microamp. DC Milliamp. DC Milliamp.	4.95 4.75 4.25 3.75	99 R 99 R 99 R	50551 50494 50478	000	0-100 0-50 0-15	DC Milliamp. DC Milliamp. DC Microamp. DC Volt AC-Volt	2.75 2.75 4.25 2.95 3.25

\*Standard 3900 ohm "B" scale volume indicator, 0-100% modulation scale, -20 to +3VU illuminated scale

#### MINIATURE LAFAYETTE VU METERS



ONLY

- Jewelled Bearings
- Precision D'Arsonval Movement

Precision VU meters with scale calibrated from -20 to +3 VU and 0-100% Ranges. Impedance: 7.5K ohms. Accuracy: ±0.5 db. Frequency Response: 25 to 10KC. With external zero adjust. Mount in 1½"D hole. Wt.,

99 R 50577 1%,×1%," .....

Net 2.99

#### LAFAYETTE MINIATURE ILLUMINATED VU METER



- D'Arsonval Movements
- Jewelled Bearings
- Accuracy 2% of Full Scale

Illuminated dial for easy, wide-angle read-ability at all times. Volume level indicator, calibrated in standard —20 to 4–3 VU and 0-100% ranges. Uses precision carbon film multiplier resistor and full wave rectifier. Damped in accordance with standard VU multiplier resistor and full wave rectifier. Damped in accordance with standard VU neter requirements, Reference level 1 mw in 600 ohm line, 3,900 ohms internal resistance, "0" VU is 1.228 volts sine wave AC across meter connected to 600 ohm source with 600 ohm load. May be used with T-pad attenuator. Size: 1½x13%" sq. face, 1½" overall behind panel. Imported. Shpg. wt., 5 OZ.

99 R 50247

Net 4.29



LAFAYETTE **EDGE-WISE** PANEL METERS

VU METER (A)

Has precision D'Arsonvel meter with 2% or better full scale accuracy. Calibrated and damped, Upper scale reads —20 to +3VU, Lower scale reads 0-100% modulation. Accurate to ±0.5VU from 30-15000 Hz. Size: 31/4Wx1"H. Overall depth is 31/2" behind panel including terminals, Has stud-type solder terminals and zero adjustment screw. Shpg. wt.,

99 R 50338

BALANCE & TUNING METER (B)
Use these precision moving coil DC Ammeter meter movements as stereo balance indicators or as funing indicators for FM funers, Pointer at center of the scale indicates zero rull position, Current Sensitivity:  $\pm 100~\mu a$  on both sides, Complete with installation schematics, Clear plastic case, Meter body:  $1\%_b \text{Lx} \text{Ly} \text$ 99 R 50346 Shpg. wt., 3 oz. Imported.

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## WOULD YOU LIKE TO OWN A LAFAYETTE ASSOCIATE STORE?

(See Insert Card next to Page 362)

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## ... for Your Complete Satisfaction

When you buy from Lafayette, you buy with confidence. Lafayette's pledge to you, of "Satisfaction Guaranteed or Money Refunded," is your assurance that we mean what we say. For 50 years we have kept this pledge to you . . . and shall continue to do so in the future.

#### LAFAYETTE AAA GUARANTY

#### LAFAYETTE HIGH FIDELITY SPEAKERS = 5 YEARS LAFAYETTE HIGH FIDELITY RECEIVERS = 2 YEARS LAFAYETTE HIGH FIDELITY TUNERS = 2 YEARS LAFAYETTE HIGH FIDELITY AMPLIFIERS = 2 YEARS

All Lafayette high fidelity components identified as covered All Lafayette high fidelity components identified as covered by Lafayette's AAA guaranty are guaranteed to be free of defects in material or workmanship from the date of sale for the time period shown above. During that period we will repair (or at our option replace) them without charge for either material or labor. Material must be returned prepaid to us for our inspection. This guaranty does not apply to items which have been subjected to misuse, abuse, alteration, repair without our authorization or used in violation of operating instructions, nor to normal wear and tear. The operating instructions, nor to normal wear and tear. The speaker guaranty does not cover external parts such as cabinets, grille cloth etc. Serial number must not be defaced. Guaranty is not transferrable.

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All merchandise not covered either by the special guarantees on this page or by other specific guarantees in the catalog are covered by a 90 day repair or replacement guarantee (at our option) against defects in material or workmanship.

#### LAFAYETTE AAM GUARANTY

This guaranty covers Lafayette items so indicated in our catalog which contain several integrated sections in a single unit such as compacts and integrated entertainment centers. The time period for each section is as follows:

SPEAKERS	5	YRS.
RECEIVER OR TUNER SECTION	2	YRS.
AMPLIFIER SECTION	2	YRS.
RECORDER SECTION	3	MOS.
CHANGER SECTION	3	MOS.

The terms and conditions of this guaranty are otherwise identical to the AAA Guaranty.

#### SATISFACTION GUARANTEED

If for any reason you are not satisfied with your purchase return it to us within 30 days in the original factory carton and we will exchange it or return your money (less transportetion charges). Merchandise returned must be in good condition and not soldered or abused—no holes drilled or changes made in any other way. This policy does not apply to kits, nor to pre-recorded tape, records, books or merchandise not regularly stocked that has been ordered especially for you.

### HOW TO RETURN MERCHANDISE

(Merchandise Returned Must be in New Condition)

We want you to be completely satisfied with every item you purchased from us. If there is an irregularity in your shipment and you find it necessary to return an item to us, follow these instructions:

#### PARCEL POST SHIPMENTS

Place all order papers, invoices, correspondence and your instructions in an envelope inside your package.



Pack the merchandise securely and send to: Customer's Service Dept. LAFAYETTE RADIO ELECTRONICS, 111 Jericho Turnpike, Syosset, L.I., N.Y. 11791





For your protection, report damaged receipts to your postman and enclose his report with your papers.

#### BY EXPRESS OR TRUCK

If your shipment is received damaged, obtain a report from your express agent or trucker, and mail to us. Wait until you receive our Instructions on how to return.

(NOTE-Merchandise not regularly stocked that has been ordered for you is NOT returnable for refund or exchange).



### IF IT IS NECESSARY TO WRITE US:

Before writing, please compare papers or invoices with merchandise received. You will find explanations on your order papers about how your order has been handled. Sometimes merchandise arrives before or after order papers. Please wait until you have both before writing. If you write, be sure to include all papers concerning the order. Please give names of items, catalog numbers, quantity, color, price, and any special information you think necessary. The more details you give us, the more quickly your adjustment will be made. On Easy Payment orders, be sure to include your EP account number on package and correspondence.

### Fast Direct Air Shipping Service To West Coast

The Following Area will now receive speedy air shipping service: LOS ANGELES.

No more than 4 day door to door delivery via United Parcel Service to California, Washington and Oregon.

Parcels utilizing this rapid service must weigh no more than 50 pounds and measure up to 108 inches in combined length and girth. This system applies if the service or rates are to your benefit.

#### SHIPMENTS OUTSIDE OF THE UNITED STATES

We ship all over the free world. Allow up to 60 days for delivery. Write to our international Sales Division for de-

### SHIPPING AND DELIVERY INFORMATION

#### HOW TO ESTIMATE PARCEL POST CHARGES



Less than 16 oz., all zones allow 8c for first 2 oz., 2c for each additional oz. Find the weight of your merchandise in the extreme left-hand column of the chart at right. Pay the amount listed for Parcel Post shipment to your zone. A fraction of a pound is charged as a full tb. For example, if the weight is 6 lbs. and 1 oz. to Zone 3, postage would be for 7 lbs. (1.10). Over 40 lbs. shpd, truck or exp. See below

#### AIR PARCEL POST SHIPMENTS

We will ship your order via Air Parcel Post upon your request. Rates are given in the table, below. Size and weight limits: 70 lbs. and 100 in. (length plus girth).

11c per ounce, up to 8 ounces

5

1.00 1.00 1.00 1.00 1.00

ZONES 1, 2 & 3 4

Extra Lb;	.48	.50	.56	.64	.72	.80
ORDERS UNDE	MINIMUM R \$5.00			-		.50
PARCEL P			to	15.00		20c 30c
HANDLING		50.01	to 1	00.00		40c

#### PARCEL POST SHIPMENT

Parcel Post Rate Chart Items Keyed "WUX" or "WX" are not shippable Parcel Post (Example = 18-0182WX). Figure Parcel Post Charges only for items not keyed WX or WUX. (See REA Express information.)

WEIGHT I, Lb, & Not Exceeding	Locat	I st & 2nd Zone up to 150 mi.	150 to	4th Zone 300 to 600 ml.	600 te	6th Zene 1000 to 1400 mi.	7th Zone 1400 to 1800 ml.	Sth Zone Over 1800 mi.
2	\$0.60	\$0.65	\$0.70	\$0.75	\$0.80	\$0.90	\$1.00	\$1.05
3	.60	.75	.80	.85	.95	1.10	1.20	1.35
4	.65	.80	.85	.95	1.10	1.30	1.40	1.60
5	.70	.85	.90	1.05	1.20	1.45	1.65	1.90
6	.70	.95	1.00	1.15	1.35	1.60	1.85	2.10
7	.75	1.05	1.10	1,25	1.50	1.75	2.10	2.35
8	.75	1.10	1.15	1.35	1.60	1.90	2.30	2.60
9	.80	1.15	1.20	1.45	1.75	2.05	2.45	2.85
10	.80	1.20	1.30	1.55	1.90	2.20	2.65	3.10
11	.80	1.25	1.35	1,60	2.00	2.30	2.85	3.35
12	.85	1.30	1.45	1.70	2.10	2.45	3.05	3.55
13	.85	1.35	1.55	1.80	2.20	2.60	3.25	3.80
14	.90	1.40	1.60	1.90	2.35	2.75	3.45	4.00
15	.90	1.45	1.65	2.00	2.45	2.85	3.60	4.20
16	.95	1.55	1.75	2.05	2.55	2.95	3.80	4.40
17	1.00	1.60	1.80	2.15	2.65	3.10	3.95	4.60
18	1.00	1.65	1.90	2.20	2.75	3.20	4.15	4.80
19	1.05	1.70	2.00	2.30	2.85	3.35	4.30	5.00
20	1.05	1.75	2.05	2.40	2.95	3.50	4.50	5.20
For Each	Add	Add	Add	Add	Add	Add	Add	Add
Extra Lb.	5c	5c	5c	10c	- 10c	15c	15c	20c

#### ABOUT C.O.D. ORDERS (Minimum Order \$10.00, 20% Deposit)

If you order C.O.D., the post office collects a handling charge, plus a money order fee, in addition to the regular parcel post charge. (We cannot accept COD's for APO's,

151.01 to 200.00

FPO's or for special-order merchandise). The extra C.O.D. fees are:

#### PARCEL POST C.O.D. FEES:

\$10.01	to	\$25.00	- 01
\$25.01	to	\$50.00	

1st LB.

CHARGE

\$ 50.01 to \$100.00 1.00 \$100.01 to \$200.00 1.10

600

### MONEY ORDER FEES:

From 10.01 to 50.00 From 50.01 to 100,00 .40

#### UNITED PARCEL DELIVERY

United Parcel Service Rate Chart (use if an \* appears next to Zip Code). Items Keyed "WX" are not shippable UPS. (See REA Express information.)

If your area is serviced by UPS and the service or rates are to your benefit, we will route your order via United Parcel Service. This fast, economical service is available for parcels up to 50 lbs. and 108 inches in length and girth.

#### ANY FRACTION OF A POUND OVER THE WEIGHT SHOWN TAKES THE NEXT HIGHER RATE

WEIGHT NOT TO		100			- 95			WEIGHT							
EXCEED	ZONE 2	ZONE 3	ZONE 4	ZONE 5	ZONE 6	ZONE 7	ZONE &	EXCEED	ZONE 2	ZONE 3	ZONE 4	ZONE 5	ZDNE 6	ZONE 7	ZONE 8
1 lb.	\$ .55	\$ .57	\$ .60	\$ .62	\$ .65	\$ .68	\$ .72	26 lb.	\$1.80	\$2.32	\$2.97	\$3.62	\$4.40	\$5.18	\$ 6.22
2 fb.	.60	.64	.69	.74	.80	.86	.94	27 lb.	1.85	2.39	3.07	3.74	4.55	5.36	6.44
3 lb.	.65	.71	.79	.86	.95	1.04	1.16	28 lb.	1.90	2.46	3,16	3.86	4.70	5,54	6.66
4 lb.	.70	.78	.88	.98	1.10	1.22	1.38	29 lb.	1.95	2.53	3.26	3.98	4.85	5.72	6.88
5 lb.	.75	.85	.98	1.10	1.25	1.40	1.60	30 lb.	2.00	2.60	3,35	4.10	5.00	5.90	7.10
6 lb.	.80	.92	1.07	1.22	1.40	1.58	1.82	31 tb.	2.05	2.67	3.45	4.22	5.15	6.08	7.32
7 lb.	.85	.99	1.17	1.34	1.55	1.76	2.04	32 lb.	2.10	2.74	3.54	4.34	5,30	6.26	7.54
8 lb.	90	1.06	1.26	1.46	1.70	1194	2.26	33 lb.	2.15	2.81	3,64	4.46	5.45	6.44	7.76
9 lb.	.95	1.13	1.36	1.58	1.85	2.12	2.48	34 lb.	2.20	2.88	3.73	4.58	5.60	6.62	7.98
10 lb.	1.00	1.20	1.45	1.70	2.00	2.30	2.70	35 lb.	2.25	2.95	3.83	4.70	5.75	6.80	8.20
11 lb.	1.05	1.27	1.55	1.82	2.15	2.48	2.92	36 lb.	2.30	3.02	3.92	4.82	5,90	6.98	8.42
12 lb.	1.10	1.34	1.64	1.94	2.30	2.66	3.14	37 lb.	2.35	3,09	4.02	4.94	6.05	7.16	8.64
13 lb.	1.15	1.41	1.74	2.06	2.45	2.84	3.36	38 lb.	2.40	3.16	4.11	5.06	6.20	7.34	8.86
14 lb.	1.20	1.48	1.83	2.18	2.60	3.02	3,58	39 lb.	2.45	3.23	4.21	5.18	6.35	7.52	9.08
15 lb.	1.25	1.55	1.93	2.30	2.75	3.20	3.80	40 lb.	2.50	3.30	4.30	5.30	6.50	7.70	9.30
16 lb.	1.30	1.62	2.02	2.42	2.90	3.38	4.02	41 lb.	2.55	3.37	4.40	5.42	6,65	7.88	9.52
17 lb.	1.35	1.69	2.12	2.54	3,05	3.56	4.24	42 lb.	2.60	3.44	4.49	5.54	6.80	8.06	9.74
18 lb.	1.40	1.76	2.21	2.66	3.20	3.74	4.46	43 lb.	2,65	3.51	4.59	5.66	6.95	8.24	9.96
19 lb.	1.45	1.83	2.31	2.78	3.35	3.92	4.68	44 lb.	2.70	3.58	4.68	5.78	7.10	8.42	10.18
20 lb.	1.50	1.90	2.40	2.90	3.50	4.10	4.90	45 lb.	2.75	3.65	4.78	5.90	7,25	8.60	10.40
21 fb.	1.55	1.97	2,50	3.02	3.65	4.28	5.12	46 lb.	2.80	3.72	4.87	6.02	7.40	8.78	10.62
22 fb.	1.60	2.04	2.59	3.14	3.80	4.46	5.34	47 fb.	2,85	3.79	4,97	6.14	7.55	8.96	10.84
23 lb.	1.65	2.11	2.69	3.26	3.95	4.64	5.56	48 lb.	2.90	3.86	5.06	6.26	7.70	9.14	11.06
24 lb.	1.70	2.18	2,78	3,38	4.10	4.82		49 lb.							11.28
25 lb.	1.75	2.25	2.88	3.50	4.25										11.50
			2.78	3.38	4.10		5.78 6.00		2.95 3.00	3.93 4.00	5.16 5.25	6.38 6.50	7.85 8.00	9.32 9.50	

Additional charge for each COD delivery, 65 cents-and each address correction, 65 cents.
WEIGHT AND SIZE LIMITS

Maximum Weight per package, 50 POUNDS. Maximum Weight of all packages from one shipper to one consignee in one day, 100 pounds. Maximum Size per package, 108 INCHES IN LENGTH AND GIRTH COMBINED.

Minimum charge for a package measuring over 84 inches in length and girth combined will be equal to charge for a package weighing 25 pounds.

### SHIPPING AND DELIVERY INFORMATION

Use our Order Blank . . To assure fast delivery fill in all information requested (Please Print). Always give your Zip Code! We'll send you new order blanks each time you order.

How to figure Shipping Charges . . . See ZIP CODE CHART to find your shipping zone. To calculate charges refer to PARCEL POST chart or UPS chart if an asterisk appears next to your zip code. We will ship the most economical or fastest way. Items not shippable by Parcel Post or UPS will be shipped separately by Railway Express.

Cash Orders . . . Please remit full amount, including amount you calculate for shipping charges, tax, handling charge or insurance. Do NOT send Currency or Stamps. We refund any excess.

COO Orders . . . Ordering by COD is more expensive for you. You pay an extra fee (see COD Chart). For COD orders you must send a 20% deposit and pay the balance when your package arrives, No COD's under \$10.00.

Easy Pay Orders . Indicate on the order black whether a "new" or "add-on" Easy Pay order and fill in all information requested on back of the order blank.

Shipping Weights . . . All weights shown in this catalog are as accurate as we can determine. Use these weights and rate charts to determine shipping charges.

#### USE YOUR ZIP CODE TO FIND YOUR SHIPPING ZONE OR UPS

This zone chart lists the first three digits (prefix) of the ZIP Codes of the sectional center facility of address. To determine the zone distance to a particular post office, ascertain the ZIP Code of the post office to which the

parcel is addressed. The first three digits of that ZIP Code are included in this chart, to the right thereof the zone. If an (\*) appears to the left of your zip prefix refer to UPS chart for charges, otherwise use Parcel Post chart.

Zip Code Prefixes Zone	Zip Code Prefixes Zon	Zip Code ne Prefixes	Zone	Zip Code Prefixes	Zene	Zip Code Prefixes	Zone	Zip Code Prefixes	Zone	Zip Code Prefixes	Zone
006-009 7	*080-086 2	*178-199	2	•339	6	*469	5	*577	7	756-762	6
*010-013 2	*087-089 2			*350-364	5	*470	4	*580-585	6	763-770	7
*0143	090-098 1	*200-218	3	*365-366	6	*471-472	5	*586-589	7	773	6
*015-018 2	*100-116 2	*219	2	*367-374	5	*473	4	590-593	7	774-775	7
*0193	*117-118 2	*220-238	3	*376	4	*474-479	5	594-599	8	776-777	6
*020-024 2	*119-127 2	*239-253	4	*377-386	5	*480-489	4	*600-639	5	778-797	7
*025-026 3	*128-136 3		3	*387	5	*490-491	5	*640-648	6	798-799	8
*027-029 2	*137-139 2	*255-266	4	*388-389	5	*492	4	*650-652	5		
*030-033 3	*140-149 3	*267	3	*390-392	Б	*493-499		*653	6	800-812	7
°0342	*150-154 4	*268-288	4	*393	5			°654-655	5	813	8
°035-043 3	*155 3	°289	5	*394-396	6	*500-503	6	*656-676	6	814	7
*044 ,4	*156 4		4	*397	5	*504	5	*677-679	7	815	8
*045 3	*157-159 3	*294	5			*505	6	*680-692 .	6	816-828	7
*046-049 4	*160-161 4	*295-297	4	*400-402	5	*506-507	5	*693	7	829-874	8
*050-051 3	*162-163 3	*298-299	5	*403-406	4	*508-519	6	*700-722 .	6	875-877	7
*052-053 2	*164-165 4		1/81	*407-409	5	°520-539	5	*723-724	5	878-880 .	8
*054-059 3	*166-169 3		5	*410-419	4	*540	6	*725-738	6	881-884 .	7
*060-067 2	*170-171 2	*325	6	*420-427	5	°541-549	5	•739	7	890-898	8
*068-077 2	*172-174 3		5	*430-458	4	*550·554	6	*740-749			
*078 2	*175-176 2	*330-334	6	*460-466	5	*556-559	5	750-754	6		
*079 2	*177 3	*335-338	5	*467-468	4	*560-576	6	755	6.	900-999 .	8

#### **REA EXPRESS INFORMATION**

Items not shippable Parcel Post or UPS are sent Railway Express. The Letters WX or WUX identify these items, DO NOT SEND MONEY for express charges with your order. Express charges are collected upon delivery at no extra cost to you. Insurance is included in your express rates. Be sure to specify your nearest Express Office if there is no agent in your town.

Zone	Local*	1 & 2	3	4	5	6	7	8
Pounds		0- 150 Miles	151- 300 Miles	301- 600 Miles	601- 1000 Miles	1001- 1400 Miles	1401- 1800 Miles	1801 & over Miles
1-25	\$ 8.30	\$ 9.20	\$10.50	\$11.50	\$12.80	\$14.10	\$15.50	\$18.40
26-50	8.90	10.30	12.10	13.70	15.60	17.70	19.60	24.10
51-75	9.50	11.40	13.90	16.00	18,40	21.20	23.80	29.90
76-100	10.10	12.40	15.50	18.10	21.10	24.60	27,90	35.30
over 100	ibs.							
Add per II	b10c	.12c	.15c	.18c	.21c	.24c	.28c	.350

#### TERMS:

The prices listed in our catalog are net. All trade and cash discounts have already been deducted;

All Prices are net, F.O.B. shipping point, PRICES, SPECIFICATIONS AND CONDITIONS OF SALE ARE SUBJECT TO CHANGE WITHOUT NOTICE.

Parcel post & UPS charges should be included with fully paid orders. We tefund any not used.

Please do not send currency or stamps.

#### EXPORT ORDERS

Minimum acceptable order \$10.00 in U.S. Currency. All prices are net F.O.B. our warehouse and subject to change without notice. Allow 20% over merchandise value for shipping costs. Overpayments are promptly refunded.

Parcel Post to APO and FPO Addresses are considered Domestic Mailings. Use Zone 1 & 2 Rates for New York, Zone 8 for San Francisco & Seattle.

C.O.D. orders are not acceptable out side continental Limits of the United States, Each order must be accompanied by payment in Cash or U.S. Dollar Draft Payable at a U.S. Bank, Foreign Currencies are not acceptable.

We Reserve the right to Route order by the best method where order does not indicate routing or when method suggested is impractical or not possible. Enclose import license and/or consular Declaration where so required by your Government

Prices and Specifications are Subject to Change Without Notice

# Closed Circuit TV, INTERCOMS and PAGING Systems



**Deluxe Solid State Closed Circuit** 

For Sales Promotion For Security No Money Down For Surveillance

Use With Any Home TV Set or Commercial Monitor.

Switchable Output Signals, Composite Video; up to 2.2v P-P at 75 ohms, RF Modulated: 50 mv

Automatic Eye

 Provision For Intercom Permits Simultaneous Sound with RF Video Signal

High quality, moderately priced CCTV camera that has unlimited mv at 75 ohms; Scanning frequencies; Horizontal-15,750 kHz Verapplications in industry, business, education, institutions, and the tical-50-60 Hz synchronized to power line. Horizontal resolution home. Easy to install all cables supplied are terminated with commore than 400 lines at center. Vertical resolution: more than 280 necting plugs and leads. Simple to operate—can be used with either lines at center. Camera comes complete with 25 mmf/1.8 lens with a commercial video monitor or any standard television set. Solid adjustable Iris, C-mount, lens cap, vidicon cap, 32 ft. 75 ohm twin a commercial video monitor or any standard television set. Solid adjustable Iris, C-mount, lens cap, vidicon cap, 32 ft. 75 ohm twin state circuitry-power consumed is very low. Provides cool and de. lead. 75:300 Hz. Size: (less lens) 6¼H x 3¼W x 10½\*°D. spicuous mounting. Once focused, the camera needs no further 44 R 08019WX Imported. Shpg. wt., 9 lbs. ... Net 199.95 attention. Automatic Eye (through the lens light control). Provisions Heavy Outy Tripod for CCTV Camera. Shpg. wt., 3¾ lbs. ... Net 12.95 rot hooking up an intercom for intercommunication between CCTV 15 R 68021 ... Net 12.95 camera and television receiver location. Specifications: Composite tassed on standard television test chart with 300 lux illumination video output: 1.45 PV PV to 2.2V PP, RF modulated: more than 50 at center.

#### LAFAYETTE 7735A VIDICON TUBE FOR CLOSED CIRCUIT TV CAMERAS

A small 1" diameter camera tube for televising live scenes in many industrial closed circuit TV systems. Its high sensitivity produces high quality pictures under normal room or industrial area lighting conditions. Has 600 to 900 line resolution, Size: 64% t x 1" dia. Imported. Shog. wt., 5 oz.

99 R 36022L

Net 49.95

No Money Down\*

Widely Used in Concord. Panasonic, Unimetric and Other CCTV Cameras

### 'PAGE ALL' 5 WATT PAGING/PHONE SYSTEM



For Offices, Stores, Supermarkets, Warehouses, Restaurants: Where the Key Person You Want is On The Go!

Localized Paging Eliminates 'Blasting' Over a PA System

Wide Area Coverage-20 Station Capacity

Telephone Unit Only

Any one of the PT-7 phones in the 'Page-Ail' system can initiate a page call. This call is heard through a built-in speaker at every phone in the system. Called party picks up nearest phone and is immediately in direct contact with caller, automatically cutting off page. 'Page-Ail' is a common talking system, therefore, anyone can join in existing conversation by picking up any handset. No one can page through the system while a conversation is proceeding. Up to 20 stations may be installed in the system. In the event that it is required to extend the page call through large and noisy areas for which the sound from the phones is inadequate, a higher power PA amplifler may be added to the system. The page call is then heard over the loudspeakers of the PA system in addition to the phone speakers. Sultable for desk or wall use. High Impact styrene. Size: 9½ x 3 x 3½°. For 117 VAC, 60 Hz. Ut listed, Cable required: a 6-conductor cable regardless of the number of phones in the system. MOOEL PT-7. Paging Telephone Unit. Shoe, wt 3 lbs. MODEL PT-7, Paging Telephone Unit. Shpg. wt. 3 lbs. 44 R 30336 Each Net 27,00

MODEL APS-5. Amplifier and Power Supply. One reg'd. Shpg. wt., 6

44 R 30344 No Money Down\*

Net 58.50

#### SECURITY INTERCOMS AND VIEWERS

PROTECTO-COM SOLID STATE DOOR ANSWERING INTERCOM SYSTEM



Includes:

Master Amplifier Control Station

1 Door Station
1 16 Volt Transformer
50 ft, of 2 Conductor Cable
All Hardware Necessary For Installation

• Provides Protection-Identify Callers Without **Opening Doors** 

A complete door answering intercom system designed for installation in new or existing homes. Easy-to-use "talk-listen" switch on master. Protects residents from unwanted callers. Inexpensive and easily installed. Comes complete with Master station, door station, transformer, 50 ft. of 2-conductor cable, and all hardware necessary for installation. Shgg. wt., 4 lbs.

44 R 37059

Complete

32 R 30521 Extra 100 ft. coil of wire, Wt. 1/2 lb.

#### ONE WAY DOOR VIEWER

Permits thru-the-door identification without being observed. One way viewing only—you can look out, no one can see in. Provides wide-angle view—you can see anyone standing or crouching even at the side of the door. Installs quickly with a simple hand drill. Requires 1/2" in diameter. Length adjusts to fit any standard door thickness up to 144" thick. Cannot be removed from the outside. Rust-proof. Zinc die cast. Wt. 4 0.2



## **Electronic Burglar, Warning Systems**

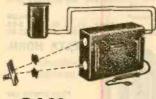
WORNER MODEL 4000 **ELECTRONIC "WATCHMAN"** 



Economical indoor alarm system. Consists of exciter lamp unit and matching electronic relay, in attractive hammerloid cases. Exciter unit has 2 prefocused fo lenses for maximum light dispersion, infra-red filter to furnish invisible beam. Relay unit has toggle switch choice of momentary or continuous alarm operation, outside light rejector, sensitivity control. Built-in 6V. A.C. Dower supply permits use of extend decepower supply permits use of external electrical alarms. Ranges: white light 50', invisible light 35'. Size each unit 5x5x5½". For 110-120 V. 50-60 cycle AC. Total shpg. wt., 121/4 lbs. 12 R 88042 No Money Down\*

. Net 101.88

#### WORNER ELECTRONIC RECEPTIONIST



With

#### No Money Down

MODEL 61 ANNOUNCER. Consists of "Foto-electric" unit, chime and mirror. Chime rings when light beam is intercepted. Unit has exciter lamp which projects beam across passage, and photocell which receives repassage, and photocell which receives le-flected beam from mirror; mby be placed up to 10' from mirror. 8¼x6½z2¾". For 110-120 V. 50-60 cycle A.C. Shpg. wt., 8¾ lbs. 12 R 88018 Net 61.86

#### **WORNER MODEL 5150 ELECTRONIC BURGLAR ALARM**



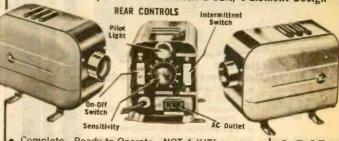


Indoor detection system. Infra-red beam operates amplifier up to 150 ft. Removable red filter. Both units have on-off switch. Amplifier relay unit features sensitivity control, extraneous light shielding and lock. Only keyholder can turn off alarm or reset trap. Steel cases. Light source 4\(\frac{1}{2}\times 4\(\frac{1}{4}\times 7\), amplifier 5\(\frac{1}{6}\times 7\times 7\times 7\(\frac{1}{4}\times 7\times 7\), with spit door, hinged bottom. For 110/120V 50-60 Hz. Shpg. wt., 13 lbs. 12 R 88059W No Money Down\* Net 168.90

WORNER ACCESSORIES 60-1130 REPLACEMENT BULB 6 V., 32 CP., 2000 hours. For models 61, 4000, and 5150 12 R 88026 Shpg. wt., 3 oz. Net .95 EXTRA CHIME for Models 61 and 4000 and any other 6 VAC power source. Serves as an excellent warning device. 12 R 88034 Shpg. wt., 11/2 lbs. Net 7.41

LAFAYETTE PHOTO ELECTRONIC RELAY SYSTEM

Includes Photo Cell Receiver Plus Electronically Operated Relay Plus Exciter Lamp — — Efficient 2-Unit, 3-Element Design



Complete—Ready to Operate—NOT A KIT!

