

NEW YORK, N. Y.
100 SIXTH AVENUE
TELEPHONE: WALKER 5-8883

CHICAGO, ILL.
901 W. JACKSON BLVD
TELEPHONE: HAYMARKET 0422

ATLANTA, GA.
430 W. PEACHTREE ST., N.W.
TELEPHONE: WALNUT 5140

NEWARK, N. J.
219 CENTRAL AVENUE
TELEPHONE: MARKET 2-1661

BRONX, N. Y.
542 E. FORDHAM ROAD
TELEPHONE: RAYMOND 9-8813

JAMAICA, L. I.
90-08 • 166th STREET
(MERRICK ROAD)
TELEPHONE: REPUBLIC 9-4242

**SPRING AND
SUMMER
CATALOG-68**

Lafayette

RADIOS AND SOUND SYSTEMS

1937

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WHOLESALE RADIO SERVICE CO. INC.

THE WORLD'S LARGEST RADIO SUPPLY HOUSE



5 TUBE A.C. 2 BAND Superhet

THIS Lafayette 5-tube, 2-band, a.c. superhet is truly a winner—it will win your unqualified approval and enthusiasm the moment you see and hear it. And only Lafayette's large scale production makes possible this amazingly low price—a price that is no indication of its fine performance and attractive appearance.

Full 6" Dynamic Speaker

A perfectly matched, 6" electro-dynamic speaker, (unusually large for receivers in this price range), will fill the average home with crisp, life-like reproduction.

Automatic Volume Control

Its tube complement consists of a 6D6, 6A7, 75, 41 pentode power output and an 80 rectifier. Automatic volume control—commonly found only in high-priced sets—is incorporated.

European Reception

The two bands cover 49 to 130 meters and 175 to 555 meters; this provides reception of European short-wave broadcasts, amateurs, police calls, airplane communications and other services. A large illuminated airplane dial simplifies tuning to a marked degree, and lends its beautiful, gold-finished glow to the soft background of the walnut-finished American hardwood cabinet. The entire assembly is compact enough for placement in the book-case, on the mantel or on the night-table in the bedroom.

Model DA-13—Lafayette 5-tube, 2-band a.c. superhet, with tubes. For 110 volts, 50/60 cycles a.c. Size, 15 1/8" x 8" x 8 7/8". Shpg. wt. 19 lbs. Code WAKEN. List \$28.90. **\$14.45**

YOUR COST Add \$2.00 for 220-volt a.c. operation

Lafayette \$14.45 WITH TUBES

NOW YOU CAN ENJOY "PERSONIC EAR"

Listen to your radio without disturbing anyone else in the room. The loud speaker is SILENT—only YOU hear the program. A simple attachment slips under your pillow, under the cushion of your easy-chair or can be held in the hand. The Lafayette model DA-13 can be furnished equipped with this device by ordering: Model DA13-P—Lafayette 5-tube a.c. superhet as described at right, but with "Personic ear." Shpg. wt. 20 lbs. Code WIMON. **\$18.45**



YOUR COST



A Winning Combination



5 TUBE A.C. with DYNAMIC SPEAKER

AT this remarkably low price, you can afford to have a radio receiver in the kitchen, in the youngster's room, in the play cellar, den, etc. Simple to operate, attractive, reliable and unusually efficient. Put it between books, on a dish shelf, on any convenient window ledge or mantel.

Automatic Volume Control

A highly efficient superheterodyne circuit employs a 6D6, 6A7, 75, 41 pentode power output and an 80 rectifier. Annoying fading on distant signals is minimized by the use of automatic volume control.

Tunes Police Calls

Its tuning range of 175 to 555 meters includes many police broadcasts which are always a source of thrills for the stay-at-home listener.

Electro-Dynamic Speaker

Complete enjoyment of the finest musical programs is assured by the use of a matched dynamic speaker of the latest type—an unusual feature for a receiver selling in this price range.

The color blending of dial with cabinet is a revelation in simplicity and good taste. Model D-38—Lafayette 5-tube a.c. superhet, complete with all tubes. For 110 volts, 50/60 cycles a.c. Size, 11 3/8" long, 7 3/8" high, 7 1/4" deep. Shpg. wt. 15 lbs. Code WASOR. List Price \$24.90. **\$12.45**

YOUR COST Add \$1.50 for 220-volt a.c. operation

Lafayette \$12.45 WITH TUBES

The Lafayette "PERSONIC EAR" permits only YOU to hear the radio—the loud speaker on the receiver is SILENT. It is ideal for the small apartment, hospital ward, hotel room and school dormitory. The Lafayette model D-38 described at the right can be obtained with this innovation. Model D38-P—Lafayette 5-tube, a.c. superhet as described at right, but with the "Personic Ear" device. Code WRONA. **\$16.45**

YOUR COST



6TUBE AC-DC 2 Band Superhet

BEAUTY of appearance—ample power—exceptionally fine tone — two band coverage—all these and many more are yours when you own this Lafayette 6-tube a.c.-d.c. superheterodyne. And at a price that is truly hard to beat.

European Reception

Two ranges cover from 49 to 180 and 180 to 550 meters, offering reception of American and European broadcasts, amateurs and police calls.

Six modern tubes are used in the well-engineered superhet circuit: a 6A7, 6D6, 6Q7G, a 25L6G "beam" power output, 25Z5 and a K49C ballast tube which eliminates the "hot cord".

Automatic Volume Control

Its features include an illuminated, calibrated vernier dial, electro-dynamic speaker, front-of-panel band switch and operation from any 110-volt socket, a.c. or d.c. The cabinet is neat, attractive and durable. Selected American hardwoods are used throughout. Built-in aerial.

Model FS-43—Lafayette 6-tube, 2-band, a.c.-d.c. superhet. With all tubes. For 110-volt operation. Size, 13" wide, 7 3/4" high, 6 1/2" deep. Code FOBIA. Shpg. wt. 13 lbs. List \$27.50.

YOUR COST

Export Model

Model FS-44—As above, but incorporates the 800 to 2000 meter band in place of the short-wave band. List Price \$33.50. Code FLAMA.

YOUR COST

Either model for 220-volts, add

\$13.75

\$16.75
\$1.00



\$13.75 WITH TUBES **Lafayette**

Enjoy a "Silent" Radio

Listen to your favorite program whenever you please. The new "Personic Ear" brings reception only to YOU—the loud speaker is SILENT. Ideal for nurseries, bed-rooms, hospital wards, dormitories, etc.

Model FS-43-P—Similar to Model FS-43 described at left, but with "Personic Ear". Code FUSTA. YOUR COST

\$17.75



VALUES THAT Lead the Field



5TUBE AC-DC with Dynamic Speaker

THIS little wonder will exceed your highest expectations. Its unusually low price—made possible only by Lafayette's large scale production—gives no indication of its truly fine quality.

Dependable TRF Circuit

The circuit employed is the reliable, time-tried tuned radio frequency type, and provides exceptional selectivity. Five tubes are used: a 6D6, 6C6, a 43 pentode power output, 25Z5 and a K55BX ballast tube which obviates the annoyance of a "hot cord". The tuning range covers the entire broadcast band from 190 to 555 meters.

Electro-Dynamic Speaker

The set's output is efficiently handled by a matched dynamic speaker which will fill the average home with crisp reproduction.

A built-in permanently connected aerial is part of the set. This can easily be strung around the floor molding, concealed behind the divan, or placed under the rug. This feature plus its a.c.-d.c. operation and the fact that it is small enough to be carried in a grip makes it a favorite with the traveler and week-end—take it anywhere and just plug it in.

Model JA-35—Lafayette 5-tube a.c.-d.c. receiver complete with tubes. For 110-volt operation. Size, 12" wide, 8 3/4" high, 6 1/4" wide. Code JALNA. Shpg. wt. 12 lbs. List \$18.90.

YOUR COST

Export Model

Model JA-36—As above, but with an additional band covering 800 to 2000 meters. Code JEBOS. List \$20.90.

YOUR COST

Either model for 220-volts, add

\$9.45

\$10.45
\$1.00

\$9.45 WITH TUBES **Lafayette**

With the "Personic Ear"

The model JA-35 is available with the new "Personic Ear" device for INDIVIDUAL reception. Model JA-35-P—Similar to model JA-35, but with "Personic Ear". Code JAKOT.

YOUR COST

\$13.45



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7 TUBE AC-DC

Lafayette



2 BAND
Superhet
with
**CATHODE
RAY
TUNING**

HIGHLY SELECTIVE

Not so long ago owners of direct-current receivers listened with envy to the superior tone quality of their neighbors a.c. receiver, and anxiously awaited the expiration of their lease so that they, too, could enjoy the superiority of a.c. radio sets over the d.c. type.

Equally Good On DC

However, those days are past. Modern radio now offers the d.c. home the same fine reception that the owner of an a.c. receiver enjoys. This Lafayette 7-tube, a.c.-d.c. superheterodyne can be plugged into any 115-volt socket and assure the listener of studio-like reproduction, European reception, knife-edge selectivity and more than ample power for the average home.

It makes use of a full-voiced electro-dynamic speaker. Up to 2 watts of energy are obtained from a new type octal power output tube which features the new "Beam" type, highly-efficient operation.

ULTRA-SENSITIVE

An unusually sensitive superheterodyne circuit employs the following tube complement: a 6A7 detector-oscillator, 6D6 i.f., 75 detector - automatic volume control - first audio, 25B6G octal output, 25Z5 rectifier, 6G5 cathode-ray tuning "eye" and a 140R8 ballast tube.

Foreign Reception

The two bands with which this receiver is equipped tune from 46 to 160 meters and from 175 to 555 meters. Intensely interesting evenings can be spent tuning in European short-wave stations, as well as hundreds of amateurs, police calls, aircraft traffic and commercial services. A convenient switch on the front panel permits easy switching from one band to another.

A technical feature of note is found in the inclusion of an intermediate frequency trap to improve i.f. rejection of unwanted signals; this means "cleaner" reception on all bands.

FULL, RICH TONE

The dial is especially novel. A 12:1 ratio drive moves a knife-edge pointer across the face of an extra large dial which offers increased simplicity of tuning. Both bands are calibrated directly so that any station can be found merely by referring to its frequency.

Cathode-Ray Tuning

Makes it possible for anyone to tune this set with hair-splitting precision. Merely watch the "eye" as it blinks. The cabinet is of American hardwood and is appealing in design.

Model EB-15—Lafayette 7-tube, 2-band a.c.-d.c. superheterodyne, complete with all tubes. For 115-volt operation. Size, 14 7/8" wide, 8" high, 7 1/2" deep. Shpg. wt. 17 lbs. List Price \$35.90

Code TEBBA
YOUR COST **\$17.95**

For 220-volt operation, add \$1.00

Lafayette **6 TUBE AC-DC** *Superhet*

**HOUSED IN
THE NEW
COLORED
PLASTICS
TO BLEND
WITH ANY
SETTING**

**A MODERN
SET FOR
A MODERN
HOME**

Add color, cheer, charm and innumerable hours of the world's finest entertainment to your home with these beautifully colored, 6-tube a.c.-d.c. superheterodynes.

In Ivory, Red or Black

The cabinet is of the new molded plastic material, beautifully finished in the color of your choice, clean-cut and smart in appearance. All fittings are designed and colored to match the overall finish.

Dial Has Planetary Drive

It employs the latest, clock-type dial which uses a 5:1 ratio planetary drive. Soft illumination brings out its effective coloring with startling beauty. Calibration is both in meters and kilocycles so that the station you seek can be found quickly and simply.

The band covered is from 540 to 1735 kilocycles (173 to 555 meters), embracing the complete Broadcast band and many police calls.



**"BEAM"
POWER
OUTPUT
DYNAMIC
SPEAKER
BUILT-IN
ANTENNA
BUILT-IN
CODE
REJECTOR**

Six tubes are employed in this powerful superhet circuit: a 6A7, 6D6, 75, 25A6, 25Z5 and a ballast tube. The output provided by the DUO-POWER "BEAM" output tube is 2 watts! This output with a full-voiced dynamic speaker offers brilliant reproduction.

Other technical features include automatic volume control, and an i.f. rejector which does away with the annoyance of code interference. Model C-3—Lafayette 6-tube ac-dc superhet, with tubes. For 105/125 volts. Size, 7x10 1/2 by 5 3/4". Shpg. wt. 12 lbs.

In Ivory. Code GASP. List Price \$31.90.

YOUR COST **\$15.95**

Model C-4—As above, but red. **\$15.95**

Code GELBA. YOUR COST **\$14.95**

Model C-5—As above, but black. **\$14.95**

Code GEMAE. YOUR COST **\$14.95**

For 220-volt operation, add \$1.00

The Personal Radio



Lafayette

6TUBE SUPERHET 3 Bands

18 TO 560 METERS
GIANT 7 INCH DIAL
FOREIGN RECEPTION
DYNAMIC SPEAKER
TONE CONTROL



\$19⁹⁵

ALL the essentials of the radio receiver you are seeking are found in this Lafayette 6-tube, 3-band a.c., superheterodyne.

Unusual Sensitivity

Six of the latest type tubes are used in a circuit developed especially for sensitivity and selectivity; a 6D6, 6A7, 76, 75, 42 and 80 rectifier. Automatic volume control reduces fading and eliminates blasting.

Brilliant Reproduction

Is assured with undistorted power output of 3 watts into an electro-dynamic speaker that will fill your home with studio-like richness and fidelity. Full tone control permits a choice of timbre to suit your personal taste as to bass or treble emphasis.

World-Wide Reception

You are assured innumerable, thrilling evenings as your dial brings you broadcasts from every corner of the globe, the voices of hundreds of amateurs, the terse communications between airplane pilots and ground stations and the ever-exciting police calls. Three bands are furnished; 18-50, 66-187 and 200-560 meters.

A beautiful, oval-shaped dial, fully 6" across, makes tuning a delight for everyone in the family; and its indirectly illuminated black and gold dial blends pleasantly with the rich tones of the walnut cabinet.

Hand-Rubbed Cabinet

In appearance, the DA-20 leaves little to be desired. The highly polished walnut veneer cabinet with its curved, upward sweep and simple, clean-cut lines is a real piece of furniture that will add a cheerful and decorative touch to whatever room it is added. Model DA-20—Lafayette 6-tube, 3 band, a.c. superhet, with tubes. For 110 volts, 50/60 cycles a.c. Size, 18 1/2" wide, 10 1/2" high, 8 1/2" deep. Shpg. wt. 28 lbs. Code WELCE. List Price \$39.90.

\$19.95

YOUR COST For 220-volt a.c. operation, add \$2.00

EXPORT MODEL

Model J-21—Similar to above, but equipped with a 850-2000 meter band in place of the 66-187 meter band. Code EASTO. For 110-220-250 volts, 50/60 cycle a.c. **\$23.45**

YOUR COST



\$16⁸⁵

FEATURE-FOR-FEATURE and dollar-for-dollar this Lafayette 5-tube, a.c., superheterodyne will out-distance any radio receiver available today. Compare its features and its price with anything else within its price range and be convinced.

Sensitive and Selective

Five modern tubes are used in a superheterodyne circuit that is capable of reaching out for trans-oceanic reception, and can discriminate sharply between interfering stations. The tubes are a 6A7, 6D6, 42, 75 and an 80. Automatic volume control is provided for improved reception.

Covers Three Bands

The tuning range is divided into three bands: 18-50, 66-187 and 200-560 meters; thus offering European, amateur, police call, airplane and ship reception. A 4", 3-color, illuminated airplane dial makes tuning the short waves a simple matter for the most inexperienced; all bands are calibrated and commonly-used foreign bands are block-indicated.

A matched electro-dynamic speaker provides excellent tone quality with power to spare—3 watts—more than ample for the average home and its requirements.

Compact—Rugged

The receiver is housed in an attractive, walnut finished cabinet 10 1/2" high, 18" wide and 8 1/2" deep. It is well suited for use as a second receiver in the bed-room, kitchen, office, play-room, etc. Its compact size leads to its portability.

Model DA-11—Lafayette 5-tube, 3-band, a.c. superhet, with all tubes. For 110 volts, 50/60 cycles a.c. Shpg. wt. 27 lbs. Code WAGNA. List \$33.70.

YOUR COST **\$16.85**

Add \$2.00 for 220-volt a.c. operation.

EXPORT MODEL

Model J-33—Similar to above, but for the wave bands. This model covers 17.5-51.5, 193-560 and 780-2143 meters. For 110-220-250 volts, 50/60 cycle a.c. Shpg. wt. 28 lbs. Code EGARE. List \$39.90.

YOUR COST **\$19.95**

Lafayette

5 TUBE SUPERHET 3 Bands

3 WATTS OUTPUT
HIGH SELECTIVITY
DYNAMIC SPEAKER
EXCELLENT TONE
AUT. VOLUME CONTROL



Lafayette
PLUG-IN ANYWHERE!

A.C. OUTLET

D.C. OUTLET

7 TUBE AC-DC SUPERHET



3-Bands

THIS Lafayette 7-tube, a.c.-d.c. mantel-type superheterodyne incorporates every feature sought after by the discriminating radio purchaser. Its tone is superb, it employs the new tuning "eye," has a full range, electrodynamic speaker, offers European reception, is a handsome piece of furniture and—of considerable importance—is priced amazingly low!

Uses Tuning "Eye"

The distance fan can hunt to his heart's content. Three wave bands offer reception of American and European short-wave broadcasts, amateurs, police calls, ships at sea, airplane traffic; these bands are: 18-55, 60-175 and 175 to 555 meters. Tuning for DX is simplified by the use of a giant, 5-color, illuminated airplane-type dial which is calibrated directly.

Automatic Volume Control

To assure long-distance reception and hair-splitting selectivity, full use is made of the very latest superheterodyne circuit. Its seven tubes are as follows: a 6A7, 6D6, 75, 43 pentode power output, 25Z5 rectifier, metal ballast and a 6E5 tuning "eye." Sensitive automatic volume control is included to minimize fading.

With Dynamic Speaker

Tone quality is excellent. An electrodynamic speaker of the latest type fed by the pentode power tube offers brilliant reproduction of the entire musical range.

Use It Anywhere

Merely plug it into any 110-volt socket, either a.c. or d.c. You needn't worry whether the current in your home is correct for this receiver; nor need you worry as to the current in the home into which you intend moving—if you do move.

Because of its compact size it is ideal for installation in the book-case, on the mantel, on the window-ledge or for the night-table. Use it as a "second" set in the play cellar, den, kitchen or bed-room.

Model 8A-19—Lafayette 7-tube, 3 band, a.c.-d.c. mantel-type superhet, with tubes. For 110-volt operation. Size, 16" long, 9 3/4" high, 7 1/2" deep. Shpg. wt. 20 lbs..
Code CLARE.
List Price \$43.90.
YOUR COST **\$21.95**
Add \$1.00 for 220 volt operation.

6 TUBE AC-DC 3-BAND SUPERHET

THE simple but striking appearance of the Lafayette model A-22 catches everyone's eyes. Modernistic, but not tricky in design, it is the type of furniture that fits well in practically any home.

The fine walnut veneer cabinet, the attractive black and chromium framed dial, the decorative loud speaker grille—all contribute to the beauty of this fine Lafayette product.

Excellent Circuit

The handsome external appearance is matched by internal technical excellence. A sensitive, selective superhet circuit uses a 6A7, 78, 75, 25Z5, 43 pentode power output and an L49B ballast tube.

Dynamic Speaker

It boasts a full-voiced 6 1/2" electrodynamic speaker, automatic volume control, 3-gang tuning condenser, 6 tuned circuits, and phonograph jacks—the last a great convenience for the owners of turntables and lovers of phonograph recordings.

It covers three intensely interesting wave bands: 18-50, 75-200 and 200-550 meters. No matter where you are or when you listen, the A-22 will always provide radio pleasure.

Plug It In Anywhere

The a.c.-d.c. operation is a feature that makes this set truly a universal one. It works on 110 to 125 volts d.c. or 40/60 cycles a.c., and works on 220 volts with a simple adaptor. Model A-22—Lafayette 6-tube, a.c.-d.c., 3-band superhet, with tubes. For 110 volts a.c. or d.c. Size, 19 3/4" long, 10 1/4" high, 8" deep. Shpg. wt. 21 lbs. Code WURKA.
List Price \$39.90.
YOUR COST **\$19.95**

EXPORT MODEL

Model A-26—Similar to above, but tunes 18-50, 200-550 and 850-2000 meters. Shpg. wt. 21 lbs. Code WILBA.
List Price \$43.00.
YOUR COST **\$21.50**
Add \$1.00 to either for 220 volts

PERFORMANCE PLUS!

9 TUBE AC-DC SUPERHET



3 Bands

TAKE YOUR CHOICE:

Domestic Model
16-51; 50-174 and
166-555 Meters

Export Model
16-51; 166-555 and
870-2060 Meters

Of course you can! There is nothing easier than to tune in stations from every corner of the globe with this Lafayette world-stroller. And with a musical quality that will make you glad that music is here to lend its proverbial enchantment. Naturally, it will get you much more than cross-ocean broadcasts—there are amateurs, police calls, airplanes in flight, ships at sea and innumerable American stations that will flood your home with lilting rhapsodies—if you care for that—or with the stirring bars of the world's finest music.

Uses Magic Tuning "Eye"

According to our engineers who have delved into its secrets, it performs so superbly because it "has the stuff." It boasts a full 8" electro-dynamic speaker, automatic volume control, tone control, over-load-proof diode detector, noise minimizing control and an r.f. pre-selector on all bands. The tuning "eye" (a 6GS), is part of the dial and winks at you whenever it wants to tell you that you have tuned your station in perfectly. Other tubes used are a 6K7G, a 6ABG, a 6B8G, a 6Q7G, 2-25L6G, and 2-25Z6G.

Unusual performance must be matched with unusual appearance. We accomplished this by obtaining a hand-rubbed, walnut product of the cabinet-maker's highest art.

Model C-48—Domestic model Lafayette 9-tube a.c.-d.c., 3-band superhet for 110/120 volt operation, complete with tubes. Size, 23½" wide, 11¼" deep, 13" high.

Shpg. wt. 37 lbs.
List Price \$85.00.

Code GREBO.

YOUR COST

\$42.50

Model C-47—Export model; similar to above except for addition of long-wave band listed above. Code GELMA.

YOUR COST

\$42.50

Both above for 220-volt operation add \$3.00.

Model C-46—8-tube export model similar to Model C-47, but for 115/230 volts, 50/60 cycle a.c. ONLY. Code GOMAT

YOUR COST

\$42.50

EUROPEAN BROADCAST BAND

13 to 2220 Meters

We can remember, not so long ago, when a "good" radio receiver boasted a dozen or so knobs and dials, occupied the better portion of the dining room table, could bring in Pittsburgh on a cold, crisp night, and possessed what was known as "good tone."

But that period of radio's growing pains is over. Today, the Lafayette ALL-WAVE, 7-Tube a.c.-d.c. receiver will bring you stations from every part of the world with incomparable beauty of tonal reproduction.

"Tune-Ease" Dial

Its operation is so simple that every one in the family can tune in any desired program. A new, full-vision, precision-gear dial reads at a glance and provides the fine control necessary for foreign reception.

Plug it in anywhere—it operates on 110 volts alternating or direct current; you needn't worry about the type of current when moving.

Tuning is truly all-wave—13-30, 30-75, 75-200, 200-545 and 850-2220 meters—everything on the air.



7 TUBE AC-DC 5-BAND SUPERHET

A wide-range, 8" electro-dynamic speaker provides the quality which has made this Lafayette model famous. Back of this loud speaker is sufficient reserve power for more than average home needs. You can reduce the volume to soft soothing strains, or provide ample dance music for your parties—in either case its quality is superb. Technical features include automatic volume control, tone control and phonograph jack should you desire to add a phonograph unit for the reproduction of recordings.

Fine Walnut Cabinet

Tubes used are 2-6K7's, a 6A8, a 6Q7, a 25A6, 25Z6 and an L42C ballast tube. All are the most advanced type. Model A-23—Lafayette 7-tube a.c.-d.c. 5-band superhet for 110/120 volts. Complete with tubes. Size, 21½" long, 11¼" high, 9" deep. Shpg. wt. 28 lbs.

List \$63.00.

Code WITMA. **\$29.95**

YOUR COST

Add \$1.00 for 220 or 250-volt lines.

Specify voltage when ordering.

DON'T OVERLOOK ATTRACTIVE RADIOS — PAGES 101 to 114

Lafayette

7 TUBE, 3-BAND A.C. SUPERHET

POWER — sensitivity — selectivity — fine reproduction — appearance — world-wide reception — long, trouble-free operation and — last but not least — low cost. All of these — and more — are found in this unusually fine mantel-type superheterodyne.

With Tuning "Eye"

The seven latest-type tubes are: a 6A7, 6B6, 75, 76, 6G5 cathode-ray "eye", 41 lower pentode and 80 rectifier. Automatic volume control is used for better reception and reproduction.

Variable Tone Control

A modern electro-dynamic speaker offers studio-like tones that can be colored as to bass or treble emphasis by means of an octo-selective tone control.

European Reception

Foreign reception is a proven fact with this receiver. It covers the 3 bands that are of greatest interest to the listener: 8 to 50, 66 to 186 and 200 to 560 meters. and switch is on the front panel.

These bands take in European short-wave broadcasts, the 20, 40, 80 and 160 meter amateur bands, airplane communications, police calls, ship and other short-wave service, as well as the standard American broadcasts. You will never have a dull moment.



\$23⁹⁵
WITH TUBES

Unsurpassed!

**WORLD-WIDE
RECEPTION**

Model DA-31 — Lafayette 7-tube, 3-band a.c. superhet, with tubes. For 110 volts, 50/60 cycles a.c. Size, 8 1/2" deep, 19" long, 10 1/4" high. Shpg. wt. 25 lbs. Code WALLA. List \$47.90.

YOUR COST

\$23.95

Add \$2.00 for 220 volts a.c.

EXPORT MODEL

Model J-13 — Covers 18-50, 850-2000 and 200-560 meters. Powered for 110-220-250 volts, 50/60 cycle a.c. Code ECCOT. List \$55.00.

YOUR COST

\$27.50

7 TUBE 3 Band AC All-Wave SUPERHET

WITH CATHODE-RAY TUNING

WOULD you enjoy the thrill of having a radio receiver that can offer you everything you desire in radio? That is both a fine musical instrument and a beautiful addition to your home? Then this Lafayette 7-tube, 3-band console superheterodyne is the receiver of your choice.

Powerful Superhet Circuit

Seven tubes are employed in this unusually sensitive and selective circuit: 1-6A7, 1-6D6, a 75, 76, 6G5 cathode-ray tuning "eye", 42 pentode power output and an 80 rectifier. Automatic volume control prevents blasting when tuning across the dial and maintains distant stations at a constant level.

Complete Three-Band Coverage

The complete range is split up into three bands: 18 to 50 meters, 66 to 186 meters and 200 to 560 meters. These bands offer endless hours of entertainment in bringing you European broadcasts, airplanes in flight, amateurs throughout the country, police calls and various other short-wave broadcasts.

Full-Range Dynamic Speaker

A special, heavy 8" electro-dynamic speaker reproduces the entire audible spectrum with stirring fidelity. Every note reaches you with the flawless quality with which it entered the microphone at the studio. A tone control offers additional listening pleasure by permitting bass or treble shading to suit your personal taste as to timbre.

A giant, oval-shaped illuminated airplane dial, with a knife-edge pointer makes tuning a simple process.

Cabinet construction is in the modern manner, of selected walnut veneer in a beautiful design: rounded corners, grained instrument panel, curved sides and bottom, and straight-line grille front pillars.

Model D-30—Lafayette 7-tube, 3-band a.c. console superhet, with tubes. For 110 volts 50/60 cycles a.c. Size, 37" high, 20" wide, 9 1/2" deep. Shpg. wt. 56 lbs. Code WACKE. List \$59.00.

YOUR COST

\$29.95

Add \$2.00 for 220-volt a.c. operation.

\$29⁹⁵
WITH TUBES



DON'T OVERLOOK ATTRACTIVE RADIOS — PAGES 101 to 114

Lafayette

THE MANTEL MODEL

is preferred by some, while others lean toward the console type shown below. The choice of cabinet is yours, but you have no choice in the technical perfection offered you by these 8-tube, ALL WAVE superheterodynes. You must accept the peerless performance and the outstanding beauty—the precision electrical and mechanical design—the guaranteed world-wide reception—the long life, trouble-free operation.

Each chassis is CUSTOM-BUILT to the rigid specifications of the latest laboratory developments.

8" Dynamic Speaker

Both models use a full 8" electro-dynamic speaker, tuning "eye", automatic volume control, the new tone expander circuit, tone control and the new "BEAM SPOT" TUNING on a large, gold-backed glass dial. Full coverage of all waves is offered from 16.4 to 568 meters with NO SKIPS. The chassis is fully floated on rubber, as is the 3-gang tuning condenser.

Additional technical information is given below. The semi-modern cabinet is of hand-rubbed walnut veneer and measures 23 1/4" wide, 13" high and 11 1/4" deep.

Model B-81—Lafayette 8-tube, 3-band mantel receiver. For 90/135 volts, 50/60-cycle a.c. operation. Complete with all tubes. Shpg. wt. 42 lbs. Code BINES. List Price \$79.50.

YOUR COST **\$39.75**



\$39⁷⁵
WITH TUBES

16.4
To
568
Meters

Cathode-Ray "Eye"
New Tone Expander
"Beam Spot" Tuning
High-Fidelity Switch



Designed by Experts

8 TUBE 3 Band AC all-Wave SUPERHET

IN A CONSOLE CABINET

Never before has so much radio value been offered for so little money! This beautiful console cabinet houses the same chassis and speaker described above and is an exquisite example of modern design. It stands fully 38" high, is finished in walnut veneer and hand-rubbed to a brilliant mirror-like surface. It must be seen to be fully appreciated—and heard to realize its superior technical construction.

Maximum Sensitivity On All Bands

In addition to the features outlined above, the chassis employs an ultra-sensitive superheterodyne circuit using eight of the latest type metal tubes: three 6K7's, a 6C5, a 6Q7, a 6F6, a 6G5 and a 5Z4MG full-wave rectifier. Complete graduation in tone from low bass to brilliant highs is enabled through a full-range tone control. Also included is a high-fidelity switch to spread the selectivity of the intermediate frequency circuits, allowing the passage of all frequencies to assure greater range of audio reproduction.

Automatic Bass Compensation

A tone compensating circuit is used to automatically increase high and low frequency response at reduced volume.

The console sides are finished in solid walnut veneer with rounded front of butt walnut. Overall dimensions are 22 3/4" wide, 38 3/4" high and 10 3/4" deep.

Model B-82—Lafayette 8-tube, 3-band console receiver, complete with tubes. For 95/130 volts, 50/60 cycle a.c. Shpg. wt. 66 lbs. Code BLIRE. List Price \$97.00.

YOUR COST **\$48.50**

Chassis, Speaker and Tubes

Model B-80 — Lafayette 8-tube, 3-band chassis speaker and tubes. For 95/130 volts, 50/60 cycle a.c. Size, 13 3/4" wide, 10 3/4" high, 9 1/4" deep. Code BRAVE. List \$69.50.

Shpg. wt. 32 lbs.
YOUR COST **\$34.75**
Models described on this page are available for 220-volt a.c. operation. Add \$2.00.

\$48⁵⁰
WITH TUBES



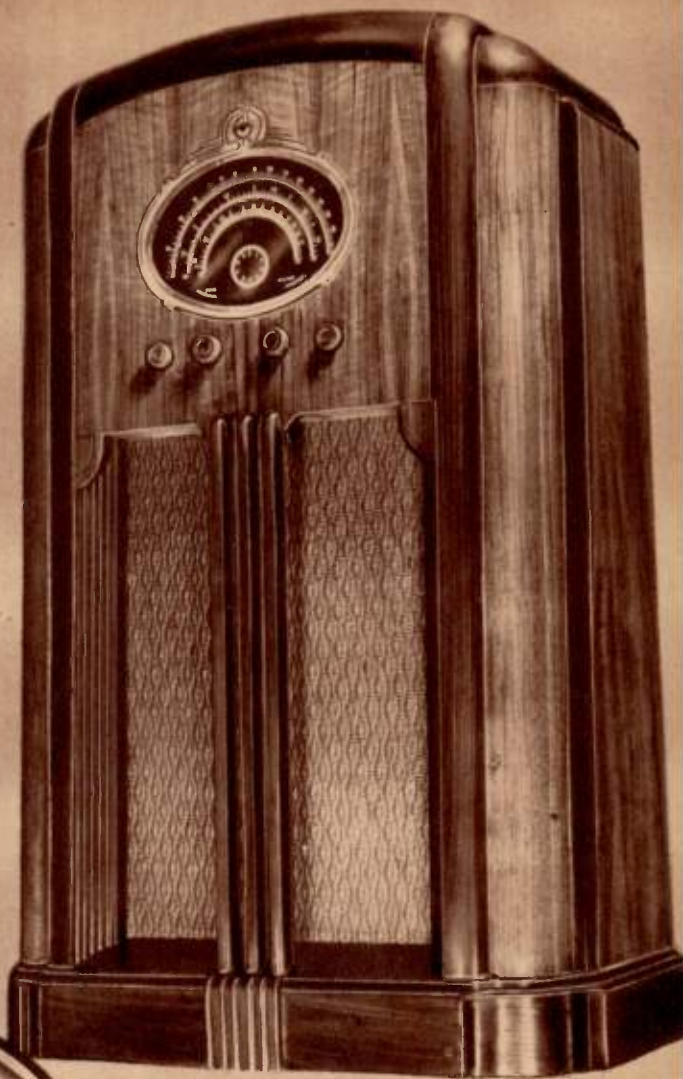
30 DAY FREE TRIAL OFFER—SEE PAGE 112

*"We're Staying in
we never enjoyed
Radio so much before!"*

LAFAYETTE ELEVEN TUBE ALL-WAVE SUPERHET



- Automatic Base Compensation
- Improved 12" Dynamic Speaker
- Micrometer Logging Indicator
- 8-Watts Undistorted Output
- Automatic Dual Ratio Tuning



CUSTOM-BUILT THROUGHOUT

LAFAYETTE presents this 11-tube, all-wave, console superheterodyne for the discriminating purchaser who desires to possess and enjoy a superior instrument. No modern radio development has been omitted; it is as fine a product as hand-craftsmanship can produce.