Operates Bells, Buzzers and Counters

The Perfect "Guard" for Homes, Stores and Industry Removable Infra-Red Filter For "Invisible-Light" Operation

The Lafayette Photo-Electronic Relay is your key to an inexpensive indoor warning or counting system. Consisting of a rugged exciter and relay unit and operating on 110-120V AC, it can be connected to signal persons entering a room, counting people or merchandise or function as an effective alarm system to warm of intruders. Effective up to 48 feet (with of function as an effective aiarm system to warm of intruders, Effective up to 48 feet (with-out filter, 18 to 20 feet with filter, relay unit has a convenient variable sensitivity control and switch for intermittent alarm operation. Exciter has removable infrared filter. Mounts easily across area to be supervised. Metal case. Size: 41/4Hx3Wx41/2\*D, Imported.

99 R 90821 Shpg. wt., 4½ lbs. 99 R 90276 6 Voit 20 Watt Replacement Bulb

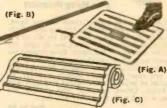
Net 19.95 Net .49 ea.

ACCESSORIES FOR ABOVE

99 R 90235 Electric Bell, 110V AC. Shpg. wt., 12 oz 99 R 90110 6-Digit Electric Counter. Shpg. wt., 1 lb.

Net 2.95 Net 12.95

#### TAPESWITCH MATS-STRIPS



(Fig. A) Tapeswitch Flexible Switch Mats. Less than 5 lbs. pressure activates these mats. Although rated and tested at 1 amp., 117VAC for floor switching, 24-volts or less is recommended. Only 3/2" thick; water-resistant durable cavering. Shop. wt.: 17 x 23" mat, 1½ lb.; 6 x 23" mat, 1¾ lbs. 17 x 23" Mat with 6' Cord. 33 R 56010 Net ea.

Net ea. 14.95 6 x 23" Stair Tread Mat with 18" Lead. 33 R 66028 Net ea.

(Fig. B) Tapeswitch Ribbon Switches. These (Fig. 1) Tapeswitch Ribbon switches, inese "Press at any point" switches can be activated with only 12 oz. of finger pressure. Normally open, momentary contact type with 4' leads. Moisture-proof chrome yellow vinyl cover. Only 3," thick. Rated 1 amp., 117 VAC or 28 VDC. Shpg. wt.: 2' length, 7 oz.;

5' length, 7 oz. 33 R 66036 2' length 33 R 66044 5' length Net ea. 8.18 (Fig. C) Cut To Length Switching Runner. 5-ft. long x 30" wide x 1/4" thick and can be cut to any length, 5 lbs. nominal foot pressure. Solder or twist connections easily made. Excellent extended area signaling for made. Excerem extended area signating for concealed indoor alarms and controls. Switching elements on 2%" centers are wired in parallel and encased in a polyethylene envelope. For indoor use only. Install under rug, rubber runner, mat or tile. Wt., 214. lbc. 21/2 lbs. 33 R 66077

#### CHIME ANNUNCIATOR KIT



Guards Against Theft

Signals entrance into office, store or shop by ringing chime. includes concealable mat 18x24x1/2" thick, 2-note chime, transformer, wire and instructions. Shpg. wt., 4 lbs. 33 R 66051 Net 26.95

SECURITY TRAVEL LOCK



For salesmen, and travelers whenever a portable lock is needed. Fits doors, cabinets without permanent installation or tools. Stainless bar and chrome finish. 14 R 44512 Shpg. wt., 3/4 lb. Net 2.95

See Page 22 for Full Credit Details on Easy Pay Plan

Lafayette Cat. No. 720 419

## **Ultrasonic Intrusion Alarms**

#### DELUXE ULTRASONIC INTRUSION ALARMS



**Protects Your Home or** Business Against Thieves, Prowlers, Vandals

- Easy Plug-In Installation
- 12 Volt Standby Battery Input
- Ultrasonic Beam Covers an Entire
- Turns on Lamps, Rings Bell-Siren

Protects with invisible, inaudible ultrasonic waves that saturate an elliptical zone up to 30 ft. In front of unit, depending on shape and contents of area. No special wiring ... easily concealed and sets up in minutes. Automatically arms itself 15-25 sec, after it's turned on to permit you to leave without actuating the alarm. Operational mode includes immediate lights on and bell/siren after 10-20 seconds. This feature permits you to re-enter protected area. Lights and bell/siren remain on for 50-75 sec, and then the unit automatically resets for full time protection, Control circuit has provisions for use of 12 yout emergency battery in case of power failure. Controls: resets for full time protection, Control circuit has provisions for use of 12 volt emergency battery in case of power failure. Controls: range/sensitivity, off/on switch, Operates on 117 VAC, 60 Hz, Size: 10½x444x1". See accessory siren below. Shpg. wt., 3¼ lbs.

12 R 87069 No Money Down\*

12 R 87064 3½" Bell for above. Shpg. wt., 1 lb. ..... Net 5,95

12 R 87051 Deluxe 6" Bell for above, Wt., 3¼ lbs, Net 22.95



### ULTRASONIC INTRUSION ALARM

Protects Your Home or Business Against Intruders and Burglars

- · Easy, Plug-In Installation
- · Turns On Lamps. Rings Bell-Siren

Will protect doorways, rooms, or any area that an intruder may enter. Ultrasonic beam covers an area up to 15-30 ft. in front of unit depending on shape of room and contents. When area is entered, lights, belisten or both are turned on to give a visual

siren or both are turned on to give a visual and audible alarm. Can be set as a convenience monitor to turn light on when you enter a room; shuts off 3 min, after you leave. Sensitivity/range and position easily set to allow pets to enter, Variable timer allows alarm to remain on from 8 sec, to 3 min, awring necessary; lights or bell-siren plug directly into unit. Handles up to 575 watts; 117VAC at 5 amps. Alarm system turns on 10 sec. after you activate system to allow you to leave area. Controls: on/off switch, sensitivity and range. Size: 10-9x394x394x". Aftractive walnut finish, Requires 110-130 VAC, 60 Hz, Shpg, wt., 3 lbs. See optional unit below which provides a built-in horn and a 20 sec, delay of bell-siren for extra time to enter protected area. See accessory siren below.

12 R 56510 No Money Down\*
Net 64.95
12 R 87044 3½" Bell for above. Shpg. wt., 1 lb. Net 5.95
12 R 87051 Deluxe 6" Bell for above. Wt., 3¼ lbs. Net 22.95

### ON-GUARD PROFESSIONAL DOOR BURGLAR ALARM

For: Apartment-Store-Home-Office



- · Fits All Doors
- · No Lock Hole in Door
- No Wiring Necessary

Fully transistorized, battery operated burglar alarm for the home, apartment, store, and office. Universal mounting fits any door. Push-button control is provided for manual alarm to signal for aid at any time, another control has been included to permit you to open the door from the inside without setting off the alarm. Upon closing the door alarm is automatically reset. Silde switch control can be set for instant, or, 20 second delay before alarm sounds. Key operated switch controls on/off and reset functions, Mounts instantly, no wiring required. Constructed of heavygauge, anodized aluminum with neutral sand colored flinsh. Comes complete with battery and mounting hardware. Size: 44°z x8 x3". Shog. wt., 44°d lbs. 14 R 13509

Net 34.95



**DELTA HORN**  Combination Horn/Delay

> Plugs directly into above intrusion alarm. Provides delay of 20 sec. before built-in horn or external bell are activated

to allow entering protected area and turn-ing off alarm, internal horn operates inter-mittantly (10 sec, "on", 5 sec, "off"); external bell operates as long as above alarm is on, With built-in AC outlet, line cord and plug, Handles up to 575 watts; 115 VAC at 5 amps. Size: 31/4x31/4x34/4".

12 R 56528 Shog, wt., 13/4 lbs. Net 24.95

### 110-VOLT POLICE TYPE SIRFN



Provides a sharp penetrating sound which can be heard at a great distance. All rotating parts are precision balanced, extremely durable and may be used outdoors when housed in Siren cabinet below. Siren features: Spun aluminum trumpet with heavy-duty motor and mounting bracket, ideal for ultrasonic alarm systems above and for use with alarm systems in homes, stores and factories, For 110 V. 50/60 cycles, 1 amp. Size: 5¼" x 8"L. Shpg. wt., 5 lbs. 14 R 13574 Net 16.95

SIREN CABINET FOR MOUNTING

SIREN OUTDOORS Size: 6x8x101/2", Shpg. wt., 3 lbs. Net 4.95

# Requires For Window No Wiring

#### BURGLAR LOCKALARM

Automatically locks when unauthorized forced entry is attempted, plus emits a plercing sound capable of awaking the entire household. Inconspicuously mounts on doors. and windows in minutes with only a screw-driver. Uses a single penlite AA 1½ volt battery. Complete with mounting hardware, horn, and latch mechanism. Shpg. wt., 1 lb.

14 R 63504 Net 3.95 99 R 62580 Battery for above Net .10



MALLORY SONALERT ELECTRONIC AUDIBLE SIGNAL DEVICE Solid-state circuitry, no mechanical wear-no-arching-no RF noise. Small Solid-state circuitry, no mechanical wear—no-arching—no RF noise. Small size, lightweight, and low current drain allow them to be used in most circuits where warning devices are needed. Type SC628P has pulsating tone. Extensively used in fault alarms in computers, fire signals, instruments, appliances, and communications as well as telephone signals and protection equipment. Application possibilities are limitless. Size: all 1½," dia. x .781" long except, † are 1.38" long. Installed weight: all 1¼ oz. except ‡ are 2 oz. All Models manufactured with silicon transistors, allowing operating temperatures of —40° to +185° F. Shpg. wt., 5 oz.

Stock No.	Type • No.	Operating Voltage	Freq.	intensity DB	Current MA.	Net 1-24	Each 25-49
12 R 74018	SC628	6-28DC DC	2800	68-80	3-14	5.50	5.40
12 R 74026	SC628H	6-28DC	4500	68-80	3-14	6.35	6.25
12 R 74034†‡	SC628P	6-28DC	2800	68-80	3-14	9,95	9.75
12 R 74042†‡	SC628A	6-28AC/DC	2800	68-80	3-14	8.75	8.60
12 R 74067†‡	SC110	110 AC	2800	80	14	8.75	8.60

## PREVENT TOMORROW'S LOSS BY PROTECTING TODAY

#### **EMERSON-RITTENHOUSE** PROFESSIONAL INTRUSION SECURITY SYSTEM







No Money Down

Automatic Intruder Protection

Provides reliable automatic operation that's always alert an intruder and sounds the alarm at the trip of the sensitive detectors. Unit surprises intruder with an alarm that can't be silenced by closing window or door, Alarm sounds off until manually reset at the control panel, Features tamperproof detection with "lock-in" automatic alarm, manual alarm switches for push-button signaling, and gold anodized control panel with activation light off-on control, and alarm reset switch panel massures only 150%. and alarm reset switch, Panel measures only 4%"x4%" and mounts In a standard 2-gang efectical box, Control panel may be concealed in closet, etc. Package includes security control panel, indoor alarm horn, three flush magnetic door/window switches, two manual.alarm pushbuttons, and power transformer. See Accessories Below.

13 R 83504 Shpg. wt., 41/4 lbs. Net 49.95

### ACCESSORIES FOR ABOVE SECURITY SYSTEM

OUTSIDE KEY-LOCK CONTEDL. Permits pro-OUTSIDE KEY-LOCK CONTROL, Permits protection while owner is away from home. Indicator light illuminates to confirm system is activated. Mounts on standard single. gang box, Tamperproof. \_\_alarm sounds if intruder removes panel, Stainless skeel finish, Dimensions: 4½-718/24, 74.
13 R 83546 Shpg. wt., 3a lb. Net 24.95 S-Conductor Cable for above control, 40 ft.
13 R 83611 Shpg. wt., 12 oz. Net 3.39

DUTSIDE BEACON ALARM HORN, Provides warning light and alarm horn in one integral unit, Designed for installation outside of home. Tapered red cylindrical lens, Back plate dimensions: 4½° x 6¼°. Mounts on single-gang 3¼° or 4° outlet box. Extends from wall 4¾°. Brushed aluminum.

13 R 83579 Shpg. wt., 3 lbs. Net 21.95



0

WIRE FOR ABOVE ALARM SYSTEM 18 Gauge Single Conductor Wire For Window and Door Switches 13 R 83512 200 Ft. Roll. Shpg. wt., 2½ lbs. No. Net 4.25 18 Gauge 2-Conductor Wire For Indoor Alarm Horn, Beacon Alarm Horn, and Alarm Push Button. Shpg. wt., 3 lbs. 32 R 36288 100 Ft. Coil Net 2.90

SECURITY SWITCHES FOR CLOSED C (A) CIRCUIT ALARM SYSTEMS

A DOOR/WINDOW SECURITY SWITCH, For flush mounting in door and double hung wooden window frames. Need not be mortised, fits 34" hole. 14-R 13525 Shpg. wt., 4 oz. Net 1.50

B MAGNETIC DOOR/WINDOW SECURITY SWITCH, For use where Buface mounting is necessary.

The River mounting is necessary.

Net 1.99
14 R 13533 Shpg. wt., 4 oz.
16 GEMERAL PURPOSE WIRDOW SECURITY SWITCH. Surface mount the all windows, Ideal for sliding windows and screens.

Net 1.50
Net 1.50

#### **GULTON FIRE ALARM**

 Always Fully Charged

Built-in 117 VAC charging circuit keeps internal batteries up to full power. Never needs replacement batteries. Works even the event of a power failure. Loud continuous alarm sounds when room temperature reaches danger level (126° 440°). Convenient test button allows periodic checking of unit 14 R 14507 Shpg. wt., 34 lb. Net 12,95



On-Guard PROFESSIONAL SELF-CONTAINED SOLID-STATE BURGLAR ALARM SYSTEM





· For Homes, Offices, Plants, ect.

WeatherProof





Net 2.30

Exit/Entry Switch

Guards windows, doors or other entry points by sounding an extra loud 8" bell, upon intrusion. Self contained battery, bell, and master circuit are housed in a durable weatherproof grey hammertone box that has a built-in tampering protection circuit. Clipping wires or opening the outer box, as well as entering the protected windows or opening the outer box, as well as entering the protected windows or doors will sound the alarm, Sound continues until you turn it of by way of a dust proof key lock switch, Includes four sets of magnetic switches, Features key switch to permit exit and re-entry without sounding alarm. Panic button, which also operates as a test button, may be used to manually indicate an emergency. Operates on a standard 12-volt lantern battery, not supplied. Includes instructions, decal, 2 keys, and 100 feet of wire, Shpg, wt., 18 lbs.

14 R 1358W No Monrey Down\*

100-Feet of Additional Wire, Shpg, wt., 3 lbs.

Net 2.90

14 R 13566 Net 2.90

12-volt Battery For Above (1 Req.) Wt., 3/4 lb. 32 R 47772

#### NuTone **SOLID-STATE INTRUSION** ALARM SYSTEM

4 95 only

· Automatic Time Delay Switch Lets You Exit Or Re-Enter Without Setting Off Alarm

 Key-Controlled And Tamper Proof Battery Test Indicator Light

Electronic Early Warning System against intruders. Use in your home, office or on business premises. Powerful horn blast. Installs ness premises. Powerful horn blast. Installs easily, no special tools required, the system is key controlled, once triggered it cannot be silenced by pulling off switches or cutting wires. Uses inconspicuous switches on doors and windows. Up to fifty additional switches can be attached to the master unit. Complete with one magnetic contact switch, set of keys, 30 ft, of wire and instructions, Requires 3 "D" batteries. Size: 12" x 33%" x 1%". See additional switches on this page.

switches on this page. 14 R 29505 Shpg. wt., 3 lbs. 60 Ft. Additional Wire. Shpg. wt., 10 pz. Net 34.95

14 R 29521 Batteries For Above (3 Req.) Wt., ea. 5 oz. 99 R 63661

95

#### FIRE ALARM

 No Batteries— No AC Plug

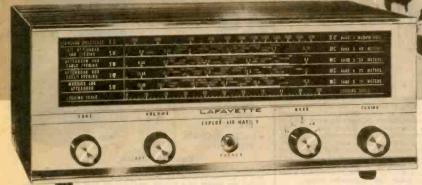
Powered by its own self-contained hermetically sealed electronic energizer. Loud plercing siren sounds off for 2 hours or more. No maintenance—requires replacement only after activated by fire, Special sensor tip will trigger alarm when temperature reaches 135° F. Easily installed on walts done or callings here in fisher. walls, doors, or ceilings, Ivory finish 14 R 17500 Shpg. wt., 1/2 lb



 Tiny and Power ful: Only 2" x 21/4

See Page 22 for Fuil Credit Details on Easy Pay Plan

The World At Your Finger Tips!



BRING HISTORY MAKING NEWS INTO YOUR HOME . FROM THE FAMOUS CAPITALS OF THE WORLD!

Only

No Money

Down\*

# LAFAYETTE Explor-Air Mark V Shortwave + AM Broadcast Receiver



#### Broadcast + 4 Exciting International Shortwave Bands

- 550 to 1600 kHz . 9.45 to 9.8 MHz
- 5.9 to 6.25 MHz 11.45 to 12 MHz
- 15.05 to 15.5 MHz

#### SUPERHETERODYNE - Not Super-Regenerative!

Listen to world-wide exciting current events right in your own home . . . hear the actual broadcasts from the major news centers around the world in English and foreign languages; BBC London, Radio Moscow and many others.

The Explor-Air Mark V receiver is refined in its ability to bring in stations loud and clear and features simplicity of operation. In addi-tion to the standard AM broadcast frequencies, the receiver is de-signed to tune the popular international shortwave broadcast bands on 49, 31, 25 and 19 meters (each band occupies a select portion of the full shortwave spectrum) through the use of individual tuned circuits for each of the five bands. For greater ease of tuning on con-gested bands each shortwave band has been extended to cover the entire width of the 0 to 100 logging scale.

#### NOT A KIT- COMPLETELY WIRED

Operating features on the receiver include a self-contained 4" dynamic speaker, built-in loopstick antenna, large illuminated slide-rule dial calibrated in frequency and indicating place names, a front panel calibrated in frequency and indicating place names, a front panel headphone jack for optional silent listening, controls for Volume Off, On, Tone and Band Selection, plus rear panel connection for external shortwave antenna. SPECIFICATIONS: Full coverage on 5-bands; AM Broadcast (0.55 to 1.6 MHz), and International Shortwave on 49 Meter (5.9 to 6.25MHz), 31 Meter (9.45 to 9.8MHz), 25 Meter (11.45 to 12 MHz), and on 19 Meter (15.05 to 15.5MHz). Receiver is AC transformer powered with efficient superheterodyne circuitry. Complete with beautiful wainut grained metal cabinet, For 105-125V., 50/60 Hz AC. Size: 14Wx8Dx6"H. Imported. Shpg. wt., 131/2 lbs. 54.95

#### **ECONOMY SHORT-WAVE PACKAGES WITH** EXPLOR-AIR MARK V



Shortwave Window Antenna

catalog prices.

SAVE

2.95

Net 61.95 40 R 90148WXM Shpg. wt., 161/2 lbs. No Money Down\* Only

Explor-Air Mark V plus Shortwave Outdoor and Attic Antenna

895

From Individual catalog prices.

Net 58.95 40 R 90122WXM Shpg. wt., 151/2 lbs. No Money Down\*

### HY-GAIN SW-9 SHORTWAVE WINDOW

ANTENNA • Includes Universal Window Mounting Bracket



The ideal shortwave antenna for window installations, where roof-top antennas are impractical or cannot be used. Pro-vides broadband performance compara-995 ble with other larger installations. Consists of one 9 foot aluminum tubular element with a universal mounting bracket and feedline. Simple to install, answers the problems of apartment dwelling SWL's. Shpg. wt., 3 bs. Net 9.35 Net 9.35

#### HY-GAIN SW-6 SHORTWAVE ANTENNA



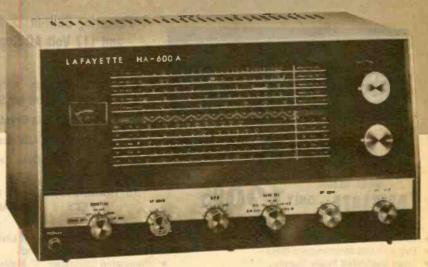
A completely assembled antenna, ready to install. Scientifically tuned for 1.8 to 30 MHz coverage, Can be installed on any existing structure: pole-to-pole,

the eaves, in the attic . all provide excellent reception. Consists of 50 ft. copper wire attached at both ends to low-loss styrene insulators. 15' weather-proof-rope on each insulator, plus lead in feedline. Shpg. wt., 2 lbs. 40 R 31175

See Page 22 for Full Credit Details on Easy Pay Plan

### SHORTWAVE-AMATEUR-AM-BROADCAST-WEATHER AND MARINE BANDS





**HA-600A** 

PRODUCT DETECTOR FOR SSB/CW

## 5 Band AM/CW/SSB Solid-State **Amateur And SW Receiver**

- 10 Transistors, 2 FET's, 7 Diodes, and 1 Zener Diode
- Mechanical Filter for Exceptional Selectivity
- Huge Edge-Illuminated Slide Rule Dial with "S" Meter
- 117-Volts AC and 12-Volts DC Negative Ground Operation
- Full 241/2 Inches of Bandspread On 10-80 Meter Bands
- Automatic Series Gate Noise Limiter With AVC on AM

5 BANDS INCLUDE

BAND A: 150 kHz to 400 kHz BAND B: 550 kHz to 1600 kHz BAND C: 1.6 MHz to 4.8 MHz BAND D: 4.8 MHz to 14.6 MHz BAND E: 10.5 MHz to 30 MHz Only

No Money Down\*

The HA-600A general cherage receiver combines the latest solid state electronics with sleek, modern appearance to achieve a superb blend of performance and style. Advanced circuitry utilizes two Field Effect Transistors in the front end RF stages to assure high sensitivity with lowest noise assure high sensitivity with lowest mose factor. In high performance transistors and 8 diodes compliment the FET's to provide sharp response with exceptional stability. Series-Gate noise limiter and automatic volume control circuitry provide efficient noise and audio blasting suppression on AM. Builtin variable BFO permits clear reception of code and single sideband signals. 455 kHz mechanical filter assures superior selectiv-ity. Receiver's operation virtually undis-

turbed by harmonics or noise from antenna to speaker. Rear panel accessory socket provides convenient connection for audio output, 12 VDC, ground and AVC line, along with receiver muting connections. Huge flywheel operated slide rule dial has easy-to-read illuminated main tuning, logging, and bandspread scales. Electrical bandspread features wide calibration for easier tuning of crowded ham bands. Operates from 117 VAC 60 Hz or 12 VDC (negative ground only) ... perfect for emergency use! Imported. Shgs, wt., 25 ¼ hs.
99 R 25991W ... Net 99.95 to speaker. Rear panel accessory socket pro-

Matching 3 x 5-inch speaker in handsome

cabinet, 99 R 25397 HE-48C

#### **SPECIFICATIONS**

SPECIFICATIONS
Sensitivity: 1µv at 10 db signal to noise ratio. \$electivity: ± 6 KHz at 60 db down, ± 2 KHz at 6 db down, ln-termediate Fraquency: 455 kHz, 8F0 Frequency: 455 kHz ± 2.5 kHz. Antenna Impedance: 50—400 ohms. Audio Power Output: 3-watts at 4 ohms. \$peaker Impedance: 4, 8, and 500 ohms. Headphone Impedance: 6 ohms. Receiving Modes: AM-CW-SSB. Power Requirements: 105-120 Volts 60 Hz (17 watts max.) 12 Volts DC (650 ma. max.), \$lze: 15W x 9340 x 81/4"H.

#### Model HE-48C MATCHING AMATEUR SPEAKER

- Excellent Speaker for Lafayette or Other Receivers Which Require External Speaker
- Large 3 x 5 Inch Permanent Magnet Speaker

A quality 3x5-inch permanent magnet speaker designed into a handsomely styled cabinet with attractive finish. Provides clean, crisp, and clear audio response—even during single sideband reception, Made to mate with Latayette HA-600A and HA-800B or other manu-facturer's receivers which need external speaker provisions. Voice cool impedance: 8 ohms. Size: 734"Hx31/2"Wx5"D. Shpg. wt., 21/2 lbs. Imported. 99 R 25397

ONLY



\*See Page 22 for Full Credit Details on Easy Pay Plan

Lafayette Cat. No. 720

## **AFAYETTE** Amateur Gear

### 6-80 Meter SSB/AM/CW Solid-State Amateur Receiver minimum minimu



**★** 6 Amateur Bands Including 6 Meters

Product Detector for SSB/CW

Built-in 100 kHz Crystal Calibrator

**FET Front End Attenuates Overloads** 

★ Instantaneous Cool Performance

15 TRANSISTORS + 13 DIODES + 4 FET's + 1 VARACTOR

MODEL HA-800B.

- Varactor Tuning for BFO and Calibrator
- Two 455 kHz Mechanical Filters
- Zener Regulated Power Supply

The Lafayette Model HA-800B solid-state amateur receiver covers The Latayette Model HA-800B solid-state amateur receiver covers the 80 through 6 meter bands with superior reception of CW, AM, and SSB signals. Tuned RF, mixer, and oscillator stages feature FET's for outstanding front-end selectivity and sensitivity with automatic RF overload protection. Product detection plus varactor tuned BFO assure crisp CW and clear sideband copy. Built-in 100 kHz crystal calibrator ensures accurate pre-selection of proper frequencies, (supplied less crystal). Rear panel accessory socket provides convenient access to audio output, receiver muting line, and 12-voit DC input. Tape output large terming direct families. Jack permits direct taping and front panel headphone jack facilities

- Series Gate Automatic Noise Limiting
- Dual Conversion on all Bands
- Illuminated Calibrated "S" Meter

operation in noisy areas. Sensitivity: better than 1  $\mu$ V, on 10-80 meters, 2.5  $\mu$ V. on 6 meters. Selectivity: 60 db down at  $\pm$  6 kMz. Power requirements: 117 volts AC 50/60 Hz, or 12 volts DC. Size: 8½H x 15W x 9¾°D. Imported. Shpg. wt. 18 lbs. 99 R 26155WX No Money Down\* Net 129.95

Model HE-48C Matching 8 Ohm Speaker 99 R 25397 Shpg. wt., 4 lbs. Net 100 kHz. Calibrator Crystal for HA-800B 40 R 09015L Shpg. wt., 3 oz.

## **NEW!** 100 WATT MOBILE LINEAR AMPLIFIER MODEL HA-250A

SMALL . . . . COMPACT . . . ONLY 2 INCHES HIGH



Boost flea power to high power for extended range and better read-ability. Provides up to 100 watts PEP (50 Watts DC) input into a 50 ohm load (with 10 watts RF drive). Unique RF sensing circuit auto-matically switches in linear when transmitter is activalated. Absolutely matically switches in linear when transmitter is activiated. Absolutely no external switching is necessary. Bullt-in relay directly connects antenna to input \$0-239 coaxial socket when receiving. No internal connections are required to your existing equipment. Simply insert the unit in series with your transmitter (or transceiver) and antenna and you're on the air with a real punch. Circultry is broadbanded so only one tune-up is usually necessary on any band. Illuminated from panel meter indicates relative RF strength of linear's output signal when linear is on, or exciter's relative RF signal strength when linear is off. Self-contained power supply utilizes a high efficiency toroid power transformer. Rugged, attractively designed chassis with oversized heat sinks sturdy and cool operation. Supplied with comprehensized heat sinks sturdy and cool operation. Supplied with comprehenCovers 20-54 MHz . . . 6, 10, 11 and 15 Meters (Not permitted on 11 meters Class D CB in U.S.A.)

Operates on 117 Volts AC with Optional

No External Switching Required

· Amplifies AM, FM, CW, DSB or SSB Signals From 1/2 to 10 Watts Self-Contained 12 Volt Power Supply

8.95

4.95

Model HA-255



sive manual, fused DC power cables and mounting bracket. Size: 7"D x 9"Wx2"H. Made in U.S.A. Shpg. wt., 7 lbs. 12 oz. 12 Volt DC Negative Ground Only. 99 R 25280W

SPECIFICATIONS: Frequency Coverage: 20-54 MHz. Plate Power Input: 50 Watts (100 Watts PEP), Minimum RF Drive: 1/2 Watt. Maximum RF Drive: 10 Watts. Input Impedance: 50 Ohms. Output Impedance: 40 600 Ohms (50 Ohms Nominal). Amplification Modes: AM, FM, SSB, DSB, CW, Power Requirement; 12 Volts DC (Neg. Ground only). DC Power 27-watts idling. 120-watts at full inout.

Model HA-255 AC Power Supply For 117 volt AC 50/60 Hz. operation of HA-250A Linear Amplifier, Power connector mates directly with chassis socket of HA-250A. Size: 9W x 7D x 5"H Imported.

99 R 25298W No Money Down\* Shpg., wt., 11 lbs. See Page 22 for Full Credit Details on Easy Pay Plan

## **High Performance Amateur and SW Gear**

### Deluxe Drake Model R-4B Triple Conversion Receiver



Solid State Linear

Permeability Tuned VFO . Noise Blanker on CW, SSB, AM

Crystal Lattice Filter

• Crystal Lattice Filter

Triple conversion with exceptional features. Covers 80, 40, 20, and 15 meters completely and 28.5-29 MHz. Segment of 10 meters with crystals furnished. Ten accessory crystal sockets for any ten additional 500 kHz ranges from 1.5-30 kHz with the exception of 5.0-6.0 MHz. Selectivity control with 4 bandwidths: 4 kHz., 1.2 kHz., 2.4 kHz., and 4.8 kHz. Pass band tuning permits SB selection without returning and adjustment. Noise blanker, notch filter, 100kHz crystal calibrator. Crystal lattice filter 1st IF. Crystal oscillator and low frequency VFO outputs are pre-mixed. Receives SSB, AM, CW and RTTY with Itull RF gain. Product detector for SSB/CW—dlode detector for AM. Transceive subability: transceives with T-4XB or 1-4X transmitters. S-meter. Less speaker, 60 watts. 120/240VAC, 50/60 Hz. 514H x 104W x 113\*CP. Shgg. wt., 19 ibs.
40 R 65306W No Money Down\*

Net 475.00 Model M5-4 Matching Speaker for R-48. Wt., 9½ ibs.