Tone Expander and Control

The following tube line-up gives the ultra-modern superheterodyne circuit tremendous power, sensitivity and selectivity: four 6K7's, three 6C5's, two 6F6's, a 5Z4 and a 6G5 tuning "eye." Automatic compensation provides increased response of high and low notes ordinarily lost at reduced volume; and a full range tone control permits either bass or treble emphasis of reproduction to suit the personal taste.

Uses High-Fidelity Switch

With the tone control in the extended treble position, a special high-fidelity switch acts upon the intermediate frequency circuits allowing the passage of a wider band of frequencies. This assures maximum faithfulness of reproduction. Still another aid to finer tone is the cathode-ray tuning "eye", assisted by the radically new "BEAM SPOT" tuning dial. COMPLETE COVERAGE OF ALL SHORT-WAVES AND THE BROADCAST BANDS IS HAD WITH THREE BANDS: 16.4-568 meters with NO SKIPS. European reception is an established fact.

The console cabinet fully matches the technical perfection of the chassis. It is of magnificent, hand-rubbed walnut veneer, with simple and arresting lines that bespeak quality and good taste.

Model 8-88—Lafayette 11-tube, all wave, console superheterodyne with all tubes and 12" dynamic speaker. For 95/130 volts, 50/60 cycles a.c. Size, 26" wide, 41½" high, 14" deep. Shpg. wt. 86 lbs.

Code WRIST. List Price \$135.50.
YOUR COST.....

\$67.75

CHASSIS, SPEAKER AND TUBES

Model 8-87—Chassis and speaker as described above, less console. With all tubes. Size, 16½" wide, 9¾" high, 10½" deep. Shpg. wt. 41 lbs. Code WREMO. List Price \$99.00.

YOUR COST.....

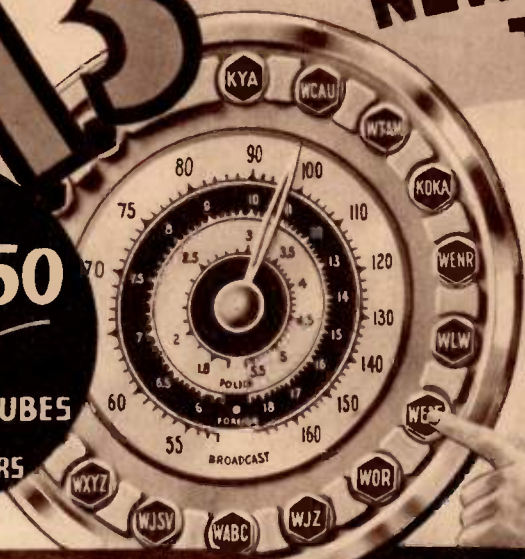
\$49.50

Either above models for 220-volt a.c. operation, add \$3.00.

Lafayette

TUBE SUPERHET with NEW TELE-DIAL TUNING!

\$99.50
Complete with TUBES
and
TWIN SPEAKERS



TWO 12" Auditorium Speakers

- ★ Automatic Base Compensation
- ★ Three Continuous Tuning Bands
- ★ Two Push-Pull 6L6 "Beam" Power Output Tubes
- ★ 20-Watts Undistorted Output

A S modern as tomorrow! The new TELE-DIAL is truly a radical step forward in simplifying the radio receiver. Seventeen station control buttons are arranged around the periphery of an 8 1/2" dial enclosing a conventional pointer-type dial with 5" scale, bearing complete calibrations for manual operation of the dial when desired.

Can Be Adjusted By Anyone

The initial adjustment of the TELE-DIAL requires no special knowledge or tools; all necessary adjustments are made from the front of the panel in a few moments, and are accurate regardless of the inexperience of the person making them. The mechanical adjustment on the average automatic tuning dial is accurate to only approximately 7 1/2 kc. as compared with up to 2 1/2 kc. on the Lafayette TELE-DIAL!

A bi-metallic thermostatic condenser is incorporated to compensate for drift caused by temperature changes, and improved sealing of condensers eliminates drift caused by variation of atmospheric moisture content.

The powerful superhet circuit employs thirteen of the latest type tubes as follows: one 6U7 r.f. amplifier on all bands; one 6CS oscillator; one 6J7 mixer; two 6K7's as i.f. amplifiers; one 6H6 double diode; two 6CS audio and a.v.c.; two 6L6 "Beam Power" output tubes; two 5Y3G rectifiers; one 6G5 tuning "eye." Full, natural quality of reproduction is retained at low volume by an automatic compensating circuit; delayed automatic volume control is a further aid to reception.

Covers 16.4 to 568 Meters

This range is continuous and is divided into three bands: 16.4-52.2, 51.8-175 and 173-568 meters—the world of short and standard wave broadcasts is at your finger tips.

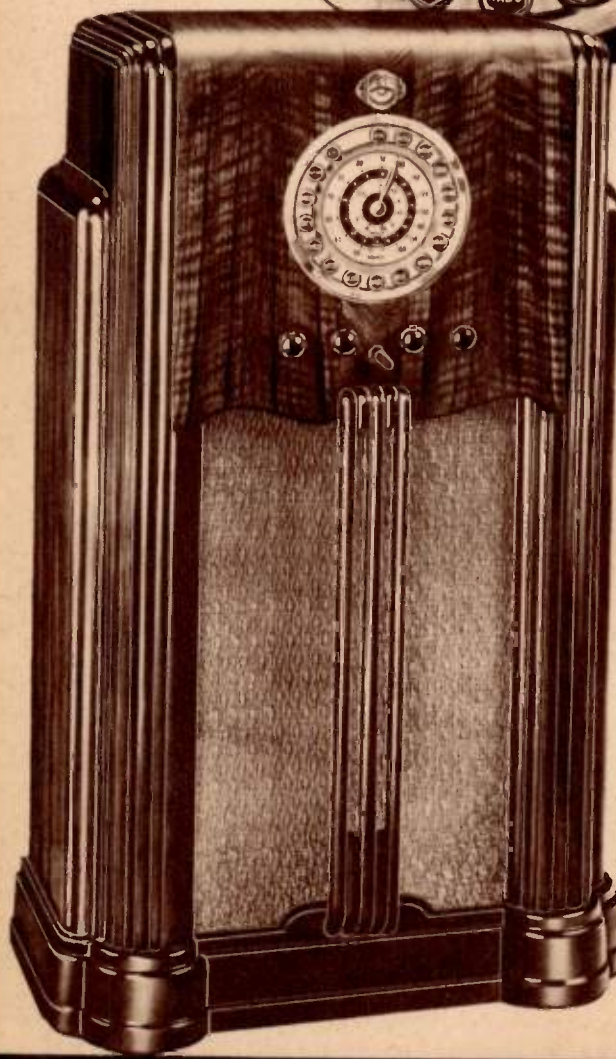
The power transformer works on any 50/60-cycle a.c. voltage from 95 to 130 volts without adjustment.

Model B-96—Lafayette 13-tube, 3-band console superhet with Tele-Dial tuning, all tubes and two 12" speakers. Size, 43" high, 26 1/2" wide, 12 3/4" deep.

Shpg. wt. 110 lbs. Code BELVA.
List Price \$199.00. YOUR COST **\$99.50**
Model B-98—As above, less Tele-dial. YOUR COST \$87.50
Add \$3.00 additional for 220-volt a.c. operation.

Chassis, Tubes and Speakers Only

Model B-95—Chassis, tubes and speakers only, with Tele-Dial as above. 20 1/8" wide, 12 1/2" high, 12" deep. Shpg. wt. 68 lbs. Code BERET.
List Price \$148.50. YOUR COST **\$74.50**
Model B-97—As above, less Tele-Dial. YOUR COST \$62.50



ADDITIONAL SETS ON PAGES 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120



12 TUBE AC-DC Lafayette

SUPERHET 4 Bands - 16^{TO} 2060 M.

ONLY Lafayette can offer so much in radio for so little in cost. In this 12-tube, a.c.-d.c., all-wave superheterodyne, modern engineering has produced a receiver that is equally excellent on both direct current and alternating current.

Uses R.F. Stage On ALL Bands

Full use is made of twelve high-gain, multi-purpose tubes; they include a 6K7, 6A8, 6B8, 6Q7, three 25Z6's, a 6G5 cathode-ray tuning "eye" and FOUR 25L6 "BEAM" POWER TUBES.

10" Electro-Symphonic Speaker

Tone quality has been emphasized in its design to an unbelievable extent. The entire audio range is reproduced with uncanny fidelity and thrilling brilliance; automatic volume control maintains reception at a constant output.

Fully Variable Tone Control

A unique tone control offers a choice of emphasis from bass to high treble and serves also to minimize back-ground noises if present. Another of the numerous features found in this receiver is the new Vision Master, multi-colored dial scale with two-speed tuning and automatic band indicator.

All short, standard and long broadcast waves are covered from 16 to 2060 meters in four bands. The entire assembly is housed in a tastefully designed mantel-type cabinet, finished with polished walnut veneers. Dimensions, 23 7/8" high, 16 1/4" wide, 13" deep.

Model C-61—Lafayette 12-tube, a.c.-d.c., all-wave superhet mantel-type receiver, with all tubes. For 110-volt a.c.-d.c. operation. Code GEBOT. Shpg. wt. 50 lbs. List Price \$109.50.

YOUR COST

\$54.95

Add \$3.00 for 220-volt operation.

11-TUBE A.C. MODEL

Model C-52—As above, but designed for 110/250 volt, 50/60 cycle a.c. operation. Uses 11 tubes. Code GUBIR. List \$109.00.

YOUR COST

\$54.50

*Lafayette
Beam
power
Tubes*

16 TUBE AC-DC

SUPERHET 5 Bands - 5^{TO} 2060 M.

THE Lafayette 16-tube, a.c.-d.c., all-wave superheterodyne is a technical achievement in that it is capable of superb tonal beauty, easy-to-get world-wide reception, covers practically every broadcast frequency now in use in any part of the world, is housed in an exquisitely designed mantel-type cabinet.

Cathode-Ray Tuning "Eye"

The ultra-sensitive circuit used incorporates the new Centro-Master automatic control unit and employs the following tubes: five 6K7's, a 6G5 tuning "eye", 6L7, 6Q7, 6CS, three 25Z6's and FOUR 25L6 "BEAM" POWER TUBES.

Automatic Tone Control

Every modern development for the improvement of reproduction is embodied in this set. Manual tone control permits choice of timbre to suit the personal taste. Automatic compensators further assist in assuring full-range reproduction; every note is heard—not "lost". The new Prizmatone high-fidelity circuit permits wide band passage in the i.f.'s as an insurance of quality in the audio circuit. Inter-station noise suppression is still another guarantee of listening pleasure.

Covers EVERY Wave Band

Practically every broadcast band in use today is covered by this receiver; five bands are used to range from 5 to 2060 meters. Other features include: panel-controlled phonograph jack, a stage of r.f. pre-selection ON ALL BANDS, variable selectivity, diode detection, improved Vision-Master dial scale with precision, vernier second hand, and a 10", auditorium type dynamic speaker ordinarily used in commercial sound systems.

The cabinet is an outstanding thing of beauty. It is sturdily constructed and finished in matched walnut veneers hand-rubbed to a mirror-like surface; size, 23 7/8" high, 16 1/4" by 13". Model C-65—Lafayette 16-tube, 5-band, all-wave, a.c.-d.c., superhet mantel-type receiver, with tubes. For 110-volt, a.c.-d.c. operation. Shpg. wt. 50 lbs. Code GLEB1. List Price \$139.00.

YOUR COST

\$69.50

Add \$3.00 to above price for 220-volt operation.



10 June in the World on these Superb Receivers



Radiotron

**RADIO
TUBES**

SIX MONTHS GUARANTEE

RCA Radiotron Tubes are the standard of excellence the world over, and we back them up with as broad a guarantee that has ever been placed on a radio tube. We guarantee that each tube will give efficient, satisfactory service for six months—should any tube purchased from us fail to do so, we will cheerfully and promptly replace it. Burnouts and broken glass are exceptions.

10% ADDITIONAL DISCOUNT

Servicemen and dealers will find it profitable to make their tube purchases at Wholesale Radio Service Co., Inc. An additional discount of 10%, deducted from "Dealer's Cost" prices, is available with each purchase of 25 tubes or more. Take advantage of this offer by purchasing a sufficient number of tubes to avail yourself of this extra discount.



SPECIAL OFFERS!

New RCA Pencil



A special, automatic "Resistor Guide" pencil that will save you time and trouble. Just rotate colored bands to correspond with your unknown resistor, and presto, you know the value. W-21913—YOUR COST \$1.50 FREE with purchases totalling 50 RCA radiotrons.

TECHNICAL BOOKS



Complete Tube Manual

192 pages of data, circuit design and applications. W19963—YOUR COST **20¢**

Above FREE with purchases of 25 RCA Radiotrons.

Socket Layout Guide

Tubes and layout diagrams of all sets from 1932. W19962—YOUR COST **39¢**

Above book FREE with purchases of 50 RCA Radiotrons.

Cathode Ray Book

Latest data on all cathode ray tubes. W19990—YOUR COST **30¢**

Above book FREE with purchases of 50 RCA Radiotrons.

Imprinted Stickers For Glass or Metal Tubes



Newly designed tube stickers for use with either glass or metal type tubes. Imprinted with your name, address, city and state (be sure to supply this information when ordering). In rolls of 1,000 stickers. **YOUR COST \$1.00**

Above FREE with purchases of 100 RCA Radiotron tubes.

FREE! FREE! FREE!

To all purchasing RCA Radiotrons from Wholesale Radio Service Co., Inc. — Decalcomanias — Dummy Tube Cartons — "O. K." Tags—you need only ask for them; they'll help you.

GLASS TYPE TUBES

Type No.	List Price	Net Cost	Type No.	List Price	Net Cost	Type No.	List Price	Net Cost
00-A	\$2.00	\$1.11	12A7	\$2.00	\$1.11	49	\$1.20	\$.65
01-A	.70	.37	12Z3	1.10	.60	50	2.25	1.38
1A4	1.75	.95	15	2.00	1.11	53	1.50	.81
1A6	1.50	.81	19	1.20	.65	55	1.25	.68
1B4	2.00	1.11	20	2.00	1.11	56	.80	.43
1B5 25S	1.25	.68	22	1.50	.81	57	1.10	.60
1C6	1.75	.95	24A	1.00	.54	58	1.10	.60
1F4	1.50	.81	25Z5	1.20	.65	59	1.50	.81
1F6	2.00	1.11	26	.70	.37	71A	.80	.43
1V	1.10	.60	27	.80	.43	75	1.10	.60
2A3	2.25	1.38	30	.80	.43	76	.80	.43
2A5	1.20	.65	31	.90	.49	77	1.20	.65
2A6	1.20	.65	32	1.50	.81	78	1.20	.65
2A7	1.50	.81	33	1.25	.68	79	1.50	.81
2B7	1.50	.81	34	1.50	.81	80	.70	.37
5Z3	1.00	.54	35	1.00	.54	81	2.00	1.11
6A4/LA	1.50	.81	36	1.10	.60	82	1.10	.60
6A6	1.50	.81	37	.90	.49	83	1.10	.60
6A7	1.35	.73	38	1.10	.60	83V	2.00	1.11
6B7	1.50	.81	39/44	1.10	.60	84/6Z4	1.50	.81
6C6	1.20	.65	40	1.00	.54	85	1.20	.65
6D6	1.20	.65	41	1.10	.60	89	1.50	.81
6E5	1.50	.81	42	1.20	.65	V99	1.50	.81
6F7	1.75	.95	43	1.20	.65	X99	1.50	.81
6G5	1.50	.81	45	.80	.43	112A	.90	.49
10	2.25	1.38	46	1.35	.73	874	4.00	2.75
11	2.00	1.11	47	1.25	.68	876	6.00	4.25
12	2.00	1.11	48	3.00	1.83	886	8.00	5.75

G-SERIES OCTAL BASE

Type	List	Net	Type	List	Net	Type	List	Net
1C7G	\$2.00	\$1.11	5X4G	\$1.50	\$.81	6K5G	\$1.35	\$.73
1D5G	2.00	1.11	5Y3G	1.00	.54	6K6G	1.35	.73
1D7G	1.75	.95	5Y4G	1.00	.54	6K7G	1.35	.73
1E5G	2.00	1.11	6A8G	1.50	.81	6L6G	2.25	1.38
1E7G	2.75	1.72	6C5G	1.25	.68	6L7G	1.75	.95
1F5G	2.00	1.11	6F5G	1.25	.68	6N7G	1.75	.95
1F7G	2.00	1.11	6F6G	1.35	.73	6Q7G	1.35	.73
1H4G	1.00	.54	6H6G	1.25	.68	6R7G	1.35	.73
1H6G	1.75	.95	6J5	1.20	.65	6X5G	1.50	.81
1J6G	1.35	.73	6J7G	1.50	.81	25A6G	1.50	.81
5U4G	1.50	.81				25B6G	1.75	.95
5V4G	2.00	1.11				25Z6G	1.50	.81

ALL-METAL TUBES

Type No.	List Price	Net Cost	Type No.	List Price	Net Cost	Type No.	List Price	Net Cost
5W4	\$1.00	\$.54	6F6	\$1.35	\$.73	6Q7	\$1.35	\$.73
5Z4	2.00	1.11	6H6	1.25	.68	6R7	1.35	.73
6A8	1.50	.81	6J7	1.50	.81	6X5	1.50	.81
6B8	1.75	.95	6K7	1.35	.73	25A6	1.50	.81
6C5	1.25	.68	6L6	2.25	1.38	25L6	2.25	1.38
6F5	1.25	.68	6L7	1.75	.95	25Z6	1.50	.81
			6N7	1.75	.95			



RAYTHEON

THE ONLY
4 PILLAR TUBES
IN FACTORY SEALED CARTONS

RELIABLE
Lafayette
TUBES
IN FACTORY SEALED CARTONS

10% ADDITIONAL DISCOUNT

Raytheon and Lafayette tubes are fully guaranteed for a period of six months from date of purchase (burnouts and broken glass excepted). We will gladly exchange any tube that fails to perform satisfactorily within this period of time.

SIX MONTHS GUARANTEE

An additional discount of 10%, from "Your Cost" prices, is available with each purchase of 25 or more Raytheon or Lafayette tubes. Take advantage of this offer to increase your profits by purchasing tubes in quantity lots.

RAYTHEON AND LAFAYETTE GLASS TYPE TUBES

Type No.	List Price	LAF. Your Cost	RAY. Your Cost	Type No.	List Price	LAF. Your Cost	RAY. Your Cost	Type No.	List Price	LAF. Your Cost	RAY. Your Cost	Type No.	List Price	LAF. Your Cost	RAY. Your Cost
01-A	\$0.70	\$0.29	\$0.35	6D6	\$1.20	\$0.49	\$0.62	35	\$1.00	\$0.45	\$0.51	76	\$0.80	\$0.35	\$0.41
1A4	1.75	.75	.90	6E5	1.50	.67	.77	36	1.10	.49	.57	77	1.20	.55	.62
1A6	1.50	.68	.77	6E6	2.00		1.05	37	.90	.39	.47	78	1.20	.52	.62
1B4	2.00	.89	1.05	6F7	1.75	.80	.90	38	1.10	.48	.57	79	1.50	.67	.77
1B5	1.25	.58	.64	6G5	1.50		.77	39	1.10	.49	.57	80	.70	.29	.35
1C6	1.75	.75	.90	6N5	1.75		.90	40	1.00		.51	81	2.00	.98	1.05
1F4	1.50		.77	6Z4	1.50	.67	.77	41	1.10	.45	.57	82	1.10	.45	.57
1F6	2.00		1.05	12A5	2.25	.98	1.31	42	1.20	.49	.62	83	1.10	.48	.57
1-V	1.10	.45	.57	12A7	2.00	.90	1.05	43	1.20	.49	.62	83-V	2.00	.90	1.05
2A3	2.25	.99	1.31	12Z3	1.10	.49	.57	45	.80	.35	.41	84	1.50	.67	.77
2A5	1.20	.49	.62	25Z5	1.20	.49	.62	46	1.35	.56	.69	85	1.20	.55	.62
2A6	1.20	.49	.62	10	2.25	1.10	1.31	47	1.25	.54	.64	89	1.50	.65	.77
2A7	1.50	.65	.77	12-A	.90	.38	.47	48	3.00	1.35	1.74	V99	1.50	.65	.77
2B6	2.50	1.10		19	1.20	.51	.62	49	1.20	.56	.62	X99	1.50	.65	.77
2B7	1.50	.65	.77	20	2.00	.90	1.05	50	2.25	1.20	1.31	182B	2.00		1.05
2E5	1.50		.77	22	1.50	.67	.77	52	2.00		1.05	183	2.00	.90	1.05
5Z3	1.00	.43	.51	24-A	1.00	.45	.51	53	1.50	.67	.77	485	2.00	.90	1.05
6A3	2.00	.80	1.05	26	.70	.29	.35	55	1.25	.57	.64	950	2.25		1.31
6A4	1.50	.65	.77	27	.80	.35	.41	56	.80	.35	.41	951	2.00		1.05
6A6	1.50	.65	.77	30	.80	.35	.41	57	1.10	.49	.57	BA	7.50		4.50
6A7	1.35	.56	.69	31	.90	.35	.47	58	1.10	.49	.57	BH	4.65		2.79
6B5	2.25	1.03	1.31	32	1.50	.67	.77	59	1.50	.70	.77	BR	2.75		1.65
6B7	1.50	.65	.77	33	1.25	.59	.64	71-A	.80	.35	.41	LA	1.50	.65	.77
6C6	1.20	.49	.62	34	1.50	.67	.77	75	1.10	.49	.57				

RAYTHEON AND LAFAYETTE G-SERIES TUBES (OCTAL BASE)

Type No.	List Price	LAF. Your Cost	RAY. Your Cost	Type No.	List Price	LAF. Your Cost	RAY. Your Cost	Type No.	List Price	LAF. Your Cost	RAY. Your Cost
0Z4G	\$1.50	\$0.77		5X4G	\$1.50	\$0.67	\$0.77	6J5G	\$1.20	\$0.54	\$0.62
1C7G	2.00	.90	1.05	5Y3G	1.00	.45	.51	6J7G	1.50	.67	.77
1D5G	2.00	.90	1.05	5Y4G	1.00		.51	6K5G	1.35	.60	.69
1D7G	1.75	.78	.90	6A8G	1.50	.67	.77	6K6G	1.35		.69
1E5G	2.00	.90	1.05	6B4G	2.00	.90	1.05	6K7G	1.35	.61	.69
1E7G	2.75	1.25	1.65	6B6G	1.35		.69	6L5G	2.25		1.31
1F5G	2.00	.90	1.05	6B8G	1.75		.90	6L6G	2.25	1.00	1.31
1F7G	2.00	.90	1.05	6C5G	1.25	.56	.64	6L7G	1.75	.80	.90
1H4G	1.00	.45	.51	6D8G	2.25		1.31	6N6G	2.25	1.00	1.31
1H6G	1.75	.78	.90	6F5G	1.25	.56	.64	6N6MG*	2.50		1.50
1J6G	1.35	.60	.69	6F6G	1.35	.60	.69	6N7G	1.75	.80	.90
5U4G	1.50		.77	6H6G	1.25	.60	.64	6P7G	2.25		1.31
5V4G	2.00	.90	1.05							\$1.31	

* Glass tube with metal shell.

RAYTHEON ALL-METAL TYPE TUBES

Type No.	List Price	LAF. Your Cost	RAY. Your Cost	Type No.	List Price	LAF. Your Cost	RAY. Your Cost	Type No.	List Price	LAF. Your Cost	RAY. Your Cost
0Z4	\$1.50	\$0.77		6C5	\$1.25		\$0.64	6K7	\$1.35		\$0.69
5W4	1.00	.51		6F5	1.25		.64	6L6	2.25		1.31
5Z4	2.00	1.05		6F6	1.35		.69	6L7	1.75		.90
6A8	1.50	.77		6H6	1.25		.64	6N7	1.75		.90
6B8	1.75	.90		6J7	1.50		.77	6Q7	1.35		.69
								6R7	\$1.35		\$0.69
								6X5	1.50		.77
								25A6	1.50		.77
								25L6	2.25		1.31
								25Z6	1.50		.77

DO YOU WANT TO WIN \$600? WRITE FOR FREE INFORMATION!

AMATEUR TRANSMITTING TUBES

Lafayette Transmitting Tubes Guaranteed for 1000 Hours



All transmitting tubes in the Lafayette line, with the exception of the 210, have pure carbon plates, providing high plate dissipation without overheating. They also provide more constant tube characteristics under operation, since the carbon plates do not vary in physical size or warp under heat. **Lafayette Transmitting Tubes are Guaranteed Pro-Rata for 1000 hours** against defective materials and workmanship; broken glass and burnouts are the only exceptions to this guarantee offer.

Type	Purpose	Your Cost
203A	R.F. or audio amp.—100 watts plate dissipation.	\$9.95
203D	High freq. r.f. amp.—120 watts plate dissipation.	10.95
204A	R.F. or audio amp.—250 watts plate dissipation.	75.00
211	R.F. or audio amp.—100 watts plate dissipation.	9.95
211C	High-freq. r.f. amp.—100 watts plate dissipation.	10.95
212E	H.F. r.f. or audio amp.—275 watts plate dissipation.	67.50
800	R.F. or audio amp.—50 watts plate dissipation.	7.50
801	R.F. or audio amp.—20 watts plate dissipation.	3.75
805	R.F. or audio amp.—125 watts plate dissipation.	15.50
830	R.F. amp.—17 watts plate dissipation.	7.25
830B	R.F. or audio amp.—60 watts plate dissipation.	7.25
841	R.F. or audio amp.—12 watts plate dissipation.	2.50
842	Audio amp.—12 watts plate dissipation.	2.50
845	Audio amp.—75 watts plate dissipation.	9.95
849	R.F. or audio amp.—400 watts plate dissipation.	125.00
852	R.F. amp.—100 watts plate dissipation.	14.50
866	H.W. merc. vapor rectifier—.6 amp.	1.65
866A	H.W. merc. vapor rectifier—1.0 amp.	2.25
868	General Purpose Photo Tube	3.50
872	H.W. merc. vapor rectifier—10 amps.	10.95
872A	H.W. merc. vapor rectifier—7.5 amps.	12.50
575A	15000-volt peak inverse rectifier	32.40
105	10 Volt, 5 amp. Exciter Lamp	.49
107	10 Volt, 7.5 amp. Exciter Lamp	.49
854	8.5 Volt, 4.0 amp. Exciter Lamp	.49

RAYTHEON

Transmitting Tubes

Eveready-Raytheon, manufacturers of the famous "four-pillar" receiving type tubes, makes a complete line of tubes designed solely for amateur use. These tubes are highly efficient, permitting maximum power output with minimum input. All have Isolantite bases, and are ruggedly constructed to provide long, uninterrupted service. Only the popular types are listed—we can supply any Raytheon transmitting tube.



Type	Purpose and Output	Your Cost
RK10	R.F. osc., amp., mod. triode—10 watt.	\$3.50
RK16	R.F. amp., cl. "A" driver, triode—1.25 watt	4.50
RK17	R.F. osc., amp., dblr., pentode—10 watt	4.50
RK18	R.F. osc., amp., cl. "B" mod., triode—50 watt	10.00
RK19	F.W., high vacuum rect., 1250 V., 600 ma	7.50
RK20	Shielded pent., r.f. osc., amp., 80 watt.	15.00
RK21	H.W., high vacuum rect., 1250 V., 600 ma	5.00
RK22	F.W., high vacuum rect., 1250 V., 600 ma	7.50
RK23	Shielded pent., r.f. osc., amp., 24 watt.	4.50
RK24	R.F. osc., amp., mod., for 66 mc.—1.5 watt.	2.25
RK25	Shielded pent., r.f. osc., amp.—24 watt.	4.50
RK28	R.F. power amp., cl. "B" and "C" pent.—200 watt	34.50
RK30	High freq., r.f. osc., amp. triode—65 watt.	10.00
RK31	Zero bias cl. "B" modulator, triode—140 watt	10.00
RK32	High frequency triode—65 watt.	12.00
RK34	High freq., r.f. osc., amp., twin triodes—20 watts	3.50
RK35	R.F. amp., osc., dblr., 60 watts.	8.00
RK36	R.F. osc., amp., cl. "B" mod., triode—225 watts	14.50
RK37	Hi mu osc., r.f. amp., dblr.—60 watts.	8.00
RK38	Hi mu r.f. amp., dblr.—225 watts.	14.50
RK39	Beam power tetrode, plate output—40 watts	3.50
R841	High amp. factor triode, audio amp.—13 watt	3.25
R842	Low amp. factor, mod., amp., triode—7 watt	3.25
R864	Low microphonic response, mod. preamp.—90 V.	.51
R866A	H.W., mercury filled rect., 3500 V., 600 ma	4.00
R872A	H.W., mercury vapor rect., 3500 V., 2.5 amps.	16.50



CATHODE-RAY TUBES

Type	Screen	Net
903	9"	\$86.00
904	5"	52.50
905	5"	45.00
906	3"	15.00
907	3"	48.75
908	5"	18.00
909	5"	49.00
910	3"	21.25
911	3"	22.50
912	5"	163.40



NEW! THE RCA No. 913 1" CATHODE-RAY TUBE

High-vacuum, low voltage, electrostatic type. All-metal construction acts as shield. Heater 6.3 volts at .6 amp. Used in the same circuits as the largest C-R tubes. Octal-base.

Net Price **\$5.60**

RCA PHOTO TUBES

No.	Type	Net Price
868	General purpose	\$3.70
917	High-vacuum	4.75
918	High-sensitivity	4.50
919	High-vacuum	4.75
920	Twin photo-tube	5.25

Ceramic 50-Watt Socket



All-ceramic; contacts of end type. Ideal for ultra-high frequency. For base mounting.

W12899—Type CP38
Your Cost Each **75¢**

JOHNSON SOCKETS

Porcelain base, polished nickel shell; dual wiring contacts. Screw and lug terminals.



W14160—UX base
Your Cost Each **59¢**
W14161—50-watt size. **88¢**



TRANSMITTING TUBES

The RCA-deForest line of transmitting tubes has been accepted as the quality standard since the beginning of radio transmission. The tubes listed here are licensed for amateur and experimental use only.

Type	Description	Net Price
203A	Triode—100 watts plate dissipation.	\$15.00
204A	Triode—250 watts plate dissipation.	97.50
211	Triode—100 watts plate dissipation.	15.00
800	Triode—35 watts plate dissipation.	10.00
801	Triode—20 watts plate dissipation.	3.45
802	Pentode—20 watts plate dissipation.	3.90
803	Pentode—125 watts plate dissipation.	34.50
804	Pentode—40 watts plate dissipation.	15.00
805	Triode—125 watts plate dissipation.	15.00
806	Triode—150 watts dissipation.	24.50
807	"Beam" screen-grid r.f. amp.—21 watts	3.90
808	Triode—50 watts plate dissipation.	10.00
830B	Triode—60 watts plate dissipation.	10.00
831	Triode—400 watts plate dissipation.	265.00
834	Triode—50 watts plate dissipation.	12.50
838	Triode—100 watts plate dissipation.	16.00
840	R.F. pentode—2 volt filament.	6.00
841	Triode—15 watts plate dissipation.	3.25
842	Triode—12 watts plate dissipation.	3.25
843	Triode—15 watts plate dissipation.	12.50
844	Screen-grid r.f. amp.—15 watts plate dissipation.	18.00
845	Triode—75 watts plate dissipation.	15.00
849	Triode—400 watts plate dissipation.	160.00
850	Screen-grid r.f. amp.—100 watts plate dissipation.	37.50
851	Triode—750 watts plate dissipation.	350.00
852	Triode—100 watts plate dissipation.	16.40
860	Screen-grid r.f. amp.—100 watts plate dissipation.	32.50
861	Screen-grid r.f. amp.—400 watts plate dissipation.	295.00
864	Triode amp. (for pre-amplifiers).	1.00
865	Screen-grid r.f. amp.—15 watts plate dissipation.	12.75
954	Acorn pentode, high frequency	5.00
955	Acorn triode, high frequency	3.00
956	Acorn pentode, high frequency	5.00
1602	Triode—15 watts plate dissipation.	2.75
1603	Pentode amp. (low micro.)	3.25

High-Voltage Rectifiers

217A	Half-wave, high vac.—10 volt filament.	20.00
217C	Half-wave, high vac.—10 volt filament.	20.00
836	Half-wave, high vac.—2.5 volt filament.	11.50
866	Half-wave, merc. vap.—2.5 volt filament.	1.75
866A	Half-wave, merc. vap.—2.5 volt filament.	4.00
872	Half-wave, merc. vap.—5 volt filament.	14.00
872A	Half-wave, merc. vap.—5 volt filament.	16.50
878	Half-wave, high vac., for cathode ray	11.00
879	Half-wave, high vac., for cathode ray	3.00
885	Gas triode for cathode ray sweep control	2.00

AMPEREX TUBES

NEW! ZB-120

The "hottest" tube in town! See February "QST" for full dope. Hi-mu, low-C; 75-watt maximum plate dissipation. The ideal distortionless, zero-bias, class "B" amplifier. Gets you 150 watts output in class "C" telegraphy. Works up to 16 mc. Needs only 3 to 6 watts to drive. Filament 10 volts at 2 amps. Fits std. 50-watt socket. **Each... \$10.00**



THE HF-100

For working above 30 mc. Two tubes put out 120 watts at 120 mc. Output of one tube in class "C" is 170 watts at 1500 volts below 30 mc. Low-C, high-mu; 75 watts maximum plate dissipation. Filament volts, 10 at 2 amps. Top plate terminal, grid side; 4-pin Isolantite base for UX socket. **Type HF-100 \$12.50**
Your Cost



THE HF-200

Plate dissipation 150 watts. Attainable power output up to 20 mc., 400 watts; up to 60 mc., 350 watts. Filament 10 volts at 3.4 amps; top plate terminal, grid side; standard 50-watt base. Plate 2000 volts d.c. **Type HF-200—\$24.50**
Your Cost

EIMAC TUBES

TYPE 35T

Dissipates 70 watts at 1500 volts maximum. **\$8.00**
Your Cost

TYPE 100TH

Dissipates 100 watts at 3000 volts maximum. Fits UX 4-prong socket. **Type 100TH—\$13.50**
Your Cost

WE CAN SUPPLY ALL XMITTING EQUIPMENT



NATIONAL *Amateur* EQUIPMENT

Ceramic Coil Forms



Especially designed for use in transmitters. Threaded and drilled for windings. Can be mounted on plugs or stand-offs.