Model MS-4 Matching Speaker for R-48. Wt., 91/2 lbs. 40 R 65041W

DRAKE 2C SSB/AM/CW RECEIVER



Solid State AVC Product Detector For SSB/CW 3 Bandwidths of Selectivity

Covers the 80, 40, 20 and 15 meter ham bands plus 28.5 to 29.0 MHz of 10 meters bands plus 28.5 to 29.0 MHz of 10 meters with crystal furnished. Also tunes any 500 kHz range between 3.0 and 30 MHz with accessory crystal. Features include: USB/LSB, CW, AM, RTTY with fell RF gain; soild state AVC with fast attack and slow release for SSB, or, fast release for high break-in CW; soild state audio with 1.8 watts output; selectivity control provides bandwidth choice of .4, 2.4, and 4.8 kHz. Set has 50 kHz selectable-passband filter and accurate S-meter. Rear panel jacls for antenna, toud-speaker, external muting and sidetone. Size:

11%,W65%Hx9%,"D. Shpg. wt., 16 lbs.
40 R 65280W No Money Down" Net 255.00
Model 2-CS Matching Speaker for 2-C.
Shpg. wt., 834 lbs.
40 R 65298W Net 22.00

HAMMARLUND HQ-200 GENERAL COVERAGE RECEIVER



Continuously tunable from 540 kHz to 30 MHz with five bands. Electrical bandspread MHz with five bands, Electrical bandspread calibrated for all amiteur bands from 80 thru 10 meters, Eight tubes plus 5 dlodes. Zener regulated and temperature compensated high frequency oscillator. Selectivity continuously variable from 12 kHz (AM) to 2.9 kHz (SSB) and 100 Hz (CW). Q multiplier operates independently of BFO, BFO variable ±2 kHz. Other features include antenna trimmer AVC, series noise limiter, product detection. mer, AVC, series noise limiter, product detector, and "S" meter. Sensitivity: better than 0.5 μV, for CW and SB, Audio output: 2.5 watts (EIA). Power requirements: 117/230 volts AC 50/60 Hz. Sizes: 164/2Wx8Hx91/6"D.

Shpg. wt., 27 lbs. Net 338.00 Model S-101 Speaker for HQ-200 40 R 28932W Net



DRAKE SW4A SW RECEIVER

No Money Down\*

**Dual Conversion**Crystal Lattice Filter **Direct Frequency Dialing** 

Superb reception of European LF, Ameri-Supero reception of European Lr., American MF, and International SW broadcast bands. Frequency Coverage: 15:5,5-1.0, 1.0-1.5, 6.0-6.5, 7.0-7.5, 9.5-10.0, 11.5-12.0 I5.0-15.5, 17.5-18, 21.5-22 and 25.5-26.0 MHz with crystals supplied. Crystal sockets are provided for coverage of any three additional 500 kHz ranges between 1.5 and 20 MHz recept 6.0 6.0 MHz ranges between 1.5 and ditional 500 kMz ranges between 1.5 and 30 MMz except 5.0-6.9 MMz, Has S meter for signal strength indication. Preselector provides superb sensitivity, Crystal high frequency oscillator, Amplified AVC. Solidstate AF output Impedance: 4-0hms. For 120/140VAC., 50/60 Hz. Size: 51/2H x 103/4 W x 11%"D. Shpg. wt.. 20 lbs. 40 R 65330W

Net 299.00 MS-4 Matching Speaker. Shpg. wt., 91/2 lbs. 40 R 65041W Net 22.00

HALLICRAFTERS SX-133 GENERAL COVERAGE RECEIVER



No Money Down\*

Deluke four band superhet receiver tunes 535 kHz to 31.5 MHz. Covers foreign and domes tic short-wave broadcasts, amateurs, aircraft and marine plus standard AM. Receives code (CW), voice (AM), and single sideband (SSB). selectable upper or lower. Calibrated electri-cal bandspread on the 80, 40, 20, 15, 10 meter amateur bands, citizens band and the 49, 31, 25, and 19 meter shortwave bands, Fine features include selective crystal fifter, calibrated BFO, product detector, antenna trimmer, "S" meter, effective noise limiter, and crystal calibrator. For 117 VAC 50/60 Hz, Size: 18%Wx8Hx934"D. Shpg. wt., 3134 lbs 40 R 25656W Net 275.00 Speaker for SX-133. Shpg. wt., 2½ lbs. 99 R 25397 HE-48C Net 8.95



• 100 Watts Input Power · Buitt-in Power Supply

164 00 No Money Bown\*

Net 22.00

Works all amateur bands 80 thru 10 meters crystal controlled. Features automatic transmit syltching and antenna change over relay. Simplified tuning is provided by broadband, low level stages and fixed loading; PA Plate tuning only! Additional features include: Automatic receiver muting; built-in CW side-tone with adjustable level; low pass filter preverts TVI; spotting function; RF Indicator light and built-in power supply. In standby positien transmitter can be used as a code practice oscillator. Plate meter is red-lined for Nevice power. Delay control varies from full "9reak-in" to 4 seconds. Also has 2-front panel crystal sockets; rear panel mute, external switch, VPO and key jacks. For 120V., 50-60 Nz AC, Size: 9%W x 6%; N x 6%; Dx Npp, wt., 15½ lbs.

Net 164,00 Works all amateur bands 80 thru 10 meters

#### DRAKE T-4XB SSB/CW/AM TRANSMITTER



No Money

• 200 Watts PEP Input . 6 Bands SSB, CW, AM

and RTTY • 2 Crystal Lattice Filters

Improved version of model T-4X. Covers 16010 Meters. Permeability tuned solid-state VFO has a calibration accuracy of better than 1 KHz. Rated at 200 watts PEP on SSp. 180 watts PEP on AM, and 180 watts CW. AM controlled carrier modulation is compatible with SSB linear amplifiers. Two crystal lattice fifters for sideband selection. Plate/current relative output meter. Automatic transmit filters for sideband selection. Plate/current relative output meter. Automatic transmit-receive switching on CW delivers true breakin to 50 ymm, VOX or PTT on SSB and AM, AGC operates on SSB to prevent flat topping due to overdrive. Size: 5½ H x 11% D X 1034 "W. Less power supply. Shpg. 18 lbs. 40 R 5532W 40 R 65322W Net 495,00

AC-4 117VAC Power Supply for T-4XB Shpg. wt., 191/2 ibs. 40 R 65249W Net

See Page 22 for Full Credit Details on Easy Pay Plan

Lafayette Cat. No. 720

425

#### REGENCY HR-2 MOBILE 2 METER EM TRANSCEIVER

#### DRAKE "Marker Luxury" 2 METER EM TRANSCEIVER



Supplied with crystals for 146.94 MHz, mike, and mounting bracket

- · Power Output: 10 Watts or Retter
- Automatic Adjustable **Deviation Limiting**

Doubte conversion receiver with 0.35 av sensitivity for 20 db quieting. Sharp selectivity of 6 db for 16 kHz and 50 db for 32 kHz assures single channel copy. Squelch circuit utilizes variable electronic noise compensation. Built-in 4" speaker, Transmitter utilizes automatic timiting for high carrier stability. Built-in SVR load mismatch circuity provides protection against open or shorted antennas, Mike pre-amp. uses FET Input circuit. Operates on 6 separate transmitting and receiving channels plus provisions for six additional receiving channels, 2 lc's, 24 transistors, and 7 diodes. Power Drain: 25 amps. under full transmit at required 12 volts DC. Supplied with a set of crystals for 146.94 MHz, push-lotalk ceramic mike, and mounting bracket, Size: 244Hx542Wx744"D. Shpg. wt., 6 lbs.
40 R 68338W No Money Down Noney Down Net 229.00

Additional Crystals—Specify Frequency—30 Day Delivery. 40 R 82129Y Transmit, Shpg. wt., 4 oz. 40 R 82137Y Receiver, Shpg. wt., 4 oz.

Net 6.50 Net 4 95



. For 12 Channel Operation

. Built-in 12 Volt DC and 117 Volt AC Supplies\*

· Power Output: Greater than 10 Watts

onlied with 2 channels. Mobile mounting bracket, mike, coax and Hustler Antenna

Walls

Expressly designed to provide the flexibility needed for point to point or repeater operations. Covers the 144-148 MHz spectrum with full power performance. Solid state receiver incorporates crystal controlled double conversion superheterodyne circuitry. Sensitivity is better than 0.5 μν. for 20 db. quieting and 1 μν. for 30 db SI-N/N at 10 kHz with 1 kHz modulation. Hybrid transmitter utilizes transistors with a rugged 6360 output tube. RF output is better than 10 walts with adjustable deviation to 15 kHz. Spurious radiation is greater than 80 db below the carrier. Built-in 12 volt DC and 117 volt AC supplies. Draws 4 amperes on full transmit @ 13.5 volts. Supplied with 146.34 MHz transmit and 146.94 MHz receive crystals for channel 1, and with 146.94 MHz (Simplex) crystal for channel 2, mobile mount, mike, coax, and Hustler Antenna. Sixe: 77/aWx23/4Hx1014"D, Imported. Shgg. wt., 81/4 lbs.
40 R 65439W No Money Down\*

Net 329.95

Additional Crystals—Specify Channel Frequency—30 Day Delivery

Additional Crystals—Specify Channel Frequency—30 Day Delivery, 40 R 65447Y Transmit, Shpg. wt., 4 02. Net 5.00 A 0 R 654547 Receive. Shpg. wt., 4 02. Net 5.00 Net 5.00 Net 5.00 AMECO RECORD CODE COURSES

includes New Extra Class, Supplementary General, and Supplementary Extra Courses

#### DRAKE MODEL TR-4 SSB / AM / CW TRANSCEIVER



- Full Frequency Coverage 10-80 Meters
- Automatic TR Switching on CW
- CW Side Tone Oscillator
- . Vox or PTT on SSB or AM
- Adjustable Pi-Network
- Solid-State VFO Blanker

No Money Down\*

# General, and Supplementary Extra Courses Fast, accurate method for learning code. JUNIOR COURSE: one 331½ RPM LP; from start to 7½ WPM, ADVANCED: one 33½ LP; 8½ to 18 WPM. SENIOR: two 33½ RPM LP's from start to 18 WPM. EXTRA CLASS COURSE: one 33½ RPM LP; 13 to 22 WPM, SUPPLEMENTARY GENERAL CLASS COURSE: concentrated study from 12 to 15 WPM; one 33½ from 19 to 24 WPM; one 33½ RPM LP, Courses include 32 page manual with FCC-type exams. PA-al M-P ....

STOCK ING.	6 6 m i 2 c	Speed	WE LO	tie.
40 R 13058	Junior	331/3 RPM	3/4 lb.	3.95
40 R 13074	Senior	331/3 RPM	3/4 lb.	7.50
40 R 13090	Advanced	331/3 RPM	3/4 lb.	3,95
40 R 10518	Extra Class	331/3 RPM	3/4 lb.	3.95
40 R 10526	Supplementary general	331/3 RPM	3/4 lb.	3.95
40 P 10534	Sunnlementary Eytra	2314 PPM	3/A (b)	3 05

#### TAPED CODE - LEARN CODE ON A TAPE RECORDER



AS LOW AS

Prerecorded magnetic tapes containing a com-plete course in the In-ternational Morse Code. The tapes are 7", 1200 ft, pre-recorded at 34 ips and can be played

on any standard tape recorder. Playing time 2 hours per tape.

Shg. wt., 1 lb.

40 R 49011 NOVICE Basic instructions & code 4-8 WPM Net 6.50

40 R 49037 ADVANCED Code at 9-18 WPM Net 5.50

40 R 49037 New EXTRA Code instruction at 22-31 WPM Net 5.50

#### BASIC AND ADVANCED CODE COURSES ON CASSETTE TAPE



BASIC COURSE, consists of 10 lessons, BASIC COUNSE, consists of 10 lessons, bringing the student up to 15 words per minute. With 20-page code course. 40 R 71007 Shpg. wt., ½ lb. .... Net 4.95 ADVANCED COURSE, consists of 12 lessons, 16 to 25 words-per-minute. With 20-page code course. Shpg. wt., 1, 2 lb. 40 R 71015

40 R 65462WX Model TR-4. Shpg. wt., 211/2 lbs. Net 599.95

Deluxe SSB/AM/CW transceiver with VOX and PTT on SSB and AM, automatic transmit/receive switching on CW. Ideal for mobile or portable work. Sensitivity less than ½ microvolt for 10 db S/N. Features. Selectivity 2.1 kHz at 6 db, 7.5 kHz at 60 db; Ranges 3.5-4 MHz, 7.0-7.6 MHz, 13.9-14.5 MHz, 21-21.6 MHz, 28-28.6 MHz, 28.2-29.1 MHz, 29.1-29.7 MHz; Transistorized permeability tuned oscillator which tunes 4.9-5 MHz. Less than 100 Hz drift after warmup; input power 300 w PEP (SSB) 260w AM or CW; 20 tubes 6 dlodes and built-in 100 kHz xtal calibrator. Size: 10-4 Wx5-1/2 Hx14-3/6 "D. Less noise blanker.

40 R 65470 34NB Plug-In Noise Blanker, wt. 1 lb. Net 40 R 65041 MS-4 Matching Spkr. for TR-4, wf. 9½ lbs. Net 40 R 6539W AC-4 AC Power Supply for TR-4, 19½ lbs. Net 40 R 6539W DC-4 DC Power Supply for TR-4, 10 lbs. Net Net 100.00 22.00 99.95 Net 125.00

noise blanker

## **LAFAYETTE Amateur Keys and Oscillators**



A quality "Bug" designed for clear, easy sending and wide range of speed. 7 adjustments for speed and comfort. Precision-tooled, anti-rust nickel-pieted brass and stainless steel operating parts. Speed adjustable 10 wpm to as high as desired. 1/8" silver contacts; weight scale for reproducible speed settlings. 6% L x 3W x

21/4"H, exclusive of knobs and feet. Imported. Shpg. wt., 31/4 ibs. 99 R 25520 Net 12.95

(B) LAFAYETTE CODE PRACTICE SET

Ideal for the beginning amateur and code practice groups. Key has adjustable spring tension, and adjustable contact clearance. High frequency buzzer has frequency, and tension adjustment with lock nuts to assure constant frequency. There is provision for Insertion of head set by means of binding posts with knurled tightening screws. For individual, group or remote listening. Uses Latayette 1½ Volt battery. Base 634L x 234W x 136 D, overall length 842 ... Imported. Shpg. wt., 1/2 lb.

99 R 25538 99 R 62564 "D" Cell battery for above Net 1.79 99 R 25504 Stethoscope Headset

(C) LAFAYETTE "BRASS-POUNDER'S" KEY

A precision-made key designed for hard usage. Spring tension and contact clearance adjustments; 3/16° silver contacts; adjustable ball-bearing pivots; Circuit closing switch. Base 3 x 2°; overall size 5 x 2 36 x 13/6°. Imported. Shpg. wt., ½ 1b. 99 R 25553

(D) LAFAYETTE BEGINNER'S KEY

Economical key for beginning amateurs. Solid, heavily chrome and nickel plated metal parts, molded phenolic base. Adjustable spring tension, adjustable metal parts and adjustable contact clearance. 2 mounting holes in base. Base 3½L x 1½,6"W. Overall length 5"; height 1½". Imported. Shpg. wt., ½ lb. 99 £25546

(E) HIGH FREQUENCY CODE PRACTICE BUZZER

Adjustable frequency buzzer ideal for individual or group code prac-tice. Perfect code item for the ham shack. Black molded phenolic housing. Works with 1½ volt battery. Screw adjustment for changing tone, 1%" diam. x 1%" high. Imported. Shpg. wt., 1/4 lb.

99 R 25561 (F) MINIATURE CODE OSCILLATOR MODULE

Transistorized. Ready to connect to your telegraph key, any 1½ to 6 volt battery and any PM speaker—ideal for learning Morse code or developing speed in receiving or sending—volume may be increased by using higher, voltage battery up to 6 volts, Simple connecting instructions and schematic included. Shpg. wt., 3 oz.

19 R 15131 Net .98

#### LAFAYETTE SOLID STATE WIRELESS CODE PRACTICE OSCILLATOR SET





Makes learning code as easy as possible. Ideal for students, hobbyists or aspiring amateurs. Portable, battery operated. Just place oscillator antenna next to any AM radio ... turn radio on and you're ready to practice or improve your code speed. Includes hand key and 9-volt battery. Transistorized oscillator leatures low battery drain. Size: 314-Wx2Dx1"H. Key: 4341:15%"W. Imported. Shpg. wt., 1/2 lb. 39 x 28000.

95

99 R 26080 Net 3.95 99 R 60212 Extra 9 volt battery.

LAFAYETTE CODE PRACTICE OSCILLATOR



A terrific aid for the beginning Morse Code learner to experi-A territic aid for the beginning Morse Code learner to experience dams who wish to improve their code speed. Completely self-contained. It can be carried wherever you go. Efficient built-in speaker provides loud, clear signat. Excellent for group practice sessions. Variable pitch control gives pleasing tone by changing frequency. For private use, without disturbing others, you have a choice of earphone tone operation, flashing light or both together. Uses low drain battery-operated transistor oscilboth togetner. Uses low drain battery-operated transistor oscillator. Specifications: Tone frequency range. Approx. 500 to 2000 Hz variable Controls: Pitch, Tone, Light and Light/Tone. Terminals: Rey, Earphone. Batteries: Includes 2 "C" cells. Case: Hi-impact bakelite. Size: 61/4H x 33/4W x 2"D. Imported.

99 R 25503 Shg. wt., 11/4 ibs.

99 R 62572 Extra "C" cells for above, 2 required. Net ea. .16

Lightweight Crystal Headset for above. Imported. 99 R 25504 Shpg. wt., 5 oz. Net 1.39

B & W/WATERS CODAX AUTOMATIC KEYER

 Automatic Spacing and Timing Solid State Circuitry

The Codax automatic keyer fea tures automatic spacing and timing for any speed from 5 to 50 WPM. Double paddle key ad-justs to any fist. Transistorized

justs to any fist. Transistorized digital circuit and hermetically sealed "Reed" relay for lasting reliability. 1500 cycle audio output is at microphone level for use of VOX circuit, Keys grid block circuit or operates keying relay in AM/CW rigs, Self powered, Dot/Dash, 3:1. 246x34x645". Shpg. wt., 24/2 lbs.
40 R 16309 Model 361, Less Balteries

Net 71.25

Package of 2 1.35v batteries for above (3 pkgs. req.)

VIBROPLEX SEMI-AUTOMATIC KEYS





Net per package 2.28

Variable Pitch Tone

Super Deluxe "Presentation." Patented jewel movement and Superspeed control. Polished chrominum precisioned machined parts mounted on a 24K gold-plated base top with colorful red switch knob, finger and thumb piece. Jeweled movement reduces friction, main-

tains smoother, easier operation. Shpg. wt., 5 lbs. 40 R 88084 No Money Down\* "Champion": Low priced Vibroplex with same high standards of high quality for clear, speedy and easy sending. Ideal for amateur or professional radio operators. Chromium finished top parts with grey crystal base. Single lever with 2 pairs of contact points. Shpg. wt. 3% lbs.

40 R 88013 "Driginal". Acclaimed by veteran operators for its extremely smooth, clear, rapid, effortless and accurate operation. A rugged, well built, expertly engineered machine for all classes of transmitting work. Large contact points. Die cut dot contact. Chrome-plated mechanism. Cast-iron base. Shpg. wt., 434 lbs.

Defuxe "Original" As above but jeweled bearings, chrome-plated

base. Shpg. wt., 5 lbs. 40 R 88035 No Money Down\* Net 36.95 CORD AND WEDGE for above, Shpg. wt. 1/4 lb. 40 R 88050

Vibre-Keyer. An efficient keying mechanism for an electronic transmitting usit. Smooth and easy operating trunion lever. Large contacts and frame. Size: 31½"143½". Shog. wt. 3¾ lbs. 40 R BROKE

## Improve Your Amateur And CB Operating Effectiveness With LAFAYETTE Meters and Testers

SWR Bridge and RF Power Meter



- Measures Standing-Wave-Ratio in a Transmission Line
- Measures Up To 15 Watt Output Into a Built-In Dummy Load
- VSWR Measurement From 1:1 to 10:1 and Reflected Power to 1 KW

Highly accurate. SWR and direct power readings up to 50 MHz. The Highly accurate. SWR and direct power readings up to 50 MHz. The unit may be permanently inserted in the transmission line for SWR and relative power monitoring. For 52 or 75 ohm lines. Insertion loss is negligible. Meter has 50 µa movement: calibrated directly in watts from 0.15 and in SWR from 1 to 10 IF (reads infinity at full scale). Housed in an attractive grey metal cabinet, 3%x 714x246. Sits on 4 rubber feet. Imported. Shpg. wt., 234 lbs. 744x235". SI

## 1000 Watt Inline Wattmeter



- 1000 Watts Continuous
- 2-30 MHz
- 3 Scales: 0-10, 0-100, 0-1000 Watts
- **Dummy Load Position**
- **VSWR** Function
- 50-0hm Impedance

Provides all you need to get the most out of your transmitter. Absorbing negligible power, this inline unit will continuously monitor radiated power. Range selector switch allows monitoring on ranges of 0 - 10, 0 - 100, or 0 - 1000 Watts. A two-way load switch permits rapid change over from dummy load to the antenna, or between two antennas. VSWR measurements can be quickly arrived at by means of a nomogram which is supplied with the unit. Size: 61/4"x33/"x2%".
40 R 24006 No Money Down\* Shpg. wt., 11/4 lbs. Net 39.95

#### R.L. Drake W-4 RF Wattmeter



 Frequency Coverage: 1.8-54 MHz.

No Money Down\*

Reads forward and reflected power directly in watts (VSWR from nomogram), Two scales in each direction, 200 and 2000-watts full scale, Calibration accuracy: ± (5% of reading +2 watts) on 200 watt scale; ± (5% of reading +20 watts) on 2000-watt scale. Size: 5½Hx3¾Wx4°D, Shpg, wt., 2¼ lbs. Net 61.95

DRAKE WV-4 RF WATTMETER. Same as above but for coverage from 20-200 MHz. Power Capability: 190 and 1000 Watts full scale. Shgg. wt., 314 lbs. 40 R 65413 Net 73.50

#### Miniature Illuminated "S" Meter



- Indicates Strength of Received Signal
- Jeweled Bearings
- Accuracy 2% of Full Scale
- · High Quality D'Arsonval Movement
- Clear Plastic Front

Durable wrap-around plastic front panel provides wide-angle readability. Zero adjustment screw on front panel; jewelled bearing movement. Calibrated in "S" units from 0.9 with the scale terminating in +10 and +30 calibrations. Additional full scale calibrations of 0.5 and 0.10 in linear scale divisions. Silvered dials; black numerals and pointers. Illuminating lamp for either 6 or 12 volt operation. 1%" dial face; 14" overall behind panel. Supplied with mounting screws. Imported. Shpg. wt., ½ lb. 99 R 25132

### Miniature Illuminated Modulation "S" Meter



- · Combination "S" Meter, % Modulation Meter and RF Power **Output Meter**
- Accurate D'Arsonval Movement
- · Jewel Bearings

Highly accurate. Features wide viewing angle and 3-color scale. Front panel zero adjustment. Calibrated scales (1 MA full scale), 0 to 100% modulation, "5" units 0-9, also +10 and +30. Linear full scale markings of 0 to 5. Dimensions: dial face, 15%"; depth 114" overail. Supplied with 4 mounting screws and lugs. For 6 or 12 volts. Dust resistant case. Imported. Shpg. wt., 42 lb.

Net 3.95

### Swr and Field Strength Meter



**Q**95

. SWR 1:1 to 3:1

A handy 2-in-1 meter for use in the ama-teur radio station to check transmitters for SWR measurements. Can be left continuously in the circuit for monitoring transmitter outputs, SWR: 1:1 to 3:1; Accuracy ±5 db, 2 to 30 MHz; Impedance: 52 Ohms; Antenna: 5-section, collapsible. Comparative RF field strengths can be easily determined with this fine meter. Sensitive 100 micro-ammeter movement with easy to read 2-color dial, Impedance matches 52 Ohm coaxial line. Aftersive sensitive 100 micro-ammeter movement with easy to read 2-color dial. lines, Attractive grey hammertone aluminum case. Size: 5%H x 2¾D x 1¾6″W. Imported. Shpg. wt., 1½ lbs. 93 R 25835 Net 9.95

Deluxe "S" Meter



- · Signal Strength Meter Using VTVM Principles
- Magnetic Feet For Mobile Dashboard Mounting
- Sensitivity and Zero Adjust Controls

Designed for use with any superheterodyne receiver employing AVC. Meter is calibrated in "5" units from 1 to 9, and in db un to 30db over \$9. Partial peak clipping is provided for noise limiting. Simple installation—8+, filament and ground. It is adaptable to either 6 or 12-volt equipment, and to receivers using 150 ma or 300 ma series string filament systems. Requires 150-200 VDC for 8+. Complete with 12AU7 and installation instructions. Imported. 99 R 25124 Shpg. wt. 11/4 lbs Net 8.95

#### Full-Size Illuminated "S" Meter



- . Indicates Strength of Receiver Signal
- 2 Jewel Movement
- Clear Plastic Front
- Calibrated to \$9 +40 db

A quality "S" meter (basic 1 ma, 2 jewel movement) designed to replace many "S" meters used in communications receivers. Clear plastic front measures 24% square and meter fits standard 25% round hole. Perfect for the experimenter and amateur. Complete with mounting screws, instructions for installation and use. For 6 volt or 12 volt operation, Zero adjustment control on front panel. Imported. Shpg. wt., ½ lb.

See Page 22 for Full Credit Details on Easy Pay Plan

### **Amateur Meters, Clocks and Accessories**

### LAFAYETTE SWR AND FIELD STRENGTH METER



ONLY 95

- Measures SWR. Relative Forward And Reflected Power to 1 KW
- Reads Field Strength

A handy 2-in-1 meter for use in the amateu radio station to check transmitters for SWR measurements. Can be left continuously in the circuit for monitoring transmitter outputs. the circuit for monitoring transmitter outputs. SWR: 1;1 to 3:1; Accuracy ±5 th, 2 to 30 MHz; Impedance: 52 Ohms; Antenna: 5-section collapsible. Comparative RF field strengths can be easily determined with this fine meter. Sensitive 100 micro-ammeter movement with easy to read 2-color dial. Impedance matches 52 Ohm coaxial lines, Neatly designed attractive case. Size: 11%, Wx 5%Hx24"D. imported. Shpg. wt., 1 ib. 8 oz. 99 R 25835 Net 9.95 99 R 25835

B & W/WATERS COMPREAMP



3150 No Money Down' **Boosts Effective** Speech Power

Output up to 4 Times • For Transmitters, Transceivers,

Tape Recorders and P.A. Ampliflers Connects between a 50,000 ohm dynamic of high impedance ceramic microphone and microphone input connector without any wiring change. May be switched in or out of circuit 

9 volt battery (1 req.) 32 R 48077

EICO 710 GRID DIP METER



No Money Down

Extremely stable grid dip meter frequency range of 400 kHz to 250 MHz. Covers AM and FM broadcast bands, low and high band mobile radios, CB, and all ham bands through VHF. Use to tune transmitters, trim antennas to proper length, locate ters, trim antennas to proper length, locate parasitic oscillations, measure circuit resonance, determine capacitance, "Q" values, and inductance. In addition, can also be used as a transmitter monitor and a wavemeter. Uses eight precision. plug-in colls, 0-500 μa meter, and a rotating drum scale. Operates on 115 VAC. 60 Hz. Size: 2½x2%x 67/8". Shpg. wt., 4 lbs.

40 R 74259 Model 710 Kit Net 39.95 Model 710 Factory wired and tested.

DRAKE SCC-1 CRYSTAL CALIBRATOR



50 kHz, to 432 MHz. Zener Regulation

Crystal controlled 100 kHz FET oscillator. Crystal controlled 100 kHz FET oscillator. Uses two integrated circuits to produce 50 kHz, calibration points, Requires no tuning, band switching, or plug-in colls. Maximum stability attained through the use of zener regulation. Has provision for both local and remote on/off switch. 50 kHz to 432 MHz frequency range. Requires 15 to 18 VDC, 40 ma. Reverse polarity protection. Size: 3½x 44x.73/4.

AMECO MODEL AC-1T AMATEUR TRANSMITTER KIT



 Ideal for Self Contained

The ideal unit for beginner or novice. Contains transformer powered AC power supply. Uses a PI network output. Has full 15-watt Input on 40 and 80 meters. Easy to build and operate, Complete with punched chassis, all parts, tubes (6V6 and 6X5) and instructions. Shgs. wt., 6½ lbs. Complete with 1 coll kit. 40 R 10096 Transmitter Kit. Net 24.95 40 10104 CK1 extra coil kit. Net 1.10

#### SUPEREX AMATEUR HEADPHONE



2495

Made especially for the Ham and short wave listener. Comfortable, removable and replace-able vinyl foam ear cushions make long hours at the rig a pleasure. Dual Impedance, 600 and 410 ohms, can be changed at plug. Shpg. wt., 21/2 lbs. 40 R 85015 Net 24.95

E. F. JOHNSON PHONE PATCH



2500 A compact automatic hybrid transformer type patch which accepts PTT, manual, or VOX keying. Separate recelver and transmitter input gain controls provide flexible operation without over drive. Effectively shielded and RF by-passed to virtually eliminate RF feedback into

regulation, mas provision for poin local and powered. Size: 23/x3x41/2"
b. b. ess Battery ...... Net 31.50

Net 49

QUALITY CLOCKS FOR YOUR AMATEUR STATION

regulation, mas provision for poin local and eminde more on /off switch. So kikz to 432 MHz to 422 MHz frequency range, Requires 15 to 18 VDC, 40 ma, Reverse polarity protection. Size: 3/4x free response, Adjustable "fline null" conformation of the phone line. Switches audio from speaking to telephone headset for undistorted, humiter representation of the phone line. Switches audio from speaking to telephone headset for undistorted, humiter representation of the phone line. Switches audio from speaking to telephone headset for undistorted, humiter representation of the phone line. Switches audio from speaking to telephone headset for undistorted, humiter representation of the phone line. Switches audio from speaking to telephone headset for undistorted, humiter representation of the phone line. Switches audio from speaking to telephone headset for undistorted, humiter representation of the phone line. Switches audio from speaking to telephone headset for undistorted, humiter representation of the phone line. Switches audio from speaking to telephone headset for undistorted, humiter representation of the phone line. Switches audio from speaking to telephone headset for undistorted, humiter representation of the phone line. Switches audio from speaking to telephone headset for undistorted, humiter representation of the phone line. Switches audio from speaking to telephone headset for undistorted, humiter representation of the phone line. Switches audio from speaking to telephone headset for undistorted, humiter representation of the phone line. Switches audio from speaking to telephone headset for undistorted, humiter representation of the phone line. Switches audio from speaking to the phone line. Switches audio from



24-HOUR ELECTRIC WORLD CLOCK

• 8" Overall diameter 95. Adjustable for Various Time Zones

 South Polar Projection Self starting, accurate electric

Chrome plated case. U.L. Listed. 110-120 v. 60 Hz AC. Shpg. wt., 2 lbs. 13 R 26024 Net 10.95



24-Hour Tymeter Clock

Numeral type, 24 hour station clock, Self starting electric. Dome shaped full vision window, UL listed motor and cord. For 110V-60 Hz.

4x4x73/4". Shpg. wt., 23/4 lbs.



Red Sweep Second Hand

095

Finely constructed, accurate 24 hour rinery constructed, acturate 24 Hour electric wall clock. Has 12" white dial face with black numerals and hands, Gray case is 1314," overall diameter. UL listed electric move-ment, Shog, wt, 542 lbs. 13 R 26578W Net 19.95

24 HOUR CALL-IDENT TYMETER CLOCK

10 Minute Repeat Timer 2350



24-hour direct reading dial shows minutes and hours. 10-minute repeat timer buzzes warning to sign your call letters. Timer independently switched. Self-starting electric. For 110-120V, 60 Hz AC. Walnut finish plastic case. Size: 734Wx4Hx4"D.

40 R 91013 Shpg. wt., 31/2 lbs.

Net 23.50

## **Amateur Base Station Antennas and Accessories**

O

LAFAYETTE ALL-BAND VERTICAL TUNEABLE 10 TO 80 METERS ANTENNA

- · Omni-Directional, Vertically Polarized
- Irridite Treated To Mil Specs

Our best buy multi-band antenna. Can be tuned to any amateur band 10 through 80 meters by a single adjustment. Has amazing efficiency for DX or local contacts. Ground or roof top or tower installation. Can sur-vive winds in excess of 50 mph. Overall height 18'; knocks down to only 5'. Uses 3½'' diameter air wound coll as matching inductor. All steel parts irridite treated to MII Specs. Impedance 52 ohms. Maximum power 1000 watts AM or CW—2 KW PEP. Omni-directional; vertically polarized.

40 R 01046W Shpg, wt., 5 lbs. Net 15.95

### CUSHCRAFT "TRIK STIK" ANTENNA

095

 For Amateur, SWL, TV, FM, Business Radio, CB, VHF Low and High band monitor, Aircraft Reception

Universal antenna designed for vertical or horizontal mounting. All aluminum construction. Supplied with U-bolt, bracket, and hardware for mounting on a mast or tower. Can also be mounted to a building using nails or screws, 2-54" element sections, 2-51" element inserts, 23" support boom. Complete instructions for frequency settings. 40 R 19188W Shpg. wt., 23/4 lbs.

### HY-GAIN 18 AVT/WB 10-80 METER WIDE BAND **VERTICAL ANTENNA**

- · Automatic Switching, 5 Band Capability
- True ¼ Wave Resonance On All Bands

Ruggedly constructed of heavy duty tapered swaged seamless aluminum. Delivers outstanding wide band omni-directional performance. Automatic band switching is accomplished by using three beefed-up HY-Q traps. Features top loading coil; ¼ wave resonance on all bands; SWR of 2:1 or less; low radiation angle on roof or ground mounted. Antenna height 25 ft. ed. Antenna height 25 ft. wt., 161/4 lbs.

No Money Down\*

40 R 31290W Net 59.95

MOOEL 14 AVQ/WB 10 THRU 40 METER MY-Q TRAP VERTICAL ANTENNA Self supporting, heavy duty aluminum automatic band switchneavy duty attention automatic band switch-ing vertical delivers omni-directional per-formance on 40 through 10 meters. HY-Q traps for 1/4 wave resonance on all bands. Low radiation angle, 12" double grip mast bracket insures rigidity whether roof or ground mounted, 18 ft. high. wt., 91/4 lbs. No Money Down\*

40 R 31308W ROOF MOUNTING KIT For 14 AVQ/WB includes 5 ft. mast, roof mount, ground plane radial wires, insulators, and all necessary hardware. Shpg. wt., 7¼ lbs. 40 R 31050W Net 19,95

HY-GAIN BN-86 BROAD BAND **FERRITE BALUN** 

 For Use With 10-80 Meter Beams, Antennas And Doublets

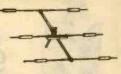
Impedance 1:1 at 52 Ohms

Can be used with any beam antenna in the range of 3 to 30 MMz. Provides optimum balance of power to both sides on any doublet. Power Capacity is 1 kHz DC, Weatherproof construction and built-in mounting brackets. Shpg. wt., 144 lb. 40 R 31282

No Money Down\*

### DELUXE MOSELY TA SERIES BEAM ANTENNAS FOR 10, 15, 20 METERS

Deluxe Model TA 33. 3-element beam Deluxe Model TA 33. 3-element beam providing up to 8 db gain on the 10, 15 and 20 meter bands. Trap design provides broadband performance and stability—beam easily handles a full kilowatt of AM signal. 25 db front-loback ratio, SWR 1.1/1, or less, at resonance. Beam length 14 ft., element length 28 ft. Shpg. wt. 53 lbs. 40 R 58022WXY No Money Down\*



Net 135.85

Model TA-33 "Junior," similar to above, but only 300 watts AM. Boom length 12 ft., Element length 26'8". Shpg. wt., 28 lbs. 40 R 58038WXY No Money Down\*

Deluxe Model TA36 6 Element Beam. Automatic band switching through high impedance parallel resonant trap circuits, Handles 1000 watts AM/CW or 2000 watts PEP. SWR 1.5/1 or better, Beam length 29 ft., boom length 24 ft. Shpg. wt., 71 lbs.

40 R 58079WXY No Money Down\* Net 167.90

#### **CUSHCRAFT 2 METER FM ANTENNAS**

(A) AR-2 FM RINGO ANTENNA: Power ring (A) AN-2 FM KINGU ANTERNA: rower ring tuning gives a perfect match between cable and antenna. Ringo also features a \$2-ohm direct coaxial feed, \$7" ring diameter, 3.75 db gain, and direct DC ground. Takes PL-259 fitting. Factory preassembled and ready to install. Takes up to a 1¼" 0.D. mast. 42" length at 147MHz. Shpg. wt., 2 lbs. 40.D. 103-21 136-175 MHz. Net 12-50 40 R 19253 135-175 MHz

(8) AFM-40 4 POLE: Up to 9 db gain over a 1/2 wave dipole; 23 ft. 0/a, pattern 360°—6 db gain, 180°—9 db gain, 52-ohm direct feed, Takes PL-259 connector, includes 4 complete dipole assemblies on 10° mounting booms, harness and hardware. Will take up to a 2" 0.D. vertical mast (not supplied). Shpg. wt., 6 lbs. No Money Down\* 40 R 19261 146-148 MHz

Net 42.50

### CUSHCRAFT BEAM ANTENNAS FOR 2 and 6 METERS

Model A50-5 5-Element, 6 Meter Beam, De-luxe, rugged, full size, constructed of 34" 0.049 wall aluminum tubing. Boom is 0.058 wall drawn aluminum, Driven element is "Reddi" matched for direct coax feed, Light enough for any heavy duty TV rotator, Turn-ing radius—7'6"; Forward Gain—9.5 db; F/B ratio—29 db. Comes with all parts marked for quick, neat assembly and center band operation. Shpg. wt., 12 lbs. 40 R 19121W Net 29.50

40 R 19121W
Model A50-3 3-Element 6-Meter Beam. 7.5 db
forward gain, 6 foot boom, Shpg. wt., 8 lbs.
40 R 19238W
Net 18.50

MODEL A-1447 7 ELEMENT 2-METER BEAM. Full size. Aluminum tubing. Beam length, 98". Forward gain 11 db F/B ratio 26 db. 40 R 19139W Shpg. wt., 7 lbs.

Model A-144-11. 11-Element 2-Meter Beam. Boom length 144". Forward Gain 13 db F/B ratio 28 db. Shpg. wt., 6 lbs. 40 R 19147W Net 17.95

### DELUXE CORNELL-DUBILIER HEAVY-DUTY ANTENNA ROTORS

As Low As 95

No Money Heavy Duty Construction Down

 Indicator Calibrated in Compass Points MODEL TR-44 ANTENNA ROTOR For single bay amateur antenna appilication. Rotator contains 48 heavy duty bearings in two 6½" ball races, 450 In-lbs average torque. Indicator is calibrated in compass points and 3" increments. Double stage switch allows meter reading while motor is off. For mast or pipe to 2½" 0.D. For 110-120V. 50-60 Hz. Less cable. Shpg. wt., 19½ lbs.
40 R 83028W No Money Down\* Net 69.95

HAM M ANTENNA ROTOR—Heavy duty rotator. Meets all amateur radio applications, Supports antennas up to 1000 lbs, Uses same compass indicator unit as the TR-44, calibrated in 3° increments. Heavy duty stainless steel gears and pinions, solenoid brake release. For 110-120VAC, 50-60 Hz. Shpg. wt., 26 lbs.

40 R 83010W No Money Down\* 100 ft. roll of 8 cond. cable for TR-44, HAM-M Shpg. wt., 5¾ lbs. 32 R 14574 Net 10.26

\*See Page 22 for Full Credit Details on Easy Pay Plan



## Mobile Ham Antennas — Shortwave Antennas and Accessories

DELUXE LAFAYETTE "RAPID-GRIP" MOBILE ANTENNAS FOR 2 AND 6 METERS



### As Low As 1095

- Rapid-Grip" Mount Provides Permanent Antenna Installation In Seconds Without Drilling Holes
- 6 Meter Mobile Antenna with "Rapid Mount"

Features waterproof base loading phasing transformer, 43" stainless steel whip with adapter for extra fine tuning, and a cadmium plated trunk-lip "Rapid-Grip" mount with water resistant body seal. Offers ideal omnidirectional signal pattern. Mounts on lip of trunk without drilling hotes. Shpg. wt., 134 lbs. Less coaxial cable. 40 R 01095

#### 2 Meter Mobile Antenna with "Rapid Mount"

Features rust-resistant cadmium plated "Rapid-Grlp"
Mount base and stainless steel whip approximately
19 inches long, which can be cut to precise operating frequency. Mounts on lip of frunk without drilling holes. Offers ideal omnidirectional signal pattern. Complete with 16 ft. of RG 58/U cable and
Pl-259 plug. Shpg. wt., 2 lbs.
40 R 01103 Net 10.95

**ANTENNAS FOR 10-15-20-40-75 METERS** 

- Fold Over Swivel Mast
- . Power Rating Up To 400 Watts SSB

An outstanding antenna assembly permitting multi-band mobile operation with exceptional results. Buy only one mast and select the resonators for the bands you operate. mast and select the resonators for the bands you operate. No need for matching devices, use any feed line length of 52-ohm cable. Each of the five resonators has a coll specially designed for maximum radiation for a particular band. Center frequency funing is by means of an adjustable stainless steel rod in the resonator assembly. The 54-inch fold-over, heat treated, ½" aluminum mast permits in stantaneous interchange of resonators for the desired band. SWR is less than 2 to 1 for any center frequency within each band. Power Rating: AM input 75 watts; SSB input up to 400 watts PEP. Mast has ¾"—24 base stud to fit all standard mounts. standard mounts.

Stock No.	Model No.	Description	WŁ	Net
40 R 55018W	MO-1	54" Mast Fender Mount	2	lbs. 11.95
40 R 55026W	MO-2	54" Mast Bumper Mount	21/4	lbs. 12.25
40 R 55034	RM-10	10 Meter Resonator	1/4	lb. 7.95
40 R 55042	RM-15	15 Meter Resonator	1/4	lb. 8.95
40 R 55059	RM-20	20 Meter Resonator	1	lb. 9.95
40 R 55067	RM-40	40 Meter Resonator	13/4	lbs. 11.95
40 R 55075	RM-75	75 Meter Resonator	13/4	lbs. 13.95

### HY-GAIN SW-9 SHORTWAVE WINDOW ANTENNA

Includes Universal Window Mounting Bracket

The ideal shortwave antenna for window installations, where roof-top antennas are impractical or cannot be used. Provides broadband performance comparable with other larger installations. Consists of one 9 foot aluminum tubular element with a universal mounting bracket and feedline. Simple to install. Only 995

Answers the problems of apartment dwelling SWL's. 40 R 31183W Shpg. wt., 31/4 lbs.

### HY-GAIN SW-6 SHORTWAVE ANTENNA



695 A Completely assembled antenna, ready to install. Scientifically tuned for 1.8 to 30 MHz coverage. Can be installed on any existing structure: pole-to-pole, pole-to-pole, argare-to-house, unique.

on any existing structure: pole-to-pole, pole-to-pole, pole-to-pole, garage-to-house, under the eaves, in the attic . . . all provide excellent reception. Consists of 50 ft. copper wire attached at both ends to low-loss styrene insulators. 15' weather-proof rope on each insulator, plus leadin feedline. Shpg. wt., 2 lbs.

40 R 31175

### MOSLEY MODEL SWV-7 FIXED VERTICAL SW ANTENNA

· For Roof or Ground Mounting

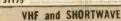
Model SWV-7 is designed for 11, 13, 16, 19, 25, 31, and 49 meters. Six specially designed trap assemblies, housed in a single weatherproof phenolic casing assure broad band coverage for top DX performance. Antenna incorporates only the finest alloy aluminum tubing, telescoped and swaged to reduce wind vibration. Molded plastic cap prevents water from enterling element. Height: 13'356". Ground is required. Shpg. wt., 8 lbs. 40 R 58095W

### DELUXE ANTENNA DUMMY LOAD

- 100 Watts Continuous 500 Watts For 15 seconds
  - a 52 Ohm Load

1995

A must for troubleshooting your rig. 52 ohm load for easy RF power checks. Freq. Range: 0-100 MHz. VSWR 1:1. Size: 11x4x31/2"H. Shpg. wt., 2 lbs. 42 R 21081







- Works With Any Antenna Type
- Improves Reception On All Major Shortwave, Monitor, and Amateur **Bands**

Installs on any receiver in minutes, Permits antenna (especially indoor types) to operate efficiently on many frequencies. Greatly imefficiently on many frequencies, Greatly improves reception by increasing receiver sensitivity to weak signals, as well as, rejecting interference and annoying "Image" signals. Covers following bands: Shortwave (meters)—13, 16, 19, 25, 31, 41, 49 and 60; Amateur (meters)—10, 15, 20, 40 and 80 plus all frequencies from 3 MHz to 30 MHz, including Marine, Public Safety, Citizens Band, Aviation and all other high-frequency services.

42 R 21073 Shpg. wt., 1/2 lb. ....... Net 9,95

### LAFAYETTE 5 POSITION COAXIAL SWITCH

ONLY



- Frequency Range to 50 MHz
- Low Loss
- Grounded for Static Elimination
- 1 KW Power Rating Single Gang, Single Pole

Instantly selects any one of five transmitters, antennas, exciters, receivers, or transceivers using 52 to 75-ohm line, Single gang, single pole with positive ground. Rated 1 KW amplitude modulated. All positions not in use are grounded for static elimination. Long life, low ioss ceramic switch. Complete with contrasting pointer knob and bracket for wall or panel mount. Size 4½ x 3½ x 3½ x 3½". Shpg. wt., 2 lbs. 40 R 01228

### WORLD TIME ILLUMINATED **ELECTRIC WORLD CLOCK**

Only



Modern, international electric wall time clock, showing the local time in 70 key areas around the world instantaneously and simultaneously 24 hours a day. Enlarged vivid time indicators for continental U.S. time zones. Clock automatically compensates A.M. and P.M. hours. It also shows day and nighttime hours throughout the world with white and black backgrounds respectively. Set in handsome walnut frame. Illuminated. Powered by a heavy duty 115V., 60 Hz AC clock moter. Size: 15½"H x 22¼"W x 4"D. Shg. wt., 15 lbs. Shpg. wt., 15 lbs. 40 R 30011W No Money Down\* .. Net 64.95

### **Amateur Station and Antenna Accessories**



(A) LAFAYETTE Coaxiat Antenna Switch-Instantly selects any one of tive transmitters, antennas exciters, receivers or transceivers using 52 or 75 ohm line. Single gang, single pole. Unused positions grounded for static elimination. Rated 1 KW. Shpg. wt., 1½ lbs. Net 10.95 Net 10.95

(B) B&W 425 Low Pass Filter—usable with transmitters to 1-KW. Completely self contained—eliminates TVI, 85db attenuation. For 52 ohm coax. Shpg. wt., 2 lbs. 40 R 16085

(C) Drake TV-1000LP Low Pass Filter-handles 1 KW: 160-10M. 200 watts on 6 meters. Shpg. wt., 2 lbs. 40 R 65140 Net 18.75

40 R 65132-Drake TV-42-LP-handles 100w, 160-10M Net 7.65 (D) Ameco HP-45-High Pass Fifter-For attenuation of 40db at 14 MHz

and 20db at 28 MHz, 300 ohms. Shpg. wt., 3 oz.

40 R 10054 (E) Johnson 250-23-3 "Matchbox" Antenna Coupler-For 80, 40, 20, 15 and 10 meters. Matches balanced lines 25 to 1500 ohms and un-

balanced lines 25 to 3000. Reads SWR. TR relay 750w PEP with directional coupler. Shpg. wt. 934 |bs. 40 R 46082—No Money Down\* Net 94.95

(F) Johnson 250-39 TR Switch—Provides Instantaneous high efficiently electronic antenna switching. Rated at 4KW. Instant break-in on SSB, DSB, CW, and AM. Shpg. wt., 4½ ibs.

(G) W2AU BROAD BANDS BALUNS—A transmitter and receiving balun with built in lightning arrester, and stainless steel hardware. Properly balances all coax fed antenna systems. Handles 1kW AM/CW, 2KW PEP. Completely weatherproof, withstands 650 lbs. of antenna tension.

BALUN I—1:1 model matches 50 or 75 ohm unbalanced to 50 or 75 ohm balanced load. Shpg. wt., 34 lb. 40 R 47023

BALUN II—4:1 model matches 50 or 75 ohm unbalanced coax line to 200 or 300 ohm balanced load. Shpg. wt., 34 lb. 40 R 47031

(H) Solderless PL-259 Low-Loss Coaxial Connectors — Two types—Fits either RG58/U or RG59/U cable, Quick, easy connections. No fuss, no bother, no adapter, no soldering required. Shpg. wt., 4 oz. 42 R 69106 Solderless PL259 for RG58/U Cables ............ Net ea. .79 42 R 69114 Solderless PL259 for RG59/II Cable Net ea. .79

### AMATEUR CRYSTALS, COILS, AND COAXIAL CONNECTORS

### AMATEUR CRYSTAL PURCHASE CERTIFICATES



As Low As 95

Send filled out certificate, one for each crystal, to manufacturer. Manufacturer will Crystal, to manufacturer. Manufacturer will ship crystal directly to you, postage paid. Available in types FT-243 and HC-17/U (pin dlam., .093"), and HC-6/U (pin dlam., .050"). Pin spacing .486" for all types. Tolerance ± 500 Hz at designated frequency. No C.0.0.'s—allow 30 days for delivery. Specify exact frequency with your order. Specify FT-243, HC-17/U or HC-6/U type on Certificate.

40 R 54011Y 3500-4000 kHz Net 2.95 40 R 54029Y 7000-7425 kHz Net 2.95 40 R 54037Y 8-8.2MHz, 8.33-8.9 MHz Net 2.95

#### CRYSTAL SOCKETS

These Steatite 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.

Stock No.	Type	Pin	Spacing	Each
46 R 37123	CS-8	.125"	.750"	.4!
40 R 37131	CS-6	.095"	.486"	.45
40 R 37149	CS-5	.125"	.500"	.45
42 R 09011	CS-7	.050"	.486"	.45

#### CRYSTAL HOLDER ADAPTERS

Mosley 5-75 adapts 1/2" spaced holder to 3/4" spacing. Shpg. wt., 2 ozs.

34" spacing super Net see AO R 58046

Mosley 75-5 adapts 34" spaced holder to socket with 32" spacing to octal socket. Shog. wt. 2 ozs.

Net 40

#### COAXIAL CONNECTORS



SO-239SH DBLE MALE GL-259PH

Snpg. wt. 3 oz.							
42 R 69031 PL-259	Connector .45						
42 R 69049 UG-175/U	Reducer—Adapts PL-259 to RG-58/U Diameter16						
42 R 69056 PL-258	Junction Adapter —Accepts PL-259 on both ends for cable extension .49						
42 R 69064	UHF Double Male—.9! Free turning nuts						
42 R 69072 SO-239SH	Single hole .5! chassis mount						
42 R 69080 GL-259PH	Pt-259—for quick .79 on-off application without threading.						

#### Semi-Solderless PL-259 Connectors



 For RG-8/U or RG-11/U Cable

Package of 2 PL-259 type coaxial connectors. Elim-Inates difficult internal soldering to shield and gives positive electrical contact. Shpg. wt., 6 oz. 40 R 21028

#### BARKER AND WILLIAMSON MINIDUCTORS





Highly efficient miniature coils offering extremely low losses and real space-saving economy. Ideal for compact circuits. Air wound, polystyrene insulation. Easily cut to size. Shpg. wt., 6 oz.

		Turns			
Stock No.	Type	In.	Dia.	L.	Net
40 R 16101	3001	4	1/2"	2"	1,20
40 R 16119	3002	8	1/2"	2"	1.26
40 R 16127	3003	16	1/2"	2"	1.38
40 R 16135	3004	32	3/2"	2"	1.43
40 R 16143	3005	4	5/8"	2"	1.20
40 R 16150	3006	8	56"	2"	1.26
40 R 16168	3007	16	5/8"	2"	1.38
40 R 16176	3008	32	5/8"	2"	1.43
40 R 16184	3009	4	3/4"	3"	1.31
40 R 16192	3010	. 8	3/4"	3"	1.50
4C R 16200	3011	16	3/4"	3"	1.56
40 R 16218	3012	32	3/4"	3"	1.76
40 R 16226	3013	4	1"	3"	1.34
40 R 16234	3014	8	1"	3"	1.46
40 R 16242	3015	16	1"	3	1.59
40 R 16259	3016	32	1"	3"	1.71
40 R 16317	3017	4	13/4"	4"	1.38
40 R 16325	3018	8	11/4"	4"	1.64
40 R 16333	3019	16	11/4"	4"	1.95
40 R 16341	3020	32	11/4"	4"	2.07
40 R 16358	3021	4	13/4"	4"	1.64
40 R 16366	3022	8	134"	4"	1.70
40 R 16374	3023	16	134"	4"	2.00
40 R 16382	3024	32	134"	4"	2.13

### **UNIMETRICS Marine Electronic Equipment**

UNIMETRICS SEAVOX-25 12 Channel 25 Watt Solid-State VHF/FM Marine Radiotelephone

- Priority Button For Instant Monitoring On Any
- Factory Pre-Tuned And Pre-Aligned
- Solid-State Modular Construction
- FCC Type Accepted For Rules Parts 81 and 83

With Hi-Sensitivity Mike, DC Cable, Crystals Installed For 3 Channels, and Heavy Duty Mounting Bracket.

ONLY No Money Down

Especially designed for marine use, the Seavox-25 features a special Front Panel "Priority" push button for instant monitoring of U.S. Government E.S.A. marine weather stations or any other preselected channel. 25 watt output 12 channel radiotelephone VHF/FM operation from 156 to 162.55 MHz. Variable squelch and built-in speaker. Special low power 1 watt level for harbor operations. Operates on 13.8 volts negative ground DC. Self contained power supply and remote control provisions. Supplied with the following frequencies: CHANNEL 6 — 156.3 MHz. Intership Safety Channel, CHANNEL 16 — 155.8 MHz. Intership and Ship-To-Ceast Safety and Calling Frequency, CHANNEL WA. — 162.55 MHz. Official U.S. Weather Bureau Forecasts. Simplified maintenance with individual modules



and special transmit and receive test sockets. Pre-tuned and aligned and special transmit and receive test sockets. Pre-tuned and angled for a "Do-it-yourself" Installation with recommended antennas. Housed in a watertight metal cabinet with corrosion resistant components. 31 transistors, 15 diodes, 1 IC and 1 FET. Supplied with heavy duty mounting bracket, push-to-talk microphone, DC cable, and three crystals. Size: 9"D x 9"W x 3%"H. Imported. Shpg. wt.,

40 R 69076W Additional Transmit and Receive Crystals For Shipboard Use Specify Channel, Allow 3 weeks for Delivery.

Net Per Pair 13.50 40 R 69084YZ

### UNIMETRICS SEACALL 70 Watt Power Hailer and Sensitive Listening Device

- · Automatic Fog-Horn, Manual Fog Horn
- Intership Intercom Facilities Separate Intruder Alarm Switch

Designed to be used for voice communication between vessels separated by fog, darkness, distance, noise or inclement weather, or for communication with marina when docking. Sounds a continuous fog horm signal every 3 seconds. Functions as a sensitive listening instrument for picking up faint or distant sounds such as: other vessels, buoys, vonces, signals, etc., at night or in fog. Also features intruder alarm provisions. Auxiliary input for tape player, FM tuner, etc. Waterlight construction. 30 watt projector/speaker has 90° x 120° dispersion. Size: Speaker, 11"H x 6½"W x 8½"D; Haller Amplifler, 3½"H x 9"W x 9"D. Shpg. wt., 14 lbs. Imported.

40 R 69092W No Money Down\*

including Hailer, Projector Horn, and Microphone.



No Money Down\*

### UNIMETRICS SeaDeep **Depth Indicator with Built-In Depth Alarm**



ONLY

No Money Down\*

 Indicates Depths 0 to 200 Ft. Depth Alarm Sounding 11/2 to

40 Ft. Operates on 8 "C" Cells or 12 Volt DC Negative Ground

Reduces the risk of running aground. Builtin buzzer alarm system may be pre-set to any depth from 1½ to 40 ft. For use with any type of vessel, either power or sall. Watertight corrosion resistant construction. 1,440 soundings per minute or 24 per second. Unit size: 6 x 6½" x 6½". Transducer: 2½ dia. x 6¼" long. Imported. Shpg.

wt., 6 lbs.
40 R 69100 Less batteries ... Net 114.50
"C" Batteries for Portable Use (8 req.) 99 R 62572

Radio/Compass **Direction Finder** 



Net\_168.00

With Battery and Earphone

 Accurate Navigation Day or Night

An all-in-one navigation system at a low, low price that boaters, fishermen, hunters, hikers, and pillots can now easily afford. Operating on the broadcast band you can home in on stations, fix your position, or correct your course—to compensate for drift, current or detours. Features fluid compass with azimuth points marked in 5° increments. Large rotating outer azimuth ring marked in 1° increments. Operates on liexpensive 9 volt battery (included), includes earphone for private listening. Solid-State Circuitry. Shg. wt. 2½ fbs. for private listening, Solle Shpg. wt., 2½ lbs. 42 R 21099L Extra 9 V battery for above. Net 19.95

99 R 60212

Net .29

Sonar DC-480 Combination Chart and Flasher Depth Recorder



Complete With Transducer. Gimbal, Fairing Block

No Money Down

A highly sensitive depth recorder which both records your voyage as you sail and provides an instant flashing indication for safe navigation. The unit can serve as a reliable navi-gational guide in unfamiliar channels and to help find schools of fish and underwater help find schools of fish and underwave wrecks, filuminated two color chart is call-brated from 0 to 120, 120 to 240 ft. Has 4 x6" viewing area. 360° flasher dial Indi-cates 0 to 480 ft. Takes 5 soundings per sec-and. Only 5 amps. current drain. Size: ond. Only 5 amps. current drain. Size: 1034Wx636Hx634"D. For 12 VDC positive or negative ground. Shpg. wt., 121/4 lbs 40 R 4323BW Net 24 Net 249,95

See Page 22 for Full Credit Details on Easy Pay Plan

Lafayette Cat. No. 720 433

### MONITOR

State, County and Municipal Police Fire Department

Civil Defense Trucking Highway Maintenance

Foresty Aviation Conservation Petroleum and Industrial Activities Railroads

### LAFAYETTE POLICE AND FIRE DUAL BAND SOLID STATE FM RECEIVER

H H H H H H H H H H

2 RECEIVERS IN 1

N N N N N O P N

2 BANDS: 30-50 MHz

In Each Band

No Money Down\*

- 117VAC and 12 VDC
- 1 IC + 1 FET + 13 Transistors + 9 Diodes
- · Separate, Large Tuning Dials
- Sensitivity, Less Than 1 µV. for 20 db Quieting
- Tape Recorder Output Jack
- Headphone Jack for Private Listening
- · Receives U.S. Weather Bureau Reports

PF-200

### CRYSTAL CONTROL PLUS TUNEABLE RECEPTION

Lafayettes' superb dual band, FM monitor receiver has been especial-Larayettes' superb dual band, FM monitor receiver has been especially engineered for outstanding performance and dependability. The PF-200 covers both the high and low VHF communications bands, is fully tuneable and can be crystal controlled for reception of any two frequencies in either band. It also tunes to and receives 162.55 MHz U.S. Weather Bureau reports in parts of the country where these reports are broadcast. The PF-200 features a highly sensitive superheterodyne circuit that includes tuned RF and mixer stage with F.E.T., 3 ceramic IF filters for exceptional selectivity, and an integrated circuit for efficient FM detection. Its 100% solid state design offers for reliability and interestream. and an integrated circuit for efficient rm detection, its kNows solid state design offers top reliability and instantaneous monitor-ing of, and response to, emergencies. Built-in universal power supply assures continuous monitoring under any conditions since it operates on both 117VAC and 12 VDC (negative ground only.) The

front panel features two large individual tuning dials for low and high bands. 2 selector switches for Xtal or tuneable reception, one for each band, and a variable Squelch control that lets you silence the receiver during no signal conditions. The PF-200 is also distinguished by professionally designed neatly contrasting front panel, knobs and enclosure. A large built-in speaker, an external phone jack for private listening and a tape recorder output jack are also included. Size: 134%x713/gDt41/x71. Singe, wt., 101/4 lbs.