W14347—XR10A—26 turns. Size 2 1/2"x5". List \$1.50.
Your Cost Each... 90¢

W14348—XR12A—28 turns. Size 4x6 1/4". List \$2.50.
Your Cost Each... \$1.50

R100 R. F. Choke



For receivers and low-power transmitters. Four sections

on Isolantite. With long wire leads. Induct., 2 1/2 mh., d.c. resist., 50 ohms, rating, 125 ma., distributed cap., 1 mmfd.

W14429—Your Cost Each 36¢

Buffer Form and Base

This coil form, drilled for leads, is of Isolantite 1 1/4" diameter, 3 1/2" long, 1/2" wall. Shpg. wt. 2 lbs.



W14571—UR13 complete buffer coil assembly. **Your Cost... \$1.50**

W14572—Coil form only. 66¢
Your Cost...

W14573—Plug only. 45¢
W14574—Base only. 45¢

Shaft Couplings

Isolantite insulation will not char under flashover. Takes 1/4" shafts. Type TX-9.



W8470—Your Cost... 66¢
Type TX-10—Shaped as above, but has canvas Bakelite insulation.
W8471—Your Cost Each 33¢

PRECISION UNITS



For H.F. Circuits And Labs

Rotors insulated from frame; plate shape is all. Steatite insulation. Pre-loaded worm gear with 20:1 ratio. Micrometer dial.

Sections	Stock No.	225 Mmfd.	225 Mmfd.	Your Cost
One	W14430	W14575		\$9.00
Two	W14431	W14576		12.00
Three	W14432	W14577		14.40
Four	W14433	W14578		16.50

DEAGAN Station Chimes

For Ham And Broadcast Station



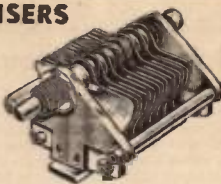
Four perfectly pitched notes tuned to a perfect chord impossible to play out of tune. Simulates bugle calls, clock tower chimes, etc. Complete with hammer and back of directions and 80 selections. 12 1/2"x8 1/2"x8". Shpg. wt. 6 lbs.

W14013—Your Cost \$4.50

TRANSMITTING CONDENSERS

Low Power Type TMS

Insulated with Steatite-Isolantite. Conical front bearing, rear bearing radial with single ball thrust. Size, 2 1/4" by 1 1/4" high, 2 1/4" long. Can be mounted on panel, chassis or stand-offs. Type TMS will withstand 1,000 volts. (airgap .026"); type TMSA is rated at 2,000 volts, (airgap .065").



Stock No.	Nat'l No.	Cap. Mmfd.	No. of Plates	List Price	Your Cost
W14550	TMS100	100	10	\$2.50	\$1.50
W14551	TMS150	150	14	2.75	1.65
W14552	TMS250	250	23	3.00	1.80
W14553	TMS50D	50-50	5-5	3.75	2.25
W14554	TMS100D	100-100	9-9	4.50	2.70
W14555	TMSA35	35	8	3.00	1.80
W14556	TMSA50	50	11	3.25	1.95

Moderate Power Type TMC

Stock No.	Nat'l No.	Cap. Mmfd.	No. of Plates	List Price	Your Cost
W14592	TMC50	50	7	\$4.00	\$2.40
W14593	TMC100	100	13	4.50	2.70
W14594	TMC150	150	21	5.25	3.15
W14595	TMC100D	100-100	13-13	7.50	4.50

Heavy Duty Type TMA

Stock No.	Nat'l No.	Cap. Mmfd.	No. of Plates	List Price	Your Cost
W14369	TMA100B	100	23	\$13.50	\$8.10
W14328	TMA50A	50	9	6.50	3.90
W14329	TMA100A	100	16	10.00	6.00
W14330	TMA150A	150	23	12.00	7.20
W14331	TMA230A	230	35	16.00	9.60
W14332	TMA50DA	50-50	9-9	11.00	6.60
W14333	TMA100DA	100-100	15-15	17.50	10.50
W14334	TMA300	300	23	12.00	7.20
W14335	TMA200D	200-200	16-16	15.00	9.00

ACORN SOCKETS



W14505—Type XCA—Steatite-Isolantite. For RCA 955 triodes. **Your Cost Each... 90¢**

W14506—Type XMA—Copper base, with built-in mica by-pass condensers. **Your Cost Each... \$1.20**

50-WATT SOCKETS

Glazed ceramic material. Metal shell with guide slot. Binding post terminals. Low loss. 2 1/4" diameter, 2 1/4" high.



W14524—XM-50. **Your Cost Each... \$1.05**

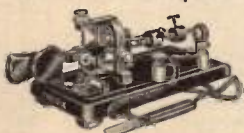
Similar to above, but all Steatite construction. No metal. **XC-50.** **W14492—Your Cost... \$2.10**

WE STOCK EVERYTHING NATIONAL MAKES

We are prepared to make immediate shipment with maximum discount on any National part you may need.

SPEED-X X'MITTING KEYS

Model 501 Hi-Speed



From 9 words per minute to any speed. Solid silver contacts; all chrome finished. Will hold adjustments at all speeds. A real commercial beauty for hams and pro's. Shpg. wt. 5 lbs.

W14028—Your Cost \$7.35

Model 511 resembles the above but a smaller model ideal for the ham. Fully adjustable. All chrome finished. Shpg. wt. 5 lbs.

W14029—Your Cost... \$6.17

Model 321 Senior Key



For the old timer and the ham who is to start right. 1/8" silver contacts. Chrome and black finish. All metal base highly insulated. A favorite with all operators. Shpg. wt. 4 lbs.

W14039—Your Cost... \$1.91

New No. 515 Speed Key



Biggest speed-key value today. Similar to 501 but smaller; white nickel finish, base black wrinkle; fully adjustable. Base 2 1/2"x6 1/4"x 1 1/2". Case-hardened bearings. Fully guaranteed to give complete satisfaction.

W14033—Your Cost \$4.85

Model 301 Ham Key

Designed especially for the amateur. Pure silver contacts. Bakelite base; all metal parts chromed. Ideal for the beginner, can be used for practice and on the air.

W14040—Your Cost... \$1.12

Hi-Frequency Buzzer

Constant frequency buzzer for practice or modulation work. 2 ohms resistance. Shpg. wt. 1 lb.

W14021—Your Cost... 64¢

Neutralizing Condenser NC Series

Both plates are insulated from ground by glazed Isolantite pillars; micrometer adjustment. Type NC-800 for RCA-800 or similar tubes. Type NC-150 for 75T, 150T, 300T, 852. Type NC-500 for WE 261A and similar large tubes.

W14259—NC-800. \$1.80

Your Cost

W14253—NC-150. \$3.90

Your Cost

W14260—NC-500. \$7.50

Your Cost



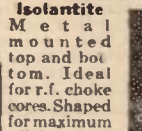
Screen-Grid Coupler



Contains 700 henry choke, .01 mmfd. condenser. 1/4" megohm leak. Type S-101. Shpg. wt. 3 lbs.

W14509—Your Cost... \$3.60

Stand-Off Insulators



Isolantite Metal mounted top and bottom. Ideal for r.f. choke cores. Shaped for maximum efficiency.

Stock No. **Type** **Size—In.** **Your Cost**

W14479 GS-1 1 1/2"x1 1/2" 15c

W14480 GS-2 1 1/2"x2 1/2" 21c

W14481 GS-3 1 1/2"x2 1/2" 54c

W14482 GS-4 1 1/2"x4 1/2" 66c



Steatite Small unit is tapped 1/8" at each end. Larger 1/4". Make attractive and efficient job.

Stock No. **Type** **Height** **Each**

W14483 GS-5 1 1/2" 15c

W14484 GS-6 2" 27c

W14485 GS-7 3" 45c

High-Frequency Bushings

Small and large bushings complete with hardware. Prices are per pair. Made of Steatite.

Stock No.	Type	Height	Pair
W14488	XS-1	1 1/2"	45c
W14489	XS-2	1 1/2"	54c
W14490	XS-3	2"	\$3.00
W14491	XS-4	2 1/2"	3.90

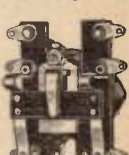
NATIONAL PAKS

Designed especially for hum-less short-wave reception. Less tubes.

Stock No.	Nat'l No.	List Price	Your Cost
W21255	5886	\$29.50	\$17.70
W13807	5880	29.50	17.70
W13808	3580	22.50	13.50

DUNCO RELAYS

The up-to-date ham transmitter uses relays. At these prices, yours should, too. Of the compact type and differ only in coil size. Each has two isolated contacts for radio or power circuits. RA1 has 60-cycle 2.5 volt coil; RD1 has 5 to 6 volt d.c. winding. Dimensions, 1 1/2"x2 1/2"x 1 1/2" deep. Shpg. wt. 2 lbs.



W14030—RA1. \$2.00

Your Cost

W14031—RD1. \$2.00

Your Cost

WE CAN SUPPLY ALL X'MITTING EQUIPMENT

S.W. Receivers for the Ham

NEW! HALLICRAFTERS "SKY CHALLENGER"



Embodies many of the features of the 1937 Super SKYRIDER. Is engineered with the thought of satisfying the most exacting amateur and advanced short-wave broadcast fan, without placing too heavy a burden on his pocketbook. All frequencies are covered in five bands from 535 to 40,000 kc., (7.5 to 560 meters) with smooth, continuous electrical band spread. Features include iron-core i.f.'s, (2 stages), air-trimmed r.f.'s, a.v.c. switch, stand-by, pitch and tone control, single-signal

crystal action, (optional), 4 watts audio. Uses 4-6K7's, 6C5, 6L7, 6Q7G, 6F6G and 80. Provision for doublet. In crackle-black steel cabinet.

W21085—Model S-15 with tubes, less crystal and speaker. Shipping weight, 44 pounds. **Your Cost** **\$69.50**

W21086—Model SX-15 as above, but with crystal. **\$79.50**

HALLICRAFTERS SKY BUDDY



A real junior model communication superhet complete with power supply, built-in dynamic and all tubes for only \$29.50. Covers 18 to 555 meters in 3 bands. Iron-core i.f., band spread, a.v.c., beat switch, phone jack. 5 tubes do the work of 8! 6A7, 6F7, 75, 42 and an 80. Housed in a crystalline black metal case, 17x7 1/4 x 8 3/4" deep. Provision for doublet antenna. Direct reading, illuminated calibrated dial.

W21062—Sky Buddy, complete with tubes. For 110-volt, 50/60-cycle a.c. operation. Shpg. wt. 22 lbs.

Your Cost **\$29.50**

HALLICRAFTERS SKY CHIEF

Tremendous sensitivity for the amateur and short-wave fan. Three bands cover 17 to 560 meters. Built-in power supply and dynamic speaker. Iron-core i.f., beat oscillator, stand-by, a.v.c. on-off switch, band-spread control, phone jack, r.f. and audio gain, 6G5 Signal Strength Indicator, highly efficient pre-amplifier, illuminated, calibrated airplane dial. Tube complement: 78, 6A7, 6F7, 75, 42, 6G5 and an 80—ten-tube performance with seven! Operates on 110/120 volts, 60-cycle a.c. Housed in black, crystalline metal cabinet similar in appearance to above; size, 21 1/4 x 9 3/4 x 10 1/4".

W21079—With tubes. Shpg. wt. 43 lbs. **Your Cost** **\$44.50**

HALLICRAFTERS TIME-PAYMENT PLAN

You can now purchase a Hallcrafters receiver on the easy payment plan. Avail yourself of the opportunity to own one of these fine receivers. Write for complete particulars.

HAMMARLUND "SUPER-PRO"



This new, 1937 "Super-Pro" is a 16-tube super-heterodyne, designed to meet every rigid specification of the professional operator and advanced amateur. It is in use in commercial, air, police, marine and government stations throughout the world, yet so simple to operate that any novice can easily tune in stations from any point of the world. Incorporates TWO stages of tuned r.f. on all bands; covers

ers the complete range from 15 to 555 meters; FOUR air-tuned i.f.'s; band spread with a TWELVE-GANG condenser; 4-gang main tuning condenser; all coils on Isolantite; electrostatic shielded input; three audio stages; visible tuning meter; variable selectivity from 3 to 16 kc. by means of calibrated control on panel; a.v.c. and manual gain control. Receiver in metal cabinet 18 1/2 x 14 1/2 x 10 1/2" high; power supply in metal cabinet 18 x 7 1/2 x 8 1/2" high, for 110-volt, 60-cycle a.c. supply. Crystal filter is optional.

W21040—Model SP-100; less crystal. With tubes, power supply and 8" Jensen dynamic speaker. Shpg. wt. 65 lbs. List Price \$405.00. **Your Cost** **\$238.14**

W21041—Model SP-110X; as above, but with crystal. List Price \$435.00. **Your Cost** **\$255.78**

"Super-Pros" are available for rack-panel mounting, with special power supplies and with 12" Jensen Hi-Fi dynamic speakers. Tell us your needs and we will send descriptive literature and prices.

RCA ACR-155 COMMUNICATION RECEIVER



RCA's latest contribution to the short-wave field. Tunes continuously from 22,000 to 520 kc., (13.6 to 580 meters), in three ranges. Uses all-metal tubes throughout: 2-6K7 r.f. and i.f. amplifiers, 2-6J7 oscillators, a 6L7 1st detector, 6H6 2nd detector and a.v.c., 6F6 audio amplifier, 6F6 output pentode and a 5W4 rectifier.

Features include air-dielectric trimmers in antenna, r.f., detector and oscillator circuits, adjustable magnetite-core i.f. transformers, 100-1 vernier, phone jack, a.v.c. switch, stand-by, pitch, tone, audio and r.f. gain, 6" dynamic speaker built-in, operates on 110/125 volts, 50/60 cycles a.c. In two-tone gray metal cabinet, 24 3/4 x 10 1/2 x 12 3/4".

W21101—RCA 155 complete with tubes—nothing else to buy. Shpg. wt., 59 lbs. **Your Cost Complete** **\$74.50**

NATIONAL NC-100, 100X AND 101X

The NC-100 is a 12-tube superhet using 10-all-metal tubes, and tunes from 10 to 555 meters in 5 bands using a new type of built-in coil assembly. The tube complement includes a stage of r.f. on all bands, amplified and delayed a.v.c., a visual tuning "eye". Built-in power supply provides excitation for a 500-ohm speaker. The tuning dial operates a 3-gang condenser; spring-loaded gear train with ratio of 20:1 makes 10 revolutions across each coil range. In black, crackle-finished steel case.



W21256—NC-100 receiver with tubes, power supply and 10" dynamic speaker; less crystal. Shpg. wt. 72 lbs. **Your Cost** **\$120.00**

W21266—NC-100 as above, for battery operation. **\$116.50**

W21257—NC-100X with tubes, power supply, 10" speaker and factory installed crystal. List \$237.50. **Your Cost** **\$142.50**

W21267—NC-100X crystal model for battery operation. **\$133.00**

NEW! THE NC-101X FOR THE AMATEUR

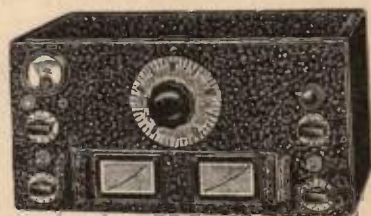
Similar to NC-100X, but tunes from 10 to 176 meters in 5 bands with band-spread on each. With crystal. Shpg. wt. 89 lbs.

W21263—With tubes and 10" speaker. **Your Cost** **\$129.00**

W21268—As above, but for battery operation. **\$120.00**

NATIONAL HRO SENIOR AND JUNIOR

Professional type communication receivers. Use two r.f. pre-selector stages, two air-tuned, Litz, i.f. stages, a.v.c., vacuum-tube voltmeter with panel "S" meter (on the Senior), Lamb single-signal crystal filter (on the Senior), phone jack, send-receive switch, electron-coupled oscillators. The Senior is provided with ganged-plug-in coils with bandspread: 1.7 to 30 mc. The Junior is equipped with coils to cover the 10 and 20 meter bands.



W21264—HRO-2; 2 1/2-volt a.c. table model with tubes and coils (10 to 176 meters), less power supply and speaker. List \$299.50.

W21265—HRO-6; similar to above but for 6-volt battery operation. Shpg. wt. 62 lbs. List \$299.50. **Your Cost, Either Type** **\$179.70**

W21250—HRO-2; 2 1/2-volt rack-panel receiver, equipped as above.

W21251—HRO-6; rack-panel mounting; for 6-volt battery operation. Shpg. wt. 62 lbs. List \$320.00. **Your Cost, Either Type** **\$192.00**

W21252—HRO Junior for 2 1/2-volt a.c. operation. With tubes, coils (10 and 20-meter bands). Less power supply and speaker.

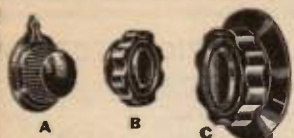
W21253—HRO Junior for 6-volt battery operation. Equipped as above. Shpg. wt. 30 lbs. List \$180.00. **Your Cost, Either Model** **\$108.00**

W21261—Type 5897 power supply for 2 1/2-volt HRO Juniors and Seniors. For 115-volt, 60-cycle a.c. Less tube. **Your Cost** **\$15.90**

NOTE: We carry a complete line of National, Hammarlund, Hallcrafters, R.C.A. and Lafayette short-wave receivers and parts which space limitations prevent us from listing in this catalog. Write for complete information on any model not listed.

Transmitting Equipment

TRANSMITTER KNOBS



Used with dials listed below. Of finest brilliant Bakelite with brass inserts for 1/4" shafts.
W9896—Type A. 1 1/2" diameter, with pointer

Your Cost Each.....**16c**

W13014—Type B. 1 1/2" diameter, knurled edge.

Your Cost Each.....**17c**

W13013—Type B. 1 1/2" diameter, knurled edge.

Your Cost Each.....**23c**

W13012—Type B. 2 3/4" diameter, massive type

Your Cost Each.....**28c**

W13011—Type C. 2" diameter, with smooth skirt

Your Cost Each.....**28c**

W13010—Type C. 3" diameter, for larger dial

Your Cost Each.....**37c**

Etched Metal Dials



Polished nickel-silver with black etched markings. 4" diameter, 1 1/2" mounting centers. Marked: **Amplifier Plate, Amplifier Grid, Oscillator, Antenna, Buffer, Buffer-Doubler, Blank.** Specify marking desired.

W9858—Your Cost Each. **41c**

As above, but 2 1/2" diameter. Available marked **Neutralization**, and blank.

W9857—Your Cost Each. **33c**

As above, 2 1/4" diameter; **Gain** only.

W9903—Your Cost Each. **23c**

BUD Dual Spaced Condensers



Widespacing, .060". Close fitting brass bearings. **Insolantite insulation.** Aluminum soldered plate.

Stock No.	Cap. Mmfd.	List Price	Your Cost
W9550	4-15	\$1.50	\$0.88
W9551	6-35	1.55	.91
W9552	7-50	2.00	1.18
W9553	8-75	2.50	1.47
W9554	10-100	3.00	1.76

Dual Units

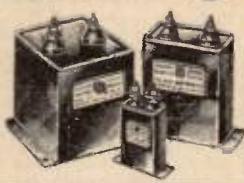
W9555	35*	\$3.00	\$1.76
W9556	20*	3.00	1.76

* Each section.

GENERAL ELECTRIC HEAVY DUTY CAPACITORS

Pyranol Filled; with Porcelain Standoffs

Stock No.	Cap. Mfd.	D.C. Volts	List Price	Your Cost
W3753	1	1000	\$3.00	\$1.76
W3754	2	1000	4.50	2.65
W3755	4	1000	7.00	4.12
W3756	1	1500	3.75	2.20
W3757	2	1500	6.25	3.67
W3758	4	1500	9.00	5.29
W3759	1	2000	5.25	3.09
W3760	2	2000	8.00	4.70
W3761	4	2000	11.00	6.46



CORNELL-DUBILIER "TD" Oil-Filled Condensers

These extremely compact condensers are a special oil-impregnated and oil-filled development. They are particularly suited for transmitters and hi-voltage p.a. amplifiers. 1" long, 1" wide. Shpg. wt. 1 lb., each.

Stock No.	Cap. Mfd.	Volts	Ht. In.	Your Cost
W2984	1	600	2 1/4	\$1.03
W2985	2	600	2 1/4	1.62
W2986	4	600	4	2.65
W2987	1	1000	2 1/4	1.47
W2988	2	1000	4	2.65
W3004	4	1000	4 1/2	4.12
W2989	1	1500	2 1/4	2.20
W3000	2	1500	4 1/2	3.67
W3005	4	1500	4 1/2	5.29
W3001	1	2000	4 1/2	3.09
W3003	2	2000	4 1/2	4.70

Thutest Transmitting Condensers

Oil-impregnated paper dielectric. Finest foil obtainable. In heavy metal housing wax-filled and sealed. Black japanned finish. Terminals on porcelain stand-offs equipped with soldering lugs. Especially designed for use in transmitters and high-power amplifiers. Size 5x3x1 1/2" to 2 1/4" according to capacitance. Shpg. wt. 4 lbs.



Stock No.	Cap. Mfd.	Volts	Wgt.	Your Cost
W3234	1	1000	1	\$1.10
W3235	2	1000	1.50	1.50
W3236	1	1500	1.45	2.00
W3237	2	1500	2.00	1.75
W3238	1	2000	1.75	2.45
W3239	2	2000	2.45	

AEROVOX Hi-Voltage Oil-Filled and Impregnated Transmitting Units

Dielectric 100% pure linen paper; oil-impregnated and oil-filled; hermetically sealed in round aluminum cans; heavy terminals mounted on ceramic stand-offs. These units are furnished with mounting rings.

Stock No.	Cap. Mfd.	Volts	Size-In. Dia. Ht.	Type	Your Cost
W4783	1	1000	2 x 5 1/2	1005	\$1.59
W4784	2	1000	2 x 5 1/2	1005	1.97
W4795	4	1000	2 1/2 x 5 1/2	1005	2.85
W4796	1	1500	2 x 5 1/2	1505	1.67
W4797	2	1500	2 1/2 x 5 1/2	1505	2.30
W4798	1	2000	2 x 5 1/2	2005	2.09
W4799	2	2000	2 1/2 x 5 1/2	2005	2.79



SANGAMO X'Mitting Micas

Encased in molded Bakelite. Impervious to climatic changes.



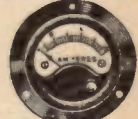
2500 Volts Test

Stock No.	Cap. Mfd.	List Price	Your Cost
W3771	.00005	\$0.70	\$0.41
W3772	.0001	.70	.41
W3773	.00015	.70	.41
W3774	.0002	.70	.41
W3775	.00025	.70	.41
W3776	.0005	.70	.41
W3777	.001	.90	.53
W3778	.0015	1.15	.68
W3779	.002	1.35	.79
W3780	.003	1.55	.91
W3781	.004	1.55	.91
W3782	.005	1.75	1.03
W3783	.006	1.75	1.03
W3784	.01	2.80	1.65
W3785	.015	3.45	2.03
W3845	.02	3.95	2.32

5000 Volts Test

Stock No.	Cap. Mfd.	List Price	Your Cost
W3085	.00005	\$0.90	\$0.53
W3076	.0005	1.25	.73
W3077	.0001	.90	.53
W3078	.00015	1.00	.59
W3079	.00025	1.05	.62
W3080	.0002	1.05	.62
W3081	.002	2.25	1.32
W3082	.001	1.50	.88
W3084	.0015	1.95	1.15
W3761	.003	2.75	1.62
W3762	.004	3.15	1.85
W3763	.005	3.30	1.94
W3764	.006	3.50	2.06
W3765	.01	4.10	2.41

HOYT Hot-Wire Antenna Ammeter



For measuring the output of any transmitters. Not affected by variations in frequency. 3" overall diameter; mounts in 2 1/4" hole. Shpg. wt. 2 lbs. List price, \$5.50.

W10445—Range, 0-1.5 amperes.

W10446—Range, 0-3 amperes.

W10447—Range, 0-5 amperes.

Your Cost, Any Type.....**\$3.23**

BUD Midget Condensers



Single bearing type with heavy aluminum end plate. Positive wiping contact on rotor shaft. Plates soldered to shaft. Shaft extends 3/4" beyond rear bearing for ganging. All straight line frequency type. All have Insolantite insulation.

Stock No.	Cap. Mfd.	List Price	Your Cost
W9557	3-15	\$0.85	50c
W9558	3-20	.85	50c
W9559	4-35	1.00	59c
W9560	5-50	1.10	65c
W9561	6-100	1.25	73c

CARDWELL CONDENSERS Single Midways Double Midways

Small, light, sturdy units, ideal for medium power transmitters. Long a popular type.



Highly efficient for medium power p.p. stages where space is a factor.



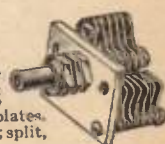
Stock No.	Cap. Mfd.	Mfrs. Type	Gap In.	Your Cost
W8563	25	MR25BS	.031	\$1.35
W8564	50	MR50BS	.031	1.41
W8565	70	MR70BS	.031	1.50
W8566	105	MR105BS	.031	1.56
W8567	150	MR150BS	.031	1.62
W8568	260	MR260BS	.031	1.65
W8569	365	MR365BS	.031	1.94
W8550	20	MT20GS	.07	1.68
W8551	35	MT35GS	.07	1.82
W8552	50	MT50GS	.07	2.06
W8553	70	MT70GS	.07	2.32
W8554	100	MT100GS	.07	2.59
W8555	150	MT150GS	.07	3.23
W8614	35	MG35GS	.171	3.53

CARDWELL TRIM-AIR MIDGETS

Insolantite insulated, (except 140-mmf. type); can be ganged for sub-panel or shelf mounting. Supplied with detachable shaft and single-hole mounting fittings. For x'mitters and receivers.

No.	Mmfd.	Type	Net
W8631	15	ZR15AS	\$0.73
W8632	25	ZR25AS	.82
W8633	35	ZR35AS	.88
W8634	50	ZR50AS	.94
W8635	75	ZU75AS	1.00
W8636	100	ZU100AS	1.03
W8637	140	ZU140AS	1.85
W8630	30	ZT30AS	1.09

Type ZV5TS, new ultra h.f. trim-air, for 5 meters. Has 3 plates. Cap., 5 mmfd.; split, 1.2 mmfd.



W8599—**Your Cost**.....**73c**
W8639—Ganging shaft.....**4c**
W8638—Mounting bracket.....**6c**
W8640—Mounting posts.....**6c**



THORDARSON

HI-POWER TRANSFORMER AND CHOKO COIL

Transformer fully shielded; supplies 1200 volts c.t. at 200 ma., 2 1/2 volts c.t. at 10 amps., 7 1/2 volts c.t. at 3 amps., 5 volts at 3 amps. (for rectifier). Primary is wound for 115



Filter Choke

volts 50-60 cycles a.c. Size 5x4x4 1/4". Mounting centers 3x3 1/4". With color-coded leads. Shipping weight 12 pounds.
W226—Your Cost Each, Special.
 Heavy-duty choke to match above; 12 henrys at 250 ma. 1/2" high. 3" wide. Mounting centers 2 1/4". Shipping weight 8 lbs. **\$1.95**
W227—Your Cost Each, Special

"HF" Micro Condensers

Cadmium-plated, soldered brass plates; Insulantite insulation; single-hole mounting or base mounting. Double units have inter-shield and silver-plated Beryllium wipers for each section.

Stock No.	Cap. Mmfd.	No. of Plates	Your Cost
W8700	17.5	5	\$0.73
W8701	35	10	.88
W8702	50	14	.94
W8703	100	27	1.12
W8704	140	37	1.32
W8705*	30	20	1.09

Split-Stator Units

Specs are given per section.

W8706	50	14	\$1.62
W8707	100	27	1.91
W8708	140	37	2.21
W8709*	28.5	19	1.91

*Indicates double spacing.

STAR Midget Condensers

Non-corrosive aluminum plates, Bakelite insulation. Single-hole mount, 1/2" shaft. Wiper spring contact to rotor plates insures perfect contact.

Stock No.	Cap. Mmfd.	Depth Inches	Your Cost
W8482	15	1 1/8	49c
W8483	25	1 1/8	
W8484	50	1 1/8	53c
W8485	100	1 1/8	59c
W8486	140	1 1/8	73c
W8487	35	1 1/8	59c
W8489*	50	1 1/8	73c

Double-spaced transmitting units.

TOBE Condensers

2000 volts d.c. working. Processed in Micranol. Force-lain terminals. Aluminum cans. Sealed against moisture. Ideal for use in ham transmitters and high-power P.A. amplifiers.

W2723—1.0 mfd.	\$1.70
W2724—2.0 mfd.	\$2.50

UNIVERSAL TRANSCEIVER SETS

Encased in highly polished molded Bakelite, weighs only 15 ounces. Include 6-foot multi-connector cord. Each has resistance of 200 ohms per button. Receiver in each is an extremely sensitive unit. Shpg. wt. 3 lbs.

W14043—Single button, output minus 38 db. **\$5.88**
Your Cost.....

W13592—Double button, output minus 55 db. **\$8.24**
Your Cost.....

BLILEY Crystal Holder

Crystal holder of molded Bakelite to fit tube socket base. 20-40 meter and 80-160 meter types. Diameter, 2", height 1" excluding pins, weight, 1 1/4 ounces. Will fit the usual 5-prong socket. Type BC-3.

W13098—20-40 meter.
W13099—80-160 meter.
Your Cost..... **95c**

Insulantite R. F. Choke

For short- and ultra-short-wave receivers and transmitters. 4 windings carry 125 ma., inductance 8 mh., d.c. resistance 70 ohms. Is 1 1/2 x 3/4"; on Insulantite spool.

W8524—Type CH-8 **65c**
Your Cost Each

Heavy-Duty R. F. Choke

For hi-power rigs working in the 20, 40, 80 and 160-meter bands. Six pies on Insulantite core carry 500 ma., continuous. Inductance 2.5 mh., d.c. resistance 8 ohms.

W8522—Type CH-500 **\$1.03**
Your Cost Each

Air-Padding Condensers

Insulantite base; soldered brass plates; .015" air-gap; only 1 1/4 x 1 1/4" high. Screw-driver adjustment; maintain constant capacity under all climatic conditions. Type APC.

Stock No.	Cap. Mmfd. Min.—Max.	Your Cost
W8623	3 25	\$0.76
W8624	4 50	.88
W8625	5 75	1.00
W8626	6 100	1.12

Shaft Coupling

Bakelite canvas; brass bushings for 1/4" shafts; 4 set-screws for shaft; overall diameter 1 1/2".

W8412—Your Cost **35c**

MIDGET R. F. CHOKE

Universal-wound pies on Insulantite core 1 1/2" long, 1/2" in diameter. Inductance 2.1 mh., d.c. resistance 3 ohms, rated at 125 ma. With long, tinned copper leads. An efficient space-saver.

W10002—Type CH-X **35c**
Your Cost Each

Cased R. F. Chokes

In aluminum shield can. Used in hi-gain circuits. 3 universal-wound pies. Inductance 10 millih., d.c. resistance 65 ohms; rated at 100 ma.

W8523—Type CH108 **59c**
Your Cost

Bakelite-Cased Chokes

Type RFC85—Passes 60 ma. 85 millih., 215 ohms.

W8525—Your Cost **\$1.18**

Type RFC250—250 millih., at 60 ma., 420 ohms.

W8526—Your Cost **\$1.32**

Insulantite Coil Forms

Equipped with a black enameled grip handle. Size 1 1/2" diameter, 2 1/4" high, form only. Ample holes are provided for taps, etc.

W10056—4-prong form

W10057—5-prong form

W10058—6-prong form

Type CF. **59c**
Your Cost Ea.

H. F. ACORN SOCKET

Insulantite base. Silver-plated double-grip spring clips. 1 1/4" diameter. Aligning plug.

W8473—**88c**
Type S-900 List \$1.50
Your Cost Each

BLILEY CRYSTALS

LD2 "HAM" CRYSTALS

Frequency guaranteed within .03% under normal conditions. Temperature control is not needed. In Bakelite mounting; stainless steel electrodes, machine-lapped. Fits any 5-prong socket. For 40, 80, 160 meters.

Specify frequency desired.

W13585—Within 5 kc. **\$4.80**
Your Cost.....

W13494—Exact kc. **\$5.90**
Your Cost.....

HF2 20-Meter Crystals

Housed in holder shown above, of Victrol G; plugs into any 5-prong socket. Offers control for 20, 10 and 5 meters. Easily excited. Frequency drift only 20 cycles/mc/C. Accurately calibrated; guaranteed within .03%.