99 R 25983W Less Crystals. See Below for Crystals Net 99,95

Ground Plane Antennas, Shpg. wt., 4 lbs. 40 R 01178W 30-50 MHz 40 R 01160W 130-174 MHz

Net 9.50 Net 7.50

### **NEW! LAFAYETTE POLICE AND FIRE 3-BAND FM RECEIVER**

3 BANDS: 144-174 MHz.

30-50 MHz. 450-470 MHz.

**Crystal Positions** In Fach Band

No Money Down\*



Delivery December 15, 1971

### CRYSTAL CONTROL PLUS TUNEABLE RECEPTION ON ALL BANDS

- For 117 VAC Base Station and 12 VDC (Negative ground only) Mobile Operation
- 2 IC's + 3 FET's + 20 Transistors + 11 Diodes
- Sensitivity: 1 µV. for 20 db Quieting
- Adjustable Broad and Sharp Selectivity On All 3 Bands
- Illuminated Jewel Indicators for UHF. VHF and Low Band Modes
- Headphone Jack for Private Listening

An outstanding universal FM monitor receiver for the 450-470 MHz UHF band, 144-174 MHz VHF band and 30-50 MHz low band. The PF-300 is fully tuneable and can be crystal controlled for reception of any two frequencies on all 3 bands. Receives U.S. Weather Bureau reports on 162.55 MHz, in parts of the country where they are broadcast. May be tuned to either wide or narrow-band razor sharp selectivity. Front panel features large tuning dials—one for 144-174 MHz and one for 30-50 and 450-470 MHz; concentric selector switches that select the desired band and selectivity, switches for crystal or tuneable reception for each band; and variable squelch control that sliences the

receiver during no signal conditions. The PF-300 also features a large built-in speaker, phone jack for private listening, tape recorder output jack, and UHF, VHF and Low Band antenna jacks. A built in universal power supply permits operation on 117 VAC and 12 VDC (negative ground only), Size: 13½%WX7½2DX4½6"H.
99 R 26163 Shpg. wt., 11 lbs. Net 179.95
Ground Plane Antennas. Shpg. wt., 4 lbs.
40 R 01178W 30-50 MHz Net 7.50
40 R 010202 450-470 MHz Net 24.95

#### CRYSTAL CERTIFICATE FOR PF-200 AND PF-300

Send filled-out certificate, one for each crystal, to manufacturer. Mfr. ships crystal directly to you postpaid within 30 days. Specify Exact

Monitoring Frequency.
40 R 82103Y Certificate, No C.O.D. .....

Net 5.95

**Business Service** Taxicabs Railroads **Auto Emergencies** 

Police Department Fire Department Special Emergency Local Government



### POLICE AND FIRE SOLID STATE MONITOR RECEIVERS



Mobile: For Car, Truck, Boat, etc.

Micro P-109 (148-174MHz.) Micro P-50 (30-50 MHz.) **Tuneable Plus 2 Crystal Positions** 

- Self-contained 117 Volt AC and
- 12 VDC Supply Hear U.S. Weather Forecasts on Micro P-100‡

Only

095

No Money Down\* Discover the everyday heroics in your community! Listen and thrill to the excitement of urgent police broadcasts, fire squads in action, to ambulances and to other pub ic service communications on Lafayette's "Micro" monitor receivers. Monitor the U.S. Weather forecasts and disaster warnings on the Micro P-100‡. Their compact size (134Hx47wWx74r\*00.) permits convenient mobile and base operation. Exceptional features include tuneable plus 2 crystal receive positions, better than 1 µx sensitivity for 20 db S + N/N, 3 ceramic IF filters for superior selectivity, variable squeich, 2 watt audio output, and professional styling with an attractive illuminated dial. The 



P-450 with HB-509A Portable

### NEW! MICRO P-450 (450-470 MHz.) Tuneable Plus 2 Crystal Positions

- Self-Contained 12 VDC Supply
- Operates on 117 VAC with optional HB-512 Base Supply

Only

No Money Down\*

99 R 25843W Micro P-450 (450-470 MHz)

Net 89.95

NB-509A Portable Battery Pack with shoulder strap, battery strength
meter and antenna, Less batteries. Shgg. wt., 3½ lbs.

99 R 32268 For Micro P-50, P-100, and P-450.

Net 19.95

Alkaline Batteries forHB-509A (8 req.) Shgg. wt., 4 0z, ea.

Net ea. 48 99 R 63802 Net ea.

Alternate Nicad Batteries for HB-509A (10 req.)

Alternate Micao Batteries for MB-509A (LU req.)
32 R 48897 Shpg. wt., 5 oz. ea. Net ea. 1.90
MB-512 AC Supply Permits operation of Micro P-450 on 117 volt AC
60 Hz. and charges nicad batteries used in MB-509A.
98 R 32278 Shpg. wt., 4¼ lbs.
CRYSTAL CERTIFICATE FOR MICRO P-50, P-100 and P-450. Send filledout certificate, one for each crystal, to the manufacturer. Mfr. will ship crystal directly to you, postpaid, within 30 days. Specify Exact Monitoring Frequency. 40 R 82103Y No. C.O.D.'s

40 R 82103Y No. C.O.D.'s Net ea. 5.95 Consult your local weather bureau for reception in your area.

### POLICE AND FIRE SINGLE BAND SOLID STATE FM RE

4 IC's + 13 Transistors + 9 Diodes + 2 Thermistors



An advanced solid-state band FM monitor receiver that covers the high or low bands with excellent sensitivity. These monitors are fully tuneable or can be crystal controlled on a single frequency. Outstanding performance results from meticulously engineered solid state superheterodyne circuity that includes 4 IC's in the IF stages, plus tuned RF and mixer stages. Its solid state circuit permits instantaneous monitoring of, and response to, emergency situations. Features rugged design for trouble-free operation and has universal power supply for either normal 117 VAC operation or 12 VDC battery operation for fleid use or during emergencies. Model PF-60 can receive 162.55 MHz U.S. Weather Bureau reports in many parts of the country. Front panel controls included are Variable Scueich, On-Off

Model PF-30 30-50 MHz

Model PF-60 152-174 MHz ONLY

No Money Down\*

- 4 IC's Plus 12 Transistors For PF-30
- 117 VAC and 12 VDC Operation
- Phone Jack For Private Listening
- Tape Recorder Output Jack

### CRYSTAL CONTROL PLUS TUNEABLE RECEPTION

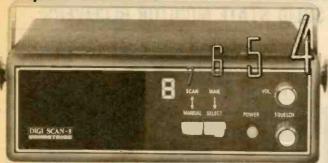
Volume, Tuning and Selector (Tune Xtal). Size: 131/aWx71/20x6"H. Imported. Less crystal.
99 R 25906W PF-60 152-174 MHz. Shpg. wt., 161/4 lbs. .... Net 79.95
99 R 25918W PF-30 30-50 MHz. Shpg. wt., 161/4 lbs. ... Net 79.95
Ground Plane Antenna 130-174 MHz, Shpg. wt., 11/4 lbs. ... Net 79.95

Net 7.50 Crystal Certificate for PF-30 and PF-60. Send filled-out certificate one for each crystal, to manufacturer. Mfr. ships crystal directly to you, postpaid, within 30 days. Specify exact monitoring frequency. No C.0.0.12. 40 R 01160W

46 R 82103Y

Net 5.95 435

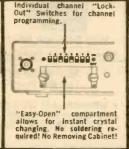
# FM/VHF and FM/UHF Monitor Scanners



8-CHANNEL VHF/UHF CRYSTAL CONTROLLED FM RECEIVER SCANNERS DIGITAL READOUT!



"Drop-In" Interchangeable Front End Modules For Converting the Digi Scan-8 to either Low VHF/FM, High VHF/FM, or UHF/FM.



Digl Scan-8 is the ultimate in an 8-channel, crystal controlled FM Monitor Scanner. Digl Scan-8's exclusive bold flashing digital read-out indicator automatically seeks a voice signal on any of eight programmed channels. Digital Readout Indicates which channel is receiving, and after transmission is over, automatically continues scanning. The interchangeable "Drop In" front end modules offer amazing versatility and economy. You can convert any Digl Scan-8 for either low band FM, high band YHF/FM, or UHF/FM monitoring. Ultra sophisticated solid state engineering will enable superior and accurate monitoring of the Public Service Band, which includes Fire, Police, Local Government, Special Emergency, YHF/FM Marine, Weather, and many other exciting channels. Deluxe features include: double conversion superhetrodyne circuit with 5. MY sensitivity for 20 db quieting, variable squeich control, pushbutton switches for selecting automatic scanning or manual scanning mode, separate push-button 0n/01f switch. Built-in speaker plus back panel external speaker Jack and professional PL-259 antenna jack, and attractive vinyl and metal cabinet with die-cast front panel. The all solid state circuit permits very low current on 12 volt DC for continuous monitoring with very little battery drain. Digi Scan-8 comes complete with all mounting hardware, AC and DC line cords. Size: 9W x 374M x 7°D. Shpg. wt. 8½ lbs. Imported. For 117 VAC 60 Hz and 12 VDC.

3 Models to Choose

Low Band VHF/FM-30-50 MHz High Band VHF/FM-147-174 MHz UHF/FM-450-470 MHz

As Low As

Includes AC Cable, DC Cable and Mounting Bracket. No Money Down\*

- Digital Read-Out Indicates the Channel Receiving a Signal
- Automatic Scanning Stops When a Signal is Received, Continues Scanning After Transmission is Over
- Listen to Police and Fire Calls on any one of 3 Bands
- Manual Channel Selection
   Variable Squelch Control
- Will Operate on 12 volt DC or 117 VAC

The Digi-Scan-8 operates properly within a specific frequency spread for each band, for 30-50 MHz the spread is 5 MHz. For 450 to 470 MHz and 147 to 174 MHz the spread is 7 MHz. When ordering specify Frequency Band and Frequency spread ie., Frequency Band 147-174 MHz, Frequency spread 151 to 158 MHz. No COD's.

40 R 69001Y Digi Scan-8 For 30-50 MHZ (5 MHz spread) 40 R 69019Y Digi Scan-8 For 147-174 MHz (7 MHz spread) 40 R 69027Y Digi Scan-8 For 450-470 MHz (7 MHz spread) 139.95 154.94

Interchangable Front End Modules, Shpg. wt., 6 oz. Imported. 40 R 69035Y For 30-50 MHZ (5 MHz spread) 40 R 69039Y For 147-174 MHz (7 MHz spread) 40 R 69050Y For 450-470 MHz (7 MHz spread) 12.95

Crystal Certificate for Digi-Scan-8 Monitors, Fill one out for each crystal, send directly to manufacturer.

Net 5.95 Net 5.95

• Automatic Cross Band Scanning

### REGENCY 8 Channel 2-Band Hi/Lo Monitor Scanners No Money Down\* 3 Models TMR8H/LI 144-174MHz/33-39MHz TMR8H/LM TMR8H/LH 144-174MHz/37-43MHz 144-174MHz/41-47MHz

Less Crystals . Instant-On Solid State Circuitry Three models to choose from Automatic Cross Band Scanning. Automatically Monitors (SCANS) any mixture of 8 high and low band FM channels or Manual Pusibution Channel Selection. Illuminated read-out lights indicate receiver is scanning for signals. When receiving a signal, it locks on, listens to signal until transmission is over, then resumes scanning. Audio Output: 5 watts; Sensitivity: Low Band—0.5 µV, High Band—0.7 µV. AC or 12 VAC Mobile operation. Comes complete with AC or DC power cords, mobile mounting bracket, removable telescope antenna, 3" built-in speaker and external speaker terminals. Size: 2½x x5½x x7½x. Shog. wt., 7 lbs. For 117 VAC or 12 VDC. Specify High Band Frequency Coverage. Frequency Spread should not exceed 8 MHz. No C.O.D.'s (Allow 3 weeks for delivery.)

Stock No. Net ea. Model TMR8H/LL 144-174MHz/33-39MHz TMR8H/LM 144-174MHz/37-43MHz TMR8H/LH 144-174MHz/41-47MHz 40 R 60232Y 169.00 40 R 60240Y 40 R 60257Y 169.00

169.00 Crystal Certificate for above models. Fill-out one for each crystal, send directly to manufacturer.

Net 5.95

### **UHF and VHF Police-Aircraft Receivers & Converters**

NEW! Regency 8-Channel 450-470 UHF Monitoradio/Scanner

with AC and DC Power Cords. Mobile Mounting Bracket, and Removable Telescope Antenna

Automatically scan your choice of eight 450-470 MHz frequencies. Stops and listens to each transmission. At the end of transmission automatically continues scanning for another signal, Illuminated read out lights. Can also be operated manually. Pushbutton control for each channel, Built-in 4" speaker Squelch control, Instant-on solid-state circuitry. Audio output 5 watts. Sensitivity: 0.7 microvolt for 20 db quieting. Size 21/4" x 51/2" x 73/2". Shgg. wt., 6 lbs.
Specify Frequency Coverage When Ordering. Total Frequency Spread Should Not Exceed 8 MHz, ie. 454-462 MHz or 458-466 MHz. No COD's.
40 R 60265Y Model TMR-81 450-470 MHz. Net 159.95

Crystal Certificate for TMR-8U. Fill-out one for each crystal, send directly to manufacturer.

40 R 82103Y Net 5.95 SONY TR-8460 PORTABLE



 Automatically Scan Your Choice of Eight 450-470 MHz Frequencies

### SOLID STATE MOBILE FM-VHF LOW AND HIGH BAND POLICE TUNERS

YOUR CHOICE



4995

With Batteries AC Adapter. and Earphone

Frequency Range 108-136 Mhz

AIRCRAFT RECEIVER

- RF Stage For High Sensitivity
- . Slide Rule "Cursor Scale" For **Precise Tuning**
- Squelch Control

Tunes in the most widely used civil aviation frequencies from air-to-ground pilot and controller transmissions. VOR orni-range broadcasts, and low frequency band pilot weather data. Operates on 4 "D" batteries or 117 VAC. "Instant on" solid atate circuitry. Swing away carrying handle and telescopic antenna. 34" dynamic speaker. Size: 5½" X 10½"W X 2½"D. Imported. Shpg. wt., 3½ lbs.

17 R 33070L No Money Down\* Net 49,95



 Connects to Existing 12 Volt Neg. Ground AM Car Radio

· Listen to Police Calls, Fire Calls, Mobile Phones

Tuneable—NoCrystals Required

Three Models To Choose From Model PC-200: 30-38 MHz

Model PC-201: 37-50 MHz Model PC-202: 150-174 MHz

Hear police calls, fire calls, and mobile phones on your AM car radio. Deluxe solid-state FM-VHF High and Low Band Tuners mount under the dash. Tuneable—requires no crystals, no batterles, no special antenna. Connects in minutes to your existing AM auto radio and antenna. Automatic noise limiter provides exceptionally fine reception of all signals. Specifications: 8 transistors, 4 diodes. Sensitivity 2 µv at 20db of quieting. Converts FM signals to 870 kHz on AM Band. Compact—only 64/2" x 31/2" x 11/2". For 12 volt Neg. ground systems. Shgg. wt., 21/2 lbs.
40 R 36018 Model PC-200—Tunes 30-38 MHz. No Money Down® Net 39.95 40 R 36034 Model PC-202—Tunes 150-174 MHz. No Money Down® Net 39.95

### Hand-Held FM/VHF Police and Fire Monitor Radios









Listen To Police and Fire Calls . Monitor Civil Defense and Public Services Receive Regional U.S. Weather Forecasts on 162.55MHzf

Only an alert and intormed clitzen can keep up with the electristying happenings of our everyday life. Two superb Lafayette FM/VHF receivers bring you live coverage of your city or town's daily drama on either 146-175 MHz or 27-50 MHz police and fire bands. £146-175 MHz receiver tunes to 162.55 and 163.275 MHz U.S. Weather Bureau weather reports and disaster alarms in many parts of the country. Has a built-in 24½" speaker plus an external earphone jack for convenient private listening. Rugged construction and sleek styling combine to give a clear professional type appearance. Operates on 4 penlight batteries (included with set). This ultra-compact unit also features a built-in swivel telescoping antenna and provision for an features a built-in swivel telescoping antenna and provision for an external antenna. With batteries and carrying strap. Size: 6x2x15/6".

Imported Shpg. wt., 1¼ lbs.
99 R 35313L 146-175 MHz FM VHF Receiver
99 R 35339L 27-50 MHz FM VHF Receiver

ACCESSORIES FOR HAND HELD FM VHF RECEIVERS Shpg. Wt. Net Ea. Stock No. Description 99 R 35362 117 VAC Adapter 99 R 62580 Extra "AA" Batteries (4 required) 40 R 79018 Earphone for Private Listening 3.95 12 02 .10 3 02 2 02



146-175 MHz

with batteries and carrying strap

LOW BAND

27-50 MHz

with batteries and carrying strap



### **LAFAYETTE Monitor VHF and UHF Antennas**

### DETUXE MEAVETTE MORNE FM VHF ANTENNAS

HIGH BAND MOBILE ANTENNAS

• For 130-174MHz

With 12" Cable . For 450-470MHz

Mobile roof or trunk mount for 130-174MHz or 450-470 MHz operation. Terminates in 3/8" bolt. Whip has set screw-type adapter for easy tuning. Comes with 12' RG-58U cable tuning, Comes with 12' RG-58U cable and PL259 connector pre soldered to the antenna, Length 211/2". Shpg. wt. 1 lb.

Net 6.95

#### LOW BAND MOBILE ANTENNA

95 • For 30-50MHz · Features "Rapid-Grip" Trunk-Lid Mount

3 deluxe new base loaded FM-VHF mobile antennas to choose from— 30-36MHz, 36-42MHz, 42-50MHz. All 3 antennas include "Rapid-grip" trunk lid mounts for simple and easy installation. No holes to drill, Pro-vides ideal omni-directional signal phasing transformer, stainless steel whip and cadmium plated "rapid-grip" mount, Overall length 43". Wt.

2 lbs. 40 R 01145W 30-36MHz ... 12.95 40 R 01152W 36-42MHz ... 12.95 40 R 01129W 42-50MHz ... 12.95 20' Coaxial Cable Assembly for above antennas. Terminate with PL-259 on one end and universal lugs on other

end 42 R 70021 Net 2.95

LAFAYETTE DUAL BAND FM-VHF INDOOR MONITOR ANTENNA

 For 30-50MHz 130-174MHz

Dual band indoor antenna enables you to operate your VHF FM communications receiver without having to put up an outdoor antenna. Consists of 2 section stainless steel whip with center loaded coils for 30-50MHz and 130-174MHz, Ideal for use with Lafayette Models PF175, PF60, PF30 FM VHF receivers. Over-all length 48". Lug-type connector. Imported. Shpg. wt., 12 oz. Imported. Sh 99 R 26106

# NEW! FM/VHF MONITOR STIK

2 Antennas in 1

• For 30-50 MHz. • For 135-170 MHz.

Mounts on mast, tower or attaches to window. Use nearly anywhere, Automatically receives high or low VHF band. Unusual vertically polarized design pulls in hard to reach signals. Accepts 52 ohm coax cable and P1-259 connector. Complete instructions supplied. Shpg. wt., 4 lbs.

40 R 19246W ..... Net 16.95

LAFAYETTE MONITOR FM-VHF **GROUND PLANE ANTENNAS** 

As Low As 150

LAFAYETTE "RANGE-BOOST"TM 2 BAND FM VHF GROUND PLANE COMMUNICATIONS ANTENNA

• For 30-50MHz. 130-174MHz

· Boost your FM Receiving Range

Model LR-145 High Band Monitor

For 130-174 MHz and 450-470 MHz. Lightweight, omni-directional vertical ground plane antenna. 4 Radials are of stainless steel construction. Radiator is of chrome plated brass and highly corrosion resistant. Coaxial fitting on antenna base directly accepts the standard Pl-259 coaxial plug. U-bolts are provided to accept up to 1½° U-boits are provided to accept the diameter masts Shpg. wt., 11/4 lbs.

Net 7-50

#### Model LR-40 Low Band Monitor

For 25-50 MHz. Omni-Directional vertical ground plane antenna. 3-solid aluminum radials, cadmium plated steel mounting brackets. Lug-Type connector. U-Bolt sup-plied to accept up to 1½" masts. Tuning Chart supplied. Shpg. wt., 4 lbs. Net 9-50 An exceptionally efficient ground plane antenna for operation between 30 to 50HMz and 130 to 174 MHz (on the high band, maximum antenna cable length to receiver should be 50 ft. for best efficiency). Comprised of 4 easily assembled drooping elements tuned to 30 MHz and a vertical radiator with a matching transformer and a low and high band collinear collector. Ideal for use with Lafayette FM communications receivers. Constructed of heavy-duty aluminum alloy rods and stainless steel tip section. Antenna comes complete with mounting bracket for 1° pipe or 1¼° tubing. Shog, wt., 5¼ bis. Shpg. wt., 514 lbs. 40 R 01053W

### **UHF Monitor Antennas—Base and Mobile**

LAFAYETTE "UHF/RANGE BOOST" 450-470 MHz MONITOR BASE ANTENNA

- · 4db Receive Gain Over 1/4 Wave Antenna
- · Clamp Onto Any Mast Up to 11/2" Diameter
- DC Grounded Shunt Fed for Lightning Protection

Get exceptionally high performance! Consists of two 1/2 wavelengths, employing both impedance matching and high Q phasing coils, encased in a weatherproof jacket. Precise factory tuning makes cutting unnecessary. All fittings are made of chrome plated brass for reliable operation and longest possible life. Shunt fed DC grounding provides lighting protection. Gain: 4 db over 1/4 wave antenna across entire band; VSWR: 1.5:1 or better; Antenna Power Rating: 100 Watts: Input Impedance: 50 ohms. Use RG-58/U cable with PL-259 coaxial connector. Shgg. wt., 4 bs. Net 24.95

**ANTENNA SPECIALISTS ASP 542** 450-470 MHz MOBILE ANTENNA

With Quick Grip No Holes to Drill

Includes 17 ft. RG-58/U Cable and PL259 Connector

- 3 db Gain Doubles **Effective Radiated** Transmitter Power
- VSWR: 1.5:1 or Better
- · Hi Q Phasing Coil

An exceptionally versatile 3 db gain, 450 to 470 MHz mobile heavy-duty antenna designed to fit every professional vehicular requirement. 3 db gain doubles. Effective radiated transmitter power. Phasing colls are shock-resistant, weatherproof, mounted in the center of the radiating element and encased in jackets. Whips are stainless steel and feature an adapter providing 1½-adjustment for exact field frequency funing by raising or lowering the bottom rod without cutting. Input Impedance: 50 ohms; Antenna Power Rating: 100 Watts.Wt., 3 lbs.

40 R 13256W

### **Assorted Lafayette Citizens Band Antennas**

LAFAYETTE 1/2 WAVE CB MARINE ANTENNA

only 24 95

With 22 Ft. Coax Cable, Connector, and Mounting

- No Ground Required
- Center Loaded
- Pre-tuned

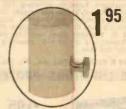
### LAFAYETTE CENTER-LOADED CB WHIP ANTENNA

Only 4 95 With PL259

- Weather-Proof
  - For Base Station or Portable Use
  - · Adjustable Whip Stub

Sturdy, attractive, pertable chrome plated center-loaded whip antenna. Terminates in a Pt-259 connector. Adjustable whip is 11½" in length. Also provided is an additional whip stub, 12½" (total length, Center loading coil is completely weather-proof. Imported. Shpg. wt., ½ lb. 99 R 31890 Net 4.95

### DELUXE LAFAYETTE UNIVERSAL BASE LOADED CB WALKIE-TALKIE ANTENNA



- Replaces Broken Or Existing Recessed Antenna
- Instantly Attaches Without
  Tools

Universal base loaded CB walkietalkie antenna. Only 16" in length. Reptaces broken or existing recessed antenna. Instantly attaches without tools. Can be tuned to compensate for autenna length. Made of non-corrosive materials. Operates equal to long telescoping antennas. 99 R 32187 Wt. 1/4 Ib. Net 1.95 LAFAYETTE MOBILE AM TO CB ANTENNA CONVERTER



- 1 Antenna Now Does the Job of 2 Antennas
- Converts Any AM Automoblie Antenna to a Highly Efficient Combination CB and AM Antenna

Specially designed Lafayette AM to CB antenaa converter consisting of a weather-proof loading colf with a universal mount and adjustable matching 71/4" stub. Covers entire 27 MHz Cittzens Band. Easily attaches to your existing AM automobile antenna. Includes diylding harness which couples your new combination AM and CB antenna directly to your Citizens Band Transceiver and AM auto radio. Imported.

99 R 31163 Shpg. wt., 3/4 lb. Net 6.95

### LOW COST LAFAYETTE 1/4 WAVE GP ANTENNA

**7**<sup>95</sup>

Made in U.S.A.

Sturdy, High performance—low cost, trouble free ground plane antenna for C.B. High quality solid aluminum elements—steel mounting bracket. 360° polar pattern provides complete 23 channel coverage. Overall height 106". Terminates with S0239 connector. Accepts PL259. SWR 1:5/1 or better. Shpg. wt., 3¼ lbs.

A2 R 01620W

Net 7.95

DELUXE LAFAYETTE BASE-LOADED
FIBRE-GLASS CB ANTENNA

NEW

with 17 ft. of RG58/U Cable and PL-259 Connector Made in U.S.A.

- Our Best Mobile Antenna
- "Pultrusion" Fibre Glass
  Whip
- Base Loading Coil
- Tapered Shock Spring

Only 46" long, Has high strength, and is extremely resistant to corrosion. Gleaming white "pultrusion" fibreglass whip. Shock spring and all exposed metal fittings are chrome plated. May be mounted on any flat surface with unique 4" snap-in mount. Solderless lead connection with 17 ft. of RC58/U Cable, Shgs. wt., 5 lbs. 42 R 01638 Net 17.95

#### LAFAYETTE CENTER-LOADED FIRER-GLASS CB COWL MOUNT ANTENNA

895 • With 5' of Cable
Easily Mounts On Cowl
or Rear Deck

Only 38" high but performs like 102 antannas. Designed for cowi mounting, provides an excellent radiation pattern. Substitutes for conventional 1/4 wave whips as well as baseloaded antennas in the 27 MHz band. The four foot whip eliminates the possibility of striking overhead objects. Specially designed rocker support assures 8-point grounding and permits mounting up to 35° angle on fender, cowi or rear deck—fits any 15/16" to 1/4" mounting hole. Complete with 5 ft. of RC-58/Licable. Shpg. wt. 2 ibs.

### LAFAYETTE Citizens Band Walkie-Talkie Antenna Replacement Guide

Designed for the various Lafayette "Walkie-Talkle" portable CB Transceivers indicated. Will also fit many of the other "Walkie-Talkle" units manufactured by companies other than Lalayette. Check the specs of the antennas listed on the chart below for the antenna best sulted to your present "Walkie-Talkle". All measurements are in inches. Imported. Average shpg. wt., 1/2 ib.

- 1	ш			Diam.	COI-			
	и.	Antenna.		of	lapsed	Extended	For LAFAYETTE	Net
- 1	н.	Stock No.	Sections	Base	Length	Length	Walkje-Talkie Model	Ea.
_	1		-					-
-		99 R 30082	12	1/2	6	523/4	HE-29 HE-29B	1.95
	ш	99 R 30413	11	7/16	53/4	51	HE-29C	1.95
_	н	99 R 31114	- 11	13/32	57/8	511/4	HE-29D	1.95
	n.	99 R 30371	11	1/2	61/4	541/2	HA-60, HA-61, HE-86, HE-88,	
	п	00 11 00011	**	4/4	474	0112	HA-100, 100A, 100B	1,95
_	и	99 R 30389		7/10	717	523/4	HE-25, HE-88, HA-711	1.95
-	ш		9	7/16	744			
-	66	99 R 30397	11	7/16	53/4	50	HE-66, HE-82, HE-83	1,95
=	91	99 R 30405	9	3/8	57/8	43	HA-70, HA-70A	.98
- 1	ш	99 R 31122	9	5/16	57/a	361/2	HA-70B, HA-70C	.98
-1	и.	99 R 31130	11	3/8	45%	38	HA-130, HA-130A	1,49
- 2	4	99 R 30173	10	7/16	7	58	HA-150	1.95
- 1		99 R 30074	11	7/16	71/4	6234	HA-300, HA-300A	2.25
- 8	-1				7.74			2.95
	э	99 R 31155	11	7/16	4	58	HA-99, HA-303	
- 1	п	99 R 31387	11	7/16	7	58	HA-300B	2.25
78	4	99 R 32021	8	5/16	71/4	494/4	HA-132	1.95
		99 R 32039	9	3/8	73/8	55	HA-73A	1.95
	- 5	99 R 32047	11	3/8	6	49	HA-73, HA-305, HE-210A, HA-62	
a.	8			0, 0			HA-310. HA-310A	4 05
311	ш				_	1000		1.95
k	=	99 R 32054	10	3/8	7	55	Dyna-com 2, 2A, 3 and 3A	2.95
	2	99 R 32070	-10	3/8	83/8	674/2	Dyna-com 5 & 5A,6 & 12	2.95
-	-							_

### LAFAYETTE Base Station Citizens Band Antennas

4 FLEMENT GROUND PLANE CHANTENNA



The Ideal Antenna For Your **CB** Base Station

High Efficiency Ground Plane Antenna

- All Aluminum Construction
- Accepts Pt-259 Connector

LAFAYETTE'S 3-FLEMENT VERTICAL **REAM CR ANTENNA** 

U.S.A.

 Multiplies Power 8 Times Completely Precision Tuned and Ready to Assemble and Install

· Steel Parts Irridite Treated to MIL Specs

An exceptionally high gain, directional antenna system for Citizen's An exceptionally high gain, directional antenna system for Citizen's Band communications. It developes a forward gain of 8 db. Front-to-back ratio is 25 db; front-to-side, 40 db. 50 ohm feedline match for maximum efficiency. Comes with bracket for vertical or horizontal mounting. The 114" 0.D. aluminum boom is 8 feet long. 5" to 34" 0.D. aluminum elements are approximately 16½ ft. long. All steel hardware is irridite treated to MIL specs. Accepts up to 1\(\frac{1}{2}\)' mast. Completely factory pretuned. Furnished with simple mounting instructions, Less mast and coax cable. Shop,

### LAFAYETTE "RANGE-BOOST/II"TM END FED 1/2-WAVE CB ANTENNA



Made in U.S.A.

- Heavy Duty Mounting Bracket
- · Static Clover Leaf Ball Design Reduces Receiver Noise
- 3.75 db True Omni-Directional Gain
- VSWR—1.5 to 1 or less
- · Signal to Noise Improvement of 6-20db

The "Range Boost/11" 1/2-wave CB base station antenna is one of the most popular of Lafayette's famous line of high performance CB antennas. Specially designed antistatic cloverleaf ball drastically reduces receiver noise by continuous dissipation of static discharge. Offers a 3.75 db true omni-directional gain. Tremendous signal to noise ratio improvement of 6-20 db giving you very clean reception, VSWR is 1.51. you very clean reception. VSWR is 1.5.1. Includes a phasing fransformer, rubber covered for moisture resistance. Vertical radiator consists of 3 seamless aluminum tube sections topped by a solld aluminum 108" top section. 3 54" radials provide proper transmission line decoupling. New heavy duty mounting bracket. Direct ground lightning protection. 50 ohm. 17'6" over-all length. Accepts up to 142" masts PL-259 cable consector. Show wit Less Parts and Cox 614. nector, Shpg, wt., Less mast and coax. 61/2 lbs. 42 R 01448W

### DELUXE LAFAYETTE SUPER RANGE-ROOST/IITM OMNI-DIRECTIONAL BASE STATION CB ANTENNA



Made in U.S.A.

- End Fed 1/2 Wave
- 4 db Gain Delivers 13 Watts E.R.P.
- Hi-Q Phasing Coil Optimizes Impedance Match
- VSWR 1.4 to 1 or less
- Loaded Ground Radials For Optimum Performance

Our best base station CB antenna. ½-wave end fed 4 db omni directional type. Huge loading coil will safely handle 50 to 75 times normal CB power. Rubber covered, HI-Q phasing coil optimizes impedance match, VSWR less than 1.4-1. Three ground radials (54") are base loaded for optimum performance. 4 db gain delivers 13 watts E.R.P. (effective radiated power). Constructed of seamless alreraft tubling and corrosion-proof steel for best weatherbility and wind resistance. Rated to withstand 100 mnh winds. resistance. Rated to withstand 100 mph winds. Four element static ball passes off percipitus static smoothly and reduces receiver noise. Direct ground lightning protection. Overall height 18 ft, Stainless steel mounting hardware will accommodate up to 1½" mounting mast. Less mast and coax

42 R 01604W Shog, wt., 81/2 lbs. Net 29.95

#### POLYFOAM COAX CABLE ASSEMBLY. FOR BASE\_STATIONS



As Low As 065

Complete transmission line packages designed for better CB operating efficiency. The polyfoam dielectric insures low line loss important in getting the most from your base station, Ready to use, PL-259 connectors on both ends.

Stock No.	Type	Length	Wt.	Net
42 R 09102	RG8/U-50 ohms	50 ft.	41/4 lbs.	9.65
42 R 09110	RG8/U-50 ohms	100 ft.	93/4 lbs.	16.95

### LAFAYETTE LIGHTNING PROTECTOR



Designed to eliminate static build up on coaxial cables. Provides a constant drain off, reducing chances of a direct lightning strike and in many cases eliminating noise problems, Employs one PL-259 plug and one DKCB connector.

42 R 20018 Shpg. wt., ¼ lb. Net 3,95

### Steel Mast For Mounting CB Antenna

10 ft, 16 gauge Gold Kote steel mast—11/4" O.D. Shpg. wt., 4 lbs. 18 R 63281WX / Net 3 19

### **LAFAYETTE Mobile Citizens Band Antennas**

### LAFAYETTE STAINLESS STEEL CB MOBILE ANTENNA

• 102" Stainless Steel Whip For Optimum 11-Meter Performance Only

. Heavy-Duty Cadmium Plated Stainless Steel Spring

95

 Aluminum Swivel Ball Jointed Mount Base

Made in U.S.A

Aluminum swivel mount base designed to be mounted on any surface. Plated steef spring holds rod in properly adjusted position and prevents rod damage from shocks and blows. Stainless steel whip for resiliency and strength. Less cable. Has lug terminals for 42 R 70021 cable assembly. Shog. wt. 5 lbs. 42 R 01554WX Net 8.95

### LAFAYETTE CENTER-LOADED MOBILE CB GUTTER CLAMP ANTENNA

· Easily Snaps on Rain Gutter or automobile



. Offers Outstanding 11 Meter Performance

 Portable—Easily Removable When Not In Use-Prevents Theft or Damage

Clamp Assembly 95

Gutter

Portable center-loaded CB antenna is ideat Portable center-loaded CB antenna is ideal for the CBFer, Easily removable when not in use—prevents theft or damage. Gutter clamp snaps on rain gutter of automobile. Heavy spring assures positive grip. Clamp is heavily plated to resist corrosion. Only 20 inches in length—outstanding 11 meter performance. SWR 1:1 Furnished with 12' of RG58/U cable with PL-259 connector. Imported. Shpg. wt., 14/4 ibs.

Net 7.95

### LAFAYETTE BASE LOADED "AUTO-TOP". CITIZEN BAND ANTENNA

Automobile rooftop application effects

ideal Omnidirectional signal patterns Mounts neatly from outside vehicle in 3/4" hole

· Base loaded Phasing Transformer completely weatherproof

• 39" Stainless Steel whip

Only

Made in

The Lafayette Base Loaded "Au o-Top" Citizens-Band antenna offers the CB'er the Ideal pmni-directional signal pattern with very low signal to noise. This quality antenna contern with very low signal to noise. Inis quality anterma con-sists of an inconspicuous base loaded, neutral gray weather-proof phasing transformer (only 4" high, and 1" in diameter), a 39" stainless steel whip, and all mounting hardware in-cluding complete and simple mounting instruction sheets, Antenna mounts in 34" hole. Comes less cable. Shpg. wt. 42 R 01208W

### DELUXE LAFAYETTE HEAVY-DUTY MOBILE CB-AM ANTENNA

One Antenna Does the Job of Two

Low Loss Cables

· All Connections Under Dash

with all connecting cable

Deluxe Cowl mounted antenna doubles for Citizens Band and breadcast reception. Eliminates two antennas on your car. Sturdy construction with heavy chrome plate. 46" long collapsing to 31". Fits the 1%" to 11% space left by auto antenna. Includes automatic dividing harness, 1' cable to AM set, 2' cable to C8 rig and 5' cable with P1-259 plug to antenna. Small divider unit fits under dash. Imported. Shpg. wt., 11/2 lbs. 99 R 30603W

### LAFAYETTE BASE LOADED TRUNK MOUNTED MOBILE ANTENNA

· No Visible Holes in Car

Trunk Groove Mount

Installs in Seconds

**Phasing Transformer Completely** Weatherproof

• 39" Stainless Steel Whip

HADE IN

U.S.A.

Exciting mobile antenna from Lafayette permits the Exciting mobile antenna from Lafayette permits the CB'er to mount his antenna without any visible holes on his car. Special trunk groove mount requires just two tiny 7/32" holes in groove of car trunk Ild. Antenna holds securely and is adjustable to all cars. Features base loaded, weatherproof phasing transformer (only 4" high, 1" diameter) and a 39" stalnless steel whip. Complete with all mounting hardware, simple mounting instructions. Less cable. Shpg. wt., 126 the 1¾ lbs. 42 R 01455

### LAFAYETTE "RAPID-GRIP" MOUNT BASE LOADED MOBILE CB ANTENNA

· "Rapid-Grip" Mount Provides Permanent Antenna Installation In Seconds Without Drilling Holes



"Rapid-Grip" mobile antenna is especially suitable for trunk mounts. No holes to drill. Slips over trunk lip. Cable is completely hidden. Neat, trim, professional appearance. Offers ideal omidirectional signal pattern. Water resistent body seal. 39" Stainless Steel whip. Base loaded phasing transformer completely weather proof. Overall length 43" Less cable. Has lug terminals for 42 R 70021 cable assembly. Wt. 11 oz. 42 R 70021 cable assembly. Wt., 11 oz. 42 R 01521 Net 12.95

Only

Made in U.S.A.

### LAFAYETTE CB BUMPER MOUNT ANTENNA WITH STAINLESS STEEL STRAP

 Cadmium Plated Bumper Mount with Plated Steel Strap 102" Stainless Steel Whip

Only

· Heavy-Duty Cadmium Plated Steel Spring

Made in U.S.A. An outstanding Latayette CB antenna featuring a full-size 102" stainless steel whip and a fully adjustable steel plated mount with a steel plated strap which was specially designed to fit most cars. Heavy duty plated steel spring is built for extremely rugged mobile use.

Less cable. Shpg. wt., 5 lbs. 42 R 01596WX Net 10.95

### 20 FT. COAXIAL CABLE ASSEMBLIES



These cable assemblies are necessary for connection between Citizens Band Transceiver and Antenna.

TYPE A-Consists of 20 ft. RG-58/U cable with PL-259 plus UG-175/U

ITPE A.—Consists of 20 ft. RG-58/U cable with Pt.259 plus UG-175/U on both ends. Required for Ground Plane and Mobile Antennas terminating in a coaxial jack. Shgs. wt., 12 oz.

42 R 70013 Type A; 20 ft. length
TYPE B.—Same as Type A except one end is terminated with Pt.259 plus UG-175/U and other end with universal ring type terminal lugs for mobile antennas. Shgs. wt., 11 oz.

42 R 70021 Type B; 20 ft. length
Net 2,95

## Antenna Specialists Citizen Band Antennas

**Base Station Antennas** 

"SUPER MAGNUM" MODEL M-117 1/2-WAVE CR BASE STATION ANTENNA

No Money Down\*

- Stati-Lite Ball for Additional Dissipation of Static Electricity
- · Hi"O" Phasing Transformer **Provides** Resonance over entire CB Band



M-180 ADJUSTABLE

**GUTTER CLAMP MOBILE ANTENNA** 

42 R 10019W

Net 32.95

M227 "MIGHTY MAGNUM III" 1/2 WAVE OMNI-DIRECTIONAL CB BASE STATION ANTENNA



No Money Down\*

- Power-Tip Radials Lower Radiation Angle
- Phasing Coil Optimizes Impedance Match-VSWR Less Than 1.4:1
- "Stati-Lite Diamond" Reduces Receiver Noise

Ruggedly constructed, omni-directional, base station antenna with 4 db gain, Increases radiated power to 13-watts. "Power-Tip" radials lower radiation angle and increase range. "Stati-Lite Diamond" reduces receiver range. "Stati-Lite Diamond" reduces receiver noise. Phasing coil optimizes impedance match—VSWR less than 1.4.1, Completely waterproof transformer jacket. Four electrically shortened radials (only 60" long) permit easy Installation and decreases wind resistance. Overall height: 17' 6". Takes masts up to 1½" O.D. Parcel Post Shippable, Wt. 10 lbs.

42 R 10563W

### MR-119 "SIIPER SCANNER" FLECTRONIC ROTATARLE CB FIXED ANTENNA

No Money Down\*

- Electronically Scans A Full 360°
- e Omni. Position for Locating Other Stations
- Includes Separate Scan Control Unit



Multi-element directional antenna system electronically rotatable for a full 360° in three 120° steps plus an OMNI-POSITION for quickly locating CB stations, particularly mobile. This is accomplished by use of the "Scanner's" separate electronic Scan Cantrol unit. Compact array of 3 sector-phased 17½ ft. vertical elements extend less than 3 feet from the mounting boom, Resists over 100 mph winds. 7.75 db directional gain,
—23 db front-to-back ratio. Requires 4-cond.
rotor cable. Takes masts from 1½" to 2".

Shpg. wt., 20 lbs. 42 R 10571W

100 ft. coil of 4-cond. rotor cable. 32 R 89105 Net 3.40

### **Mobile Antennas**

### "OHICK-GRIP" **MOBILE ANTENNAS**

As Low As **195** With 16' Coaxial Cable

"Quick-Grip" Trunk Mount-No Holes to Drill-Simple Installation, Mounted in Seconds.

A Model M175. Stainless steel whip. Base (A) Model M175. Stainless steel whip. Base Loaded with attractive gray jacket and chrome end fittings. Whip adapter provides 114" adjustment for extra fine tuning. "Quick-Grip" mount. Solderless lead connection with PL-259 at set end of 16 foot coaxial cable. Shpg. wt., 2 lbs.

42 R 10498W

Net 19.95

B NEW M304-White fibre glass whip, tapeered stainless steel slim-line shock spring. ered stainless steel similarine shock spring. Extreme resistance to corrosion. Only 46" long, Solderless lead connection with PL259 at set end of 17 ft. coaxial cable. Shpg. wt., 13/4 lbs

M-90 96" FIBERGLASS WHIP

MOBILE ANTENNA

A 96" white fiberglass CB whip an-

tenna designed for use only on the 27-MHz band. Mounting adapter con-sists of chrome plated brass ferrule

with 36" 24 male thread to fit standard base or spring. Wt. 1¼ lbs. 42 R 10217WX Net 10.95

MODEL M-3B 102" WHIP. Similar to M-90 except stainless steel con-struction. Shpg. wt., 2 lbs. 42 R 10225WX Net 5.95

Easily snaps on rain gutter of carl Swing-away base design permits instant lowering while seated in the car. Heavy duty, chrome plated mount has spring loaded position adjustment for 0°, 45° or 90° mounting on either side of vehicle. Sleek black fiber-glass center loaded whip is professionally designed for heavy-duty operation. Has all the things a CB'er would want in a mobile antenna: Ruggedness, reliability and high performance. Shpg. wt., 2 lbs. 42 R 10613W

### M-168 MOBILE "GRIP-STICK" **MAGNETIC ANTENNA**

 Ideally Suited for Temporary Emergency. or Permanent Mounting

 No "Installation" Involved

with 15' coaxial cable

No "Installation" involved, Merely place it on the vehicle-center of the rooftop, or back deck, run cable thru roottop, or back deck, run cable thru window or trunk (under seats) to CB radio. Stainless skeel whip, anodized aluminum base, black phenolic insulator, and grey center loading coil. VSWR under 1.5:1. With 15 ft. coaxial cable and Pl-259 connector. Shpg. wt., 2 lbs.

Net 17.95 Net 17.95

### ANTENNA SPECIALISTS M20 WINDOW MOUNT ANTENNA

For apartment installation where other out-door antennas can not be used, Jointed, 9 ft. aluminum radiator is supported by adjustable heavy-duty cadmium bracket. Will accept either twin or coaxial feed line. Performance will improve with height above ground. (Not illustrated) Spng. wt., 2 lbs., 42 R 10092W... Net 10.95

### M-178 "STICK-SHIFT" MOBILE

MAGNET ANTENNA
With 16' Coaxial Cable
For temporary or permanent mobile applications. Powerful magbile applications. Powerrui mag-net feature lets user shift position of antenna or change from one vehicle to another. Triple Chrome plated metal base. Fine tuning adjustment, VSWR 1.5.1 or better, 38 stainless steel whip with 16 ft. RG-58/U cable termination in PL 259 connector, Shpg. wt., 2 lbs. 42 R 10530W Net 17.95

### M301 2-SECTION FIBERGLASS TUNEABLE MOBILE ANTENNA

42 R 10522W

Clamps On In Seconds

and Adjusts To 5.

Positions From Inside The Vehicle

> 95 Replace Your Old Steel 1/4 Wave Mobile Whip

Not 18 95

72" tuneable white fiberglass split whip. Two-piece with nickel- plated brass ferrule. Finger-tlp tuning. Fits 36"-24 mounts and spring. Top loaded, totally incapsulated load coil. Parcel post shipped, Shpg. wt., 1 ib. 42 R 10605

Net 14,95 Lafayette Cat. No. 720

See Page 22 for Full Credit Details on Easy Pay Plan

### Selected CB Antennas, Rotors and Mounts

ANTENNA SPECIALISTS M317 FIBER GLASS CB BASE STATION ANTENNA

No Money Down\*

 Fiberglass Construction Provides 4 db **Omnidirectional** 

Gleaming white fiber-glass CB base station antenna for the 27 MHz band. Provides 4 db omni-direction gain and 1.5:1 VSWR. Features four "Power-tip" ground radials and su direction gain and 1.5:1 VSWR. Features four "Power-tip" ground radials and super loading coil, 1000 watt power handling capability Insures against burn-outs due to power surges or high level static buildups. Entire radiator encapsulated in "Armor-weave" fiberglass, construction is Impervious to all corrosive elements. 115 mph wind rating. 17 overall height. 50 ohm input impedance. Accepts PL-259 cable connector. Includes mounting hardware for 11/2" mast. Shpg. wt., 53/4 lbs. 42 R 10621W Net 59.95

### UNIVERSAL LAFAYETTE MOBILE ANTENNA ACCESSORIES



CHROME PLATED SWIVEL BALL MOUNT BASE. Can be mounted vertically or horizontally. With lug terminals. Imported. Shpg.

HEAVY DUTY CHROME PLATEO STAINLESS STEEL SPRING. Pro-vide maximum support for long whips and heavy centerloaded whips. Imported.



Shpg. wt., 11/2 lbs. 99 R 30363 Net 2.95 CHROME PLATED BUMPER MOUNT WITH STAINLESS STEEL STRAP. Completely ad-justable for vertical mounting justable for vertical mounting on most types of automobile bumpers. Highly reliable and durable, Eliminates need of cumbersome link type chain mounts. Imported. Shpg. wt.,

1¾ lbs. 99 R 30355 Net 4.95

#### ANTENNA SPECIALISTS ANTENNA MOUNTS



A MODEL M-191. Double Chain Bumper Mount. Cadmium plated. Accepts 36"-24 thread of spring or whip.
42 R 10183 Shpg wt. 234 lbs. Net 10.45 B Model M147 Stainless Steel Bumper Strap Mount. No holes to drill—easily ad-

Justed.

42 R 10399 Shpg, wt., 21/4 lbs. Net 11.95
C Model M-115 whip hold-down clip.

42 R 10191 Shpg, wt., 3 oz. Net 1.25
D Model M-161 Quick Grip Mount, Standard trunk-lid mount accepts all 36" snap-in-type antennas. No holes to drill. Water resistant body seal. 42 R 10472 Shpg. wt., 1 lb. Net 4.95

AVANTI "Moonraker" BASE STATION ANTENNA



Combines 1/2 wave cross dipole elements with the patented PDL UNQUAD design reflector. A simple flick of the swich changes mode, for transmitting or receiving, from vertical to horizontal polarization for interference-free communications. Uses only a 15 ft. boom to eliminate efficiency losses inherent in multiple in-line quad designs, thus better signal excitation is achieved to provide greater true gain. Designed along the lines of antennas used to pinpoint signals on "moon bounce", 14.d db gain, 1.2:1 SWR. 50 obms impedance, 38 db vertical to hori-zontal separation, 90 MPH wind survival, All alreraft quality aluminum with cast hubs and extruded clamps, includes dual switch box for use with standby omni. Shpg. wt.,

42 R 34068WXY Net 129 95

### **CUSHCRAFT "RINGO" 1/2 WAVE VERTICAL CB FIXED ANTENNA**

- 3.75 db gain
- Covers All 23 Channels with 1:1 SWR

A sturdy Citizen Band vertical antenna with power ring tuning for amazing full circle gain. Power ring gives a perfect match between antenna and feed cable to utilize all available transmitpower, Construction is all 0.49 wall aluminum tubing with solid hold telescope clamps and phenolic base insulator. Designed for 52 ohm direct coaxial feed. Overall height: 17'10". Direct DC ground to eliminate static discharge noise and light-ning hazard. Shpg. wt., 4¼ lbs. 42 R 20026W Net 21.50

### SOLDERLESS PL-259 LOW-LOSS COAXIAL CONNECTORS

One for either RG58/U or RG59/U cable. Quick, easy connections. No fuss, no bother, no adapter, no soldering required. Spng, wt., 4 oz. Solderless PL259 for RG58/U Cables 42 R 69106 Net ea. .79 42 R 69106 Solderless PL259 for RG59/U Cable Net ea. .79

LAFAYETTE "DUMMY" ANTENNA LOAD FOR CB TRANSCEIVERS



A 52 ohm non-inductive load for testing and tuning-up Citizens Band transmitters up to 5 watts. Built into PL259 coaxiat plug. 42 R 09029 Shpg. wt., 3 oz. ... Net 1.59

AVANTI "ASTRO PLANE" BASE STATION CB ANTENNA

· Packs Maximum Signal Strength As Most Efficient **Position** 

· Full Omnidirectional Signal

"Astro-Plane" base sta-tion antenna provides full omni-directional communications. Its re-

communications. Its revolutionary design con-centrates signal power on top for maximum, efficient operation. Heavy duty aluminum construction with corrosion resistant fittings, including solderless coax connector, assure a long, trouble free life. Double bracing withstands 120 mph winds. Impedance: 50 ohms; SWR: less than 1.4/1; power gain: 4 db; length: 12". Can be mounted on a single mast up to 1½". Shpg. wt., 4¾ lbs.
42 R 34019W Net 29.95

CORNELL DUBILIER **AR-22R AUTOMATIC** • Fingertip Control

· Control Unit Shows Direction of Rotation

Heavy-duty rotor unit will handle antennas up to 150 lbs. Simply set the control unit pointer to the desired direction, and the anpointer to the desired direction, and the antenna will automatically rotate to this position and stop. Perfect for TV, Ham or Citizen Band applications. Rotor unit employs 12 heavy duty ball bearings in two 64/2" races. Reversible clamps on rotor will take masts from 7/6" to 2". O.D. Control unit is marked in compass points. N.S.E.W., NW, NE, SW, and SE, Housed in attractive black viryl steel cabinet. For 110-120 volts, 50-60 Hz AC. Uses 4-conductor rotor cable

42 R 86076W Shpg. wt., 15 lbs. Net 36.95 Model AR-33 Solid State Pushbutton Automatic Rotor. Same as AR-22R but with deluxe pushbutton control unit that enables you to pre-set the antenna to any 5-positions. Uses 5-conductor rotor cable. Shpg. wt., 16 lbs. 42 R 86100W Net 49.95

100 ft. coils of rotor cable.

32 R 89105 Shpg. wt., 21/2 lbs. Net 3.40 32 R 36312 Shpg., wt., 234 lbs. Net 4,72

### MOSLEY WEATHER-GUARD **ANTENNA COAT**

Fast drying, clear coating compound protects against corrosive action of salt, water, moisture, and ultraviolet radiation, Will not discolor, antenna, Applies discolor antenna. Applies easily with a brush. Shpg. wt., 1 lb. 42 R 51112 Net 1.24



443



### Lafayette...Headquarters for CB Crystals



A full line of transmitting and receiving crystals for LAFAYETTE CB Transceivers and Walkle-Talkles, the number one line on the market today. These crystals are available for any channel from 1 to 23. Extremely accurate "3rd overtone" crystals are precision made and more than meet F.C.C. tolerance requirements of .005%. "No crystal required in receiver circuit of these transceivers. Shpg. wt., 2 oz.

each

Add two (2) digits representing the desired channel to the appropriate stock number listed below; i.e., the correct stock number for Lafayette Model HB-115 transmit crystal for channel 1 is 46 R 1801. likewise for channel 23 is 46 R 1823

### LAFAVETTE CR TRANSCENERS

Model	Stock Numbers Transmit Receive	Madel	Stock Numbers Transmit Receive	Model	Stock Numbers Transmit Receive	Model	Stock Numbers Transmit Receive
HB-115,A HE-15,A,B HE-20,A,B,C HE-20 D	46R18 * 46R18 46R19 46R11 46R10	HE-20T, HA-450 HE-43,A,B,C,HE-90 HB-111 HA-150	46R65 46R10 46R18 46R19 46R61 46R19 46R15 46R10	HB-500, A HB-555	46R61 46R19 46R15 46R16 46R65 46R13 46R61 46R17	Comstat 19 Micro 12	46R61 46R17 46R15 46R10

### LAFAYETTE "WALKIE-TALKIF" CB TRANSCEIVERS

Model Trai	ock Numbers Ismit Receive	Model	Stack Numbers Transmit Receive		Stock Numbers Transmit Receive		Stock Numbers Transmit Receive
HE-29,A,B HE-29C,D; GT-50,A 4 HA-60,A; HA-62,A HA-73, A, HE-75	6R15 46R10 6R15 46R10	HE-88, HE-100,A,B HA-130A, HA-132	46R15 46R10 46R15 46R10	HA-303, HA-305	46R15 46R10 46R11 46R10 46R15 46R10 46R15 46R10	Dyna-Com 3a Dyna-Com5,5a,6	46R11 46R10 46R15 46R10

### **CB** Crystals for Popular Standard Brand Transceivers

NOW... Any transmit crystal or any receive crystal for any CB transceiver that uses a separate transmit crystal and a separate receive crystal for each channel, NOT APPLICABLE TO CRYSTALS USED IN SYNTHESIS CIRCUITRY.

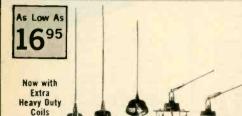
SEND filled-out certificate, one for each crystal, to manufacturer. You will receive the crystal directly from the manufacturer, postage prepaid, within a maximum of 30 days.

FOR CRYSTAL CERTIFICATE Specify Mfr., Model No., Transmit or Receive and Channel No. No C.D.D's

46 R 09004Y Each Net 2.25

### Hy-Gain and Shakespeare CB Base Station and Moble Antennas

### HY-GAIN MOBILE HELLCATS



D M'HELLCAT 2" ROOF TOP MOUNT ANTENNA. Base loaded, and almost impervious to damage. The extremely short, strong, lightweight stainless steel tip rod provides a very flexible capability to with-

stand garages and low hanging obstacles, Only 23 inches high.

Complete with 22' of coax and connector.

42 R 815 k4W Shpg. wt., 2 lbs.

Net 16.95

B) "HELLCAT 3" MAGNET ANTENNA, Magnetically mounted in an in-stant and requires no holes or tools. You'll talk loud and clear with a low SWR on all 23-channels. Complete with 16' of coax and

connector. Overall height is 34%"
42 R 35172W Shpg. wt., 2 lbs. C"HELLCAT 4" TRUNK MOUNT ANTENNA. Mounts easily and quickly on the lip of your trunk lid. Is base loaded with an etched copper coil, giving a very low SWR on all 23 channels. With 22" coax and connector. Overall height 47".

42 R 35180W Shpg wt., 314 lbs. Net 21.95

"MELLCAT 6" CAMPER AND TRAILER ANTENNA. Installs quickly and easily on all types of campers and house trailers. Mounting bracket is complete with low profile base and chrome plated brass automatic fold-over, providing necessary mechanical protection. With 22' coax and connector. Overall height 47".

12 R 35206W Shpg. wt., 3 1/4 ibs. Net 22.95

E"MELICAT 7" THE FOLO-OVER ROOFTOP ANTENNA. Tension loaded base provides rigid support at all time, yet folds when struck by an obstacle or when the vehicle is garaged. Complete with 22' coax and connector. Shop. wt., 3 lbs.

42 R 35214W Net 19.95

### HY-GAIN CLR/II BASE STATION ANTENNA

. Electrically Extended 5/8" Wave Length Radiator

. Delivers 8 DB Circuit Gain

Deluxe colinear ground plane antenna. Rugged base Deluxe colinear ground plane antenna. Rugged base mounting assembly insures survival in winds up to 100 MPH. Maximum (20 ft.) Radiator develops greatest possible galn. 3.4 db in measured field strength intensity plus improvement in signal/noise ratio resulting from vertical element being at DC ground. Total circuit gain in excess of 8 db. DC ground feature protects antenna and equipment from lightning damage. Element material top qualify aluminum tuoing 1½" to 3/8". All seamless tubing. Mount on mast 1" to 15%". SWR less than 1.2:1. Fed with 52 ohm coax. Shpg. wt., 81/4 lbs. 42 R 35016W No Money Down Net 32 95

#### SHAKESPEARE MODEL 10-3 FIBER-GLASS MOBILE WHIP ANTENNA



- Mounts On Standard Ball. Cowl, or Bumper Mount · Power Rating: 200 Watts
- SWR 1.5:1

Deluxe 96" quarter-wave fiber glass whip is light-weight, non-corrosive and anti-static. Mounts on standard ball, cowl, or bumper mounts. Fibre glass construction utilizes Shakespeare's exclusive oriented fibre process for superior strength. Fittings are of chromed brass. Standing Wave Ratio of 1.5:1 may be achieved when mounted on an automobile. Vertically polarized to conform with typical mobile to mobile to mobile to base operation. Matched to RG 58 or other 50 ohm coakial cable. Thread size: 3/8-24. Shpg. wt., 1 lb. 6 oz. 42 R 17006W

SEE PAGE 442 FOR LAFAYETTE MOUNTS & SPRINGS

### LAFAYETTE—Headquarters for CB Accessories & Equipment

### NEW! LAFAYETTE CB Transceiver Multitester

#### Meacures

- RF Power Output
- % Modulation
- Relative Field Strength
- Crystal Activity
- SWR
- DC Volts Up To 15V
- DC Amps Up To 1A
- RF Power Up To 8 Watts

#### Congrates

- Crystal Controlled RF Signal
- 1 kHz Audio Signal
- Modulated RF Signal

#### Provides

 In-Circuit Connection To Antenna Without Removing Cables From Transmitter

- Aural Monitoring of Local Transmitters
- Visual Transmitter Monitoring with Oscilloscope

Features sensitive O'arsonval meter, jacks for aural and visual monitoring, audio generator output and RF signal generator output; ceramic Jacks for standard miniature crystal sockets. Controls include 8-position selector switch—Sig. Gen./Crystal, Field Strength, DC Amps O-100ma, AC Amps O-1A. DC Volts O-3V, AC Volts O-15V, Modulation, RF Power/SWR, 4 lever switches for: RF Gen., Audio Gen./Modulator Power—SWR and Forward, Antenna—External and Internal, Also has—Push-to-Calibrate Switch, Meter Adjust Control, Modulation Calibrate Control, SO-239 sockets accept standard PL-259 connectors. Sturdy aftractive metal case with brushed aluminum front panel. Size: 8"Wx34". Includes "AA" battery; 60" telescoping antenna. Imported. Shpg.