W13515—14 to 14.4 mc. Within 15 kc. of your specification. Complete. **\$6.50**
Your Cost.....

W13496—14 to 14.4 mc. Within 5 kc. **\$10.00**
Your Cost.....

W13497—14.4 to 15 mc. Within 30 kc. **\$6.50**
Your Cost.....

VF1 Variable Frequency Crystal

A mounted low-drift 80-meter crystal whose frequency is adjustable over a wide range. May be used for multiplying. Variation up to 6 kc. on 80, 12 kc. on 40 meters.

Specify minimum frequency desired between 3.5 and 4 mc. Supplied accurate to within ± 5kc.

W13493—**\$8.00**
Your Cost.....

BC3 "Ham" Crystals

A moderately priced, mounted X-cut power crystal for the 40 and 80-meter ham bands. A powerful oscillator. Frequency drift 23 cycles/mc/C. One piece Bakelite holder plugs into any 5-prong socket and mounts in any position.

When ordering, specify frequency (40 or 80 meter band) and accuracy desired.

W13531—BC3 mounted crystal. Within 5 kc. **\$3.95**
Exact integral kc. **\$4.95**

Band Spread Midgets

Tank section has capacitance of 100 mmd. and can be set and locked. Insulantite. 1/4" shaft front and rear for gauging. Ideal for ham receivers or frequency meters.

Stock No.	Type No.	Cap. Mmfd.	Your Cost
W8516	MC120B	20	\$1.76
W8517	MC150B	50	1.91
W8518	MC175B	80	2.06

Dual-Spaced Midgets

For transmitters; .0175" air gap; Insulantite insulation; single-hole mount; compact.

Stock No.	Type No.	Cap. Mmfd.	Your Cost
W8468	MC208X	25	\$1.18
W8488	MC35MX	33	1.32
W8489	MC30MX	50	1.62
W8490*	MC35MX	33-33	2.06

*Split-stator condenser.

Improved Midget Units

Non-corrosive plates; Insulantite insulation; fitted bearings; 4-point bronze wipers; single-hole mount; bushing lock for fixed work; can be ganged; .0245" air-gap; test 500 volts a.c.; plates are of soldered brass; stop is provided; all are clockwise rotation.

Stock No.	No. of Plates	Cap. Mmfd. Min.—Max.	Your Cost
W8503*	3	3-20	\$0.82
W8504*	5	4-35	.88
W8505*	7	5-50	.94
W8506*	11	6-80	1.18
W8507*	11	6-80	1.18
W8508*	14	6-100	1.32
W8509*	14	6-100	1.32
W8510	19	7-140	1.47
W8511	27	10-200	1.62
W8512*	34	10-260	1.76
W8513*	43	12-320	2.06

Dual Midget Condensers

Stock No.	Cap. Mmfd. Per Sec.	Min. Cap.	Max. Your Cost
W8519†	140	7	\$2.35
W8520†	100	6	2.06

*Semi-circular plates; †Midline

Thiutest CRYSTALS

Ground from the finest quartz. Approximately 1" sq. with rounded corners. X or Y cut accurate within 1/10 of 1% or better. Specify frequency and cut desired and we will supply nearest stock crystal.

Stock No.	Frequency Kilocycles	Your Cost
W13501	700-7300	\$3.75
W13502	3500-4000	\$2.45
W13503	1700-2000	
W13504	500-1700	3.95

Oscillating Blanks

Quartz blanks about 1" square with rounded corners. Furnished X or Y cut for 80-meter band, but uncalibrated. Specify cut.

W13461—Your Cost **\$1.75**

Lafayette Crystal Holders

Sturdy case; solid brass plates; fit 5-prong socket; 1 1/4 x 1 1/4" high.

W13192—For 80 and 160-meter.
W13190—For A-T cut.
W13191—For 40-meter. **85c**
Your Cost Each.....

Trutest **TRANSFORMERS** and **CHOKES**

The TRUTEST transformers and choke coils listed on this page cover practically all the popular types used in amateur stations. In the event that you should require a unit not listed here, we will be glad to quote you low wholesale prices on specifications submitted by you.



Type D Mounting—Fully shielded. Can be mounted so as to have the terminals above or below chassis.



Type E Mounting—Open type. Has terminal strip on Bakelite.



Type F Mounting—Fully shielded. With nut and bolt terminals.



Type G Mounting—Fully shielded.

PLATE TRANSFORMERS

All primaries for 115 volts, 50 60 cycles, a.c. Where voltage is specified (ct.) divide by two to obtain voltage each side.

Stock No.	Mount. Type	Load Ma.	Volts Plate and Fil.	Size Inches	Your Cost
W1517	C	150	800 ct.; 2½ v. ct.-5 a.; 2½ v. ct.-12 a.; 5 v.-3 a.	4½x 3¾x4½	\$3.25
W5539	G	200	1000 ct.; 2½ v. ct.-14 a.; 5 v.-3 a.	4½x 3¾x4½	4.00
W1516	C	175	(1160 ct. 2½ v. ct.-10 a.; 2½ v. ct.-3 a.; 5 v.-3 a.)	4½x 3¾x4½	3.75
W5540	G	200	1200 ct. 2½ v. ct.-10 a.; 7½ v. ct.-3 a.; 5 v.-3 a.	5½x 3¾x4½	4.95
W5521	G	150	800-0-800	5½x 3¾x4½	3.75
W2551	B	200	550-0-550	5½x 4¾x4½	5.75
W5522	G	250	800-0-800	6½x 3¾x4½	5.50
W5523	H	350	900-750-0-750-900	6 x 4¾x4½	8.50
W5524	H	500	1400-1250-0-1250-1400	7¾x 7¾x7½	16.00
W5525	H	400	2000-1600-0-1600-2000	7¾x 7¾x7½	24.75
W5526	A	500	3000-2500-0-2500-3000	15 x10¾x9½	32.50
W5527	H	200	1400-1250-0-1250-1400	7 x 5¾x5½	10.00

FILAMENT TRANSFORMERS

Stock No.	Mount. Type	Windings Volts and Amps.	Insula. Volts	Size Inches	Your Cost
W2542	B	2½ v. ct. 10 a.	10,000	4¾x4¾x3½	\$3.40
W2544	B	7½ v. 5 amps	5,000	4¾x4¾x3½	3.25
W2545	B	7½ v. 5 amps	5,000	4¾x4¾x3½	3.75
W2546	B	10 v. ct. 8 a.	5,000	4¾x4¾x3½	3.75
W2547	E	10 v. ct. 4½ a.	2,500	3¾x2¾x3¾	1.75
W2549	E	2½ v. ct. 6 a. (2) 5 v. ct. 3 a.	2,500	3¾x2¾x3¾	1.75
W2031	E	2½ v. 5 a.; 5 v. 3 a.; 7½ v. 3 a.	2,500	3¾x2¾x3¾	1.75
W2032	E	2½ v. 5 a.; 7½ v. 3 a.; 7½ v. 3 a.	2,500	3¾x2¾x3¾	1.75
W2033	E	3 secondaries, 7½ v. at 3 a.	2,500	3¾x2¾x3¾	1.75
W2034	E	7½ v. 3 a. (2) 5 v. 3 a.	2,500	3¾x2¾x3¾	1.75
W5508	E	2½ v. ct. 20 a.	2,500	3¾x2¾x3¾	1.50
W5509	E	7½ v. ct. 6½ a.	2,500	3¾x2¾x3¾	1.75
W5510	E	10 v. ct. 6½ a.	2,500	3¾x2¾x3¾	2.00
W5511	E	6.3 v. ct. 5 a.; 5 v. ct. 6 a.	2,500	3¾x2¾x3¾	2.00
W5512	E	2½ v. ct. 12 a.	5,000	3¾x2¾x3¾	1.75
W5513	E	5 v. ct. 3 a. (2) 5 v. ct. 6 a.	2,500	3¾x2¾x3¾	2.00

SMOOTHING AND SWINGING CHOKES

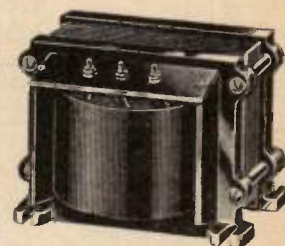
Stock No.	Mount. Type	Induc. Hen.	Ma.	Resis. Ohms	Dimensions Inches	Your Cost
W5518*	F†	5/25	200	140	4¾x3¾x4½	\$2.50
W5519*	G**	5/25	300	105	4¾x3¾x4½	3.75
W5520*	G**	5/25	500	70	6½x3¾x4½	6.50
W2535*	B‡	5/25	750	40	12 x7½x5½	11.25
W5515	F†	12	200	140	4¾x3¾x4½	2.50
W5516	G**	12	300	105	4¾x3¾x4½	3.75
W5517	G**	12	500	70	6½x3¾x4½	6.50
W2536	D†	15	150	110	4¾x3¾x4½	2.40
W2537	D**	15	250	100	5 x3¾x4½	3.95
W2538	D**	30	150	130	5 x3¾x4½	3.95
W2539	B**	30	250	100	5½x6¾x4½	6.75

(*) Indicates swinging types—others are smoothing chokes.
(†) Breakdown voltage, 1000; (**) 2000 volts; (‡) 3000 volts.

All TRUTEST components are fully guaranteed under RMA standards and are individually tested and constructed to conform with the highest standards of the industry. Design and materials are such as to withstand unusually severe service over long periods.



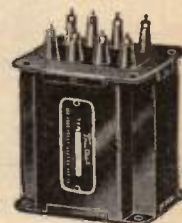
Type A Mounting—Totally enclosed. Massive die-cast frame with metal end covers. Terminals are of the ceramic stand-off type.



Type B Mounting—Open type with Bakelite terminal plate and heavy die-cast frame. Slotted legs.



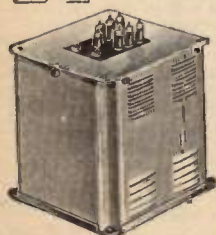
Type C Mounting—Flush mounting type in combination models only.



Type H Mounting—Similar to type D, but equipped with ceramic stand-off insulators.



SPECIALY PRICED SHIELDED HIGH-POWER TRANSFORMERS



Type 20462A—Delivers 1000-750-0-750-1000 volts a.c. at 300 milliamperes. Shpg. wt. 21 lbs. Type "A" housing.
W5475—Your Cost, Special. \$5.70

Type 20462B—Delivers 1500-1250-1000-0-1000-1250-1500 volts a.c. at 300 milliamperes. Shpg. wt. 25 lbs. Type "A" housing.
W5476—Your Cost, Special. \$7.35

These units are made by the United Transformer Corporation, makers of the famous UTC line of transformers, and carry the quality mark of that organization. Type "A", illustrated at left, is housed in a ventilated, silver-finished shield; ceramic high-tension terminals are brought out on top. Type "B" is for inverted mounting and has lug terminals. Both primaries for 110 volts, 60 cycles a.c.

Type 20462E—575-525-0-525-575 volts at 500 ma. For p.p. tubes like 6L6, 807, 46, 59, etc. Shpg. wt. 22 lbs. "A" housing.
W5479—Your Cost. \$5.70

Type 20462C—Delivers 2500-2000-1500-0-1500-2000-2500 volts a.c. at 300 milliamperes. Type "A" shield. Wt. 33 lbs.
\$11.95

W5477—Your Cost
Type 20462D—Delivers 1500-1250-1000-0-1000-1250-1500 volts a.c. at 500 milliamperes. Type "A" shield. Wt. 31 lbs.
\$11.75

W5478—Your Cost
866 FILAMENT TRANSFORMER
Type 22283—Similar to "A" shield, but with lug terminals. Primary tapped for 105/115 volts, 60-cycle a.c. Delivers 2½ volts, ct, at 10 amps. 5000-volt insulation to ground. Shpg. wt. 5 lbs.
W5472—Your Cost, Special \$1.65

INVERTED MOUNTING TRANSFORMERS
Type 20757—600-0-600 volts at 200 ma., 2½ volts ct at 10 amps., 7.5 volts (tapped at 6.3) at 3 amps., 5 volts at 3 amps. Type "B." Shpg. wt. 14 lbs.
W5473—Your Cost, Special. \$2.95

Type 21647—500-425-0-425-500 volts at 250 ma., 6.3 volts, ct, at 3 amps., 6.3 volts, ct, at 3 amps., 5 volts at 3 amps. Type "B." Shpg. wt. 14 lbs.
W5474—Your Cost, Special. \$2.95



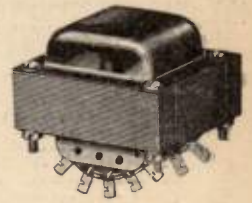
Trutest Power Transformers

SERVICE OVER 90% OF ALL STANDARD RECEIVERS



HORIZONTAL TYPE
With slotted mounting brackets and flexible wire leads.

Trutest Power Transformers, engineered by experts and constructed of the finest materials, truly deserve the popularity accorded them in the service field. Each unit is designed to provide ample safety factor under any normal conditions of use. As a result, Trutest Power Transformers are fully guaranteed, under R.M.A. standards, for a period of 90 days, against mechanical or electrical defects. This is your assurance that Trutest Transformers will live up to the claims made for them. To simplify installation, and to preclude any possibility of error in wiring, each unit is furnished with a schematic diagram showing each terminal connection. All Trutest power transformers have 105-115 volt, 50-60 cycle primaries.



FLUSH TYPE
With corner mounting screws and lug terminals.

Flush Mounting Types For 2.5 Volt Tubes

For 4 Tube Midgets

Secondaries: (1) 650 volts c.t. at 40 ma.; (2) 2.5 volts c.t. at 3.75 amps.; (3) 5 volts at 2 amps. 3x2 1/2"; centers 2 1/2 x 2".
Shpg. wt. 4 lbs.
W1521—Your Cost Each **71¢**

For 5 Tube Midgets

Secondaries: (1) 680 volts c.t. at 50 ma.; (2) 2.5 volts c.t. at 7 amps.; (3) 5 volts at 2 amps. 3x2 1/2"; centers 2 1/2 x 2".
Shpg. wt. 4 lbs.
W2431—Your Cost Each **98¢**

For 6 Tube Sets

Secondaries: (1) 700 volts c.t. at 70 ma.; (2) 2.5 volts c.t. at 8.75 amps.; (3) 5 volts at 2 amps. 3 1/4 x 3 1/4"; centers 3 1/4 x 2 1/2".
Shpg. wt. 6 lbs.
W1492—Your Cost Each **\$1.35**

For 7 Tube Sets

Secondaries: (1) 700 volts c.t. at 70 ma.; (2) 2.5 volts c.t. at 7 amps.; (3) 2.5 volts c.t. at 3 amps.; (4) 5 volts at 3.5 amps. 3 1/4 x 3 1/4"; centers 3 1/4 x 2 1/2".
Shpg. wt. 8 lbs.
W1505—Your Cost Each **\$1.50**

For 8 and 9 Tube Sets

Secondaries: (1) 700 volts c.t. at 90 ma.; (2) 2.5 volts c.t. at 10.5 amps.; (3) 2.5 volts c.t. at 3.5 amps.; (4) 5 volts at 3 amps. 3 1/4 x 3 1/4"; centers 3 1/4 x 2 1/2".
Shpg. wt. 8 lbs.
W1507—Your Cost Each **\$1.70**

For 10 and 12 Tube Sets

Secondaries: (1) 700 volts c.t. at 110 ma.; (2) 2.5 volts c.t. at 15.25 amps.; (3) 2.5 volts c.t. at 3.5 amps.; (4) 5 volts at 3 amps. 4 1/2 x 3 1/4"; centers 3 1/4 x 3".
Shpg. wt. 9 lbs.
W1509—Your Cost Each **\$2.25**

Technical TRUTEST Power Transformer Specifications

All transformers have core material of first grade annealed silicon steel having a very low core loss; permeability remains constant and cannot be destroyed. All meet RMA standards governing regulation characteristics. Average temperature rise 51° C. Insulation tested at 1500 volts. Primaries tested at double the rated voltage.

Horizontal Mounting For 2.5 Volt Tubes For 5 and 6 Tube Sets

Mounting Area: 3 1/4 x 3 1/4". Mounting Centers: 3 1/4 x 2". Secondaries: (1) 700 volts c.t. at 70 ma.; (2) 2.5 volts c.t. at 8.75 amps.; (3) 5 volts at 2 amps.
Shpg. wt. 6 lbs.
W1504—Your Cost Each **\$1.35**

For 6 and 7 Tube Sets

Mounting Area: 3 1/4 x 3 1/4". Mounting Centers: 3 1/4 x 1". Secondaries: (1) 700 volts c.t. at 70 ma.; (2) 2.5 volts c.t. at 7 amps.; (3) 2.5 volts c.t. at 3.5 amps.; (4) 5 volts at 3 amps.
Shpg. wt. 8 lbs.
W1506—Your Cost Each **\$1.45**

For 8 and 9 Tube Sets

Mounting Area: 3 1/4 x 3 1/4". Mounting Centers: 3 1/4 x 2". Secondaries: (1) 700 volts c.t. at 90 ma.; (2) 2.5 volts c.t. at 10.5 amps.; (3) 2.5 volts c.t. at 3.5 amps.; (4) 5 volts at 3 amps.
Shpg. wt. 8 lbs.
W1508—Your Cost Each **\$1.89**

For 10 and 12 Tube Sets

Mounting Area: 4 1/4 x 3 1/4". Mounting Centers: 3 1/4 x 2". Secondaries: (1) 700 volts c.t. at 110 ma.; (2) 2.5 volts c.t. at 15.25 amps.; (3) 2.5 volts c.t. at 3.5 amps.; (4) 5 volts at 3 amps.
Shpg. wt. 9 lbs.
W1510—Your Cost Each **\$2.25**

Flush Mounting Types For 6.3 Volt Tubes

For 4 Tube Midgets

Mounting Area: 3x2 1/2". Mounting Centers: 2 1/2 x 2". Primary: 115 volts, 60 cycles. Secondaries: (1) 650 volts c.t. at 40 ma.; (2) 6.3 volts c.t. at 1.6 amps.; (3) 5 volts at 2 amps.
Shpg. wt. 4 lbs.
W5635—Your Cost Each **75¢**

For 5 Tube Midgets

Mounting Area: 3x2 1/2". Mounting Centers: 2 1/2 x 2". Primary: 115 volts, 60 cycles. Secondaries: (1) 650 volts c.t. at 45 ma.; (2) 6.3 volts c.t. at 2 amps.; (3) 5 volts at 2 amps.
Shpg. wt. 4 lbs.
W5636—Your Cost Each **95¢**

For 6 Tube Sets

Mounting Area: 3x2 1/2". Mounting Centers: 2 1/2 x 2". Primary: 115 volts, 50-60 cycles. Secondaries: (1) 600 volts c.t. at 50 ma.; (2) 6.3 volts c.t. at 2 amps.; (3) 5 volts at 2 amps.
Shpg. wt. 4 lbs.
W1518—Your Cost Each **\$1.05**

For 7 and 8 Tube Sets

Mounting Area: 3 1/4 x 3 1/4". Mounting Centers: 3 1/4 x 2 1/2". Primary: 115 volts, 50-60 cycles. Secondaries: (1) 700 volts c.t. at 90 ma.; (2) 6.3 volts c.t. at 3 amps.; (3) 2.5 volts c.t. at 4 amps.; (4) 5 volts at 3 amps.
Shpg. wt. 8 lbs.
W1519—Your Cost Each **\$1.85**

For 9 and 10 Tube Sets

Mounting Area: 3 1/4 x 3 1/4". Mounting Centers: 3 1/4 x 2 1/2". Primary: 115 volts, 50-60 cycles. Secondaries: (1) 700 volts c.t. at 100 ma.; (2) 6.3 volts c.t. at 4 amps.; (3) 2.5 volts c.t. at 4 amps.; (4) 5 volts at 3 amps.
Shpg. wt. 9 lbs.
W1520—Your Cost Each **\$1.98**

We can furnish special transformers for other voltages and frequencies. Submit your specifications and we will quote.

Trutest "Bottom Shell" Transformers



Completely shielded flush mounting transformers. Approved by the Underwriters Laboratories. Coded leads. All primaries for 105-115 volts, 50-60 cycles a.c.

2.5 Volts—5 and 6 Tubes

Secondaries: 650 volts c.t. at 50 ma.; 2.5 volts c.t. at 5 1/4 amps.; 2.5 volts c.t. at 1.75 amps.; 5 volts at 3 amps. Dimensions: 2 1/4 x 3 1/4 x 3 1/4". Shpg. wt. 5 lbs. **\$1.39**
W1450—Your Cost

2.5 Volt—6 and 7 Tubes

Secondaries: 700 volts c.t. at 70 ma.; 2.5 volts c.t. at 7 amps.; 2.5 volts c.t. at 3 amps.; 5 volts at 3 amps. Dimensions: 3 1/4 x 3 1/4 x 3 1/4". Shpg. wt. 5 lbs. **\$1.58**
W1451—Your Cost

2.5 Volts—8 and 9 Tubes

Secondaries: 700 volts c.t. at 90 ma.; 2.5 volts c.t. at 10.5 amps.; 2.5 volts c.t. at 3 amps.; 5 volts at 3 amps. Dimensions: 3 1/4 x 4 1/4 x 3 1/4". Shpg. wt. 7 lbs. **\$1.95**
W1452—Your Cost

6.3 Volts—4 and 5 Tubes

Secondaries: 650 volts c.t. at 50 ma.; 6.3 volts c.t. at 1.6 amps.; 5 volts at 2 amps. Dimensions: 2 1/4 x 3 1/4". Shpg. wt. 4 lbs. **\$1.10**
W5492—Your Cost

6.3 Volts—6 and 7 Tubes

Secondaries: 650 volts c.t. at 70 ma.; 6.3 volts c.t. at 2.8 amps.; 5 volts at 3 amps. Dimensions: 2 1/4 x 3 1/4 x 3 1/4" high. Shpg. wt. 8 lbs. **\$1.45**
W5493—Your Cost

Schematic diagrams showing all connections are supplied.

Trutest Upright Shield Transformers



All primaries for 105-115 volts, 50-60 cycles a.c.

2.5 Volts—7 Tubes

Secondaries: 750 volts c.t. at 75 ma.; 2.5 volts c.t. at 7 amps. (for 4 heaters); 2.5 volts c.t. at 3.5 amps. (for 2 power tubes); 5 volts at 2 amps. (80 rect.). Shpg. wt. 7 lbs. **\$2.35**
W1958—Your Cost

2.5 Volts—9 Tubes

Secondaries: 750 volts c.t. at 90 ma.; 2.5 volts c.t. at 10.5 amps. (for 6 heaters); 2.5 volts c.t. at 3.5 amps. (for 2 power tubes); 5 volts at 2 amps. (80 rect.). Shpg. wt. 8 lbs. **\$2.35**
W1961—Your Cost

2.5 Volts—11 Tubes

Secondaries: 750 volts c.t. at 110 ma.; 2.5 volts c.t. at 14 amps. (for 8 heaters); 2.5 volts c.t. at 3.5 amps. (for 2 power tubes); 5 volts at 2 amps. (for 80 rect.). Shpg. wt. 8 lbs. **\$2.35**
W1963—Your Cost

either leads or lugs. Furnished with detailed wiring instructions. Mounting Area: 3 1/4 x 3 1/4". Mounting Centers: 3x2 1/2".

2.5 Volts—6 Tubes

Secondaries: 750 volts c.t. at 70 ma.; 2.5 volts c.t. at 5.25 amps.; 2.5 volts c.t. at 3.5 amps.; 5 volts at 2 amps. Shpg. wt. 7 lbs. **\$2.35**
W1956—Your Cost

We Will Not Knowingly Be Undersold

Exact Duplicate Power Transformers

Name of Radio and Model	Stock No.	Your Cost
ALL AMERICAN MOHAWK		
Lyric 90, 98, 4, 5, 6	W2200	\$3.40
D and H	W2201	3.40
J, P	W5586	2.95
APEX		
Gloritone 26-A	W2205	2.20
Gloritone 26-P	W2484	2.00
Gloritone 27	W2485	2.25
Case 80	W2210	3.85
8-B	W2211	3.30
7	W2480	2.95
32	W2483	2.65
ATWATER KENT		
36, 37 and 38	W2255	2.10
40, 56, 57, 42, 44, 45, 52 Complete Pack	W1376	4.95
46, 47, 53 Complete Pack	W1375	6.90
55 and 55-C, Late Types	W2446	3.95
60 and 60-C	W2246	3.45
82, 85	W2447	3.45
80 and 83	W2472	3.40
84	W2474	3.45
87, 89 and 89-P	W2476	3.75
70, 72, 75, L-1, L-2, H-1, H-2	W2440	2.95
310	W2378	3.75
BOSCH		
5, 5A	W2406	2.50
28	W2254	1.95
48	W2260	3.10
58	W2261	3.25
Model 20	W2432	2.95
Model 250-P	W2433	3.95
Model 812	W5588	4.95
CLARION		
300	CL132	3.50
56	CL264	3.50
340	CL267	2.20
470	CL482	1.95
51	CL103	2.75
61, 70	CL200	3.25
160	CL232	2.95
80	CL102	2.00
200	CL262	1.75
240	CL269	1.95
COLONIAL		
31	W2363	3.40
82	W2279	3.70
36-114, 38-117, 39-125	W2225	2.95
47	W2227	2.95
44	W2226	2.75
COLUMBIA RADIO		
Screen Grid 8	W2305	3.35
CROSLEY		
71, 71-1, 84	W5590	3.95
122	W5591	3.95
125	W5592	3.95
131, 132	W5593	3.95
AC-7	W1890	1.10
608, 25 cycle	W1885	1.35
704	W1887	1.35
704-A	W1886	1.95
53, 54, 57, 58	W5594	3.25
124	W5595	3.25
EARL and FREED		
Earl 21, 22; Freed 55, 56	W2286	2.55
Earl 24, 31, 32, 33, 41;		
Freed 65, 78, 79, 90, 95	W2287	2.90
Earl 24, 31, 32, 33, 41; Freed		
65, 78, 79, 90, 95, coil only	W2288	1.95
EDISON		
R-4, R-5 and C-4	W2251	3.85
R-6 and R-7	W2306	4.10
R1, R-2 and C-2 (Plate)	W2350	2.75
R-1, R-2, C-2 (Filament)	W2338	3.95
EVEREADY		
1, 2 and 3	W2254	1.95
40 and 50 series	W2284	2.69
FADA		
10, 11, 16, 17, 20, 30, 31 and 82	W2277	3.65
25	W2351	3.65
35 and 35-B	W2352	3.65
41, 42, 44, 46 and 47	W2353	3.65
43, KF, KG, 761, 766, 767	W2354	3.65
50, 70, 71, 72 for E-420 Unit	W2355	3.65
45 (KU)	W2358	3.67
KO and KOC; 51, 53, 57	W2464	3.65
FRESHMAN		
"Q" 60 cycle	W2263	2.45
N, 2-N, N11, N-12, N-17 N-60SW2313		4.70

Name of Radio and Model	Stock No.	Your Cost
GENERAL ELECTRIC		
H-31, H-51 and H-71, 60 cycle	W2156	\$2.95
T-41, 60 cycle	W2155	2.95
T-41, 25 cycle	W2143	2.50
S-22, S-42, 60 cycle	W2187	1.95
T-12, 60 cycle	W2188	2.20
K-62, 60 cycle	W2189	2.95
H-32, H-72, 60 cycle	W2190	2.95
J-72	W2118	2.95
J-82	W2117	3.25
J-83 and J-87	W2119	3.25
J-85	W2112	2.75
J-70-75	W2454	2.25
GENERAL MOTORS		
"A", 120, 130, 140, 150, 160	W2278	3.10
MA and MB Chassis for 110, 180, 190	W2518	2.05
252, 253, 254, 255, 256, 257	W2520	3.05
S-1-A, 216, 217, 219, 250	W2521	3.05
110, 180, 190, 25 cycle	W2519	2.95
GRAYBAR		
311, 60 cycle	W2150	1.35
500 and 550, 60 cycle	W2152	2.55
340, 60 cycle	W2153	2.50
678, RC-3, 60 cycle	W2155	2.95
678, RC-3, 25 cycle	W2143	2.50
600, 60 cycle	W2154	2.90
700, 770, 900, 60 cycle	W2156	2.95
Midget 8, 60 cycle	W2187	1.95
Graybarette No. 4, 60 cycle	W2188	2.20
GB-9, 60 cycle	W2189	2.95
GB-100, 60 cycle	W2190	2.95
GRUNOW		
6C, 660, 661	W5601	3.95
6D, 670, 671	W5602	3.95
7A, 700, 701	W5603	3.95
7B, 750, 751	W5604	3.95
8A, 801	W5605	3.95
9A, 901, 902	W5606	3.95
KOLSTER		
K-24	W2054	5.30
K-43 and K-48	W2051	4.95
6-J and 6-K	W2066	3.75
International K-80, K-90	W2068	3.75
International K-110, K-120	W5607	3.95
International K-130	W5608	3.95
International K-140	W5609	3.95
MAJESTIC		
70, 71, 72, 7-BP6, Plate-Filament	W2125	3.75
90, 91, 92, 9-BP6, Plate-Filament	W2100	3.45
180, 8-BP6, Plate Transformer	W2169	4.25
90-B and 100-B	W2127	2.65
Chassis 15: 151, 153, 154	W1491	1.75
Chassis 20: 21, 22, 23	W2129	2.75
Chassis 50: 52	W2132	3.10
Chassis 130: 130, 131, 132	W2130	2.95
25 Series	W2128	3.25
210, 211, 214, 215	W2097	3.10
290, 291, 293, 294	W5611	3.45
320, 324	W5612	4.25
340, 344	W5613	3.85
360, 363	W5614	3.85
371, 373, 370	W5615	2.25
300, 300A	W2044	3.75
310A, 311	W2045	2.95
310B, 314, 315	W2046	2.95
380, 331, 336, 77	W2047	2.75
380, 381	W2016	1.70
800	W2049	2.95
390	W2048	2.75
PHILCO		
15	W1909	2.35
20 and 220	W1955	2.35
21	W1910	2.35
50	W1951	2.35
65	W1956	2.35
70	W1957	2.35
76 and 77	W1958	2.35
86	W1960	2.35
87	W1959	2.35
90 (2-45s)	W1961	2.35

Name of Radio and Model	Stock No.	Your Cost
PHILCO—(Cont.)		
90 (1-47)	W1952	\$2.35
90 (2-47s)	W1953	2.35
91-121	W1911	2.35
95 and 96	W1962	2.35
111 and 211	W1963	2.35
112 and 212	W1954	2.35
500 Series (511)	W1964	2.25
RCA-RADIOLA		
30-A	W2175	2.45
17, 18, 33, 40, 51; 60 cycle	W2150	1.35
44, 46, 47; 60 cycle	W2152	2.55
60 and 62; 60 cycle	W2151	2.50
66; 60 cycle	W2154	2.90
66; 25 cycle	W2193	3.95
64 and 67; 60 cycle	W2157	6.95
42 and 48; 60 cycle	W2155	2.95
42 and 48; 25 cycle	W2143	2.50
80, 82, 86; 60 cycle	W2156	2.95
R7, 7A, 9, RE-16A	W2187	1.95
R5, R5X	W2188	2.20
R-70	W2118	2.95
R-11, 18 and 18-A; 60 cycle	W2189	2.95
R-50, R-55 and RE-20, 60 cycle	W2190	2.95
R-8, R-10, R-12; 60 cycle	W2112	2.75
R-71, R-72	W2117	3.25
R-73, 75, RE-80 (47's)	W2119	3.25
R-4, R-6	W2454	2.25
R37, R38, R37P, 120	W2009	2.88
R28, R28P, R28BW, RE40, RE40P, 110, 111, 115, 210, 310	W2008	2.56
R90, R90P, 260	W2014	5.10
R-100, E-101	W2011	1.92
330, 331	W2015	2.88
118, 128, 128E, ACR136, 211, 224, 224E, 322, 322E	W2120	2.87
140, 141, 141E, 240, 340, 340E	W2121	4.11
143, 242, 262, 341	W2122	3.81
SPARTAN		
AC-7, 62 and 63	W229	2.35
930	W228	3.25
89-A	W231	3.00
589, 591, 593 and 931	W234	3.53
301, 564 and 570	W235	4.50
600, 610, 620 and 737	W236	3.45
69, 79, 79A, 89	W1834	2.95
STEWART-WARNER		
900 and 950 Series, 951, 952, 953, 961, 962, 963	W2272	3.55
102, A, B, E	W2214	2.90
R-119	W1804	1.95
STROMBERG-CARLSON		
10, 11, 25 and 26	W2370	3.45
37	W5622	3.95
38, 39, 40, 41	W2392	3.45
635 and 636	W2256	3.45
688, 25-60 cycle	W2249	4.95
641, 642, 652, 654	W2257	3.40
846 and 848	W2258	4.10
VICTOR		
R-32, RE-45, R-52, RE-75	W2185	2.65
100, 15, 14 and 17	W2155	2.95
36, 39 and 67; 60 cycle	W2155	2.95
7-11, 7-25, 7-26 and 17-8	W2150	1.35
9-18 and 9-54	W2157	6.95
R-7AC	W2187	1.95
R-5AC	W2188	2.20
R-11	W2189	2.95
R-50, R-55, RE-20	W2190	2.95
WESTINGHOUSE		
WR-4	W2155	2.95
WR-5, WR-6 and WR-7	W2156	2.95
WR-10A	W2137	1.95
WR-14	W2138	2.90
WR-15	W2189	2.95
ZENITH		
50-60 and 70 Series: ZE-50, ZE-60, ZE-70 Power Units	W1980	3.50
Super-Het, 10, 11 and 12	W1981	3.20
410, 411	W1977	3.75
BH chassis 2021	W5623	3.75
210-5, 211-5, 270-5	W5624	2.95
475, 760, 767, 765	W5625	3.75
476B, 77B, 776B	W5626	3.95

We can supply the correct power transformer for any standard radio receiver at lowest wholesale prices. Write giving full information and we will promptly quote.

STANDARD REPLACEMENT

AUDIO TRANSFORMERS

JEFFERSON AUDIO COMPONENTS



Audios

Type 467-403-Straight audio, ratio 1:3. Size: 2x3 1/2 x 1 1/2". Shpg. wt. 2 lbs.

W5443—Your Cost Each.....76¢

Type 467-404-P.P. Input, ratio 8:1. 2x3 1/2 x 1 1/2".

W5444—Your Cost.....82¢

Type 467-410-P.P. Output. Primary 7000 ohms c.t. Sec. for 6-8 ohm voice coil. 3 1/2 watts. 2x2 3/4 x 1 1/2". Shpg. wt. 2 lbs.

W5445—Your Cost.....68¢

Type 467-412-P.P. Output. Primary 6000 ohms c.t. Sec. for 10-15 ohm voice coil. 10 watts. 2 1/2 x 4 x 2 1/2". Shpg. wt. 3 lbs.

W5446—Your Cost.....97¢

W5449—Tube to 200 or 500 ohms. 2 1/2 x 2 1/2 x 2 1/2". Shpg. wt. 3 lbs.

W5450—200 or 500 ohms to tube. 2 1/2 x 2 1/2 x 2 1/2". Shpg. wt. 3 lbs.

Your Cost.....\$1.47

Either Type.....\$1.47

Universal Outputs



Primary and secondary tapped to match all types of output tubes to any voice coil. 1 1/2 x 2 1/2 x 2". Instructions furnished.

W5432—Each.....94¢

Same as above, but with oversized core. 2x2 3/4 x 2".

W5433—Your Cost.....\$1.17

Universal Inputs

For use as straight audio, p.p. input or double p.p. input. 1 1/2 x 2 1/2 x 2". Shpg. wt. 2 lbs.

W5434—Your Cost.....94¢

Same as above, but with oversized core. 2x2 3/4 x 2".

W5435—Your Cost.....\$1.17

Single-button mike to grid. 30 to 7000 c.p.s. 2x3 1/2 x 1 1/2".

W5447—Your Cost.....76¢

Lafayette "P. A." Audio Transformers

Employ a high grade of high permeability core material. Each unit individually checked for response and overall performance.

Overall Dimensions

Type A—2 1/2" L, 3" W, 3" H; centers 1 1/2 x 2 1/2".
Type B—3 1/2" L, 4 1/2" W, 3" H; centers 2 1/2 x 3 1/2".
Type C—3 1/2" L, 4 1/2" W, 4 1/2" H; centers 3 1/2 x 4 1/2".



CLASS A OUTPUTS

All secondary impedances of units listed below tapped for 500, 250, 15, 8, 5, 3 and 1.5 ohms.

Primary 5000 and 3000 ohms plate to plate. Type B m'tg. **\$3.75**

W2563—Your Cost.....\$3.75

Primary 2500 and 1500 ohms plate to plate. Type C m'tg. **\$5.45**

W2564—Your Cost.....\$5.45

Primary 8000 ohms plate to plate. Type B mounting. **\$3.75**

W2562—Your Cost.....\$3.75

Primary 4000 ohms plate to plate. Type C mounting. **\$5.45**

W2579—Your Cost.....\$5.45

Primary 10000 and 6000 ohms plate to plate. Type B m'tg. **\$3.75**

W2592—Your Cost.....\$3.75

Primary 6600 ohms plate to plate (for 6L6's self-bias). 35 watts. Type C mounting. **\$5.45**

W2595—Your Cost.....\$5.45

Primary 3800 and 3300 ohms plate to plate (2-6L6's fixed bias or 4-6L6's self-bias). 75 watts. Type C mounting. **\$7.95**

W2598—Your Cost.....\$7.95

Mixing Transformers

For mixing a 500, 200 or 50 ohm line to a 500, 200 or 50 ohm line. Type A mounting. **\$2.95**

W2594—Your Cost.....\$2.95

Heavy Duty P. A. Choke

For P.A. amplifiers up to 20 watts. 30 Henrys, 200 ohms d.c. resistance, 125 ma. (max. d.c.). 3x3 3/4". Shpg. wt. 3 lbs.

W5638—Your Cost Each.....89¢

CLASS A INPUTS

From one plate to two grids. Ratio 2:1 each side. Split secondaries. Type A mounting. **\$2.75**

W2570—Your Cost.....\$2.75

From 2 plates to 2 grids. 1.75:1 ratio each side. Both primary and secondary in two sections. Type A mounting. **\$3.25**

W2571—Your Cost.....\$3.25

500, 200 or 50 ohm line to single grid. Type A mounting. **\$3.45**

W2572—Your Cost.....\$3.45

CLASS B OUTPUTS

P.P. 49, 53, 79, 89 plates to 500, 200, 16, 8, 5, 3 and 1.5 ohms. Type A mounting. **\$3.75**

W5430—Your Cost.....\$3.75

P.P. 46 or 59 plates to 500, 200, 16, 8, 5, 3, 1.5 ohms. A m'tg. **\$3.75**

W5431—Your Cost.....\$3.75

CLASS B INPUTS

Driver plate to 49, 53, 79 or 89 grids. A mounting. **\$2.95**

W5429—Your Cost.....\$2.95

Driver 46 or 59 plate to 46 or 59 grids. A mounting. **\$3.25**

W2555—Your Cost.....\$3.25

Tube To Line Transformer

From a low level triode plate to 500, 200 or 50 ohms. Type A mounting. **\$3.45**

W2576—Your Cost.....\$3.45

30 Henry Filter Chokes

30H., 50 ma. max. d.c.; resistance 450 ohms. 2 1/2 x 1 1/2 x 2 1/2". Shpg. wt. 3 lbs.

W246—Your Cost Each.....39¢

2-Button Mike Trans.



Has a turn ratio of 1:45. Impedance ratio 1:2000. Flat response curve from 30 to 7000 c.p.s. 3 1/2 x 2 1/2 x 3 1/2". Shpg. wt. 3 lbs.

W1929—Each.....95¢

and Oversize Audios



Filter Choke

Ideal for amplifiers, receivers, etc. Excellent response. Type A approx. 2 1/2 x 2 1/2 x 3 1/2"; type B same, but with side terminals.

W1932—Push-pull Input. Type A. Shpg. wt. 2 lbs. \$83¢

W1913—Straight Audio; 3:1 ratio. Type A. Shpg. wt. 2 lbs. \$59¢

W5637—Filter Choke. 30 H., 280 ohms, 75 ma. (max.). \$59¢

W1840—P.P. Input. Type B. Your Cost.....85¢

W1841—Straight Audio. Type B. Your Cost.....69¢

P.P. Inputs

Fully shielded, lug terminals on bottom. High grade core material, impregnated coil. Excellent frequency characteristics. Turns ratio 3:1. Size: 2x2 1/2 x 2 1/2". Shpg. wt. 2 lbs.

W1912—Your Cost.....70¢

Similar to the above, but terminals on sides. 2 1/2 x 2 1/2 x 2 1/2".

W5485—Your Cost.....85¢

EXACT DUPLICATE AUDIOS and CHOKES for STANDARD RECEIVERS

Manufacturer	Model and Type	Stock No.	Your Cost
Atwater-Kent	55, 55C, 60, 60C-P.P. Input and Output Pack.	W2492	\$1.89
Atwater-Kent	67-Audio and P.P. Input.	W2243	1.98
Clarion	51-P.P. Input.	CL255	1.05
Clarion	60 Jr.-P.P. Input.	CL245	1.45
Clarion	61-P.P. Input.	CL248	1.45
Clarion	480-P.P. Input.	CL249	.95
Clarion	500-Driver Input.	CL438	1.25
Clarion	280-P.P. Output.	CL279	.85
Clarion	360-P.P. Output.	CL240	.85
Clarion	425, 440-P.P. Output.	CL243	.75
Clarion	320-P.P. Output.	CL241	.55
Clarion	400-P.P. Output.	CL242	.65
Crosley	60S, 61S, 62S, 63S-P.P. Input 32, 40, 41A, 41, 42, 704, 706-1st Audio and P.P. Input	W1892	1.89
Fada	42, 44, 46 (KA)-P.P. Input.	W1642	1.35
Fada	42, 44, 46 P.P. Output.	W1643	1.10
General Motors	120, 130, 140, 150, 160-P.P. Input.	W2298	1.45
Majestic	70, 90-1st Audio.	W2490	.98
Majestic	70, 90, 180-P.P. Input.	W2109	1.15
Philco	20, 220-P.P. Input.	W1738	.98
Philco	20, 220-P.P. Output.	W1746	.93
Philco	20, 220-Filter Choke.	W1750	.95
Philco	70, 270-Output.	W1749	1.05
Philco	76, 77-P.P. Input.	W1740	.83
Philco	76, 77-P.P. Output.	W1746	.93
Philco	76, 77-Filter Choke.	W1752	.98
Philco	90, 90A (2-45's)-P.P. Input.	W1742	1.10
Philco	90, 90A (2-45's)-P.P. Output.	W1746	.93
Philco	90, 90A (1-47)-Output.	W1749	1.05
Philco	90, 90A (1-47)-Filter Choke.	W1753	.93
Philco	95, 96, 296-P.P. Input.	W1932	.83
Philco	95, 96, 296-P.P. Output.	W1746	.93
Philco	111, 112 (2-45's)-P.P. Input.	W1932	.83

MANUFACTURER'S TYPE



Manufacturer	Model and Type	Stock No.	Your Cost
Philco	111, 112 (2-45's)-P.P. Output.	W1746	.93
Philco	111, 112 (2-45's)-Filter Choke.	W1752	.98
Philco	500 Series-Filter Choke.	W1754	1.75
Philco	41, 42, D.C.-P.P. Input.	W1740	.83
Philco	41, 42, D.C.-P.P. Output.	W1746	.93
Philco	41, 42, D.C.-Filter Choke.	W1752	.98
RCA-Victor	R32, RE45, R52, RE75-P.P. Input and Output assembly.	W1965	1.75
RCA-Victor	80, 82, 86, R35, R39, RE57-P.P. Input and Output assembly.	W1998	1.68
RCA-Victor	R50, R55, RE20, RAE69, RAE79-P.P. Input and Output assembly.	W2001	1.25
RCA-Victor	16, 17, 18, 33, 41, 50, 51-Dual Audio	W2005	1.25
RCA-Victor	44, 46, 47-Coupling Reactor.	W2000	1.48
RCA-Victor	R11, 18, 18A, 21, 26-P.P. Input.	W1999	1.45
RCA-Victor	R7, R9-P.P. Input and Output.	W1994	2.35
RCA-Victor	R7A-P.P. Input and Output.	W2098	1.95
Sparton	931, 301-Straight Audio.	W2456	1.18
Sparton	101, 110, 111-P.P. Input.	W2466	2.45
Sparton	301-P.P. Input.	W2467	2.06
Sparton	589, 930, 931-P.P. Input.	W281	1.18
Sparton	301-P.P. Output.	W2487	1.47
Sparton	930, 931-P.P. Output.	W276	.94
Stromberg	641, 642, 652, 654-Audio.	W2331	1.35
Stromberg	846-Audio.	W2270	3.75
Stromberg	10, 11, 25, 26-P.P. Input.	W2375	3.95
Stromberg	68-1st Audio.	W1813	1.25
Stromberg	68-Driver Input.	W1814	1.85
Zenith	50, 60, 70 Series-P.P. Interstage.	W2259	2.20

Mail Your Orders to NEW YORK, CHICAGO or ATLANTA

THORDARSON Replacement Audio TRANSFORMERS

Straight Audio Transformers

High quality units, ruggedly constructed. Designed to match a 10,000 ohm plate (like the 56, 76, 37, 27, 30, 55, 85, 57, 77, 6C6, etc.) to a single Class A grid delivering not more than 15 watts. Average shpg. wt. 3 lbs.

Stock No.	Type	Mount No.	Fig.	Turn Ratio	Dimensions H. W. D.	Mount. Holes	Your Cost
W213	R100	2C	1:3	2 1/2 x 2 1/2	1 1/2 x 1 1/2	Univ.	\$1.03
W239	R300	2A	1:3	3 x 2 1/2	2 1/2 x 2 1/2	2 x 2 1/2	2.06
W265	T2900	2B	1:3.2	2 1/2 x 2 1/2	2 1/2 x 2 1/2	2 1/2	1.03
W266	T5736	2F	1:3.2	2 1/2 x 2 1/2	2 1/2 x 2 1/2	2 1/2	1.18
W267	T5737	2B	1:3	3 x 2 1/2	2 1/2 x 2 1/2	2 1/2	1.75
W268	T5738	2F	1:3	3 x 2 1/2	2 1/2 x 2 1/2	2 1/2	1.90
W210	T8604*	2B	1:3.2	2 1/2 x 2 1/2	2 1/2 x 2 1/2	2 1/2	1.03
W211	T7574	2F	1:2	2 1/2 x 2 1/2	2 1/2 x 2 1/2	2 1/2	1.47

* Has static shield between primary and secondary.

Push-Pull Input Transformers

Similar to the straight audios, but single plate (10,000 ohms) to push-pull grids. Average shpg. wt. 3 lbs.

Stock No.	Type	Mount No.	Fig.	Turn Ratio	Dimensions H. W. D.	Mount. Holes	Your Cost
W216	R101	2C	1:3.2	2 1/2 x 2 1/2	1 1/2 x 1 1/2	Univ.	\$1.32
W281	T3391	2B	1:3.2	2 1/2 x 2 1/2	2 1/2 x 2 1/2	2 1/2	1.18
W282	T5739	2F	1:3.2	2 1/2 x 2 1/2	2 1/2 x 2 1/2	2 1/2	1.32
W283	T6740	2B	1:3	3 x 2 1/2	2 1/2 x 2 1/2	2 1/2	1.91
W284	T6741	2F	1:3	3 x 2 1/2	2 1/2 x 2 1/2	2 1/2	2.06
W285	T6742*	2B	1:3	3 x 2 1/2	2 1/2 x 2 1/2	2 1/2	1.91
W243	T4304	2A	1:3	3 x 2 1/2	2 1/2 x 2 1/2	2 x 2 1/2	2.20
W237	T8608	2B	1:3.2	2 1/2 x 2 1/2	2 1/2 x 2 1/2	2 1/2	1.18

* High Peak for Power Detection.

P. P. Interstage Transformers

Similar to the above, but p.p. plates to p.p. grids.

Stock No.	Type	Mount No.	Fig.	Turn Ratio	Dimensions H. W. D.	Mount. Holes	Your Cost
W2259	T5397	2F	1:1.3	3 x 2 1/2	2 1/2 x 2 1/2	2 1/2	\$2.20
W324	T6701*	2B	1:1.5	3 x 2 1/2	2 1/2 x 2 1/2	2 1/2	2.06
W272	T5870	2F	1:1.5	3 x 2 1/2	2 1/2 x 2 1/2	2 1/2	2.20

* May carry grid current in Class AB; not for Class B.

Audio Filter Chokes

All inductance ratings shown are with full rated current flowing through the winding. Average shpg. wt. 3 lbs.

Stock No.	Type	Mount No.	Fig.	Induct. Henrys	Rated Ma.	Res. Ohms	Your Cost
W241	R105	2C	10	75	266	\$1.03	
W332	T7430	2B	42	15	2100	.88	
W333	T1892	2B	22	35	405	1.03	
W334	T6807	2B	15	85	375	1.18	
W287	T5731	2F	5	80	138	.88	
W288	T5732	2F	5	80	138	1.03	
W289	T5733	2B	9.5	110	200	1.18	
W290	T5734	2F	9.5	110	200	1.33	
W335	T5740	2B	7.2	120	290	.79	
W336	T7430	2C	9.85	150	200	2.79	
W310	T6749	2F	5	200	80	1.91	
W259	T2353A	2F	5	200	80	2.06	
W5497	T2927*	2F	1080	.5	6150	.88	
W269	T1700B	2B	8.75	130	231	1.91	
W242	T146	2A	15	85	375	1.47	
W252	R707	2B	12	75	290	1.03	
W254	T4403	2B	12	80	405	.79	

* Screen Grid Coupler.

Transceiver Audios

Stock No.	Type	Mount No.	Fig.	Description	Dimen. Inches	Your Cost
W363	T7258	2B		Output, single pent. (47, 42, etc.), to low or high imp. phones	2 1/2 x 1 1/2	\$0.97
W377	T7259	2B		Single button (200 ohms) mike and audio	2 1/2 x 1 1/2	.97



2A



2B



2C



2D



2E



2F



2G

Output Coupling Transformers

Overall Dimensions (Length, Width, Height)

Stock No.	Thord. No.	Size In.	Stock No.	Thord. No.	Size In.
W275	R107	2 1/2 x 2 1/2 x 1 1/2	W328	T6594	3 1/2 x 2 1/2 x 3 1/2
W276	T3399	2 1/2 x 2 1/2 x 2 1/2	W329	T6748	3 x 2 1/2 x 2 1/2
W278	T5701	2 1/2 x 2 1/2 x 2 1/2	W330	T7576	3 x 2 1/2 x 2 1/2
W326	T6754	3 1/2 x 2 1/2 x 3 1/2	W331	T6792	3 1/2 x 2 1/2 x 2 1/2
W273	T5872	3 1/2 x 2 1/2 x 3 1/2	W400	T8384	3 1/2 x 2 1/2 x 2 1/2
W327	T6751	3 x 2 1/2 x 2 1/2	W401	T8387	3 x 3 1/2 x 2 1/2

Average shipping weight 3 lbs. each.

Stock No.	Type	Mount No.	Fig.	Primary Matches	Sec. Imp. - Ohms	Your Cost
W275	R107	2C		Universal	1 to 29	\$1.32
W276	T3399	2B		P.P. 45, 71A, etc.	6-12	.94
W278	T5701	2E		Universal	1 to 29	1.18
W326	T6754	2F		19 or P.P. 49's in Class B	4, 8, 15, 500	2.35
W273	T5872	2R*		P.P. 2A3's, 48's Tetrodes	4, 8, 15, 500	2.35
W327	T6751	2F		P.P. 2A5, 47, 41, etc., in Class A; 79 in Class B	4, 8, 15, 500	2.06
W328	T6594	2F		P.P. 50 in Class A; 2A6, 42 Class AB; parallel 79 Class B	4, 8, 15, 500	2.35
W329	T6748	2F		P.P. 45, 71A Class A; 43 pentode or 53 Class B	4, 8, 15, 500	2.06
W330	T7576	2F		P.P. 2B6 or 6B5	4, 8, 15, 500	2.35
W331	T6792	2F		P.P. parallel 2A3	4, 8, 15, 500	2.35
W400	T8384	2G		P.P. 50 Class AB	4, 8, 15, 500	3.53
W401	T8387	2G		P.P. parallel 50 Class AB	4, 8, 15, 500	4.70

* Type 2R (not shown) fully shielded, mounting flanges, lug terminals on bottom.

Mike, Line and Mixer Transformers

Specially designed for Sound or Public Address requirements. Average shpg. wt. 3 1/2 lbs.

Stock No.	Type	Mount No.	Fig.	Description	Your Cost
W257	T3357	2A		Single Button (200 ohm) mike to grid	\$1.32
W402	T8378	2F		Single Button (200 ohm) mike to grid	1.18
W405	T8602	2B		Single Button (200 ohm) mike to grid	1.03
W375	T6573	2F		D.B. mike (200 ohms) to grid	1.91
W258	T3020	2A		D.B. mike (200 ohms) to grid	2.06
W378	T6372	2F		500, 100, 150, 200 ohms (1 to 4 circuit mixer) to grid	2.35
W379	T6194	2F		500 or 125 ohm line to P.P. grids in Class A	2.20
W380	T7083	2F		Crystal mike to 200 or 50 ohms line (or mixer)	2.35
W384	T5515	2F		Plate or mixer to 200 or 50 ohm line	1.62
W385	T6226	2F		Plate or mixer to 500 or 125 ohm line	1.62
W428	T8321	2F		Line to P.P. 46, 210, etc., grid in Class E	2.20
W299	T5381	2D		500 ohm line to 4, 8, 15 ohm voice coil	2.65
W506	T6048	2E		500, 1000, 1500, 2000, 2500 or 3000 ohm lines to voice coil 1 to 6 speakers may be connected in parallel to 300 ohm line	1.76

Driver Transformers

Stock No.	Type	Mount No.	Fig.	Input Tubes	Output Tubes	Class	Your Cost
W296	T5389	2A		1-46 or 59	2-46 or 59	B	\$2.20
W308	T6778	2F		1-46 or 59	2-46 or 59	B	2.06
				P.P. 76, 56, 6C5, 6C6	P.P. 42, 2A5, 6F6, or P.P. par. 2A3's	AB	2.20
W339	T7201	2F		P.P. 56	P.P. 45	AB	2.20
W316	T7846	2B		1-30	1-19, 2-30's	B	.97
W322	T5463	2F		1-30, 1-49	1-19, 2-49's	B	1.47
W325	T6747	2F		1-53 Cl. A	1-53	B	1.62
W340	T8142	2F		1-6F6	2-6F6 (pent or triode)	AE	2.20
W368	T8152	2F		P.P. 6C5	2-6F6 triode	AE	2.06

THORDARSON

Fully-Shielded Replacement Transformers (Type 2G Mtg.)

THORDARSON

2.5 Volt (7 to 11 Tubes)
T5602—700 volts ct. at 70 ma.; 2.5 volts ct. at 9 amps.; 2.5 volts ct. at 1.5 amps.; 5 volts at 2 amps. Size, 4 1/2 x 3 1/2 x 3 1/2", mtg., 3 x 3 x 3".
W261—Your Cost... **\$2.50**

2.5 Volt (8 to 12 Tubes)
T5604—700 volts ct. at 105 ma.; 2.5 volts ct. at 12 amps.; 5 volts at 2 amps. Size, 5 x 3 1/2 x 3 1/2".
W263—Fig. 2G
Your Cost... **\$3.09**

2.5 Volt (10 to 15 Tubes)
T5605—700 volts ct. at 110 ma.; 2.5 volts ct. at 9 amps.; 2.5 volts ct. at 3 amps.; 5 volts at 2 amps. Size, 5 x 3 1/2 x 3 1/2".
W264—Fig. 2G
Your Cost... **\$3.38**

6.3 Volt (4 or 5 Tubes)
T7078—680 volts ct. at 55 ma.; 6.3 volts ct. at 1.5 amps.; 5 volts at 2 amps. 3 1/2 x 3 1/2 x 3 1/2", Fig. 2G.
W514—
Your Cost... **\$1.76**

6.3 Volts (7 to 8 Tubes)
T7061—770 volts ct. at 70 ma.; 6.3 volts ct. at 2.5 amps.; 5 volts at 2 amps. 4 1/2 x 3 1/2 x 3 1/2", Fig. 2G.
W321—
Your Cost... **\$2.35**

6.3 and 2.5 Volts (11 Tubes)
T7550—870 volts ct. at 250 ma. (bias tap 80 v.); 6.3 volts ct. at 1.5 amps.; 2.5 volts ct. at 10 amps.; 2.5 volts at 8 amps.; 5 volts at 3 amps. 8 1/2 x 4 1/2 x 5", Fig. 2G
W516—Your Cost... **\$4.70**

Power Transformers for Class "B" Receivers
T6793—700 volts ct. at 200 ma.; 2.5 volts ct. at 15 amps.; 5 volts at 3 amps.; 5 volts ct. at 2 amps. 5 x 8 1/2 x 4 1/2", mtg., 3 1/2 x 3 1/2 x 3 1/2".
W425—Your Cost... **\$4.70**

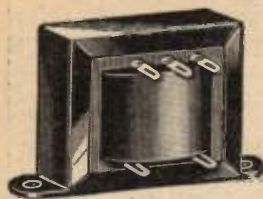
T6935—775 volts ct. a; 200 ma.; 6.3 volts ct. at 8 amps.; 5 volts at 3 amps. 5 x 8 1/2 x 4 1/2", mtg., 3 x 2 1/2 x 2 1/2".
W426—
Your Cost... **\$4.12**

THORDARSON Manuals for Servicemen and Hams
Contains three separate sections dealing with sound amplifiers, transmitters and service problems. Full of service hints, diagrams, etc. How to build service equipment. Numerous transmitter diagrams for sets from 20 to 1000 watts phone and c.w. Size, 8 1/2 x 11".
W19987—Loose-leaf type binding.
Your Cost per Copy... **29¢**

TRANSMITTER GUIDE—Just out and loaded with 1937 dope for the ham.
W20024—Your Cost... **9¢**

Replacement Part Headquarters for Dealers and Service Men

Trutest ALL PURPOSE Audio Components



Trutest Standard Replacement Audio Transformers and Chokes

This line of Trutest audio components is exceptionally complete. They are not to be confused with inferior types which are built to a price rather than a quality standard. All Trutest audio transformers are constructed using a high grade of silicon steel for core material. Coils are wound with unalloyed copper wire of the proper gauge for each particular application. Insulation is tested at 1250 volts a.c. Average size of units is 3 1/4 x 2 1/4 x 1 1/4"; mounting centers 2 1/4". Average shpg. wt. 3 lbs.

Output Transformers

- W1553**—Output, Single '45 or 6F6 metal Triode type tube to 5-15 ohm voice coil. **Your Cost. 65¢**
W1554—Output Push-pull '45s or 6F6 metal Triode type tubes to 5-15 ohm voice coil. **Your Cost. 69¢**
W1555—Output, Single Pentode '47 or 6F6 metal Pentode to a 5-15 ohm voice coil. **Your Cost. 65¢**
W1556—Output, P.P. Pentodes, 47's, 6F6 metal Pentodes to a 5-15 ohm voice coil. **Your Cost. 69¢**
W1564—Output, Push-pull, 49's Class B, to a 5-15 ohm voice coil. **Your Cost. 97¢**
W1566—Output, Push-pull 2A3's, to a 6-15 ohm voice coil of dynamic speaker. (2 1/2 x 3 x 2"). **Your Cost. \$1.89**

Audio Transformers

- W1550**—Audio, first or second stage of straight audio amplification. Ratio 3:1. **Your Cost. 75¢**
W1551—Push-pull Input, from single plate to 2 grids. Ratio 2:5:1. **Your Cost. 75¢**
W1552—Push-pull Inter-stage, between 2 plates and 2 grids. Ratio 1.75:1. **Your Cost. 75¢**
W1562—Push-pull Input, Split Secondaries (isolated), between 1 plate and 2 grids. Ratio 1.75:1. Has six leads. **Your Cost. \$1.08**
W5491—Push-pull Input, high impedance primary, to couple a screen grid or Pentode detector (24, 57, etc.) to p.p. 45's, 47's, 2A5's, etc. **Your Cost. \$1.45**

Microphone and Line

- W5448**—Single or double button mike to grid, 200 ohms each side of centertap. **Your Cost. 82¢**
W1574—Single plate like 56, 27, 6C5, etc., to 500, 200 or 50 ohm line.
W1575—Same as above, but p.p. plates.
W1576—50, 200 or 500 ohm line to grid. **Your Cost. Any Type. 90¢**
W5494—2, 4, 8 or 15 ohm dynamic speaker voice coil to 250 or 500 ohm line. **Your Cost. \$1.48**

Special Line Transformer

- A special transformer with coil wound on a 1 1/2" core of special high permeability iron. Frequency characteristics exceptionally fine.
W1565—500 to 250 ohm line to 1/2-3/4-1.5-2-2.5-4-6-8-10-15 ohm voice coil. **Your Cost. \$2.45**
Special.

Filter Chokes

Current rating given is maximum d.c.					
Stock No.	Induct. Henrys	Curr. MA.	D.C. Res.	Your Cost	
W1557	25	25	800	65¢	
W1558	11	60	300	65¢	
W1570	30	125	200	85¢	

Filament Transformers

Stock No.	Filament Volts	Filament Amperes	Your Cost Each
W2338	2.5 c.t.	5.25	79¢
W2443	(2.5 c.t. 5.25)	(5.25)	\$1.29
W2387	2.5 c.t.	10.5	95¢
W2441	5.0 c.t.	4.0	95¢
W5495	6.3 c.t.	3.0	89¢
W5496	7.5 c.t.	3.5	1.10

Trutest Small Transformers and Chokes



An extremely compact, yet highly efficient series of transformers and chokes particularly suited for use in auto radio receivers and a.c.-d.c. compact radios. They can, however, be used in any type of receiver or amplifier. Unshielded strap mounting type with rust resisting frame. Dimensions 1 1/4 x 1 1/4". Mounting centers 2 1/4" apart.

Audio Transformers

- W1619**—Interstage audio, ratio 3 1/4:1.
W1620—Push-pull Input, ratio 1 1/4:1.
W1607—Single Output: 45, 48, 71A, 43, etc. to 5-15 ohm voice coil.
W1609—Single Output: 47, 59, 33, 2A5, 89, 31, 27, 42, 18, etc., to 5-15 ohm voice coil.
W1614—Push-pull Output: 45, 48, 71A, 43, etc., to 5-15 ohm voice coil.
W1615—Push-pull Output: 47, 59, 33, 2A5, 89, 31, 20, 42, 18, etc., to 5-15 ohm voice coil. **Your Cost. Any Type. 49¢**

Transceiver Audios

- W1627**—Single plate and carbon mike (200 ohms) to a single grid. **Your Cost. 95¢**
W1628—Driver transformer, single 30 to Class B 49, 19, 79, 6A6 grids. **Your Cost. 95¢**
W1629—Class B output, 49, 79, 19, 6A6 to secondary load 5000 or 3600 ohms. **Your Cost. 95¢**

Filter Chokes

- W1601**—10 henrys, d.c. resistance 200 ohms. Maximum d.c. 60 milliamperes.
W1602—11 henrys, d.c. resistance 250 ohms. Maximum d.c. 65 milliamperes.
W1603—13 henrys, d.c. resistance 350 ohms. Maximum d.c. 60 milliamperes. **Your Cost. 29¢**
Any Above Type.
W1604—20 henrys, d.c. resistance 500 ohms. Maximum d.c. 35 milliamperes. **Your Cost. 35¢**

Trutest Tube Tester Filament Transformer



Supplies voltages for all types of tubes, including battery and auto types. Very compact in size. Has color coded flexible leads. Primary tapped at 105, 115 and 125 volts, 50-60 cycles a.c. Secondary is a single winding with following taps: 1 1/2, 2, 2 1/2, 3.3, 5, 6.3, 7 1/2, 15, 25 and 30 volts. Diagram furnished. Shpg. wt. 3 lbs. **W1967—Your Cost. \$1.38**

UTC Type "913" Transformer



Designed for use with the new type 913 cathode ray tube. Built of finest material and housed in a metal case having threaded inserts for mounting. Primary for 115 volts, 60 cycles a.c. Secondaries: Up to 450 volts a.c.; 6.3 volts at 1.2 amps; 2 1/2 volts at 1.5 amps; 5 volts at 3 amps. Shpg. wt. 7 lbs. **W5338—Your Cost. \$2.40**

THORDARSON T-9233 "913" Transformer



Primary for 115 volts, 60 cycles. Secondaries: 400 volts d.c. at 15 ma.; 500 volts d.c. at 3 ma.; 6.3 volts at 9 amps; 6.3 volts at 6 amps; 6.3 volts at .6 amps; 2.5 volts at 1.4 amps. 3 1/4 x 3 1/4 x 4 1/4". Wt. 7 lbs. **W579—Your Cost. \$2.35**
T-9225—Same Primary as above. Secondaries: 500 volts d.c. tapped at 430 volts at 3 ma.; 6.3 volts at .9 amps. 2 x 2 1/4 x 1 1/4". **W580—Your Cost. \$1.32**

Trutest Universal Output Transformer



Matches single or p.p. triodes or pentodes in class A or B to any voice coil from 1 to 30 ohms impedance. 1 3/4 x 1 1/4 x 3 1/4"; centers 3/4" to 2 1/4". Shpg. wt. 3 lbs. **W1708—Your Cost. 75¢**
UNIVERSAL AUDIO
 Same size as the above.
W1709—1-plate to 1 grid. 8:1
W1710—1-plate to p.p. grids. 2:1
Your Cost. 75¢
Either Type.

CHROMSHIELD AUDIO COMPONENTS

A high quality line featuring: gleaming chrome plated welded cases; vacuum treated and humidity proof; units fully clamped internally; trim professional appearance; scientifically correct design. Only popular units listed; others available on order. Send for FREE descriptive literature.

C-2 mtg.: 3 1/4" long, 1 1/4" wide, 2 1/4" high. **C-3 mtg.**: 3 1/4" long, 2" wide, 2 1/4" high. **C-4 mtg.**: 4 1/2" long, 2 1/4" wide, 2 1/4" high.