99 R 32195 No Money Down\*

Not 39 95



14 Test **Functions** Large 3" Meter

Only

with batteries

### NEW! Antenna Specialists CB Meters, Bridges, Matchers, and Switches

MODEL M-250 ANTENNA SWITCH. Four position coaxial switch with no insertion loss.
This unit allows the use of horizontal, vertical, auxiliary or horizontal/vertical antenna systems. Shop, wt., 2 lbs. 42 P 10630

MODEL M-253 ANTENNA MATCHER, Tunes wide range of impedances to allow perfect matching of antenna—coax—trascelver for full protection of final amplifier devices, A must for those using dual polarity antennas. Not illustrated. Shpg. wt., 2 lbs. Net 22.95 42 R 10647



As low as



MODEL M-252 WATTMETER, Inline design. Accuracy on measurement is held to ± 5% by laboratory standards. 10w and 100w scales. Easy to read meter indicates forward power at all times. Shpg. wt., 2 lbs.

MODEL M-251 MODULATION BRIDGE. Allows full-time monitoring of modulation. Accurately measures modulation from 0 to 100% with minimal insertion loss. May be left in line, Shpg. wt., 2 lbs. 42 R 10654 Net 27.95

#### ANTENNA COAXIAL SWITCH



• Rated At 1 KW AM, 2 KW PEP SSB

CBer's and Hams can stop reaching behind their rigs, wasting time and missing calls switching antenna leads. With this quality coaxial switch—just turn the knob and instantly change from one antenna to another. Size: 21/2 x 11/4". Shpg, wt., 6 oz.

Net 5.95



Rated at 5-Watts Continuous

Easy to use and very accurate! Tells you how many watts your CB rig is delivering. Reads frue output power in watts when inserted in a 50-ohm line. Stays in-line for constant monitoring. Negligible insertion loss. Reads true output power and not relable nowed.

42 R 21065 Shpg. wt., 5 oz. .. Net 14.95

### CB ANTENNA MATCH



• 1.1:1 VSWR

Gives a perfect antenna/transmission line match of 1.1:1 VSWR for full power. Re-quires no special tools for installation. Simply insert the CB MATCHER between the transmitter and antenna lead-in. Adjustable tuning knobs permit precise matching un-der various operating conditions. 42 R 21032 Shpg. wt., 6 oz. Net 9 95

E. F. Johnson Antenna Meter

Model 250-849 Antenna Meter, Effectively model 250-849 Antenna Meter. Effectively minimizes power loss through your antenna system. Get maximum communication range from your transceiver. Direct reading antenna meter measures SWR up to 10:1. No external power needed. Size: 4½ x 2¾ x 2¼ x 2¼ x 3¼ x 342 R 39133. Net 14.95

### CB and Ham SWR Mini-Bridge



Handles A Full 500-Watts Average Power

Only 234" long by 156" high by 134" wide, yet, will handle a full 500-watts average power with negligible insertion loss. Gives stable meter readings of SWR plus an additional scale shows relative output power. Designed for 52-ohm impedance lines. Supplied with universal mounting bracket for inline applications. Shop. wt., 8 oz. 42 R 21040 Net 13.25

E. F. Johnson CB Matchbox



Model 250-49 CB Matchbox, Compact self-Model 250-49 CB Matchbox, Compact self-contained antenna matching unit enables maximum energy transfer to antenna sys-tem. Simple adjustment of "Tune" and "Load" controls correct SWR up to 5:1 to give almost perfect 1.1:1 antenna match. Requires no external power source. Size: 4 x 3 4 x 2 3 6". Shpg. wt., 1 ½ lbs. 42 R 39141

445

### **Improve Your Citizen Band Performance**

### **AMECO CB Transceiver RF** Preamplifiers



As Low As

- On the Air Sign
- Improve Receiver Sensitivity -AM or SSB
- FET Transistor Amplifier
- Connects to CB Transceiver No Modification Required

Model "PCB-U" solid-state preamplifier im-Model "PCB-U" solid-state preamplifier improves sensitivity, increases gain of receiver section of transceiver over 20 db. Improves signal-to-noise ratio. Automatic switching bypasses preamplifier when transmitting. Built-in gain control increases immunity to front-end overload. "ON THE ARR" sign automatically lights when transmitting base station or mobile. Size: 7½" x 3¼" x 4½". Shop wit 4½ lbs. 41/4 Ibs.

42 R 69098 No Money Down® Net 59.95 Deluxe Model PCB-Senior. In addition to the Deluxe Model PCB-Senior. In addition to the above, contains power switch to control entire station. It can feed a second receiver and automatically mutes second receiver while transmitting. Has double tuned preselector stage. For base station 117V AC only. Shg. wt., 3¼ lbs.

12 R 69130 Net 69.95

### NEW

Solid-State CB **Emergency Call System For Cars** 

ONLY

with mike/speaker

- Complete CB Transceiver Operates on Channel 9
- Combination Mike and Speaker Saves Space

Monitor Channel 9, 24 hours per day in your monitor Channel 9, 24 nouis per lay in your car. Just pick up the push-to-talk mike and call for help in an emergency. Mike also includes built-in-speaker. Comes with Trans-mit and Receive crystal for Channel 9 in-stalled. Powerful solid-state circuitry in-cludes 7 transistors, 4 diodes, and 1 ic.



Includes mounting bracket for easy under dash installation. Power Input 5 watts. RF Power Output 3 watts. For 12-volt Negative ground systems. Size 156"H x 31/2"W x 71/4"L. Shpg. wt., 21/2 lbs. imported. 42 R 66052

#### **DRAKE Low Pass Filter**



Avoid TV Interference

Effectively reduce TVI which may be eminating from your CB transmitter and interfering with TV sets. This four section filter is designed with a 43.2 MHz. cut-off and extremely high attenuation in all TV channels for citizens band and other transmiters 30 MHz. and lower. Rated 100 watts input. S0-239 connectors built-in. Shpg. wt., 3/4 lbs.

42 R 7700 Net 7.65

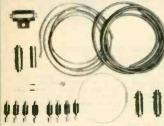
### **CB** Nuvistor Preamplifier



 Improve Receiver Gain, Noise Figure, Spurious Signal and Image Rejection

Use ahead of a receiver or to improve the gain and noise figure considerably. Employs a completely neutralized 6CW4 Nuvistor, Requires 100-150 VDC at 8 ma, and 6.3 volts at .13 amps., AC or DC, Only 2½ x 3½ x 7". Shgp, wt. 3/4 ibs.
42 R 69015 Net 12.95

### **LAFAYETTE Auto-Marine Engine Noise Suppressor Kit**



- . A must for Mobile CB and Ham Operators
- 13 Components Plus Shielded Cable Bonding Strap and **All Mounting Hardware**

Easily installed kit will effectively suppress Easily installed kit will effectively suppress noise and interference created by the operation of electrical equipment in your car or boat such as spark plugs, circuit breakers, colls, generators, regulators, or distributor assemblies. Consists of 8-spark plug suppressors; 1-distributor suppressor; 1-distributor suppressor; 1-dt. shieded cable; 18-inch bonding strap, 1/4-wide, 4-coaxial capacitors. All necessary hardware and complete instructions for installation are included. Shpg. wt., 134 lbs. 42 R 09052 Net 12.95

### E. F. Johnson Solid State In-Converter



12VDC to 24VDC

Permits you to match voltage and polarity from any 6 or 12 volt DC power source to your citizens band equipment. Converts 6 volts DC to 18, 12 volts DC to 24. Inverts polarity from positive to negative to posi-tive. Select any combination of connections in seconds by merely changing one jumper cable. Size: 544"L x 242"H x 334"W. Shpg. wt., 244 lbs. 42 R 39190

Net 22.95

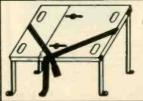
### LAFAYETTE **CB PHONE PATCH**



 Ideal for Emergency Phone Calls Using Your CB Transceiver

Talk anywhere in the world from your car or Talk anywhere in the world from your car of truck. Simple Installation allows your telephone to be connected to your CB communications system. For use with 3-16 ohm speakers and high impedance microphone inputs. Modufation gain control to compensate for varying line levels. On-off switch disconnects patch when not in use. Dimensions: 4¼"W x 176"H x 2"D. Shpg., 1¼ lbs. 42 R 01638 Net 15.95

### **CB** Transceiver Auto-Mount



Adjustable—Fits all Transceivers

Screws firmly to floor, 1" strap holds transceiver firmly in place. Easy access to all controls. Steel construction, Size: 10½" to 1434" wide, 1034" long. Rear height: 536", front height 9". Shog wt., 5½ lbs. Net 7.95

# Lafayette CB Replacement Parts & Accessories

12 VOLT DC POWER CABLE



one hot red lead and one plack ground lead. One end of assembly terminates in a rugged 3 contact female plug, ready for mating with chassis power socket. The opposite end terminates in lugs for solid connections to the battery point and ground. connections to the pattery point and glound, Midway in the line is a durable plastic holder containing a protective fuse, Features well soldered connections, strong wire. Overall length approximately 6 feet long. For HB-500, A, HB-555, HB-525 Series, HB-625, HB-32 Testa 150, Testa 50, HA-750, PB-50, PB-150, HA-39, 42, 45, 46, 153, 155, HA-159, PB-150, HA-39, 42, 45, 46, 153, 155, HA-159, PB-150, HB-37, HB-150, HB-37, HB-150, HB-37, HB-150, HB-37, HB-150, HB-37, HB-150, HB-37, HB-150, HB-37, HB-99 R 31106 Imported, Wt., 4 oz. Net 2.50

### POWER CHASSIS JACK



Mounts on chassis rear and accepts plug of 12 volt DC power cable 99 -31106 above. Used in HB-500, A, HB-525 Series, HB-625, HB-23, HA-

625. HB-23, HA-750, PB-150, PB-50, HA-39, 42, 45, 46, 153, 155, 159, Telsat 150 and Telsat 50, etc.

99 R 63638 Shpg. wt., 2 oz.

### CABLE ASSEMBLIES



FOR COMSTAT 23, 25, 25A, 25B

AC Cable Assembly, 53/4 ft. of durable cable terminating in dual prong power plug on one end and in 8-prong octal socket on other. Shpg. wt., 5 oz. 99 R 32401 imported Net 1.95

DC Cable Assembly. 4½ ft. fused DC Cable tinned on one end and terminating in octal socket on other. Shpg. wt., 5 oz.
99 R 31825 Imported Net 2.50

For Comstat 23 MK V & MK VI AC Cable Assembly, Shpg. wt., 5 oz. 99 R 32419 Imported

Net 1.95 AC CABLE ASSEMBLIES FOR HE-20, A, B, C; HE-43, A, B, C; HE-45, A, B; HE-50, A, HB-333, Shop, wt., 5 oz. 32 R 09327 Net 1.95

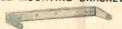
HEAVY DUTY CB MICROPHONE CABLE



#### 3 Conductors Plus Shield

A durable coiled cord, retractable micro-phone cable with 3 insulated conductors, one of which is shielded. Extends to 5 feet and retracts to 10 inches. Is used with Lafayette HB-500. A, 525 Series, HB-625. Telsat 23, Telsat 50, Telsat 150, Micro-12, etc. Imported. 99 R 63620 Shpg. wt., 4 oz. ... Net 2.49

MOBILE MOUNTING BRACKETS



Complete with top mounting holes, and with adjustable side mounting holes for knurled screws. Used in Lafayette HB-525 Serles. HB-625, HA-750, PB-50 and PB-150, Telsat 50, Telsat 150, etc. 634x2x34". Imported. 99 R 63588 Shpg. wt., 5 oz. Net 1.49 Same as above but for Lafayette HB-535, HB-23. HA-39. 42. 45. 46. 153. 155, HA-159. 6¼x2¼x¾". Imported. 99 R 63596 Shpg. wt., 4 oz. ... Net 1.49

### TELESCOPING ANTENNA

Attractive and highly efficient 12 section chrome plated brass telescoping antenna for "walkie talkie" transbrass telescoping antenna for "walkie talkie" trans-ceivers. Measures 52" fully extended and 57%" retracted. Has #8-32 threaded stud and nut at bottom for easy mounting, and soldering lug for electrical connection. Shpg. wt., 5 oz. Net 1.95

#### LAFAYETTE MINIATURE MICROPHONE CONNECTORS



(A) Microphone Plug for CB and Amateur Microphones. Precision engineered and sturdily constructed. Plug takes any 4 conductor

(or 3 conductor with shield), coiled cord or straight cable. Features threaded retaining ring for positive locking, integral cable retaining clamp, and polarizing keyway. Size: 114"1 x ½", x ½", x d. and Marizing keyway. Size: 114"1 x ½", 99 R 62630 Shpg. wt., 3 oz. Net 1.49

(8) Microphone Chassis Socket (a) Microphone Chassis Socket
Mounts on equipment chassis or
panel and mates with 99.62630
plug. Size: %" x %" bla. Requires %" mounting hole. Used in Comstat
23, MKV, MKVI, Comstat 25A, 258, HB-444/
25A. Comstat 19. Imported. Wt. 3 oz.
Net .89
R 62648



#### MICROPHONE PLUG

Attractive, sturdy plug used with HB-555, HB-600, HB-600A, HA-650, HE-20D, HB-525 Series, HB-625, HE-20T, HB-23, HA-750, Tel-sat 23, Telsat 150, Telsat 50 and Micro-12 microphones. Four male prongs on one end with retaining cable clamp on the other end. Sturdy molded plastic body with plated metal housing. Size: 5%" OD x 1½" overall. Imported. Shpg. wt., 4 oz. 99 R 62838

### MICROPHONE CHASSIS SOCKET



Mounts on chassis rear of equipment, Accepts of equipment, Accepts and mates with micro-phone plug 99 R 62838 above, Used in HB-555, HB-600, A, HA-650, HE-

20D. H8-525 Series H8-625, HE-20T, HB-23, HA-750, Telsat 23, Tel-sat 50, Telsat 150 and Micro-12. Imported. 99 R 63646 Shpg. wt., 2 oz. .... Net .99 ILLUMINATING PILOT LAMPS

S Meter Illuminating Lamp. Operates on 6 volts AC or DC. Used in Lafayette Com-stat 23, MKV, MKVI, Comstat 25, Comstat 25A, 25B, HB-444/25A. Imported, Shpg. wt., 3 oz.

99 R 62622 Net .34 Channel Selector Diaf Indicator Lamp. Used Channel Selector Dist Indicater Lamp. Used in Lafayette HB-500, HB-525Series, HB-625, HB-600, HE-20D, HE-20T, HA-39, 42, 45, 46, 153, 155, HA-159, HA-750, Telsat 150, Telsat 50, PB-50, PB-50, PB-50, PB-150, Micro-12. Imported. 99 R 63612 Shpg. wt., 2 oz. .....Net \_29

### CB CONNECTOR ADAPTERS



A) Adapts from an auto antenna plug (Motorola type) to an \$0-239 socket. Wt., 4 oz.

B Adapts from PL-259 plug to a standard auto radio antenna jack (Motorola type). 4 oz. 42 R 22022' Shpg. wt., 4 oz. Net 1.29

Depend on Lafayette For Complete Stocks, Lowest Prices, Fastest Service

#### GENERATOR NOISE FILTER

Freq. Range 3-30 MHz

Simple to Install . Adjustable



Enables quiet receiver operation for Citizens Band, Amateur and industrial frequencies. Stand-29 ard frequency range 3-30 MHz. Maximum current 25 amps, imported.

99 R 60188 Shpg. wt., 5 oz. ... Net 2.29

#### VOLTAGE REGULATOR FILTER



· Will Operate on 6-12-24 & 32 Volt Systems at all Frequencies

Eliminates noises in communication receivers caused by points in voltage regulator. Not voltage or frequency critical—no tuning required. Wt., 5 oz. 42 R 89013 Net 3.95

### ALTERNATOR NOISE FILTER



highly effective filter for alternator equipped automobiles. Attenuates alternator noise by 50 db. Can operate up to 32 volts DC. Results in quiet mobile receiver operation. Shpg. wt., 4 oz. Net 3,49

### TUNEABLE ALTERNATOR FILTER



 Handles Up To 52 Amps. 22-60 MHz Range

Designed for ultimate in mobile alternator noise sup-pression. Can also be used with Amateur and Business Band mobile rigs. Tunes 22-60 MHz. Adjustable frequency trimmer rating 52 amps continuous, Shpg. wt., 1 lb. 42 R 44026 .....Net 11.45

### TRANSISTORIZED VIBRATORS



Ideal replacement for oldfashioned mechanical vibrators. Direct replacements for 4-pin, 12-volt vibrators in CB mobile rigs, auto radios and commercial communications equipment. Eliminate vibrator hash and replacements due to sticking contacts. Mandles up to the starts. tacts. Handles up to 4 amps because of matched transistor complement and exclusive transformer design. Size 3"H x 142"O.D. Shpg. wt., 8 oz.

For Vibrator Sockets with pin #1 Positive For Vibrator Sockets with pin #1 Negative.

#### KNURLED SCREW



For Lafayette Comstat 23, MKV, MKVI, Com-stat 25, Comstat 25A, 258, HB-444/25, 99 R 31833 Shpg. wt., 2 oz. .....Net .45

Lafayette Cat. No. 720

### **LAFAYETTE Industrial Pocket Pager**



Frequency Tuning Fork Filters (Any Two Listed Below)
99 R 35529 817.5Hz 99 R 355
99 R 35537 862.5Hz 99 R 355

922.5Hz

0 997.5Hz Net ea. 4.95

REACH YOUR MAN ON THE MOVE INSTANTLY, QUIETLY, PRIVATELY!

EXCELLENT for: Factories, Hospitals, Warehouses. Farms, Research Compounds, Department Stores. Sports, etc.

CONTACT: Doctors, Nurses, Plant Engineers, Supervisors, Maintenance Men, Security Personnel, Department Heads, and other Key Personnel.

- . Up to 230 Vital People At Your Fingertips!
- Save Busy Switchboard Time and Money!
- Minimize Disturbing Non-Private Paging!

Lafayette's Industrial Selective Pocket Pager introduces a new concept in realistic, economical local communications with vital personnel normally on the move. By inserting or clipping the Pocket Pager into your shirt pocket you can easily be reached by your superior who operates a Lafayette solid state 27 MHz transceiver to which is connected a Lafayette selective Encoder-Decoder. With the Priva-Com IIIC Encoder-Decoder up to 23 different people can be called vocally with a private message. With the Lafayette Priva-Com 10 selective calling Encoder-Decoder up to 230 different people can be contacted privalely. The selection of the transceiver channel corresponding to the frequency of the individual you wish to call, followed by the activation of the call button on the Priva-Com unit breaks the Pager's silence with an audible tone and permits the message to be heard through the Pager. Activation of the reset switch returns the Pager to silent standby. This amazing little Pager features an 18-transistor, 5-dlode superneterodyne circuit with RF stage for 0.7 µv. sensitivity, mechanical filter for superior selectivity, an internal ferrithe bar antenna, an earphone/external speaker lack, etc. It is supplied complete with channel 6 crystal, plus 2 dummy filters required for operational check prior to actual use. It requires the Insertion of any 2 of the tuning fork filters listed below. cept in realistic, economical local communications with vital perrequires the insertion of any 2 of the tuning fork filters listed below.

The Pager uses one 5.4-volt mercury battery or one 5-volt nickel cadmium rechargeable battery. Size: 51/61 x 25/6W x 15/16\*D. Shpg. 11/2 lbs. Less Tuning Filters and Battery.

99 R 35602L No Money Down Net 49.95
Alternate Receive Crystal. For any CB channel from 1 to 23. (specify

†See Page 444 on How to Order Crystals. 5.4 Volt Mercury Battery (1 required)

Pkg. of 2 Net

32 R 46741 Alternate 5-Volt Nicad Rechargeable Battery. Shpg. wt., 3 oz. 32 R 67010

99 R 35610 Nicad Battery Charger. Wt., 1% lbs. Net 40 R 79018 Earphone for Pager Net

#### LAFAYETTE RECOMMENDED **ECONOMY PAGER SYSTEMS**



### 12 CHANNEL PAGING SYSTEM

- Lafayette Model HE-20T 27 MHz Transceiver Plus Channel 6 Transmit Crystal
- Lafayette Priva-Com IIIC Encoder-Decoder
- 1/2 Wave Indoor Antenna with cable and connector Lafayette Industrial Pocket Pager Plus Tuning Fork Filters

Recommended for systems requiring private communication with up to 12 different individuals or with any number of people using up to 12 different channel frequencies. The Pager channel freup to 12 different channel frequencies. The Pager channel frequencies are pre-determined by the frequencies of the crystals in the HE-20T which is supplied initially with crystals for channel 9. Eleven additional pairs of crystals are required for 12 channel operation. Crystal frequency in each pager must match the associated HE-20T channel. A channel 6 transmit crystal for the HE-20T and 2 tuning fork filters for the pager are supplied for complete compatibility. Complete pages are 19.00 for the compatibility. Complete pages are 19.00 for the compatibility. compatibility. Complete system; Shpg. wt., 224/4 lbs. 42 R 92173WXM No Money Down\*
See Page 444 for additional crystals for HE-20T.

Net 204.95

Priva-Com 10 Antenna



#### 23 CHANNEL PAGING SYSTEM

- Lafayette HB-600 27 MHz Transceiver
- Lafayette Priva-Com IIIC Encoder-Decoder
- 1/2 Wave Indoor Antenna with Cable and Connector
- Lafayette Industrial Pocket Pager Plus Filters

Recommended for systems requiring private communication with up to 23 different individuals, or with any number of people using up to 23 different individuals, or with any number of people using up to 23 different channels. The HB-600 is supplied complete with all crystals required for the 23 different channels. The crystal frequency of each pager must match the transceiver's channel it is supposed to receive. Shpg. wt., 23 lbs. 8 oz.

42 R 92181WXM No Money Down\*

Net 329.95

#### 230 CHANNEL PAGING SYSTEM

Same system as above except with Lafayette Priva-Com 10 Instead of Priva-Com IIIC. Permits transmission of private messages to up to 230 different individuals and to many times that number with semi-private messages. Sh

See Page 22 for Full Credit Details on Easy Pay Plan

# Lafayette Priva-Com® Encoder-Decoders

SAVE MONEY - SAVE TIME - BOOST EFFICIENCY



Only 995 No Money Down\*

#### 23 Transistors, 13 Diodes, and 5 Tuning Fork Filters

Expertly designed solid state circuitry features push-button selection and communications with any one of 10 mobile stations at any one time, or with any assorted quantity of remote stations using up to 10 different dual tone frequencies. The remote mobile remains quieted until the call signal from the Priva-Com 10 activates the receiver. When the remote or mobile station initiates a call to the base station, the Priva-Com 10 indicator lamps signal and identify the call. With a



3495 No Money Down\*

Using an ingeniously designed ceramic and resonant tuning fork circuitry instead of conventional reed relays, the diminutive Priva-Com IIIC is exceptionally adaptable for reliable mobile as well as fixed station performance. Its dual tone signal minimizes the possibility of the transceiver speaker being turned on by stray ignition and power line signals. The Priva-Com IIIC mutes the receiver. When its call switch is activated, either at base or mobile stations, the CB receiver is activated and the indicator light goes on. This light stays on until

## PRIVA-COM® 10 SOLID STATE SELECTIVE ENCODER-DECODER

- Increases Paging Channels by 10 Times
- Push-button Selection of Any one of 10 Dual-Tone Frequencies
- Indicator Lamps Signal and Identify Incoming Calls
- External Speaker/Horn Switch and Terminals
- Dual Tone Minimizes False Triggering On Stray Signals
- Compatible With Priva-Com III, IIIA, IIIB, IIIC and IV
   Mates Directly With NO SEE AND COLOR AND COLOR
- Mates Directly With MB-555, MB-525A,B,C, MB-600, ME-20T, and Telsat 23 CB Transceivers With a Built-in Priva-Com Socket.

remote speaker or horn connected to the external speaker/horn terminals an audible signal can be heard with the incoming call. Increases number of channels by 10 times when used with Lafayette Pocket Pager. Attractively styled with brushed aluminum panel and oiled walnut wood case. For 115 volt AC 50/60 Hz operation. Size: 101/8°W x 77%"D x 334"H. Shpg. wt., 734 lbs. Imported.

99 R 31619W

PRIVA-COM® IIIC SOLID STATE ENCODER-DECODER

For Lafayette 12 Volt Solid State CB Transceivers

- 9 Transistors plus 2 Diodes
- Dual Tone Minimizes Stray Signal Interference
- Mates Directly with Lafayette HB-5555, HB-525A, HB-525B, HB-525C, HB-600, HE-20T, and Telsat 23 CB Tranceivers that have a Built-in Priva-Com Socket.
- Compatible with Lafayette
   Priva-Com III, IIIA, IIIB, IV and Priva-Com 10

manually reset. The Priva-Com IIIC, features simple-to-operate pushbutton switches for Standby, Normal (Reset) and Call; a Volume Control; Indicator Light; and a sturdy mobile bracket for mounting under dash, under transcelver, etc. Supplied with 2 ping-in selective ceramic and resonant tuning fork filters, one for 817.5 Hz, and one for 997.5 Hz tone frequencies. Sizet 11/4"H x 33/4" x 61/4."D. Imported. Shpg. wt., 24/2 is.

PLUG-IN TUNING FORK SELECTIVE FILTERS for LAFAYETTE PRIVA-COM® IIIA, IIIB and IIIC Choice of any two different frequencies listed below for those wishing to vary their Priva-Com IIIA, IIIB and IIIC frequencies. Shpg. wt., 2 oz.

99 R 35529 For 817.5 Hz 99 R 35537 For 862.5 Hz

99 R 35545 For 922.5 Hz 99 R 35552 For 967.5 Hz 99 R 35560 For 997.5 Hz Each Net 4.95

LAFAYETTE PRIVA-COM IV ENCODER -DECODER

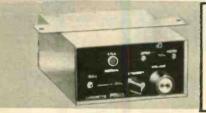
Similar to Priva-Com 111C except used with Lafayette Comstat 25A and with Comstat 25B's that have selective call socket and circuitry. Compatible with Priva-Com 111 A. B, C, and 10. Shpg. wt., 3 ibs.

Net 34.95

#### TUNING FORK FILTERS FOR PRIVA-COM® III and IV

To vary your Priva-Com frequencies. Select any two frequencies below not already supplied. Shpg. wt., 2 oz.

99 R 31189 For 817.5 Hz 99 R 31197 For 862.5 Hz 99 R 31205 For 922.5 Hz 99 R 31213 For 967.5 Hz 99 R 31221 For 997.5 Hz Each Net 4.95



29<sup>95</sup>

This highly dependable encoder-decoder mutes the CB receiver until a Priva-Com dual tone signal is received. Upon receipt of this signal the incoming call indicator light goes on, the horn or external alarm, if connected to the Priva-Com, is operated and the receiver speaker is activated for audible communications. Both base stations or mobiles can initiate calls. Is not compatible with Priva-Com IIIA. IIIB, IIIC or 10. Size  $4\frac{1}{16}$ " x  $2\frac{1}{16}$ " x  $2\frac{1}{16}$ " x  $2\frac{1}{16}$ . Shpg. wt.,  $2\frac{1}{16}$  lbs.

42 R 01497 For Tube Transceivers Net 29.95

\*See Page 22 for Full Credit Details on Easy Pay Plan

### PRIVA-COM® V ENCODER-DECODER

- 10 Dual-Tone Frequency Capability
- Incoming Call Indicator Light
- Operates Horn or External Alarm
- Mates Directly with Lafayette Comstat 25, 25A, 25B†
   Tube Type CB Transceivers that have Built-in Priva-Com Socket.

#### ADAPTER FOR PRIVA-COM V FOR SOLID STATE CB TRANSCEIVERS.

Adapts Priva-Com V for direct mating and efficient performance with Lafayette HB-525, A, B, and C, HB-600, HE-20T, and Telstat 23 solid state CB transceivers with built-in Priva-Com socket. 42 R 01570 Shpg. wt., 1 lb. Net 9.95

†Present Comstat 25B no longer has Priva-Com socket.

Lafayette Cat. No. 720 453

### Lafayette Economy CB 2-Way Radio Systems



for both AM broadcast and CB. Shpg. wt., 71/4 lbs. 42 R 92017WXM No Money Down

**SAVE \$8.55** From Individual Catalog Prices Only

Ground Plane Range Boost II

**HB-512** 

**Base Systems** Consists of: Lafayette Mini-Mobile Micro-12 12 Channel Crystal-Control Solid-State CB Transceiver; HB-512 AC Power Supply; heavy duty Ground Plane Antenna; 50' RG-8/U Cable Assembly. Shpg. wt., 1842 lbs.

42 R 92033WXM No Money Down\*

Net 113.95 Same as above except with "Range Boost II" 1/2 wave end-fed antenna. Shog. wt., 201/4 lbs.
42 R 92041WXM Net 120.95

### MODEL HB-23A ECONOMY 2-WAY RADIO SYSTEMS

Net 84.95



SAVE \$4.90 From Individual Catalog Prices

Same as above except with Bumper Mount Antenna. Wt., 10¾ lbs: 42 R 92025WXM Net 86.95

No Money Down\*



**SAVE \$6.55** 

From Individual Catalog Prices

No Money Down\*



Boost II



Cable

#### Mobile Systems

Consists of: Lafavette Model NB-23A Solid-Consists of: Laragette multi-No-2A Solito-State CB Transceiver with 23 channel crystal control capability; stainless steel Body Mount Antenna; and 20' RG-58/U Cable Assembly. Shpg. wt., 1134 lbs.

42 R 92207WXM. Net 106.95

Same as above except with Bumper Mount instead of Body Mount Antenna, Wt. 11% lbs. 42 R 92215WXM Net 108.95

Base Systems

Consists of: Lafayette Model HB-23A Solid-State CB Transcelver with 23 channel. Crystal control capability; HB-502B AC Power Supply; heavy duty Ground Plane Antenna; 50' RG-8/U Cable Assembly, Wt., 25 lbs.

HB-23 A

42 R 92223WXM Net 135.95

Same as above except with "Range Boost II" deluxe 1/2 wave end-fed antenna, Wt. 27 lbs.