Class "A" Inputs

- W5365**—1 plate to 1 grid. 3:1 ratio C-2 mtg. **Your Cost. \$1.40**
W5366—1 plate to 2 grids. Split secondaries. 2:1 ratio. C-2 mtg. List \$2.50 **Your Cost. \$1.50**
W5367—P.P. plates to p.p. grids. 1.8:1 ratio. C-3 mtg. **Your Cost. \$1.65**
W5368—Single or double button mike to grid. C-2 mtg. **Your Cost. \$1.50**

- W5369**—Single or double button mike to 2 grids. C-2. **Your Cost. \$1.80**
W5370—Single plate and carbon mike to one or two grids. C-2 mounting. List \$3.50 **Your Cost. \$2.10**
W5371—Single power detector plate to single grid. 3:1 ratio. C-4 mtg. **Your Cost. \$2.10**
W5372—Single power detector plate to p.p. grids. 1 1/2:1 ratio. C-4 mtg. List \$3.75 **Your Cost. \$2.25**

Output To Voice Coil

- W5373**—Single 250, 45, 59, 6F6 Triode to 15, 8, 4, or 2 ohm voice coil. C-3 mtg. **Your Cost. \$1.50**
W5374—Same as above, for p.p. tubes. C-4 mtg. **Your Cost. \$1.80**
W5375—Single 18, 20, 33, 41, 42, 47, 2A5, 59, 6F6 pentode and 89 or 6D5 triode to 15, 8, 4, or 2 ohm voice coil. C-3 mtg. List \$2.50 **Your Cost. \$1.50**

- W5376**—Same as W5375, but for p.p. tubes. C-4 mounting. **Your Cost. \$1.80**
W5377—P.P. 2A3 or 6D5 plates to 15, 8, 4 or 2 ohm voice coil. C-4 mtg. List \$3.00 **Your Cost. \$1.80**
W5378—P.P. 6B5, 6A6, 53, 49, 79, 89 plates or 6F6 metal pentode or triodes self-bias, to 15, 8, 4 or 2 ohm voice coil. C-4 mtg. List \$3.25 **Your Cost. \$1.95**

New JAMAICA, L.I. Branch • 90-08 166 St (Merrick Rd.)

AEROVOX-Dependable Quality-CONDENSERS

MIDGET MICAS

Type
1460



Molded Bakelite; ruby mica dielectric. 450 volts, d.c. working. Case size, $\frac{5}{8}$ " wide, $1\frac{1}{4}$ " long. Case mounting centers, $1\frac{1}{4}$ "; lug mounting centers, $1\frac{1}{4}$ ".

Stock No.	Cap. Mfd.	List Price	Your Cost
W4591	.00005	\$0.15	9 ^c
W4592	.0001	.15	12 ^c
W4593	.00015	.20	
W4594	.0002	.20	
W4595	.00025	.20	
W4596	.0005	.20	12 ^c
W4597	.001	.25	15 ^c
W4598	.002	.30	18 ^c
W4599	.0025	.35	21 ^c
W4600	.003	.35	21 ^c

Type 1450



Mica dielectric. $1\frac{1}{4}$ " square. 500 volts d.c., working. Tinned lugs.

Stock No.	Cap. Mfd.	List Price	Your Cost
W4601	.00005	\$0.25	15 ^c
W4602	.0001	.25	
W4603	.0002	.25	
W4604	.00025	.25	
W4605	.0005	.25	
W4606	.001	.30	18 ^c
W4607	.0015	.30	18 ^c
W4608	.002	.35	21 ^c
W4609	.003	.40	24 ^c
W4610	.004	.45	26 ^c
W4611	.005	.45	26 ^c
W4612	.006	.55	32 ^c
W4613	.01	.70	41 ^c
W4614	.02	.95	55 ^c

Type 1467

Bakelite case, mica dielectric. With long, tinned wire leads. Case size $\frac{3}{4}$ " square. 250 v. d.c. working.



Stock No.	Cap. Mfd.	List Price	Your Cost
W4615	.00004	\$0.15	9 ^c
W4616	.00005	.15	
W4617	.00007	.15	
W4618	.000075	.15	
W4619	.0001	.15	
W4620	.00015	.20	12 ^c
W4621	.0002	.20	
W4622	.00025	.20	
W4623	.0005	.20	
W4624	.001	.25	15 ^c
W4625	.002	.30	21 ^c
W4626	.003	.40	24 ^c
W4627	.004	.45	26 ^c
W4628	.005	.55	32 ^c
W4629	.006	.60	35 ^c

Universal Mounting Condensers



Furnished with mounting rings for universal mounting. Hermetic sealing maintains original operating characteristics. Multiple units contain separate sections with common negative grounded to can.

Type E-5—

Multiple Section Units

Stock No.	Cap. Mfd.	Size—In. Dia.—H.	Your Cost
W4630	8-8	$2\frac{1}{2} \times 1\frac{1}{2}$	\$1.06
W4631	8-8-8	3×1	1.59
W4632	9-9-18	$3 \times \frac{1}{2}$	2.20

SPACE-SAVER MIDGET ELECTROLYTICS

Almost half the size of the average electrolytic unit.

Type PBS 5—525 V. Surge—450 V. D.C. Working—Singles

Stock No.	Cap. Mfd.	Size—Inches D. W. L.	List Price	Your Cost
W4633	2	$\frac{1}{2} \times \frac{1}{2} \times 2\frac{1}{2}$	\$0.65	38 ^c
W4634	4	$\frac{1}{2} \times 1 \times 2\frac{1}{2}$	.75	44 ^c
W4635	8	$1\frac{1}{2} \times 1\frac{1}{2} \times 2\frac{1}{2}$	.95	56 ^c
W4636	10	$1\frac{1}{2} \times 1\frac{1}{2} \times 3\frac{1}{2}$	1.25	73 ^c
W4637	12	$1\frac{1}{2} \times 1\frac{1}{2} \times 3\frac{1}{2}$	1.40	82 ^c
W4638	16	$1\frac{1}{2} \times 1\frac{1}{2} \times 2\frac{1}{2}$	1.55	85 ^c

Type PBS 2—250 Volts Surge
200 V. D.C. Working Singles

Stock No.	Cap. Mfd.	Size—In. D. W. L.	Your Cost
W4638	2	$\frac{1}{2} \times \frac{1}{2} \times 2\frac{1}{2}$	\$0.32
W4639	4	$\frac{1}{2} \times \frac{1}{2} \times 2\frac{1}{2}$	.38
W4640	8	$\frac{1}{2} \times 1 \times 2\frac{1}{2}$	.47
W4641	10	$\frac{1}{2} \times 1 \times 2\frac{1}{2}$	.53
W4642	12	$\frac{1}{2} \times 1 \times 2\frac{1}{2}$	.55
W4643	16	$\frac{1}{2} \times 1 \times 2\frac{1}{2}$	.61

Type PBS 5—525 Volts Surge
450 V. D.C. Working—Doubles

Stock No.	Cap. Mfd.	Size—In. D. W. L.	Your Cost
W4644	4-4	$1\frac{1}{2} \times 1\frac{1}{2} \times 2\frac{1}{2}$	.70
W4645	8-8	$1\frac{1}{2} \times 1\frac{1}{2} \times 2\frac{1}{2}$	.88

Inverted Electrolytics

These inverted mounting, aluminum can condensers are provided with a lock-washer, nut and $\frac{3}{4}$ " screw bushing. Available in single and double section units with separate terminal leads. Double section units are provided with four leads—two negative and two positive. Thus, the sections are entirely separated.

Type GL-5
Single Section Units
With Two Wire Leads
525 V. Surge—450 V. D.C. Work

Stock No.	Cap. Mfd.	Size—In. Dia. H.	Your Cost
W4651	4	$1\frac{1}{2} \times 3\frac{1}{2}$	50 ^c
W4652	8	$1\frac{1}{2} \times 4\frac{1}{2}$	61 ^c
W4653	12	$1\frac{1}{2} \times 4\frac{1}{2}$	82 ^c
W4654	16	$1\frac{1}{2} \times 5\frac{1}{2}$	91 ^c

Double Section Units
Separate Sections: Four Leads
525 V. Surge—450 V. D.C. Work

Stock No.	Cap. Mfd.	Size—In. Dia. H.	Your Cost
W4655	4-4	$1\frac{1}{2} \times 4\frac{1}{2}$	76 ^c
W4656	8-8	$1\frac{1}{2} \times 4\frac{1}{2}$	94 ^c

Triple Section Units
Separate Sections: Six Leads
525 V. Surge—450 V. D.V. Work

Stock No.	Cap. Mfd.	Size—In. Dia. H.	Your Cost
W4657	4-4-4	$1\frac{1}{2} \times 4\frac{1}{2}$	\$1.18
W4658	8-8-8	$1\frac{1}{2} \times 4\frac{1}{2}$	1.35

Insulated Mounted Units
Type I-5
525 V. Surge; 450 V. D.C.
Separate Terminal for Ground.

Stock No.	Cap. Mfd.	Size—In. Dia. H.	Your Cost
W4659	4	$1\frac{1}{2} \times 2\frac{1}{2}$	\$0.50
W4660	8	$1\frac{1}{2} \times 4\frac{1}{2}$	.61
W4661	12	$1\frac{1}{2} \times 4\frac{1}{2}$	.82
W4662	16	$1\frac{1}{2} \times 5\frac{1}{2}$	.91

CARDBOARD TUBULAR ELECTROLYTICS



Mounted in cardboard containers, completely sealed and provided with wire leads securely riveted to the condenser tabs. Extensively employed by manufacturers and servicemen in by-pass circuits of standard sets. Light and compact.

Type PR5—450 V. D.C. Working

Stock No.	Cap. Mfd.	Size—In. Dia.—Long	Your Cost
W4676	2	$\frac{1}{2} \times 2\frac{1}{2}$	\$0.38
W4677	4	$\frac{1}{2} \times 2\frac{1}{2}$	.44
W4678	8	$\frac{1}{2} \times 2\frac{1}{2}$	.56

Type PR2—200 V. D.C. Working

Stock No.	Cap. Mfd.	Size—In. Dia.—Long	Your Cost
W4679	2	$\frac{1}{2} \times 2\frac{1}{2}$	.32
W4680	4	$\frac{1}{2} \times 2\frac{1}{2}$	.38
W4681	6	$\frac{1}{2} \times 2\frac{1}{2}$	.44
W4682	8	$\frac{1}{2} \times 2\frac{1}{2}$	.47
W4683	10	$\frac{1}{2} \times 2\frac{1}{2}$	.53

Type PR100—100V. D.C. Working

Stock No.	Cap. Mfd.	Size—In. Dia.—Long	Your Cost
W4684	5	$\frac{1}{2} \times 2\frac{1}{2}$	.32
W4685	10	$\frac{1}{2} \times 2\frac{1}{2}$	.41
W4686	20	$\frac{1}{2} \times 2\frac{1}{2}$	.53
W4688	25	$\frac{1}{2} \times 2\frac{1}{2}$	.56

Inverted Midgets

An ultra-compact metal can electrolytic for general replacement. With threaded hard rubber stem for inverted mounting and two flexible leads. Can is insulated from section. Will withstand high surges.

Type GLS-5—450 V. D.C. Work

Stock No.	Cap. Mfd.	Size—In. Dia.—H.	Your Cost
W4663	4	$1 \times 2\frac{1}{2}$	50 ^c
W4664	8	$1 \times 2\frac{1}{2}$	61 ^c
W4665	12	$1 \times 3\frac{1}{2}$	84 ^c
W4666	16	$1 \times 4\frac{1}{2}$	91 ^c

Type GLS250—250 V. D.C. Work

Stock No.	Cap. Mfd.	Size—In. Dia.—H.	Your Cost
W4667	4	$1 \times 2\frac{1}{2}$	44 ^c
W4668	8	$1 \times 2\frac{1}{2}$	56 ^c
W4669	12	$1 \times 2\frac{1}{2}$	66 ^c
W4670	16	$1 \times 3\frac{1}{2}$	81 ^c

Cardboard Container Dry Electrolytics

Same specs. as metal can units. Flanges.

Type P5—Single Section Units
525 V. Surge—450 V. D.C. Work

Stock No.	Cap. Mfd.	Size—In. Dia.—H.	Your Cost
W4671	4	$\frac{1}{2} \times 1\frac{1}{2} \times 4\frac{1}{2}$	44 ^c
W4672	8	$\frac{1}{2} \times 1\frac{1}{2} \times 4\frac{1}{2}$	56 ^c
W4673	16	$\frac{1}{2} \times 1\frac{1}{2} \times 4\frac{1}{2}$	91 ^c

Type PBMS
Double Section Units
525 V. Surge—450 V. D.C. Work

Stock No.	Cap. Mfd.	Size—In. Dia.—H.	Your Cost
W4674	4-4	$1\frac{1}{2} \times 1\frac{1}{2} \times 4\frac{1}{2}$	70 ^c
W4675	8-8	$1\frac{1}{2} \times 1\frac{1}{2} \times 4\frac{1}{2}$	88 ^c

PAPER-WOUND TUBULAR UNITS

Non-inductively wound, sealed in wax-impregnated paper tubes.



200-Volt 400-Volt

Stock No.	Your Cost	Cap. Mfd.	Stock No.	Your Cost
W4704	.001		W4725	
W4705	.002		W4726	
W4706	.003		W4727	
W4707	.005		W4728	9 ^c
W4708	.006		W4729	
W4709	.008		W4730	
W4710	.01		W4731	

Stock No.	Your Cost	Cap. Mfd.	Stock No.	Your Cost
W4711	.015		W4732	
W4712	.02		W4733	9 ^c
W4713	.03		W4734	
W4714	.05		W4735	
W4715	.06		W4736	12 ^c
W4716	.1		W4737	12 ^c
W4717	.15		W4738	15 ^c

Stock No.	Your Cost	Cap. Mfd.	Stock No.	Your Cost
W4718	.25		W4739	15 ^c
W4719	.3		W4740	18 ^c
W4720	.5		W4741	21 ^c
W4721	1.0		W4742	30 ^c
W4722	.01-.01		W4743	20 ^c
W4723	.05-.05		W4744	24 ^c
W4724	.1-1		W4745	27 ^c

600-Volt 1000-Volt

Stock No.	Your Cost	Cap. Mfd.	Stock No.	Your Cost
W4746	.001		W4766	
W4747	.002		W4767	
W4748	.003		W4768	
W4749	.005		W4769	12 ^c
W4750	.006		W4770	
W4751	.008		W4771	
W4752	.01		W4772	
W4753	.015		W4773	
W4754	.02		W4774	14 ^c
W4755	.03		W4775	16 ^c
W4756	.05		W4776	21 ^c
W4757	.06		W4777	22 ^c
W4758	.1		W4778	24 ^c
W4759	.15			
W4760	.25			

1000-Volt Units Are Not Made In These Values

VIBRATOR TUBULARS

Paper type. Rated at 1600 volts.

Stock No.	Cap. Mfd.	Size—In. Dia.—L.	Your Cost
W4779	.01	$\frac{1}{2} \times 1\frac{1}{2}$	18 ^c
W4780	.02	$\frac{1}{2} \times 2$	24 ^c
W4781	.03	$\frac{1}{2} \times 2$	29 ^c
W4782	.04	$\frac{1}{2} \times 2$	32 ^c
W4783	.05	$\frac{1}{2} \times 2$	32 ^c

Hi-Farad Wets

Type WG-5—450 V. Work

Stock No.	Cap. Mfd.	Your Cost
W4784	4	47 ^c
W4785	8	56 ^c
W4786	12	68 ^c

Type WG-5—350 V. Work

Stock No.	Cap. Mfd.	Your Cost
W4787	8	.53
W4788	16	.70
W4789	20	.79
W4790	40	1.18

Interference Filters

Type IN-25
Plugs into outlet and is grounded by screw on plate. For 110 v., a.c. or d.c. Bakelite receptacle.



W4791
Your Cost Each..... \$1.03

Type IN-24
For receiver or noisy appliance. Has 2 chokes and 2 condensers. For 110/220 v., a.c. or d.c.
W4792—

Your Cost..... \$2.79

Write for FREE Complete AEROVOX Catalog

Truest ELECTROLYTIC Condensers

Dry Electrolytic Filter and By-Pass Condensers



500 v. surge
450 v. work-
ing. Heavy
cardboard
containers.

All with tinned lugs, W3318 has colored leads.

Stock No.	Cap. Mfd.	Size Inches	Your Cost
W3351	2	2 1/2 x 5/8 x 1 1/2	24c
W3346	4	4 1/4 x 1 x 1 1/2	30c
W3347	6	4 1/4 x 1 x 1 1/2	34c
W3348	8	4 1/4 x 1 x 1 1/2	38c
W3349	10	4 1/4 x 1 x 1 1/2	44c
W3350	12	4 1/4 x 1 x 1 1/2	48c

Multiple Units

All 4 1/2" high. Lug terminals.

Stock No.	Cap. Mfd.	Size Inches	Your Cost
W3337	4-4	1 1/2 x 1 1/2	48c
W3339	4-8	1 1/2 x 1 1/2	56c
W3342	8-8	1 1/2 x 1 1/2	60c
W3366	8-8-8	1 1/2 x 2	89c

Dry Electrolytic Can-Type Multiple Sections



All are rated at 450 volts, d.c. working, 500 volts surge. 4" high aluminum can. Terminals are of the screw and nut type. Each section is a separate electrolytic of the genuine self-healing type. Can is negative.

Stock No.	Cap. Mfd.	Diam. Inches	Your Cost
W3316	8-8	2 1/2	\$0.70
W3317	5-15	2 1/2	.88
W3318	8-8-8	3	1.04
W3320	9-9-18	3	1.50
W3319	8-8-8-8	3 1/2	1.44
W3321	8-8-18-18	3 1/2	2.18

Paper By-Pass Units Tubular Type TP



Non-inductive, oil treated. Impregnated. All have metal ends.

Stock No.	Cap. Mfd.	Wkg. Volts	Your Cost
W3891	.05	200	9c
W3892	.1	200	
W3893	.25	200	.15
W3894	.5	200	.21
W3895	1.0	200	.29
W3896	.01	400	9c
W3897	.02	400	
W3898	.05	400	.12
W3899	.1	400	.15
W3900	.25	400	.21
W3901	.5	400	
W3902	.0001	600	9c
W3903	.00025	600	
W3904	.0005	600	.12c
W3905	.001	600	
W3906	.002	600	.15
W3907	.005	600	.21
W3908	.006	600	
W3909	.01	600	9c
W3910	.02	600	
W3911	.05	600	.12c
W3912	.06	600	
W3913	.1	600	.15
W3914	.25	600	.21
W3915	.5	600	.29

Refer to page 86 for listing of the new Mallory-Yaxley Encyclopedia. Servicemen need it.

Wet Electrolytics



All in tubular metal containers—can is negative. Dimensions, under 500 volts, 3 1/2 x 1 1/2"; 500 volts, 4 1/2 x 1 1/2"; 600 volts, 4 1/2 x 1 1/2". Excellent power factor and long life. Self-healing, able to withstand voltage overloads.

Stock No.	Cap. Mfd.	Surge Volts	Your Cost
W491	4	500	36c
W492	8	500	40c
W493	10	500	44c
W494	12	500	48c
W495	8	600	65c

Inverted Dry Electrolytics



For inverted, hole-in-chassis mounting. Standard size, round aluminum can fits hole for 1/2" stud. Can is insulated from condenser sections. Rated at 450 volts, d.c. working and 500 volts surge. Long insulated leads.

Stock No.	Cap. Mfd.	Diam. In.	Ht. In.	Your Cost
W3323	4	1 1/2	4 1/2	36c
W3324	8	1 1/2	4 1/2	42c
W3398	8-8	1 1/2	4 1/2	72c

Special Compact Filters

For A.C.-D.C. Receivers 225 Volts D.C. Peak



Rated 200 working volts d.c. In cardboard containers 2 1/4" long.

Stock No.	Cap. Mfd.	Size	Your Cost
W3210	4	5/8 x 2 1/4"	\$0.26
W3212	8	5/8 x 2 1/4"	.30
W3213	10	5/8 x 2 1/4"	.32
W3214	12	1 x 2 1/4"	.36
W3215	16	1 1/4 x 2 1/4"	.40
W3216	20	1 1/2 x 2 1/4"	.44
W3217	25	1 3/4 x 2 1/4"	.48

Small Dry Electrolytics

525 Volt Surge



Wax impregnated containers. 450 volt working. 1 1/2" wide.

Stock No.	Cap. Mfd.	T.	Size L.	Your Cost
W3223	1	2 1/2"	2 1/2"	25c
W3219	2	2 1/2"	2 1/2"	26c
W3220	4	2 1/2"	2 1/2"	30c
W3221	6	2 1/2"	2 1/2"	32c
W3222	8	1 1/2"	2 1/2"	36c
W3218	8-8	1 1/2"	2 1/2"	70c

Special "600" V. Surge Dry Electrolytics

600 volts peak, d.c. 475 volts d.c. working. Boxes 1 1/2 x 2 1/2".

Stock No.	Cap. Mfd.	Inches Thick	Your Cost
W3205	1	3/4	\$0.42
W3206	2	3/4	.47
W3207	4	1 1/8	.57
W3208	6	1 1/8	.65
W3209	8	1 1/8	.67

MALLORY UNIVERSAL REPLACEMENT CONDENSERS

69 UNITS SERVICE OVER 4000 DIFFERENT RADIO RECEIVERS

Electrolytic Filters in Cardboard Cartons



All feature universal mounting flanges. Impregnated cartons.

Type CS—Single Section Units

Stock No.	Cap. Mfd.	Wkg. Volts	Your Cost
W3855	4	250	\$0.37
W3856	8	250	.47
W3857	10	250	.56
W3858	12	250	.59
W3860	16	250	.65
W3861	2	450	.37
W3862	4	450	.44
W3863	6	450	.53
W3864	8	450	.56
W3865	10	450	.67
W3866	12	450	.76

With Leads

Type CN—Common Negative

Stock No.	Cap. Mfd.	Wkg. Volts	Your Cost
W3874	4-4	250	\$0.53
W3875	4-8	250	.67
W3876	8-8	250	.76
W3878	8-8-8	250	1.15
W3879	4-4	450	.70
W3880	4-8	450	.79
W3881	8-8	450	.88
W3882	8-8-8	450	1.29

Type CM—Separate Sections

Stock No.	Cap. Mfd.	Wkg. Volts	Your Cost
W3883	4-4	250	.53
W3884	4-8	250	.67
W3885	8-8	250	.76
W3886	8-8-8	250	1.15
W3887	4-4	450	.70
W3888	4-8	450	.79
W3889	8-8	450	.88
W3890	8-8-8	450	1.29

NOTE:

Only some of the more popular condensers are listed on this page. We maintain a complete stock of all Truest and Mallory condensers at all times. If you cannot find what you require, write us and we will quote lowest wholesale prices. We also carry the complete line of Aerovox, Sprague and Solar condensers. Complete descriptive literature sent FREE on request.

Round Can Electrolytic Filters



Universal mounting type; paint and flat washer included. With 8" insulated leads. For replacements and new circuits.

Type RS—Single Section Units

Stock No.	Cap. Mfd.	Wkg. Volts	Your Cost
W3916	4	250	\$0.44
W3917	8	250	.56
W3918	12	250	.65
W3919	4	450	.50
W3920	8	450	.62
W3921	12	450	.82

Type RN—Common Negative

Stock No.	Cap. Mfd.	Wkg. Volts	Your Cost
W3922	4-8	250	.76
W3923	8-8	250	.85
W3924	8-8-8	250	1.23
W3925	4-8	450	.85
W3926	8-8	450	.94
W3927	8-8-8	450	1.35

Type RM—Separate Sections

Stock No.	Cap. Mfd.	Wkg. Volts	Your Cost
W3928	4-8	250	.76
W3929	8-8	250	.85
W3930	8-8-8	250	1.23
W3931	8-8-16	250	1.38
W3932	8-16-16	250	1.53
W3933	4-8	450	.85
W3934	8-8	450	.94
W3935	8-8-8	450	1.35

Exact Duplicate a.c.-d.c. ELECTROLYTICS

Stock No.	Mfr's No.	Cap. Mfd.	Wkg. Volts	Your Cost
ATWATER-KENT				
W4538	26158	8-14-8	150	\$0.95
W4539	22472	7	200	.40
W4540	24602	8-8-8	150	.81
W4541	24955	8-8-8	150	.81
W4542	27692	4-8-10	450-450-25	1.12
BELMONT (FRESHMAN)				
W3018	C-525C	5-25	100	.54
W3006	C-525-B	5-25-5	100	.78
W4543	119-11	4-3-4	300-250-25	.86
BOSCH				
W3016	105237	4-8-20	450-450-50	1.13
W4544	150722	4-12-8-4	150-25	1.13
W4545	105309	16-4-15	150-10	1.21
COLONIAL				
W4546	R8780-C	8-4	350-150	.65
W4547	8367	8-20	150-20	.70
W4548	8449	8-8-35	150-20	1.13
W4549	R11909	4-12	350-25	.59
W4550	R10673	6-6-25	150-25	.81
CROSLEY				
W2804	W27488	6-8	300-25	.42
W2805	W27488A	6-8	450-25	.51
W502	30124	16-15-8	100-125	.95
W503	29012	12-2-5	40-80 a.c.	.67
W504	29150	7-6-8	450-400-25	.88
W505	30059	8-8-8	450-250-450	1.10
W3023	26896A	12-6	300-25	.70
W3024	29264A	16-16-8	125-100-20	.98
W3025	29804A	16-16-8	150	1.22
W3027	30419	8-8	25-250	.65
W2975	28068	12	200	.47
W4551	30962	8-25	150	.78
W2976	25867B	8-8	200-25	.45
W2977	26119	8-4	150-300	.55
W3824	27677	8-8	25	.40
W3825	28468	8-12	350-475	1.21
W3826	29097B	8-8-8	450-450-250	1.05
W3828	29808	12	250	.56
DETROLA				
W3039	Aberne	4-17-8	135	.94
W3040		8-8-8-4	100	.75
EMERSON				
W2956	KC68	4-8-16	175	.88
W3830	HC31	4-4	200	.44
W4552	TC89	4-12-16	150	1.03
W4553	TTC169	6-8-12	450-25	1.13
W4554	GGC137	8-16-5-5	175-35	1.00
W4555	UUC179	12-8-5-5	150-25	1.15
ERLA (SENTINEL)				
W4556	8-16-8	150	1.05	
W4557	9982	8-8-20	100-150	.97
W4558	9442	4-10-7-7	150	.97
FADA				
W3043	1362MS	8-16	200	.94
W4559	1450MS	8-8-16	250-150-250	1.29

We offer the most comprehensive line of exact duplicate a.c.-d.c. electrolytic condenser blocks for popular receivers. All units listed conform physically and electrically with the original manufacturers' specifications. If the part you desire is not shown, we can supply a replacement at the lowest net price—send sample or give manufacturer's name, part number, capacities and working voltage and any other pertinent information.

Stock No.	Mfr's No.	Cap. Mfd.	Wkg. Volts	Your Cost
GALVIN (MOTOROLA)				
W4560	1388	8-8-25	350-25	\$1.18
W4561		2-7-6-9-1	250-200-10	.81
W4562	8426	4-8-5	350-200	1.00
W4563	1540	3-5-6	200-25	.79
W4564	1668	6-4-6	200-12	.82
GENERAL ELECTRIC (See RCA-Victor)				
GENERAL HOUSEHOLD UTILITIES				
W3041	27151	10-4-25-4	100-25	1.08
W4565	30091-1	8-8-8	450-475-25	1.57
W4566	30326	8-8-12	350-250	1.08
W4582	26508	8-8-4-4	300-25	1.01
GRIGSBY-GRUNOW (MAJESTIC)				
W2817	7402	10	6	.27
W2819	8118	20	30	.30
W2821	7824	8-16	300	.81
W2823	8765	4-8	450	.55
W2825	9661	8-10-16	140-15-140	.79
W2827	9979	8-8	350	.69
W2831	10369	8-8	450	.81
W2835	11200	4-2	450	.65
W2850	11640	4-6-10	300-350-25	.95
W3835	7988	7	150	.40
W3836	10827	10-8-8	25-350	.90
W4568	10536	4-6-10	300-350-25	.83
W4569	6277	8-4-4	450	.98
INTERNATIONAL (KADETTE)				
W2978	A424	4-10-10	150	.89
W2979	A426	2-7	100	.47
W2980	A427	3-1-3-1-3-1	100-25	.59
W4570	A412	8-30	150	.76
W4571	A425	10-10-4	150	.97
W4572		4-12-7	150	.97
RCA-VICTOR				
W2863	66143-3	4-4	450-150	.57
W2864	66122-2	4-4	250	.51
W2865	66140-4	1-3-6	250-100	.39
W2867	66143-2	10-4	350-150	.63
W2885	66174	4-4-4-4	140-220-140-20	1.35
		15-4-4	20-140-180	
W2887	66185-1	8-8-5-5	40-230-380	1.08

Stock No.	Mfr's No.	Cap. Mfd.	Wkg. Volts	Your Cost
RCA VICTOR—Continued				
W2889	66189-2	8-4-4-4	350-150-280-25	\$0.93
W2893	66185-2	8-8-5-5	450-50	1.08
W2894	66197-11	4	150	.30
W2899	68531-2	4-10-8	450-50-200	1.30
W2900	68527-2	10-10-4	25-25-200	.70
W2929	66160-2	8-4-10	150-100-25	.73
W2930	66155-1	4-4-10-10	300-300-150-25	.98
W2934	66197-2	5	50	.40
W3838	66160	8-8	250-175	.67
W3840	66189-1	8-4-4	350-150-300	.81
W3839	6535	4-4	150-300	.49
R. K. RADIO LABS.				
W2718	Radio Keg	12-8-5	150-25	.92
W4573		16-16-8	150-400	.92
SPARTON				
W2935	9550	5-25-5	150	.98
W4574	10001	6-10-4	250-200	1.03
W4575	10118	6-2	500	.84
W4576	11093-1	5-25-5	175	1.05
W4577	9308	20	25	.32
W4578	10318	2	150	.27
STEWART WARNER				
W3842	83111	8-8-5-5	250-25	.96
W4579	81959	4-13-7	150	.81
W4580	85565	40	100	.81
W4581	83962	10-5	25-350	.44
U. S. RADIO & TEL. (APEX)				
W3843	6201	4-4-12	150	.83
W4582	6508A	8-8-4-4	300-25	1.01
W4583	2719	8	300	.53
UNITED MOTORS				
W4582	26508B	8-8-4-4	300-25	1.01
W3843	6201	4-4-12	150	.83
W4584	4038	10-10	300	.84
W4551	4052	8-25	150	.78
WELLS GARDNER (MONT'Y. WARD)				
W2905	80939	8-16	300	.90
W2907	81021	12-12	25	.35
W2939	80984B	16-6-6	475-150-350-100	1.75
W3844	80944E	4-12-16	150	.90
WILCOX GAY				
W4585	1085	4-6-5	150	.89
W4586	1085	4-12-4	150	1.03
WURLITZER (LYRIC)				
W4587	Y3764	12-16-10	150-25	1.09
W4588	37-3715	8-8-10	450-25	1.18
W4589	37-3773	4-8-10	250-25	.97
W4590	20130	2-8	450-200	.59
ZENITH				
W3010	22-236	8-8-10	300-25	1.03
W3006	525-P	5-25-5	100	.78

SPRAGUE Paper Tubular Units



600 Volts W.V.

Non-inductively wound.

No.	Cap.	No.	Cap.
W2627	.0001	W2633	.003
W2628	.00025	W2634	.004
W2629	.0004	W2635	.005
W2630	.0005	W2636	.006
W2631	.001	W2637	.01
W2632	.002		
Your Cost Each			
W2638-.02	18c	W2640-.06	21c
W2639-.05		W2641-.1	
W2642-.25 mfd			27c
W2643-.5 mfd			36c
W2681-1.0 mfd			59c

New SPRAGUE "450" "Pinhead" Tiny Mikes



Only 2 1/2" long

Sprague's answer to the demand for extremely small, fully reliable filters at lowest possible prices. 450 volts working voltage, 525 volts peak (up to 580).

Stock No.	Cap. Mfd.	Dimen. In.	Your Cost
W3564	4	7/8 x 1 1/2 x 2 1/2	44c
W3565	8	1 x 1 1/2 x 2 1/2	56c
W3586	12	1 1/8 x 1 1/2 x 2 1/2	76c
W3587	16	1 1/4 x 1 1/2 x 2 1/2	85c
W3567*	8-8	1 1/8 x 1 1/2 x 2 1/2	88c

* Has four leads.

SPRAGUE "450" Cardboard Units



A standard unit for general use. Special mounting flanges may be clipped off or used. Moisture-proof casing. Working voltage, 450; maximum surge voltage, 525. Pig-tail leads with push-back insulation. Capacitors marked with (*) have four leads.

Stock No.	Cap. Mfd.	Size—Ins. L. W. H.	Your Cost
W3527	4	4 1/8 x 1 1/2 x 1 1/2	44c
W3528	8	4 1/8 x 1 1/2 x 1 1/2	56c
W3529	4-4*	4 1/8 x 1 1/2 x 1 1/2	71c
W3530	8-8*	4 1/8 x 1 1/2 x 1 1/2	88c

SPRAGUE "450" Inverted Can Units



Sturdy, aluminum cased condensers designed for inverted mounting. Supplied complete with nut and mounting bracket. 6-inch wire leads. May be used to replace cans of much larger size. Continuous working volts 450, surge volts 525. (*) means 4 color coded leads.

Stock No.	Cap. Mfd.	Size—Ins. L. W. H.	Your Cost
W3534	4	1 1/2 x 3	50c
W3535	8	1 1/2 x 4	62c
W3536*	4-4	1 1/2 x 4	76c
W3537*	8-8	1 1/2 x 4	94c

TOBE RF-2 Power Line All-Wave Filterette



Reduces noises which enter the receiver through the power line. Effective for all-wave receivers. Contains special all-wave inductors. In metal case, complete with approved cord and plug and instructions.

Shpg. wt. 3 lbs. W12608—
Your Cost...

\$2.90

SOLAR "Jumbo" Elim-O-Stat



A universal noise eliminator that can be used with radio receivers or electrical appliances such as refrigerators, fans, etc. Easy to install. Complete with approved cord and plug. In black lacquer finish metal can.

Shpg. wt. 5 lbs. W12684—
Your Cost Each...

\$2.45

SOLAR Elim-O-Stats



Type RA for use where low intensity noise is being picked up through power line. Rated 5 amps., 110 v. a.c. or d.c. Type RB for use where more severe noises are encountered. Both easy to install.