Net 142.95

### MODEL HB-525E 23 CHANNEL 2-WAY RADIO SYSTEMS



SAVE \$7.90 From Individual

No Money Down\*



**SAVE \$9.55** From Individual

No Money Down



Range Boost II

HB-\$25E

HR-5028





**Mobile Systems** 

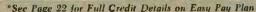
Consists of: Lafayette Model HB-525E 23 Channel Solid-State CB Transceiver; stainless steel Body Mount Antenna; 20' R6-58/U Coaxlal Cable Assembly. Shg. wt., 13¼ lbs. 42 R 92249WXM Net 153.95

Same system as above except with Bumper Mount instead of Body

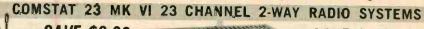
42 R 92256WXM Wt., 131/4 lbs. Net 155.95 **Base Systems** 

Consists of: Lafayette Model HB-525E 23 Channel Solid-State CB Transcelver; HB-502B AC Power Supply; heavy-duty Ground Plane Antenna; 50' RG-8/U Low Loss Cable Assembly. Wt., 214 lbs. 42 R 92264WXM Net 182.95

Same as above except with "Range Boost II" deluxe 1/2 wave endfed antenna. Wt., 23 lbs. 42 R 92272WXM



## LAFAYETTE Economy CB 2-Way Radio Systems



SAVE \$6.60 Ground No Money Down\*



SAVE \$6.80

Catalog Prices

No Money Down'



Cable

Body Mount

**Base Systems** 

Consists of: Lafayette Comstat 23 Mark VI 23 channel crystal-controlled CB trans-ceiver; a heavy duty Ground Plane Antenna, and 50° of RG-8/U low-loss cable assembly. 42 R 91563WXM Wt., 25¼ lbs. ... Net 125.95 N 91563WXM Wt., 25¼ lbs. Net 125,95 Same system as above except with "Range Boost II" delux ½ wave end-fed antenna lastead of ground plane antenna, 42 R 91571WXM Wt., 27 lbs. Net 132,95



42 R 91597WXM

Consists of: Lafayette Comstat 23 Mark VI Consists of: Latayette Comstat 23 Mark VI 23 channel crystal-controlled CB trans-ceiver; 12 volt DC Power Supply; stainless steel Body Mount Antenna; Mobile Mounting Bracket; 20' Cable Assembly, Wt. 2734 lbs. 42 R 91599WXM Net 132.95 Same system as above except with Bumper Mount Antenna. Shpg. wt., 273/4 lbs.



TELSAT 924 23-CHANNEL 2-WAY RADIO SYSTEMS

SAVE \$7.60

From Individual Catalog Prices

No Money Down®



SAVE \$6.90 From Individual Catalog Prices

No Money Down



Body

Cable

Range Boost II

Ground Plane

**Base Systems** 

Consists of: Lafayette Telsat 924 23-channel crystal-controlled CB transceiver; heavy-duty Ground Plane Antenna; and 50' RG-8/U cable assembly. Shpg. wt., 23% lbs. Net 154.95

Same system as above except with "Range Boost II" high gain 1/2 wave length base station antenna. Shpg. wt., 25½ bs.
42 R 92298WXM Net 161.95

Mobile Systems

MODHE Systems
Consists of: Lafayette TELSAT 924 23-channel
crystal-controlled CB transceiver; stainless
steel Body Mount Antenna, 20' R5-58/U coaxial cable assembly. Shpg. wt., 20½ lbs.
42 R 92306WXM
Net 144.95

Same system as above except with Bumper Mount instead of body mount antenna. Shpg. wt., 201/2 lbs. 42 R 92314WXM

Net 146 95



Plane

COMSTAT 25B 23 CHANNEL 2-WAY RADIO SYSTEMS

SAVE \$8.60

Catalog Prices

No Money Down\*



SAVE \$7.90 From Individual

No Money Down\*



Body



Range

Boost #

Base Systems

Consists of: Lafayette Comstat 25B 23 channel crystal-controlled CB transceiver; heavy duty Ground Plane Antenna; and 50° Re-8/U cable assembly. Shpg. wt., 2814 lbs.
42 R 91605WXM Net 163,95

Same system as above except with "Range Boost II" high gain 1/2 wave length base station antenna. Shpg. wt., 30 lbs. 42 R 91035WXM



Consists of: Lafayette Comstat 258 23 chan-Consists of transceiner; stain-nel crystal-controlled CB transceiner; stain-less steel Body Mount Antenna; 20° RG-58/U coaxial cable assembly, Wt., 251/4 lbs. 42 R 91613WXM

Same system as above except with bumper mount instead of body mount antenna. 42 R 91621WXM Wt., 251/4 lbs. ... Met 155.95



See Page 22 for Full Credit Details on Easy Pay Plan

### **LAFAYETTE Comstat 25B 23 Channel Crystal Control Two-Way Radio**

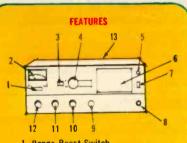


With Standby Switch for Low Current Instantaneous Operation

only No Money Down\*

Famous 23 Channel CB Best Seller!

All Crystals Supplied!



- 1. Range Boost Switch
  2. Illuminated "S"/"PRF" Meter
- 3. Illuminated Channel Indicator
- 4. Single-Knob Channel Selector
- 5. Modulation Indicator Light
- 6. Front Panel PM Speaker
- CB/Public Address Switch
- 8. Headphone/External Speaker Jack
- 9. Positive-Lock Mike Connector
- 10. 2.5 kHz Fine Tuning Vernier
- 11. Volume Control/Power Switch
- 12. Adjustable Squelch Control with Standby Switch for Low Drain Instant Operation
- 13. T.V. Interference Trap (Rear)

- 17 Tube Performance with 11 Tubes, 2 Transistors and 11 Diodes
- Built-in 117 VAC, 12 VDC Solid-State Power Supply
- Dual Conversion Receiver Features 8/10 μV Sensitivity
- Range Boost Circuitry for Added Talk Power
- PiNetwork and Low Pass Filter for Maximum Power Output
- Vari-tilt Mounting Bracket

The pace-setting Lafayette Comstat 25B, with its high performance circuitry for excellent mobile and base station operation, features a handsome midnight-black and contrasting brushed aluminum front panel with complementary multi-colored illuminated "S-PRF" meter and attractive control knobs. A 2.5 kHz total spread fine tuning vernier facilitates accurate reception. Highly selective circuits greatly suppress adjacent channel interference (—45db). Variable squeich quiets receiver between calls. Crystal frequency synthesizer enables operation on all 23 CB channels with crystals sunoiled. No enables operation on all 23 CB channels with crystals supplied. No extra crystals are necessary! Built-in dual purpose power supply allows 12-VDC mobile and 115-VAC base station operation. Front panel switch converts transceiver to a handy 4.5 watt public address amplifier. A convenient front panel jack for headphones or external extension speakers for CB/PA is provided. Comstat 258 also features push-to-talk relay switching and plug-in ceramic microphone with colled cord. Complete with varitiit mounting bracket which facilitates both easy mounting and entiremy nositioning of cet as well as cert. both easy mounting and optimum positioning of set as well as serving as an adjustable table top base. With FCC License Application Form 505. Size: 12Wx81/2Dx5"H. Imported. Shops. wt., 191/2 lbs. Net 149.95 99 R 32146W

### The Popular Mobile Favorite!

## LAFAYETTE HB-525E Solid-State Mobile CB 2-Way Radio

23 CRYSTAL CONTROLLED CB CHANNELS



- 19-Transistors, 10-Diodes, 1-Thermistor Dual Conversion For High Selectivity
- Variable Squelch Plus Series Gate Automatic Noise Limiting
- Pi-Network for Optimum RF Output
- Mechanical 455 kHz Filter
- Large Automatic S/Prf Illuminated Meter
- Advanced RF Overload Protection (Pat. Pend.)
- 3-Position Crystal Delta Tune
  Transmit and Receive Indicator Lights
- Advanced AGC for Outstanding Audio Range Boost™ Circuitry for Added Talk Power P.A. Amplifier with External Speaker
- 4 x 6" Speaker for Better Audio
- 12 Volt DC Operation (Neg. or Pos. Ground) 117 VAC Operation with Optional AC Supply

Lafayette's most advanced model of the famous HB-525 series of CB

MODEL HB-502B AC POWER SUPPLY/CHARGER

For 117 VAC base station operation of HB-525E; also charges HB-506A Nicad batteries. Shpg. wt., 5 lbs.

99 R 32088W

MODEL HB-506A PORTABLE OC POWER PACK Attaches to HB-525E for convenient portable operation, Shpg. wt.,

2 lbs. 99 R 32336W Less Batter es Net 19.95

HB-506A with MD.525E

ALL CB CRYSTALS SUPPLIED

HB-525E

No Money Down\*

Portable

HR-SO2B

**Base Station** 

"C" Long Life Dry Cell (8 req.) for HB-506A. Shpg. wt., 4 oz. 99 R 63687 Net ea. .22; 10 for 1.80

"C" Alkaline, Alternate HB-506A dattery (8 req.)
99 R 63802 Shpg. wt., 4 oz. Net ea.

"C" Nicad, Alternate HB-506A Bartery (10 req.) 32 R 48887 Shpg. wt., 5 oz. Net ea. 3.90

†0.0.C. Permits Legal Operation (n 19 Channels only in 27.00 MHz Thru 27.30 MHz Range.

### **LAFAYETTE Comstat 23 Mark VI**



### 23 Channel Crystal Controlled Two-Way Radio

# Amazing Low Price!

 Dual Conversion Receiver Features 8/10 μν Sensitivity

• 14 Tube Performance with 9 Tubes, and 9 Diodes

 Variable Squelch Control with Standby Switch for Low Drain Instant Operation

Only

1095 No Money Down\*

ALL CRYSTALS SUPPLIED

Pi-Network and Low Pass Filter

 Internal Range Boost Circuitry for Greater Average Talk Power

Built-in 117 VAC Power Supply, Operates Mobile with Optional 12 VDC Supply



Lafayette offers a truly great CB value, the Comstat 23 Mark VI deluxe 5-watt CB transceiver with 23 crystal-controlled channels at an amazingly low price. Crystal synthesizer circuit includes all crystals necessary for active coverage of all 23 CB channels. Features a sensitive and selective dual conversion superheterodyne receiver with 0.8  $\mu$ v sensitivity. A variable squelch control for quieting receiver during "no signal" conditions; full-time automatic noise limiter; and a tape recorder output jack on the rear panel. Audio output is 4-watts into a built-in 3½ in. speaker. RF ouput is coupled through a highly effective pi-network and lowpass filter for maximum energy transfer to the antenna. Matches antennas from 50-75 ohms. Range Boost circuitry is Incorporated for greater average talk power. Includes standby switch for low current drain and instant operation. With facilities for PA and external speaker or phones of 4-8 ohm impedance. For operation on 105-120 volts AC, 50/60 Hz or operates mobile with the use of the optional 12 volt power supply. Size: 12Wx8½2Dx5"H. Imported. Shpg. wt., 16 lbs.

#### - OPTIONAL ACCESSORIES

HA-19 DC POWER SUPPLY, Permits 12 volt mobile operation with negative or positive battery ground, 6Wx4Hx41/2"D. Shpg. wt., 4 lbs.
42 R 47045W Net 14.95

Mobile Mounting Bracket facilitates under-dash mobile mounting. Imported. Shpg. wt., 2 lbs. 99 R 31874 Net 2.95

# Another LAFAYETTE 2-Way Radio Exclusive!

2 MORE CHANNELS WITH EACH ADDED PLUG-IN CRYSTAL!



23 CHANNEL CRYSTAL CONTROLLED MOBILE 2-WAY RADIO

- ★ Full 5-Watt Maximum Input Power
- ★ Dual Conversion Superheterodyne Receiver
- → With RF Overload Protection (Pat. Pend.)
- \* 'Range Boost' for Greater Range
- Burglar Alarm Switch
- Operates on 12 Volts DC Negative or Positive Ground and 117 VAC with Optional AC Supply
- Portable Operation With Optional Battery Pack
- Simulated Leather Front Panel
- 455 kHz Mechanical Filter
- Variable Squelch Plus Automatic Noise Limiting
- Large 5x3 inch Speaker for Superior Audio

Solid-state ultra compact synthesis CB transceiver features superior automatic gain control and sensitivity, greatly increased dependability, and lower current drain. Synthesis type frequency control section permits economical addition of 2 channels with each additional plug-in crystal. Carefully tuned 455 kHz mechanical filter assures razor sharp selectivity with excellent adjacent channel rejection. Dual conversion receiver with RF stage, features 0.7 µx sensitivity, automatic noise limiting, variable squetch, and push-pull audio amplifier. Transmitter provides full 5 watt legal limit input and "Mange Boost" circuitry for greater average modulation and transmitting range. Bluminated front panel meter monitors "S" units on receive and "PRF" output during transmit. PA Speaker/Earphone jack for silent listening or public address operation. Complete with automatic burglar alarm switch, dynamic push-to-talk microphone, power cable, mounting bracket, fixed crystals for channels 9, 13, and 19, and FCC application Form 505. Size: 6"Wx8"Dx2"H. Imported.

Imported.

99 R 32351WX Shpg. wt, 61/4 lbs.

Package of 10 Plug-in Crystals, Converts HB-23A to full 23 channel operation.

99 R 31742 Shpg. wt, 1 lb. 2 oz.

Net 25.00

HB-502B Solid State 117VAC Power Supply/Charger. Enables operation of HB-23A as a table ton 117 VAC base station, also charges nickel cadmium batteries used in the HB-507.

Net 19.95

Model HB-507 Portable Battery Pack. Adapts HB-23A for convenient portable operation with shoulder strap. Less "C" batteries.

99 R 31551 Shpg. wt, 4 lbs.

Net 19.95

99 R 31551 Shpg. wt., 4 lbs. Net 19
"C" Alkaline Battery for HB-507 (8 req.)
99 R 63802 Shpg. wt., ea. 5 oz. Net ea.

Alternate Nickel Cadmium Battery. Shpg. wt., ea. 5 oz. (10 req.) 32 R 48B87

\*See Page 22 for Full Credit Details on Easy Pay Plan



### OPTIONAL INDIVIDUAL PLUG-IN CRYSTALS

Each Crystal Adds 2 Operating Channels. Inserts into Specified Crystal Sockets, Shag, wt., 2 oz. 99 R 31635 Channels 1 and 5; For Socket A 99 R 31643 Channels 2 and 6; For Socket C 99 R 31650 Channels 3 and 7; For Socket C 99 R 31668 Channels 4 and 8; For Socket D 99 R 31684 Channels 10 and 14; For Socket C 99 R 31692 Channels 11 and 15; For Socket G 99 R 31700 Channels 12 and 16; For Socket I 99 R 31710 Channels 18 and 21; For Socket I 99 R 31734 Channels 18 and 22; For Socket I 99 R 31734 Channels 20 and 23; For Socket L Any One of Above Crystals ... Net each 3.45

HB-502B

### LAFAYETTE MODEL HE-20T 5-WATT SOLID-STATE CITIZEN BAND 2-WAY RADIO



### For Base Station and Mobile Operation

- 12 Channel Crystal Controlled Transmit and Receive
- 23 Channel Tuneable Receive
- 455kHz Mechanical Filter
- "Range Boost" for Extra Talk Power
- Also a PA Amplifier with External Speaker

89<sup>95</sup>

- For 117 VAC Base Station and for 12 VDC (Negative or Positive) Mobile Operation
- TVI trap

†See Page 444 for "How To Order Crystals."

- Spotting Switch for Accurate Reception
- With RF Overload Protection (Pat. Pend.)

Newest addition to the popular HE-20 series of CB transcelvers, This 13 transistor, 10 diode Solid State transceiver is ideal for fixed and mobile communications, Solid-state circultry features low battery drain and provides instant operation; full 5-watt transmitter input with efficient push-pull audio modulator plus 'Range Boost' for greater talk power, and an extra-sensitive superheterodyne receiver with sensitivity of .7µV for 10 db signal-to noise ratio. Fine selectivity and adjacent channel rejection is obtained through a 455 kHz mechanical filter, Receiver also incorporates automatic floating series-gate noise limiter and variable squelch control resulting in virtually no background noise between calls. Other features: dustree transmit/receive relay, earphone jack for headphones or external extension speaker for CB/PA application, illuminated "\$" and relative power output meter, mobile mounting bracket and front panel-mounted 4" speaker. Also features Priva-Com private tone caller socket. Complete with fused DC line cord for negative ground

battery, push-to-talk mike and set of crystals for channel 9. Includes FCC license application form 505. Size 8½Wx434kHx113\*\*\*D. Imported. 99 R 30884W Shpg. wt., 15 lbs. No Money Down\* Net 89.95

#### OPTIONAL ACCESSORIES

99 R 31064 Positive ground fused 12 VDC cord. Wt., 4 oz. Net 46 R 65 Extra transmit crystal (specify channel)† Net 2.25 ME-20T Modified for 26.62 MHz (C.A.P.) operation 99 R 31023WXY Net 27.575 MHz (GOV'T) operation 99 R 31031WXY Net 29.95 MHz-20T Modified for 27.575 MHz (GOV'T) operation 99 R 31031WXY Net 99.95 ME-20T For 27.575 pius 27.585 MHz (FED.GOV'T) operation Net 99 R 32365WXY Net 109.95



# FOR YOUR WELL BEING... FOR YOUR SAFETY! The World's Smallest 5 Watt 12 Channel Two Way Radio



For: Car, Truck, Trailer, Boat, Tractor, Plane, Snowmobile, Cycle, Etc.

Net ea. 2.25

- 5-Watt Maximum FCC Legal Input Power
- 12-Channel Crystal Controlled
- Highly Sensitive Receiver with RF Stage
- . Full-Time "Range-Boost" for Greater Effective Range
- Variable Squelch for Silent Standby

46 R 10† Receive Crystal (specify channel)

Automatic Noise Limiting Minimizes Noise Pick-up

A boon to 5 watt mobile communications! The Lafayette Micro-12 miniature trail blazer embodies exceptionat versatility and flexibility. Designed and built for extra reliable performance, its compactness and size make it ideal for mobile and portable communications. In addition to the outstanding features listed above the Micro-12 includes a 3-stage transmit circuit with up to 100% modulation capability, an antenna matching adjustment for maximum radiated power, and a highly sensitive receiver with RF stage for 1 µv. sensitivity at 10db S/N. The Micro-12 also features superior zener diode voltage regulation, very low current drain that permits continuous mobile operation—even with the motor off, a TVI trap for minimizing TV interference, an illuminated channel indicator dial, and an 8-16 ohm external earphone/speaker jack for private or remote listening. Supplied complete with push-to-talk dynamic microphone with retractile cord, "quick-release" mobile mounting bracket, channel 10 crystals, DC power lead, and FcC form 505 Size: SW194Hx 792"D. Shpg. Wt., 5 lbs.

98 R 31957W No Money Down\* Net 79.95 EXTRA CRYSTALS FOR MICRO-12.

EXTRA CRYSTALS FOR MICRO-12. 46 R 15† Transmit Crystal (specify channel) Net ea. 2.25

BASE STATION AT HOME OR OFFICE

- Mechanical IF Filter for High Adjacent Channel Rejection
- Operates on 12 Volts DC Negative Ground (Easily Convertible to Positive Ground), on 117 VAC with Optional AC Supply, and With Optional Portable Battery Pack
- Very Low Current Drain: Less than 0.7 Amp. on Transmit
- Miniature Size: 13/4Hx5Wx71/2"D

Micro-12 Modified for 26.620 MHz. C.A.P. 99 R 32310W XY No Money Down\* Net 89.95 Micro-12 Modified for 27.575 plus 27.585MHz. U.S. Gov't. Micro-12 Modified for 27.980 MHz (Coast Guard Auxiliary).
99 R 32393WXY No Money Down\* Net 99.95 Net 89 95

HB-509A Portable Battery Pack. Attaches to Micro-12 for conversion to portable operation. Supplied with telescoping whip antenna, battery condition meter, microphone clip and shoulder strap. Less batteries.

Net 19.95

parteries, 99 R 32260 Shpg, wt., 3 lbs., 5 oz. Alkaline Battery for HB-509A (8 req.) 99 R 63802 Shpg, wt., 3 oz. Alternate Nicad Battery for HB-509A (10 req.) 32 R 48887 Shpg, wt., 5 oz. Net ea. .48 Net ea. 3.90

HB-512 AC Power Supply. Permits 117 VAC operation of Micro-12 and charges optional nicad batteries used in HB-509A. Shpg. wt., 434 99 R 32278 Net 19.95

tSee Page 444 for "How to order Crystals."

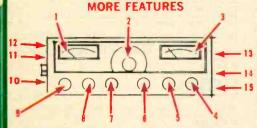


## Lafayette Telsat SSB-25 CB Two-way Radio

TRUE SINGLE SIDERAND PLUS AM 2-WAY RADIO



- Built-in 117 VAC and 12.6 VDC Power Supplies for Base and Mobile Operation
- Suppressed Carrier on Sideband for Greater Talk Power
- "Range Boost" and Automatic Modulation Control
- **Dual Conversion Superheterodyne Receiver with Sensitivity** of 0.5  $\mu$ V on AM and 0.15  $\mu$ V on SSB Built-in Product Detector for Outstanding SSB Reception
- Continuously Variable Fine Tuning for Clarifying SSB and for More Accurate AM Reception
- RF Noise Silencer Circuitry Plus Variable Squelch Large Illuminated Front Panel "S" and P-RF Meters
- RF Gain Control for Reduction of Overloading on Strong Local Signals and for Optimum SSB Reception
- Automatic Burglar Alarm Switch



- Large Illuminated Signal Strength "S" Meter. Illuminated Channel Selector Switch.

- Large Illuminated P-RF
- Output Meter. Noise Silencer, Automatic Noise Limiting and PA Selector Switch
- Lower Sideband, Upper Sideband, AM Selector Switch. RF Gain Control.
- Volume, On-Off Switch. **Fine Tuning Control**

- Variable Squelch Control. Public Address External
- Speaker Jack (Rear) External Auxillary Input Jack for Tuner, Tape,
- Phono, Etc. (Rear). Tape Record Output Jack 13. External Remote Speaker/
- Headphone Jack (Rear) Adjustable Antenna Loading Coil for Maximum RF Output. (Rear)
- Adjustable TVI Filter Network for Minimum TV Interference. (Rear)

Compatible with ALL AM. DSB. and SSB CB Transceivers!

No Money Down\*

- 15 Watts P-E-P SSB Input Power
- Provides 100% Talk Power
- **Crystal Lattice Filter**

Solid-State 2-way Radio has been meticulously designed and engineered for outstanding cilizens band performance. In addition to the deluxe features that result in exceptional conventional 23 channel crystal-controlled AM transmission and reception, the Telsat SSB-25 forges ahead with True-Single Sideband features that result in the addition of 46 more channel modes of operation with much greater effective transmit power, as well as in low noise, highly sensitive reception with a minimum of interference. Its powerful "true" single sideband transmitter, instead of dissipating its power in the carrier and duplicate sideband, concentrates all its power in the single selected upper or lower sideband. You get 100% talk power with far greater effective output and range! The transmitter also features internal RANGE-BOOST circuitry and adjustable antenna loading for maximum RF output. In addition to the highly dependable reception of the 23 crystal controlled AM channels, the superbly engineered dual conversion superfeterodyne receiver receives 46 frequency modes on single sideband (23 on upper and 23 on lower sidebands) and features a crystal lattice filter that provides maximum signal-to-noise ratio crystal lattice filter that provides maximum signal-to-noise ratio resulting in far greater usable sensitivity while rejecting adjacent channel interference. The receiver also features a built-in product channel Interference. The receiver also features a built-in product detector for superior reception of SSB transmissions, continuously variable fine tuning to clarify reception of SSB transmissions and to improve reception of AM stations, as well as unique RF noise silencing circuitry to minimize ignition type noise interference, Supplied complete with Push-to-Talk Dynamic Microphone, AC and DC Power Cables, Mobile Mounting Bracket, and FCC License Form 505. Operates as base station on 117 VAC and mobile on 12.6 VDC. Negative Ground Only. Size: 91/2W x 33/4H x 111/4"D.

Imported. Shpg. wt., 151/2 lbs. 99 R 32377WUX

PLUS

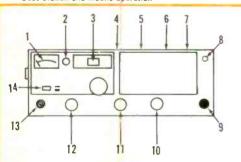
ARAYETTE A 23 Channel Crystal Control CB 2-Way Radio
PLUS



### FLASH...FLASH...FLASH

Blinks The Emergency Monitor... You Switch To CB Channel 9 To HELP SOMEONE IN DISTRESS!

- Dual Conversion 23 Channel Receiver
- . Single Conversion Channel 9 Monitor Receiver
- 7 μν Main Receiver Sensitivity
- 3 Position Crystal Delta Fine Tuning
- . Individual Variable Squelch for Each Receiver
- Public Address Facilities
   R.F. Overload Protective Circuitry
- 455 kHz. Mechanical Filter
- . "Range Boost" for Greater Effective Range
- Built-in 115 Volt AC and 12 Volt DC Power Supplies for Base Station and Mobile Operation



#### **FEATURES**

- 1—Illuminated "S"-PRF Meter 2—Emergency Monitor Blinker Indicator Light 3—Illuminated Channel Selector Dial

- 3- Huminated Channel Selector Dial 4-P.A. External Speaker Jack (Rear) 5-Tape Record Output Jack (Rear) 6-Adjustable Antenna Loading (Rear) 7-Adjustable TVI Trap (Rear) 8- Modulation Indicator Light

- -Microphone Socket
- 10-±1.5 kHz Crystal Delta Fine Tune 11-Individual Normal and Monitor Variable Squeich Controls
- 12 Volume, On-Off Control
  13 Phone Jack for Private Listening
- 14-Norm/Monitor Push Button Switch

### LAFAYETTE TELSAT-924

ONLY 4 No Money Down

### All Crystals Supplied!

A true milestone in the finest tradition of Citizens Band applications, the Lafayette Felsat-924 features a separate receiver for monitoring Emergency Channel 9 and a superb 23 channel crystal control Emergency Channel 9 and a superb 23 channel crystal control synthesis type transmit and receive CB two-way radio in one attractively designed compact unit. When a channel 9 Emergeticy transmission is received, the emergency monitor light blinks without interfering with regular communications. Activate the Normal/Monitor pushbutton switch to the Monitor position and listen to the message. You can immediately try to summon help via phone, etc. If further information is required, push the Normal/Monitor switch to the Normal position, switch to channel 9 on the channel selector switch and communicate directly with the person requiring below switch, and communicate directly with the person requiring help.

The Telsat-924 is excellent for base station and mobile business or personal communications and incorporates an outstanding transmitter with FCC maximum allowable input power and highly efficient power output. It includes "Range Boost" circultry for high average talk power and greater effective range, adjustable antenna loading for maximum RF output to the antenna, a T.V.I. trap for minimum TV interference, and a modulation indicator light.

TV Interference, and a modulation indicator light. The Telsat-924 features two superbly designed receivers. The main 23 channel receiver is dual conversion with .7 µv sensitivity at 10 db S/N, image rejection of 42 db, ±1.5 kHz crystal delta fine tuning for hearing "off channel" stations, Individual variable squelch plus noise limiting, a 455 kHz mechanical filter for excellent selectivity, and R.F. overload protection. The channel 9 emergency monitor receiver features individual variable squelch, and a visual receive indicator light. Additional desirable features are output jacks for external public address speaker, for tape recorder and for headphone for private listening. An illuminated front panel meter monitors "S" units on receive and relative power output on transmit. Supplied complete with dynamic push-to-talk microphone, mobile mounting bracket, DC cable for negative ground vehicles, and FCC license application Form 505. For 115 VAC and 12 VDC operation. Size: 4½ Hz 11½, W x 8-0. Imported. Shpg. wt. 13¼-105 Net 139-95

DC Cable for positive ground vehicles. Shpg. wt., 4 oz.

99 R 31064 1.50 aren't you listening to the two extra channels in your stereo records, tapes, and FM broadcasts?



4 DIMENSIONAL STEREO with the LAFAYETTE 4-Channel Stereo Adapter

Just add the Lafayette 4-channel Adapter and two more speakers to convert your present stereo system to a sensational derived 4-channel stereo surround system.



29<sup>95</sup>

With All Connecting Cables



Add the Lafayette 4 Channel Stereo Adapter and two additional speakers to any existing stereo amplifier or receiver and enjoy multidimensional derived 4-channel stereo sound from regular 2-channel stereo records, tapes, and FM broadcasts. In addition, the adapter is compatible for use with any 4-channel encoded source material. The Lafayette 4-Channel Adapter actually recovers "frefeeted" sounds that already exist on regular stereo recordings but are "rhidden" during conventional 2-channel stereo playback, During a stereo recording session, the microphones pick up two types of sounds direct and reflected, both of which are always included on a stereo recording. Because of the limitations of a conventional stereo system with 2 speakers in the front only, the reflected sounds are not reproduced. The Lafayette 4 Channel Adapter recovers these "reflected" sounds and reproduces them thru two additional rear speakers along with the direct sound from the existing front speakers. Now, the acoustics of the original recording location have actually been introduced into your own listening room. This adds a dramatic new dimension to all existing 2-channel stereo programs—the sound literally envelopes you and becomes astonishingly "live". Unlike others, this adapter preserves full channel separation and does not require an additional stereo amplifier. Connects to any standard stereo amplifier or receiver and 4, 8, or 16 ohm speakers. For even better results from your records, we recomment the Lafayette (Pickering Phase 44 magnetic stereo cartridge (See page 83). The Adapter has a 4-position function switch (Balance, 4-CH, Front Speakers, Rear Only), plus a Rear Speaker Level Control. Phono jacks on rear for easy hook-up to 4 speakers and amplifier/receiver. 3 pairs of cables supplied with hono plugs at one end, One 6 ft. pair for adapter to rear speakers. Dimensions: 534Wx4%\_0x28\*H. Imported.

99 R 02594 Shpg wt., 3 lbs. Net 29.95

See page 18 for Money Saving Packages Featuring the Lafayette 4-channel Adapter and Lafayette Speaker Systems

### LAFAYETTE RADIO ELECTRONICS

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157360777 M T BUCKLEY 2831 FAIRHAVEN AVE ALEXANDRIA VA 22303 BULK RATE

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