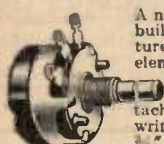
Type RA W12432—
Type RB W12433—

24c 44c

Write for NEW FREE SPRAGUE Catalog

STANDARD TYPE VOLUME CONTROLS

NEW! I.R.C. VOLUME CONTROLS



A new line of all-purpose volume controls built to the most exact standards. Features: Bakelite base for resistance element; multi-spring noiseless contact arm; recessed terminals; extremely hard element; easily attachable line switch, approved by Underwriters. Shafts 2 1/4" long with flat. Bushing 3/4" long, 3/8" diam. Metal dust covers. All correctly tapered, taper indicated in listing as follows: A—Uniform; B—Tone Control or Audio; C—Antenna Shunt or Audio; D—Antenna and "C" Bias; E—"C" Bias; F—Ant. and Grid Bias.



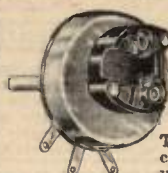
correctly tapered, taper indicated in listing as follows: A—Uniform; B—Tone Control or Audio; C—Antenna Shunt or Audio; D—Antenna and "C" Bias; E—"C" Bias; F—Ant. and Grid Bias.

Stock No.	Ohms	Stock No.	Ohms	Stock No.	Ohms
W9100	500A	W9112	15000F	W9123	20000A
W9101	1000A	W9113	20000F	W9124	20000D
W9102	2000A	W9114	25000D	W9125	25000C
W9103	3000A	W9115	25000A	W9126	50000A
W9104	4000A	W9116	25000F	W9127	50000C
W9105	5000A	W9117	50000A	W9128	50000C*
W9106	5000C	W9118	50000C	W9129	1 Meg. C
W9107	10000F	W9119	75000C	W9130	1 Meg. C*
W9108	10000A	W9120	75000D	W9131	1 Meg. †
W9109	10000D	W9121	100000A	W9132	2 Meg. C
W9110	10000C	W9122	100000C	W9133	3 Meg. C
W9111	15000D			W9137	10 Meg. A

*Tapped for tone compensation

†Fader Control
Any Volume Control, **59¢**
Your Cost Each.....

Switch Covers Each
W9133—S.P.S.T. 29¢
W9134—S.P.D.T. 35¢
W9135—D.P.S.T. 35¢



Trutest TRU-TAPER POTENTIOMETERS

Trutest presents these quality volume controls as a thoroughly reliable line of variable volume components.

Features include: extra hard composition elements; multi-point wiping contact arm; correct taper; rugged construction. With 1 1/4" shaft. Bakelite frames, metal dust covers. 3/8" bushings.

Stock No.	With Switch	Resist. in Ohms	Tapered for Circuit	Stock No.	Without Switch
W9070	1000		Antenna Shunt	W9081	Switch
W9071	2000		Antenna Shunt, "C" Bias	W9082	Switch
W9072	5000		Antenna Shunt	W9083	Switch
W9073	10000		Antenna Shunt, "C" Bias and Ant.	W9084	Switch
W9074	25000		Antenna Shunt, "C" Bias and Ant.	W9085	Switch
W9075	50000		Screen Voltage or Tone Control "C" Bias Control	W9086	Switch
W9076	75000		Screen Voltage or Tone Control	W9087	Switch
W9077	100000		Audio Shunt or Tone Control	W9088	Switch
W9078	250000		Audio Shunt or Tone Control	W9089	Switch
W9079	500000		Audio Shunt or Tone Control	W9090	Switch
W9080	1 Megohm		Audio Shunt or Tone Control	W9091	Switch

With Switch Your Cost, **40¢**
Any Type.....
Without Switch Your Cost, **28¢**
Any Type.....

Trutest EXACT Duplicate Controls



For VICTOR
R-32
RE-45
R-52
RE-75

W9094—
Your Cost Each..... **92¢**

For RCA-Victor models 42, 48, R-14, R-15, R-17. Dual unit, 10,000 and 25,000 ohms.

W9093—Your Cost **\$1.15**

PHILCO 20, 20A and 220
Exact duplicate. Dual unit, 285 and 5000 ohms.

W9092—Your Cost **92¢**

ZENITH 70 SERIES

Late type. Used in models 50, 60, 70, 71, 72, 73, 77, 712, 722, 723, and 772. Dual unit, with switch.

W9095—
Your Cost **\$1.39**

Series 50 control. Single unit with switch.
W9096—Your Cost..... **79¢**

Centralab



Centralab controls use these features: patented rocking contact to the resistor; no change or noise after long service. Patented non-rubbing contact between an oil-treated wood bearing and a smooth polished metal contact band. Shaft milled flat, 2 1/4" long. Diameter, 1 1/8".

depth, 3/4"; shaft, 1/4"; bushing, 3/8". Bakelite housed with metal dust-proof shield. Listing is coded to indicate taper as follows: U—Voltage Divider (Uniform); S—Antenna Shunt; A—Antenna Shunt and C Bias; A1—Antenna Shunt and C Bias, 1 Tube; A2—Antenna Shunt and C Bias, 2 Tubes; C—C Bias; T—Tone Control; GT—Audio Grid or Tone Control; P—Series in R. F. Plate.

Stock No.	Res. Ohms	Stock No.	Res. Ohms	Stock No.	Res. Ohms
W8876	500U	W8858	10000S	W8840	75000C
W8865	1000U	W8873	15000A	W8862	100000U
W8859	2000U	W8831	15000A	W8880	100000GT
W8866	3000U	W8877	20000A	W8878	200000GT
W8867	4000U	W8869	25000U	W8694	200000C
W8868	5000U	W9032	25000C	W8879	250000GT
W8842	5000S	W8860	25000S	W8864	500000U
W8872	10000A	W8861	50000U	W8841	500000P
W8871	10000A1	W8875	50000T	W8874	1 Meg. GT
W8843	10000A2	W9033	75000T	W8696	3 Meg. GT

Your Cost Each, **59¢**
Any Type.....
Switch Cover Plate W8665—
Your Cost Each..... **29¢**

Radiohm POTENTIOMETERS



CARTER Midget Rheostats and Pots. 1-Watt



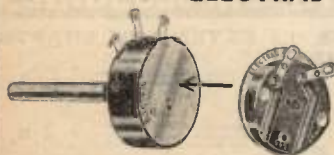
Extremely compact rheostats and potentiometers that dissipate 1-watt. All wire wound. Rheostats are 1 1/2" diam.; potentiometers are 1 1/2" diameter. Mount in single 3/8" hole and project 1/4" back of panel. Shaft 1/4" thick extends 1 1/4". No knob included.

Potentiometers—Type MP			
Stock No.	Ohms	Stock No.	Ohms
W6515	6	W6520	400
W6516	10	W6521	500
W6517	15	W6522	1000
W6518	20	W6523	1500
W6519	200		

Rheostats—Type MR			
No.	Ohms	No.	Ohms
W6524	3	W6529	25
W6525	6	W6530	30
W6526	10	W6531	40
W6527	15	W6532	50
W6528	20	W6533	75

Your Cost Each, **28¢**
Any Above Rheostat or Potentiometer.....

ELECTRAD UNIVERSAL REPLACEMENT VOLUME CONTROLS



Employ newly perfected graphite element which cannot flex or warp. Bakelite case, with metal end plate and aluminum shaft. Approved switch can easily be added. Letters following resistance indicate taper: U—uniform; A—antenna shunt or "C" bias; C—"C" bias; P—audio plate control; GT—audio grid or tone control; S—antenna or audio shunt; H—special taper for metal tube circuits, for bias. Letter W following type number indicates wire wound element.

Audio Controls Tapped for Tone Compensation

Stock No.	Mfrs. No.	Res. Ohms	Tapped At	Your Cost
WG7846	894	500,000	100,000	88¢
WG7838	895	1,000,000	200,000	
WG8228	898	2,000,000	1,000,000	

Special Fader Controls [for amplifiers, etc.]

Stock No.	Mfrs. No.	Res. Ohms	Your Cost
WG8229	890	30,000-0-30,000	88¢
WG8230	891	250,000-0-250,000	
WG8231	892	500,000-0-500,000	

Attachable Volume Control Switches

WG8095—S.P.S.T. (101)..... 29¢
WG8094—S.P.S.T. (104)..... 35¢
—Special for auto radios.
WG8739—S.P.D.T. (102)..... 35¢
WG8740—D.P.S.T. (103)..... 35¢
WG8737—T.P.S.T. (105)..... 35¢

We carry a complete line of Electrad exact duplicate controls for all standard radio receivers. Write for information.

STANDARD SINGLE UNIT CONTROLS

Stock No.	Mfrs. No.	Res. Ohms	Stock No.	Mfrs. No.	Res. Ohms
W7905	204W	10U	W7924	283	10000U
W8072	269W	20U	W8158	995W	10000A
W8128	270W	30U	W8224	996	10000S
W8129	271W	50U	W7912	240	10000A
W8068	272W	100U	W8091	578	12000C
W7915	273W	200U	W8225	875	12500H
W7916	274W	400U	W7902	201	15000A
W8200	991W	500U	W7921	279	25000U
W7923	282W	600U	W7922	280	25000P
W7917	275W	800U	W7913	241	30000P
W7918	276W	1000U	W8226	997	40000U
W8221	992W	1500U	W7906	205	50000U
W7909	232W	2000U	W7903	202	75000C
W7910	233W	3000U	W7914	242	100000GT
W7919	277W	4000U	W8125	281	200000U
W7911	234W	5000U	W8227	998	250000C
W7920	278	5000A	W7908	208	250000GT
W8222	993W	6000A	W7904	203	500000GT
W8223	994W	7500A	W7907	206	1 Meg. GT
W8083	560	7500A			

Rheostat Type
Your Cost Each, **59¢**
Any Of The Above Controls.....

PRICES SUBJECT TO CHANGE...WITHOUT NOTICE

YAXLEY

APPROVED RADIO PRODUCTS



UNIVERSAL VOLUME CONTROLS

161 CONTROLS SERVICE 4610 DIFFERENT RECEIVERS

The line of Yaxley Volume Controls can be used to service over 90% of all the radio receivers now in use. With comparatively few units, the serviceman is enabled to meet practically all service requirements of volume control replacement.

Yaxley Controls feature: (A) Minimum bias adjustment on all bias controls; (B) 3" aluminum shaft—to shorten just notch and break off; (C) Approved switch; (D) Knob adapter; (E) Extension bushing—panels up to 3/4".

UNIVERSAL 'STANDARD' CONTROLS

Furnished with 3" aluminum shaft (milled), standard bushing, cover-plate and, where necessary, adjustable bias plate.

Stock No.	Part No.	Type	Res. Ohms	Taper	Stock No.	Part No.	Type	Res. Ohms	Taper
W6660	Q	WW	2	1V	W6714	H12	Car.	15000	1
W6661	R	WW	6	1V	W6715	Y	Car.	20000	1
W6662	S	WW	10	1V	W6676	J	Car.	25000	11
W6663	T	WW	20	1V	W6677	K	Car.	50000	11
W6664	U	WW	30	1V	W6716	K12	Car.	50000	1
W6665	V	WW	60	1V	W6717	Z	Car.	75000	11
W6666	W	WW	100	1V	W6718	Z12	Car.	75000	1
W6667	X	WW	200	1V	W6678	L	Car.	100000	1
W6668	A	WW	500	1	W6679	M	Car.	250000	1
W6669	B	WW	1000	1	W6680	N	Car.	500000	1
W6670	C*	WW	2000	11	W6681	O	Car.	1 Meg.	1
W6704	C12*	WW	2000	1	W6682	P	Car.	2 Meg.	1
W6671	D*	WW	3000	11	W6719	UC-500	WW	1000	11
W6705	D7*	WW	3000	V11	W6720	UC-501	C.	10000	11
W6706	D12*	WW	3000	1	W6721	UC-502	C.	150000	1
W6672	E*	WW	5000	11	W6722	UC-503	C.	750000	1
W6707	E7*	WW	5000	V11	W6723	UC-504	C.	3 Meg.	1
W6708	E12	Car.	5000	1	W6724	UC-505	C.	4 Meg.	1
W6673	F*	WW	7500	11	W6725	UC-506	C.	5 Meg.	1
W6709	F7*	WW	7500	V11	W6726	UC-507	C.	5 Meg.	11
W6710	F12	Car.	7500	1	W6727	UC-508	C.	9 Meg.	1
W6674	G*	WW	10000	11	W6728	UC-509	C.	250000	11
W6711	G7*	WW	10000	V11	W6729	UC-510	C.	100000	1
W6712	G12	Car.	10000	1	W6730	UC-511†	C.	250000	1
W6675	H*	WW	10000	11	W6731	UC-512†	C.	500000	1
W6713	H7*	WW	15000	V11					

C. or Car.—Means Carbon element. WW—Means Wire Wound element. *—Has adjustable bias features. †—Means control has slotted shaft for automobile receivers.

Your Cost Each, Any of the Above Controls. **59¢**

UNIVERSAL 'DUAL' CONTROLS

Consist of two volume controls strapped together and driven by a single shaft. Units listed service practically all receivers.

Stock No.	Mfrs. No.	Type	Res. in Ohms Front	Rear	Taper Front	Rear
W6684	CE	WW	2000	5000	1	1
W6685	GE	WW	10000	5000	V11	1V
W6686	GG	WW	10000	10000	V11	1V
W6687	GK	Car.	10000	50000	1	1V
W6688	LL	Car.	100000	100000	1	1
W6689	LM	Car.	100000	250000	1	1
W6749	MM	Car.	250000	250000	1	1
W6750	MN	Car.	250000	500000	1	1
W6689	NN	Car.	500000	500000	1	1

WW—Wire Wound element. Car.—Carbon element. **\$1.47**

Your Cost Each, Any Size.

SPECIAL 'DUAL' CONTROLS

Stock No.	Mfrs. No.	Type	Res. in Ohms Front	Rear	Name of Set and Models
W6683	DRP-114	WW	250	5000	Philco 20, 20A, 70, 70A, 90, 90A (2-45's), 270, 270A, 220, 21.
W6751	DRP-117	WW	500	2500	Eveready 50 series
W6752	DRP-119	WW	3000	10000	Sterling F, 8T
W6753	DRP-122	WW	645	10000	Majestic 50, 51, 52
W6614	DRP-169	WW	75000	10000	Mohawk-Lyric 11D, 19D, 34D, 29D, 19H, 29H, 34H, Lyric H, D series

W6619	DRP-221	Car.	10000	100000	Zenith 50, 60 "0 series
W6756	DRP-222	Car.	75000	32000	Majestic 100, 130
W6757	DRP-232	Car.	3 Meg.	3 Meg.	Crosley 132-1, 136-1
W6758	DRP-239	Car.	25000	25000	Kolster K63, K66, K73, K76, K83, K83, K93, K96, K103

W6759	DRP-240	Car.	250000	10000	Earl & Freed Nr 55, NR56AC, 21AC, 22AC
W6760	DRP-241	Car.	5000	150000	Wells Gardner 90, 91, 92, 93

W6698	DRP-115	WW	3800	3800	RCA-Victor R32, RE45, R52, RE75
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W6761	DRP-242	Car.	10000	500000	Eveready 50 (3rd Type)
W6762	DRP-243	Car.	3000	750000	Wells Gardner C, CG, 200, 291, 292, 295

W6763	DRP-244	Car.	25000	6000	Kolster K42, 43, 44
W6541	DRP-245	Car.	1 Meg.	3 Meg.	Stromberg-Carlson 48, 49, 50, 51

W6700	DRP-246	Car.	32000	50000	Spartan 410, 420
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WW—Wire Wound element. Car.—Carbon element. **\$1.47**

Your Cost Each, Any Type.

Special control for RCA-Victor model RC3, R14, R15, RE17, R42 and R48; G.E. model T41, Westinghouse model WR4. Yaxley Part No. DRP-116.

W6694—Your Cost. **\$1.47**

UNIVERSAL 'LINEAR' CONTROLS

Similar to the above, but with "straight line" or linear taper.

Stock No.	Mfrs. No.	Type	Res. Ohms	Stock No.	Mfrs. No.	Type	Res. Ohms
W6732	A400P	WW	400	W6741	A20MP*	WW	20000
W6733	A550P	WW	550	W6742	Y25MP	Car.	25000
W6734	A1MP	WW	1000	W6743	Y50MP	Car.	50000
W6735	A2MP*	WW	2000	W6744	Y100MP	Car.	100000
W6736	A3MP*	WW	3000	W6745	Y200MP	Car.	200000
W6737	A5MP*	WW	5000	W6746	Y250MP	Car.	250000
W6738	Y6MP	Car.	5000	W6747	Y500MP	Car.	500000
W6739	A10MP*	WW	10000	W6748	Y1000MP	Car.	1 Meg.
W6740	Y10MP	Car.	10000				

WW—Wire Wound element. *—Has adjustable bias feature.

Car.—Has Carbon element.

Your Cost Each, Any Type. **59¢**

UNIVERSAL 'TAPPED' CONTROLS

Service a great majority of the receivers using tapped controls. Units shown below are not limited to use in the sets listed.

Stock No.	Mfrs. No.	Res. Ohms	Tapped At	Description
W6542	TRP600	63000	2500	Wells Gardner 60, 63
W6543	TRP601	303000	6000	RCA-Victor RAE84, R78
W6544	TRP602	63000	3000	Wells Gardner 5E; Montgomery-Ward 62-120, 62-122, 62-126, 62-128, 77, 95, 730, 735

W6545	TRP603	250000	C.T.	RCA-Victor 320, 321, 322, 327, 340, 341-E, RE-80, 81, CRD-9
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W6546	TRP604	350000	25000	Philco 17, 19
W6547	TRP605	350000	75000	Philco 10, 14, 18, 28, 29, 45, 49, 91, 118, 144, 503; 507, G10

W6577	TRP606	500000	100000	Zenith 410, 411, 420, 430, 440, 476, 476A, 770, 775, 780. Atwater-Kent 112, 511. Stewart-Warner 126 chassis, 1261-1269.
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W6578	TRP607	500000	C.T.	RCA-Victor R37, R37P, R38, R38P, 120, 121, 122, 124, 223
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W6579	TRP608	1 Meg.	200000	RCA-Victor R71-B. Philco 620, 630
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W6580	TRP609	1 Meg.	C.T.	Belmont 640
W6581	TRP610	1 Meg.	200000	Grunow 650, 651, 660, 661, 750, 751, 752, 753, 801, 901, 902

W6582	TRP611	1 Meg.	170000	Philco 16 (121)
W6583	TRP612	2 Meg.	25000	RCA-Victor R51B

Your Cost Each, Any Type. **88¢**

EXPLANATION OF YAXLEY VOLUME CONTROL TAPERS

- No. I. For audio or antenna shunt circuits.
- No. II. For series circuits such as cathode voltage controls.
- No. III. For antenna shunt and "C" bias circuits.
- No. IV. Linear taper; for voltage divider circuits.
- No. VII. Wire wound element. For antenna and " " bias.

VOLUME CONTROL ACCESSORIES

YAXLEY VOLUME CONTROL SWITCHES

Stock No.	Part No.	Type	Your Cost
W6288	6-9	S.P.S.T.	29c
W12853	8	S.P.D.T.	
W6289	7	D.P.S.T.	
W6290	13	3-P.S.T.	
W6291	14	4-P.S.T.	

35¢

MOUNTING BRACKETS



For use where control mounts off the chassis. Plated metal. Adjustable mounting centers.

W6297—Type RB-248. Mounting centers 1 1/2" to 2 3/4".

W6298—Type RB-249. Mounting centers 2 3/8" to 2 3/4".

Your Cost Each, Either Type. **12¢**

EXTENSION SHAFTS



Type A—Length 4".
W6561—1/4" diam., 1/4" fat.
W6562—1/4" diam., 3/8" fat.
W6563—3/8" diam., 1/2" fat.

Any Size, Your Cost Each. **18¢**

Type B—2" long, 1/4" diameter with 3/8" slot. Enclosed in tight fitting tube (D).

W6559—Your Cost. **21¢**

Type C—2" long, 1/4" wide, 3/8" thick. Tongue shaped and fitted with tube (D). For use in auto receivers.

W6560—Your Cost. **21¢**

YAXLEY VOLUME CONTROLS

Manufacturer and Models	Stock No.	Your Cost	PRICES DO NOT INCLUDE SWITCH Switches listed on page 28	Manufacturer and Models	Stock No.	Your Cost	Manufacturer and Models	Stock No.	Your Cost
ATWATER KENT				GENERAL HOUSEHOLD UTILITIES			RCA VICTOR CO. (Cont.)		
37, 38, 40, 40F, 41DC, 42, 42F, 43, 44, 45, 46, 47, 52, 53, 56, 57 (Strip Only).....	W6656	\$0.29		470 (4C).....	W6709	\$0.59	RE20, 21, 22, R43, R50, R55, RAE59, RAE79.....	W6716	\$0.59
55, 55C, 55F, 60, 60C, 61, 61C, 66 (Strip Only).....	W6657	.29		501, 520, 530, 550 (5B).....	W6680	.59	R27, 102.....	W6728	.59
55, 55C, 55F, 60, 60C, 66 (Late Dual Control).....	W6658	1.47		1151, 1152 (11A, 11B) Tone.....	W6680	.59	R28, R28P, R28-BW, R28-BWC.....	W6736	.59
67, 67C, 228Q.....	W6678	.59		570, 571 (5D), 821 (5B), 1151, 1152 (11A, 11B).....	W6681	.59	M32, A-73A, R75 (2A5).....	W6682	.59
70, 72, 74, 75, 76 (Chassis D1, D2, F, L1, L2, P Requires W6297 Mtg. Bracket).....	W6684	1.47		GRIGSBY-GRUNOW (MAJESTIC)			R32, RE45, R52, RE75.....	W6698	1.47
72 (H1, H2 Chassis).....	W6687	1.47		55, 59, 66, 75, 77, 85, 86 (800), 95 (520), 105 (520), 195 (500), 211, 214, 215, (210).....	W6679	.59	R35, RE39, RE57.....	W6773	1.47
80, 80F, 83, 83F, 90, 90F.....	W6672	.59		90, 91, 92, 93 (90, 90B).....	W6717	.59	R37, R37P, R38, R38P, 120, 124, 223, 330, 331.....	W6578	.88
82, 82F, 86, 86F.....	W6733	.59		90, 91, 92, 93 Equalizer.....	W6697	.88	RE40, RE40-P.....	W6736	.59
82Q, (1st), 84, 84D, 84F (Early), 84Q, 89, 89F, 89P.....	W6680	.59		71, 72 (70, 70B).....	W6712	.59	R70.....	W6673	.59
84, 84F (Late).....	W6754	.88		151, 153, 154, 155, 156 (15, 15B, 150).....	W6713	.59	R71, R72.....	W6747	.59
87, 94, 94F.....	W6754	.88		211, 214, 215 (210), 221, 223, (220) 303, 304, 307 (300, 300A), 311, 314, 315.....	W6679	.59	74, 76, 77, RE81, 300.....	W6677	.59
87D.....	W6684	1.47		61, 62 (60).....	W6696	.88	R75 (47 Output), RE80.....	W6739	.59
92, 92F, 96, 96F, 99, 99F, 99P, 145, 155, 165, 185, 185A, 188, 188F, 165Q.....	W6680	.59		121, 123 (120, 120B).....	W6685	1.47	R78, RAE84.....	W6543	.88
206, 217, 228, 275, 310, 315, 318, 325, 376.....	W6680	.59		201, 203, 204 (200).....	W6680	.59	80.....	W6737	.59
246, 260, 260F, 266, 387, 424, 427, 427D, 448, 469.....	W6680	.59		251, 253, 254 (25).....	W6673	.59	82, 86.....	W6737	.59
510, 525, 534, 555, 558, 559, 511.....	W6577	.88		251B, 253B, 254B (25-B).....	W6710	.59	100, 101, 301, 310.....	W6672	.59
612, 627, 636, 667, 708, 711, 756, 788, 808, 812, 825.....	W6680	.59		320, 330, 340, 360, 390, 460, 490, 500, 570, 600, 998.....	W6679	.59	110, 111, 115, 210.....	W6671	.59
854, 944.....	W6715	.59		381 (Treasure Chest).....	W6716	.59	118, 121, 122, 127, 128, 140, 141, 141E, 143, 211, 221, 224, 240, 262 (requires ex. Shaft No. YF6562).....	W6545	.88
469, 469F (1st), 480 (Tone-beam).....	W6764	.88		411, 411A, 413, 413A.....	W6715	.59	320, 321, 322, 327, 340, 340E, 341.....	W6580	.88
135Z, 215Z, 237Q, 285Q, 286, 305Z, 317, 328 (Early), 337, 415Q, 435 (Early), 437Q, 475, 545, 565Z, 649 (Early), 735, 768Q, 856, 976, 978Q.....	W6680	.59		40, 49, 194 (Ch. 440).....	W6709	.59	R7, R9, RE20, R50, R55, RAE59, R70, RAE79 (Tone).....	W6680	.59
511, 810.....	W6577	.88		NOBLITT-SPARKS (ARVIN)			R11, R12, RE16A, RE18, RE18A (Tone).....	W6745	.59
BELMONT RADIO				7, 17, 27, 37.....	W6731	.59	BC6-3, BC6-4, BC6-10, BC7-8, BC7-9, 236B.....	W6679	.59
401, 444.....	W6720	.59		51, 61, 62, 61M, 62M, 81M.....	W6680	.59	T4-8, T4-9, 103.....	W6672	.59
541, 544, 545, 755.....	W6580	.88		61M, 62M Tone.....	W6678	.59	M101, M104, M108, M109.....	W6679	.59
580, 585 A, B, C, 670A.....	W6680	.88		41.....	W6712	.59	SPARTON		
578, 777 A, B.....	W6681	.59		PHILCO			69, 79, 89, 89A, 99, 101, 109, 110, 301DC, 589, 591, 593, 931.....	W6699	.88
BOSCH				10.....	W6545	.88	103, 111A, 235, 564, 570, 574, 578, 600, 610, 620, 737, 740, 750, 870.....	W6774	.88
28, 29.....	W6641	.88		10 (122), 14, 18, 28, 29, 45, 45C, 46, 91 (225), 118, 144, 503, 507.....	W6547	.88	410, 420AC, 410, 420DC.....	W6700	1.47
48, 49 (Type 1).....	W6686	1.47		16, 17, 19 (128).....	W6546	.88	616, 616X, 666, 666X.....	W6681	.59
48, 49 (Type 2).....	W6658	1.47		16 (121), 17 (Run 4).....	W6583	.88	655, 716, 716X, 766, 766X, 766XP, 766XS.....	W6679	.59
58, 62DC.....	W6671	.59		19, 30, 44, 60, 66, 89, 95, 96, 96A, 504, 505, 610, 700, 800, 1200 (Series), 1289AC.....	W6680	.59	STEWART WARNER		
CROSLEY RADIO CORP.				20, 20A, 41DC, 42DC, 70, 70A, 77, 77A, 220, 220A, 270, 270A, 470, 470A.....	W6683	1.47	R100A, B, F, 950 Series.....	W6701	.88
DeLuxe Fiver.....	W6680	.59		70, 70A (2nd type), 71.....	W6681	.59	R101A, B.....	W6707	.59
5M3, 124, 125, 133, 135, 141, 147, 148, 155.....	W6707	.59		85, 35B, 37.....	W6684	1.47	R102A, B, E.....	W6711	.59
50-5H1, 50B-5H1, 61-6H2, 61-LB, 6H2.....	W6723	.59		38, 53, 57, 59, 80, 81, 84.....	W6715	.59	R104A, B, E.....	W6680	.59
95 (Roamino), 96 (Auto).....	W6723	.59		50, 50A, 65.....	W6735	.59	R-125, R127, R128-D, R130, R131.....	W6680	.59
515, 60, 75.....	W6662	.59		51, 51A, 52.....	W6706	.59	R123 (1231-1239).....	W6709	.59
99 (Tone), 127-1 (Tone), 129, 129-1 (Tone), 132-1 (Tone).....	W6718	.59		90, 90A (1-47).....	W6680	.59	STROMBERG CARLSON		
120.....	W6711	.59		90, 90A (2-45's).....	W6683	1.47	12, 14, 27A.....	W6648	.88
159, 163, 166, 167, 172, 169 (Revised), 174, 176.....	W6707	.59		90, 90A (2-47's).....	W6681	.59	22, 22A.....	W6650	.88
136-1, 146, 157, 158, 160, 164, 168, 170, 171, 179, 180, 181, 182, 1014 (ALL Tone Controls).....	W6718	.59		91 (121, 122).....	W6681	.59	10, 11, 16DC, 17DC, 25, 26, 638 (Rear Control).....	W6796	.88
146-1, 150 (Tone), 157, 158, 160, 164, 168, 175, 179, 180.....	W6723	.59		111, 111A, 112, 112A (2-45's), 211, 211A, 212, 212A.....	W6680	.59	641, 642, 652, 654, 846, 848, (Rear Control).....	W6651	.88
173, 173-5.....	W6680	.59		296, 296A, 490.....	W6680	.59	641, 642, 652, 654 (Front).....	W6653	.88
41, 41A, 42, 608AC, 609, 704, 704A, 704B, 705, 706.....	W6693	.88		39, 39A, 97.....	W6679	.59	635, 636 (Rear Control).....	W6652	.88
129-1, 131, 137, 169, 154.....	W6768	.88		116B (121), 116X (122), 643, 650, 660, 665.....	W6586	.88	635, 636, 638 (Front).....	W6654	.88
121A, 123, 126, 126-1.....	W6769	.88		610, 611, 623.....	W6680	.59	846, 848 (Front Control).....	W6655	.88
132-1, 136-1.....	W6757	1.47		RCA VICTOR CO.			29 (Vol. and Tone).....	W6680	.59
27, 58, 53, 54, 55, 56, 57, 58, 59AC, 77-.....	W6585	.88		R4, R6R, R7AC, R7DC, R7LW, R7A, R9AC, R9-DC, RE16A, R22.....	W6621	.88	37.....	W6749	1.47
5V2, 8B3, 6H3, 614, 534, 635, 714, 715, 725, 855.....	W6681	.59		R8AC, R10AC, R11AC, R12-AC, RE19AC, R20, R21, R023.....	W6636	.88	38, 39, 40, 41.....	W6749	1.47
431.....	W6748	.59		R14, R15, RE17, 42, 48.....	W6694	1.47	37, 38, 39, 40, 41 (Tone).....	W6722	.59
EMERSON RADIO				17M, 18W.....	W6745	.59	48, 49, 50, 51.....	W6541	1.47
32, 38, 42, 49, 103 (F5), 106, 107, 111, 108, 110.....	W6680	.59		Radiola 17.....	W6630	.88	60, 64.....	W6682	.59
19 (UV4).....	W6715	.59		60, 62.....	W6623	.88	68.....	W6674	.59
34C, 101, C6, D6.....	W6679	.59		66.....	W6624	.88	64, 68 (Tone).....	W6679	.59
36 (B5).....	W6708	.59		64, 67, 9-18, 9-54.....	W6626	.88	58, 58LB, 58T, 58TB, 58W, 58WB.....	W6681	.59
39, 59 (D-SS).....	W6750	1.47		44, 46AC, 47.....	W6627	.88	62, 62B, 63, 63B.....	W6682	.59
40, 71, 77, 375, 375LW, 770.....	W6681	.59		18, 18DC, 33AC, 41AC, 41DC.....	W6629	.88	74, 74B, 74D Tone.....	W6682	.59
FADA RADIO & ELECTRIC CORP.				M34.....	W6798	.88	ZENITH		
10, 10Z, 11, 11Z, 16, 16Z, 30, 30Z, 32, 32Z (Early), 50, 50Z, 70, 70Z, 71, 72.....	W6770	.88		C11-1, D11-2 (treble), T10-1, T10-3 Tone.....	W6680	.59	50, 60, 70 Series (Dual).....	W6619	1.47
15M, 15MZ, 116, 16Z (Late).....	W6771	.88					50, 60, 70 Series (Single).....	W6584	.88
17, 18, 32, 32Z (Late) 20, 20Z, 25, 25Z, 75, 77.....	W6771	.88					91, 92 (Type 1).....	W6737	.59
45 (KU).....	W6673	.59					230, 240, 245.....	W6680	.59
48, 49 (KW).....	W6680	.59					410, 411, 420, 430, 440.....	W6577	.88
41, 42, 44, 46, 47.....	W6681	.59					460, 462, 474, 475, 476B, 500, 501, 503, 514, 515, 516, 600, 604, 606, 610, 616, 618.....	W6680	.59
73, 75 (RE), 74, 76 (RA).....	W6681	.59					701, 702, 715, 755, 756, 760, 765, 767, 770B, 775B.....	W6680	.59
761, 762, 764, 766, 767.....	W6752	1.47					10, 11, 12, 15, 16, 52, 53, 54, 60, 61, 62, 64, 67, 41, 42, 80, 102, 112, 122, 422, 568DC.....	W6584	.88

NOTE

The listing on this page, when used in conjunction with the listings of Yaxley Universal Controls on page 112, permit the serviceman to service any radio receiver in use today.

NEW ENCYCLOPEDIA

Refer to page 86 for a complete description of the new Mallory-Yaxley serviceman's encyclopedia. The most comprehensive, complete, accurate service manual ever compiled—sold at \$1.47.

I R C

Fixed and Variable RESISTORS

I. R. C. Wire-Wound Variable Resistors



A complete line of adjustable type wire-wound resistors, ranging from 10 to 200 watts maximum capacity. The high grade resistance wire is wound on a ceramic core and is covered by a cement insulating compound having great strength, non-hygroscopic. A narrow section of the coating is left bare, and the adjustable slider makes contact with it. All with one slider. Mounting brackets supplied with all but 10-watt units.

Ohms	Ohms	Ohms	Ohms
5	250	2500	15000
10	500	3000	20000
25	750	3500	25000
50	1000	4000	40000
100	1250	5000	50000
150	1500	7500	75000
200	2000	10000	

Specify resistance desired when ordering.

Type ABA—10 Watts

1 1/4" x 1/4". Range up to 10,000 ohms. (See list above).
W5262—
Your Cost Each..... **35c**

Type DHA—25 Watts

2 1/4" x 1/4". Range up to 25,000 ohms. (See list above).
W5270 From To Each
W5274 5 5,000 50c
W5275 7,500 15,000 56c
W5276 20,000 25,000 65c

Type EPA—50 Watts

4 1/4" x 3/4". Range up to 75,000 ohms. (See list above).
W5286 From To Each
W5287 5 5,000 79c
W5287 7,500 25,000 88c
W5288 40,000 50,000 \$1.00
W5289 75,000 1.18

Type HAA—100 Watts

6 1/4" x 1 1/4". Available in the following resistances.
Ohms Ohms Ohms Ohms
100 2500* 10000* 50000*
500* 5000* 15000 75000*
1000* 7500 25000* 100000*
No. From To Each
W5266 100 5,000 \$1.18
W5267 7,500 25,000 1.32
W5268 50,000 1.47
W5269 75,000 100,000 1.62

Type HOA—200 Watts

10 1/2" x 1 1/4". Available in sizes marked by asterisk in list above.
No. From To Each
W5270 500 10,000 \$1.77
W5271 25,000 100,000 2.06

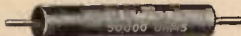
ELECTRAD Molded Wire-Wound Resistors



Resistor is molded in a Bakelite housing and provided with 1 1/2" tinned wire leads. 1 1/4" x 1/4". Specify resistance desired.

Ohms	Ohms	Ohms	Ohms
1	25	125	500
2	30	150	600
3	40	200	750
5	50	250	800
10	60	300	1000
15	75	350	1200
20	100	400	1500
W7580			
Your Cost Each.....	12c		

Type BT Insulated Resistors



An all purpose line of high quality units that employ the famous metallized element sheathed in an overall covering of moisture proof phenolic compound. Non-inductive and noiseless in operation. Pig-tail contact leads are solidly molded to the element. All are R.M.A. color coded and, in addition, have the resistance value marked on the covering.

Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Meg-ohms
...	450	2000	7000	15000	50000	200000	1.0
100	500	2250	7500	17500	60000	250000	1.5
150	600	2500	8000	20000	65000	300000	2.0
200	750	3000	9000	22500	70000	400000	3.0
250	800	3500	10000	25000	75000	500000	4.0
300	1000	4000	11000	30000	100000	600000	5.0
350	1250	5000	12000	35000	125000	750000	6.0
400	1500	6000	12500	40000	150000	.....	10.0

Specify Resistance Desired When Ordering

1/4-Watt—BT-1/2	1-Watt—BT-1	2-Watt—BT-2
5 1/4" x 1/4". All sizes	1 1/4" x 1/4". All sizes	1 1/4" x 1/4". 450 ohms up.
W5206—	W5207—	W5263—
Each..... 10c	Each..... 12c	Each..... 18c

Kit of 10 type BT-1/2—10 popular 1/4-watt units in a handy container.

W5264—
Your Cost, Kit of 10 **\$1.00**

Kit of 10 type BT-1—10 popular 1-watt insulated units in a handy container.

W5265—
Your Cost, Kit of 10..... **\$1.18**



I. R. C. Precision Wire-Wound Resistors

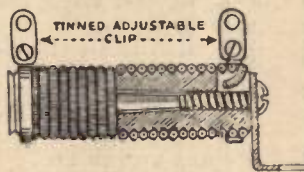
1% Accuracy

Precision wire sound resistors designed for use as meter multipliers and other applications where great accuracy is a requisite. Guaranteed accuracy 1%. Non-inductively wound. Winding fully shielded. Provided with solder lug terminals.

Stock No.	Ohms	Your Cost	Stock No.	Ohms	Your Cost	Stock No.	Ohms	Your Cost
W5125	200		W5131	10000	59c	W5137	35000	
W5126	300	50c	W5132	12500		W5138	40000	
W5127	500		W5133	15000	65c	W5139	50000	79c
W5128	1000		W5134	20000		W5140	60000	
W5129	2500	53c	W5135	25000	79c	W5141	75000	94c
W5130	5000	59c	W5136	30000		W5142	100000	\$1.09

ELECTRAD TRUVOLT ADJUSTABLE RESISTORS

A high quality line of adjustable resistors having many outstanding features. Fine resistance wire is wound on an asbestos core, and then wound on a pre-grooved lava tube. Element cannot loosen or short. Adjustable clips are tinned for easy soldering. A protecting insulating sleeve is furnished with each resistor. The type B units are also supplied with end brackets for mounting. Self-tapping screws also furnished.



Type A—10-Watts— $\frac{1}{8}$ " x $1\frac{1}{4}$ " Long							
Stock No.	Res. Ohms	Stock No.	Res. Ohms	Stock No.	Res. Ohms	Stock No.	Res. Ohms
W7150	1	W7161	50	W7169	1000	W7176	5000
W7151	2	W7162	75	W7170	1250	W7177	7500
W7153	3	W7163	100	W7171	1500	W7178	10000
W7155	7.5	W7164	200	W7172	2000	W7179	15000
W7156	10	W7165	300	W7173	2500	W7180	20000
W7157	15	W7166	400	W7174	3000	W7181	25000
W7159	25	W7167	500	W7175	4000		
W7160	30	W7168	800				
Your Cost Each, Any Size.....							
W7632—Extra Sliders, Each.....		5c		Per Dozen.....		50c	
29c							

Trutest Carbon Resistors

FOR GENERAL REPLACEMENT

TRUTEST carbon resistors are RMA color-coded for easy identification, and are made of the finest materials and workmanship. **Their guaranteed accuracy is 10%, plus or minus.** The average is within 5%. Resistance values vary little with voltage variations.



Average Accuracy, 5%

Free RMA Color-Code Card

With each purchase of three or more TRUTEST carbon resistors you will receive a pocket-size RMA color-code chart—FREE. Dimensions of the units are as follows: 2-watt, 2" long; 1-watt, 1 1/4" long; 1/2-watt, 1" long. They are absolutely moisture-proof. With tinned leads.

Resis. Ohms	1/2-Watt Stock No.	1-Watt Stock No.	2-Watt Stock No.
200	W4250	W4300	W4450
300	W4255	W4348	
400	W4251	W4301	W4451
500	W4252	W4302	W4452
600	W4253	W4303	W4453
700	W4254	W4304	W4454
800	W4255	W4305	W4455
1000	W4256	W4306	W4456
1250	W4257	W4307	W4457
1500	W4258	W4308	W4458
2000	W4259	W4309	W4459
2500	W4260	W4310	W4460
3000	W4261	W4311	W4461
3500	W4262	W4312	W4462
4000	W4263	W4313	W4463
5000	W4264	W4314	W4464
6000	W4265	W4315	W4465
7000	W4266	W4316	W4466

Resis. Ohms	1/2-Watt Stock No.	1-Watt Stock No.	2-Watt Stock No.
7500	W4267	W4317	W4467
8000	W4268	W4318	W4468
9000	W4269	W4319	W4469
10000	W4270	W4320	W4470
12000	W4271	W4321	W4471
15000	W4272	W4322	W4472
17000	W4273	W4323	W4473
20000	W4274	W4324	W4474
25000	W4275	W4325	W4475
30000	W4276	W4326	W4476
40000	W4277	W4327	W4477
50000	W4278	W4328	W4478
60000	W4279	W4329	W4479
70000	W4280	W4330	W4480
75000	W4281	W4331	W4481
100000	W4282	W4332	W4482
125000	W4283	W4333	W4483
150000			

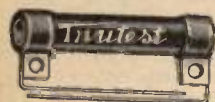
Resis. Ohms	1/2-Watt Stock No.	1-Watt Stock No.	2-Watt Stock No.
200000	W4284	W4334	W4484
250000	W4285	W4335	W4485
300000	W4286	W4336	W4486
400000	W4287	W4337	W4487
500000	W4288	W4338	
750000	W4289	W4339	
Megohms			
1	W4288	W4338	
1.5	W4288	W4338	
2	W4289	W4339	
2.5	W4289	W4339	
3	W4290	W4340	
4	W4291	W4341	
5	W4292	W4342	
6	W4293	W4343	
7	W4294	W4344	
8	W4295	W4345	
9	W4296	W4346	
10	W4297	W4347	

1/2-WATT SIZE
Your Cost Each.....
10 For.....**41¢** | 100 For.....**\$4.00**

1-WATT SIZE
Your Cost Each.....
10 For.....**50¢** | 100 For.....**\$4.85**

2-WATT SIZE
Your Cost Each.....
10 For.....**83¢** | 25 For.....**\$2.15**

Trutest 5 AND 10 WATT WIRE-WOUND RESISTORS



Tolerance Within 2%

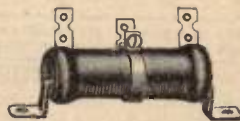
Wound with genuine Nichrome wire on ceramic tubes. Most are within 1% accuracy. When ordering specify sizes desired.

Ohms	Ohms	Ohms	Ohms
5	400	2000	10000
10	500	2250	12500
15	600	2500	15000
20	750	2750	17500
25	800	3000	20000
50	900	4000	22500
75	1000	5000	25000
100	1100	6000	30000
150	1250	7000	40000
200	1500	8000	50000
250	1750	9000	

*Available in 10-watt size only.
W4438—5-watt
Your Cost Each.....**17¢**
W4439—10-watt
Your Cost Each.....**20¢**

Trutest SEMI-VARIABLE WIRE WOUND RESISTORS

The most practical replacement voltage dividers obtainable. Just set the sliders to the desired point and you have a made-to-order voltage divider. Adjustable lugs have small contact buttons so that several taps may be used without shorting out much resistance. Each unit equipped with one sliding contact and brackets.



25 Watts (2" Long x 5/8" O. D.)

Stock No.	Resist. Ohms	Curr. Ma.	List Price	Your Cost
W20740	1	5000	\$0.85	
W20741	2	3500	.85	
W20742	3	2800	.85	
W20743	5	2225	.85	
W20744	10	1500	.85	
W20745	20	1100	.85	
W20746	50	700	.85	
W20747	100	500	.85	
W20748	200	350	.85	
W20750	500	224	.85	
W20751	750	182	.85	
W20752	800	177	.85	
W20753	1000	158	.85	
W20754	1500	129	.85	
W20755	2000	112	.85	
W20757	2500	100	.85	
W20759	4000	79	.85	
W20760	5000	71	.85	
W20761	6000	64	.95	
W20762	7000	60	.95	
W20763	8000	56	.95	
W20765	10000	50	.95	
W20795	15000	41	.95	
W20796	20000	35	1.05	
W20797	25000	32	1.05	

50 Watts (4" Long x 5/8" O. D.)

Stock No.	Resist. Ohms	Curr. Ma.	List Price	Your Cost
W20770	100	700	\$1.30	
W20771	200	500	1.30	
W20772	300	406	1.30	
W20773	400	353	1.30	
W20774	500	316	1.30	
W20775	800	252	1.30	
W20776	1000	224	1.30	
W20777	1500	182	1.30	
W20778	2000	158	1.30	
W20779	2500	141	1.30	
W20780	3000	129	1.30	
W20781	4000	112	1.30	
W20782	5000	100	1.30	
W20783	6000	91	1.45	
W20784	7000	84	1.45	
W20785	8000	79	1.45	
W20786	9000	74	1.45	
W20787	10000	71	1.45	
W20788	12000	65	1.45	
W20789	15000	58	1.45	
W20790	20000	50	1.45	
W20791	25000	45	1.45	
W20792	30000	41	1.85	
W20793	40000	35	1.85	
W20794	50000	32	1.85	

75 Watts—6" Long x 5/8" O. D.

Stock No.	Resist. Ohms	Curr. Ma.	List Price	Your Cost
W20800	100	865	\$1.75	
W20801	200	610	1.75	
W20802	300	500	1.75	
W20803	400	432	1.75	
W20804	500	387	1.75	
W20805	750	316	1.75	
W20806	1000	274	1.75	
W20807	1500	224	1.75	
W20808	2000	194	1.75	
W20809	2500	173	1.75	
W20810	3000	158	1.75	
W20811	4000	137	1.75	

Stock No.	Resist. Ohms	Curr. Ma.	List Price	Your Cost
W20812	5000	122	\$2.10	
W20813	6000	112	2.10	
W20814	7000	103	2.10	
W20815	7500	100	2.10	
W20816	10000	87	2.10	
W20817	15000	71	2.10	
W20818	20000	61	2.10	
W20819	25000	55	2.10	
W20820	30000	50	2.50	
W20821	40000	43	2.50	
W20822	50000	39	2.50	
W20823	100000	27	2.75	

Extra sliders to fit any of the above resistors.

W20825—Your Cost Each.....**5¢**

The dividers listed are only the most popular types. We can supply voltage dividers for any receiver and for any purpose, at the very lowest prices. Write us giving full particulars.

CENTRALAB POWER RHEOSTAT

Ideal for use as motor speed controls, charging rate regulators, etc. All metal frame and core insulated with treated asbestos. Made for three popular wattage ratings. Wire wound. Single hole mounting. Knob supplied. All 2" in diameter.



Stock No.	Res. Ohms	Stock No.	Res. Ohms
W8977	2	W8981	150
W8978	6	W8982	400
W8979	15	W8983	1000
W8980	50	W8984	5000

25-Watt Units
Your Cost Each.....**\$1.18**

50-Watt Units
Your Cost Each.....**\$1.47**
W8992—5000 ohms.....**\$1.62**

75-Watt Units
Your Cost.....**\$1.76**

Trutest OHM INDICATOR



Range 0-100,000 Ohms

Wire wound on vitreous enameled Isolantite tube. Comes with test prods and test clips. May also be used as a temporary volume control, voltage divider, etc. Finds the value of unknown resistors by substitution method. Merely run prod up the scale until best reception is obtained; resistance needed is indicated. Will more than pay for itself in a short time.

W4997—Your Cost.....**\$1.45**

We Will Not Knowingly Be Undersold

Meissner "Build-Your-Own" KITS

5-BAND "COMMUNICATIONS" RECEIVER

3.8 TO 555 METERS
14 ALL-METAL TUBES

Especially designed for the ham and advanced short-wave fan. Features completely wired and accurately balanced tuning unit, crystal filter, beat oscillator, noise silencer circuit, 6L6 output, amplified a.v.c., variable electrical band expansion, iron-core i.f.'s, band spread. Kit includes tuning unit with band-change switch and 6" calibrated airplane dial, noise silencer i.f., beat oscillator transformer, matched crystal filters, two iron-core i.f.'s, shielded r.f. chokes.

W10302—Kit No. 7502: complete as described, with tuning unit, r.f. and i.f. coils, r.f. chokes and dial; with all diagrams and instructions. Shipping weight 12 lbs. List \$50.00

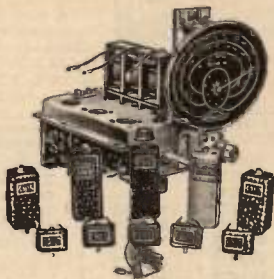
Your Cost.....

W10303—Model No. 7512—Completely assembled, wired and aligned tuning unit only. Shpg. wt. 9 lbs. List \$35.00

Your Cost.....

W10304—Drilled and punched chassis for above. Lead-coated steel (Ternplate), that makes soldering easy. Baked, black crystalline finish. 13x17x3". Shpg. wt. 7 lbs. List \$5.50

Your Cost.....

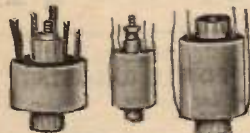


\$29.40

\$20.58

\$3.23

MAJESTIC I. F. COILS ONLY



Exact duplicate replacement i.f. coils for Majestic receivers. All accurately wound on treated paper tubing and thoroughly impregnated. Coils are supplied less cans and trimmers. Receiver must be re-aligned after new coil is installed.

Stock No.	Maj. No.	Model and Stage	Your Cost
W8440	4428	15, 15B, 160 (I.F.-Osc.)	\$0.35
W8441	8384	15, 15B, 150 (2nd)	.40

W8443	5326	25 (1st)	.40
W8444	5327	25 (2nd)	.53
W8445	5601	25B (1st)	.40
W8446	5602	25B (2nd)	.53
W8447	5606	55 (1st)	.40
W8448	10689	66 (1st)	.40
W8449	10691	66 (2nd)	.40
W8354	9355	116 (1st)	.40
W8450	9361	116 (2nd)	.40
W8451	6250	200 (1st)	.40
W8452	6254	200 (2nd)	.53
W8453	6119	210 (1st)	.40
W8454	6123	210 (2nd)	.40
W8455	6127	210 (3rd)	.40
W8355	7205	290,300 (1st)	.40
W8356	7230	290,300 (2nd)	.53
W8456	7821	310A, 310B, 330, 390 (1st)	.40
W8457	7812	310A, 310B, 330, 390 (2nd)	.45
W8458	9094	360 (2nd)	.40
W8459	9669	400 (1st)	.40
W8460	10149	460 (1st)	.40
W2452	10263	460 (2nd)	.50
W2452	11014	800 (2nd)	.50
W8462	10843	500 (1st)	.40

W8440 4428 15, 15B, 160 (I.F.-Osc.) \$0.35

W8441 8384 15, 15B, 150 (2nd) .40

W8443 5326 25 (1st) .40

W8444 5327 25 (2nd) .53

W8445 5601 25B (1st) .40

W8446 5602 25B (2nd) .53

W8447 5606 55 (1st) .40

W8448 10689 66 (1st) .40

W8449 10691 66 (2nd) .40

W8354 9355 116 (1st) .40

W8450 9361 116 (2nd) .40

W8451 6250 200 (1st) .40

W8452 6254 200 (2nd) .53

W8453 6119 210 (1st) .40

W8454 6123 210 (2nd) .40

W8455 6127 210 (3rd) .40

W8355 7205 290,300 (1st) .40

W8356 7230 290,300 (2nd) .53

W8456 7821 310A, 310B, 330, 390 (1st) .40

W8457 7812 310A, 310B, 330, 390 (2nd) .45

W8458 9094 360 (2nd) .40

W8459 9669 400 (1st) .40

W8460 10149 460 (1st) .40

W2452 10263 460 (2nd) .50

W2452 11014 800 (2nd) .50

W8462 10843 500 (1st) .40

W8463—Part No. 7187. Primary coil used in models 290, 300, 310, 330, 460, 520, 800.

Your Cost..... **40c**

"Crolite" R. F. Chokes



Wound on a new and highly efficient insulating material known as Crolite. Low distributed capacity. Solder lug terminals.

Stock No.	Millihen.	Your Cost
W10138	2.5	22c
W10139	5	25c
W10140	10	25c
W10141	25	33c

SIX-TUBE A. C. SUPER-HETS

Police and Broadcast Model "6"

Completely Factory Aligned

2 Bands—80-190; 175-550 Meters

For those who desire an occasional watch on the short-wave broadcast, police and amateur bands. A complete coil kit for building a modern receiver with excellent sensitivity and tuning characteristics. Efficient Ferrocart (iron-core) i.f. units are employed. The kit contains 2-band ant., r.f., and oscillator, padding condensers, two intermediate-frequency transformers, three-gang tuning condenser, band change switch and a 4" calibrated airplane dial. Completely aligned at the factory, and furnished with comprehensive plans and instructions. Shipping weight 8 lbs.

W10290—Complete.

Your Cost.....

\$9.12



BROADCAST MODEL "6" KIT

Covers 175 to 550 meters. For the home-builder who is interested only in the broadcast band. Complete kit comprises shielded antenna coil, shielded r.f. coil, shielded oscillator, padding condenser, two Ferrocart (iron-core) i.f. units are employed. The completed receiver employs six tubes, and is a marvel of selectivity and sensitivity. With complete plans. Shipping weight 8 lbs.

W10289—Your Cost Complete

\$6.61

Short-Wave and B'cast Model "6"

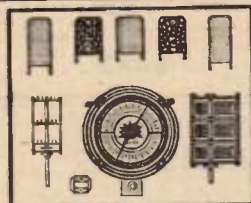
2 Bands; 15-55 and 175 to 550 Meters

Build this modern dual-wave, 6-tube superheterodyne receiver. Kit consists of 2-band ant., r.f., and osc. coils; Ferrocart (iron-core) i.f. units; 3-gang tuning condenser; padders; band-change switch 4" calibrated aeroplane dial and instructions. Shpg. wt. 8 lbs.

W10291—

Your Cost.....

\$9.12



We can supply all additional parts necessary to complete any kit listed on this page. Write for special prices.

4 AND 5 TUBE T.R.F., A.C. KITS

Designed for 110-volt a.c. operation. The 4-tube kit includes shielded antenna and r.f. coils, 2-gang condenser and 3" airplane dial. Wt. 5 lbs.

W10296—With all plans

Your Cost.....

\$2.85

The 5-Tube Kit
Similar in design to the 4-tube kit above, except that an additional r.f. coil is included and a three-gang tuning condenser is used.

W10297—Shipping weight 5 lbs.

Your Cost.....

\$3.67



DUAL WAVE-TRAP



Tunes over-all from 400 kc. to 1750 kc. Set screw adjusts to i.f. interference: 456, 465 or 520 kc., and knob adjusts over the entire broadcast range and down to the police band. Incorporates iron-core unit for increased gain and selectivity. Effective for every point on the dial.

W10014—List \$2.65

Your Cost..... **\$1.55**

R.C.A. WAVE-TRAP



Eliminates or greatly reduces annoying squeals, howls, blasting, cross-talk, etc. Tunes from 435 to 1700 kc. Simple to install on any set. In metal shield can.

W9067—RCA No. 13467

List \$2.65

Your Cost.....

\$1.59

SHIELDED AND UNSHIELDED R. F. CHOKES



Unshielded chokes are lattice wound on insulated cores and have lug terminals. Shielded chokes are housed in cans and have leads that can be brought out from top or bottom. Size of can: 1 1/2" diameter by 1" high.

Unshielded Chokes

Stock No.	Millihen.	Your Cost
W10133	2.5	12c
W10099	6	15c
W10100	8	15c
W10101	16	27c
W10134	30	35c
W10135	60	35c
W10136	80	35c



Shielded Chokes

Stock No.	Millihen.	Your Cost
W10240	2.5	25c
W10241	6	29c
W10242	8	29c
W10243	16	42c
W10244	30	47c
W10245	60	47c
W10246	80	47c

GEN-ERAL MULTI-WAVE ASSEMBLIES

A four-band superheterodyne assembly all assembled and aligned at the factory. Covers 14 to 550 meters when tuned with a 3-gang .00037 mfd. tuning condenser. Consists of antenna, r.f., and oscillator coils all shielded, with changeover switch, trimmers and padders. With 2 hi-gain, 456 kc. i.f. transformers and complete pictorial and schematic wiring diagrams and all instructions. These specifications are so explicit that even the novice is assured of excellent results if care is exercised.

W9875—Complete assembly as described. Wt. 5 lbs.

Your Cost..... **\$9.35**

W9887—As above, less i.f. transformers. Wt. 5 lbs. **\$7.20**



Pie-Wound R. F. Chokes



For use in all types of high frequency receivers and in low power transmitters. Consists of a continuous four pie winding on a genuine Ceramic spool. Extremely low distributed capacity.

Stock No.	Millihen.	Your Cost
W10142	2.5	\$0.29
W10143	5.5	.35
W10144	10	.39
W10149	60	.48

MOUNTED CHOKES

Lattice wound on bakelite bobbins and provided with soldering lugs. Extremely low distributed capacity. In sizes shown below.



Stock No.	Millihen.	Your Cost
W10105	2.2	14c
W10102	5.5	25c
W10104	6	28c
W10001	8	28c
W10000	60	38c



SHORT WAVE and BROADCAST COILS



Special Ribbed Bakelite Coil Forms

Compact type, made of molded Bakelite and provided with rimmed tops for easy grip. $2\frac{1}{2}$ " high, $1\frac{1}{2}$ " diameter. Fit standard sockets. Low-loss, high dielectric strength. Ribbed construction permits air spaced winding, affording maximum efficiency. Six-prong type for three winding coils.

Stock No.	No. of Prongs	Your Cost Each
W9988	4	12^c
W9989	5	
W9990	6	

Shielded R.F. Coils

Provide exceptionally high gain. All coils are matched to each other to insure maximum efficiency. Mounted on aluminum shield can $2\frac{1}{2}$ "x $2\frac{1}{4}$ " high and equipped with threaded spade lugs for mounting. Designed to tune with .000365 mfd. condensers. Furnished with diagrams and instructions. **W10019**—Antenna coil only. **W10020**—R.F. Coil only. **Your Cost Each** Either Type..... **27^c**

FOUR-TUBE KIT

W10092—Set of one antenna and one r.f. coil. **Your Cost**..... **53^c**

FIVE-TUBE KIT

W10087—Set of two r.f. and one antenna coil. **Your Cost**..... **79^c**

Composite Oscillator And I.F. Transformer

Used as combination oscillator and 1st i.f. Eliminates one tube. Top tuning. No padding necessary. Made for special tracking oscillator section of .00036 mfd. condensers. Case 3" by 2" square. Shpg. wt. 3 lbs. **W9997**—176 kc. **W10013**—456 kc. **Your Cost Each**, **\$1.08** Either Type.....

LAMB "QST" Noise Silencer

For Super-Hets



Operates with any superhet having two or more i.f. stages. Uses 3 tubes: 6J7, 6L7, 6H6. Kit form or wired. Chassis 8x2x $\frac{1}{2}$ ". **Less tubes.**

I.F.	Wired	Your Cost	Kit	Your Cost
(kt)	No.		No.	
175	W12698	\$5.75	W12687	\$3.95
456	W12699	5.75	W12686	3.95

DeLuxe Model

Uses additional 6J7 tube. Can be used with any superhet regardless of number of i.f. stages, $9\frac{1}{2}$ "x $3\frac{3}{4}$ "x $5\frac{1}{2}$ ". **Less tubes.**

I.F.	Wired	Your Cost	Kit	Your Cost
(kt)	No.		No.	
175	W12702	\$7.35	W12700	\$5.25
456	W12703	7.35	W12701	5.25

Trutest HIGH GAIN I.F. UNITS

Highly efficient design for use where space is limited. Employs two-in-one trimmer on Isolantite base, adjustable from top of shield can. All leads are RMA color-coded for ease of installation. Size of aluminum shield can is $1\frac{1}{2}$ "x $1\frac{1}{2}$ "x $3\frac{1}{4}$ ". threaded lug mounting. Two bronze springs hold entire unit in the shield, thus facilitating easy removal for rapid servicing. Primary and secondary windings are single-pi wound. **Double tuned Isolantite trimmers.**

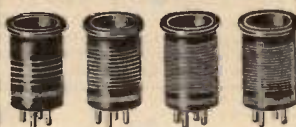


Stock No.	Freq. Kc.	Range Kc.	Set Position
W10021	175	170-180	Input
W10015	175	170-180	Interstage
W10016	175	170-180	Output
W10017	262	250-265	Input
W10018	262	250-265	Interstage
W10025	262	250-265	Output
W10022	456	440-470	Input
W10027	456	440-470	Interstage
W10034	456	440-470	Output
W10024	456	440-470	Output C.T.
W10049	3000	2900-3100	1st or 2nd
W10050	3000	2900-3100	Output

Your Cost Each

69^c
10 for \$6.50

Trutest BAKELITE PLUG-IN COIL KITS



$1\frac{1}{2}$ " diam., $2\frac{1}{4}$ " high. Space wound. For .00014 mfd. condenser.

4-Prong—2 Windings

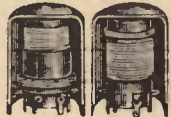
W10040—Kit of 4 coils covering 16-217 meters. **List \$1.65** **Your Cost**..... **85^c**
W10041—Broadcast coils. Two coils, 190-550 meters. **Your Cost**..... **65^c**
W10039—Ultra s.w. coil. 10 to 27 meters. **List 65c** **Your Cost**..... **35^c**

6-Prongs—3 Windings

W10042—Kit of 4 coils covering 16-217 meters. **\$1.35** **Your Cost**..... **85^c**
W10043—Broadcast coils. Two coils, 190-550 meters. **Your Cost**..... **85^c**
W10044—Ultra s.w. coil. 10 to 27 meters. **List 65c** **Your Cost**..... **38^c**

Shielded LITZ Wound

Antenna and R.F. Coils



Cover from 175 to 550 meters. These coils will service over 90% of the receivers on the market at present. All have high impedance primaries for screen grid tubes. Secondaries are Litz wire wound. In round aluminum cans $1\frac{1}{2}$ " in diameter and $2\frac{1}{4}$ " high. Designed for use with .000365 mfd. variable condensers. 6—32 spade bolts for mounting. All furnished with diagram. **W10077**—Antenna Coil. **W10085**—R.F. Coil. **Your Cost, Either Type**..... **31^c**

4-Tube Kit

One antenna and one r.f. coil, with complete instructions and diagram for a four tube receiver. **W10071**—Your Cost..... **60^c**

5-Tube Kit

One antenna and two r.f. coils with complete instructions and diagram for a 5-tube set. **W10073**—Your Cost..... **89^c**

Litz-Wound AC-DC Coils

175-550 Meters Matched high-gain coils furnished unshielded for use in 4-tube t.r.f. receivers. High impedance primaries with 4-bank Litz-wound secondaries. $2\frac{1}{4}$ " long, $\frac{7}{8}$ " diameter. Tunes with .000365 mfd. condenser. Furnished with mounting brackets and diagrams. **W10012**—Antenna Coil. **W10095**—R.F. Coil. **Your Cost Each**..... **32^c**



Four-Tube Kit

W10096—Kit of 2. One antenna and one r.f. **Your Cost**..... **63^c**

TUBE BASE SHORT-WAVE COILS

Wound on Bakelite tube bases with 4 prongs; fit standard sockets. Highly efficient on all waves from 16 to 225 meters. Tunes with either .00014 or .00015 mfd. condenser. Wound with enameled wire and impregnated to avoid loosening. **W9981** Set of four coils **Your Cost, Special**..... **45^c**



HAMMARLUND "XP53" SHORT-WAVE PLUG-IN COILS



Provide maximum signal strength and greatest selectivity on all bands. Precision wound on natural, amber-colored ribbed forms. Flange grips for easy handling, and meter indexes for wavelength inscriptions. $1\frac{1}{2}$ " diameter, $2\frac{1}{4}$ " long, exclusive of prongs. Has shelf for padding condenser. Fit standard sockets.

SWK4—4-PRONG KIT

Kit of four 2-winding coils covering from 17 to 270 meters with 140 mmfd. condenser. **\$1.76** **W9788**—Your Cost

SWK6—6-PRONG KIT

Kit of four 3-winding coils covering from 17 to 270 meters with 140 mmfd. condenser. **\$2.20** **W9789**—Your Cost

Individual 4-Prong Coils

Stock No.	Band-Meters	Net
W8500	10 to 20	59c
W8474	17 to 41	59c
W8475	33 to 75	59c
W8476	66 to 150	44c
W8477	135 to 270	44c
W9790	250 to 560	73c

Individual 6-Prong Coils

Stock No.	Band-Meters	Net
W8501	10 to 20	73c
W8478	17 to 41	73c
W8479	33 to 75	73c
W8480	66 to 150	59c
W8481	135 to 270	59c
W9791	250 to 560	88c

SWF LOW-LOSS COIL FORMS

These forms are made of XP53 dielectric. Their amber color is natural. All forms are grooved and equipped with flange grips for easy handling and meter indexes for wavelength inscription. Size $1\frac{1}{2}$ " diameter, $2\frac{1}{4}$ " long. **W9970**—4-prong **W9971**—5-prong **Ea** **21^c** **W9972**—6-prong **Your Cost Each** **24^c**



HAMMARLUND I. F. TRANSFORMERS

Type "T" Mica Tuned

Lattice wound coils impregnated against moisture. 466 kc. units are Litz wound. Condensers are highest grade mica type on Isolantite base and are adjustable from the top. Shield is $2\frac{1}{4}$ " dia., $3\frac{1}{4}$ " high. Threaded lugs for mounting on 2" centers. With s.g. caps.

Not Tapped	Peaked at	Center Tapped
W8539	175 kc.	W8466
W8540	466 kc.	W8467
W8541	466 kc. beat oscillator.	

Your Cost Each, Any Type..... **85^c**

Variable Coupling I.F. Air-Tuned Transformers

Continuously variable coupling to offer maximum in fidelity or selectivity as you choose. Three-pie Litz windings on Isolantite. Tuning condensers are of the air type; both mounted on side of can. Aluminum shield can is $2\frac{1}{2}$ " by 5" high. Equipped with screen grid cap.

W8537—465 Kc. **W8535**—175 Kc. **\$3.23 ea.**

Type VTC panel control unit for up to 4 i.f.'s. **W8536**—Your Cost..... **\$1.47**



Litz-Wound Air Tuned I.F. Transformers

Retain original settings to within 1/10 of 1%. Exceptional "Q" of 115 with gain of 200 per stage. Beat osc. has lever to obtain 1,000 or 1,500 kc. note. Can $2\frac{1}{4}$ " dia., 5" high. Mount by two screws at bottom of shield. Type ATT. Not Tapped Peaked At Center Tapped

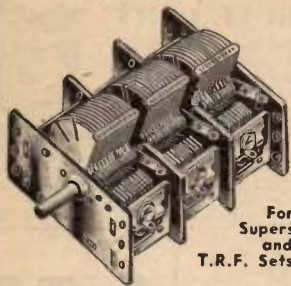
Not Tapped	Peaked At	Center Tapped	Your Cost
W8542	465 Kc.	W8493	\$2.65
W8544	175 Kc.		
W8543	465 Kc. beat freq. oscillator		



Variable Condensers and Knobs



Trutest GANG CONDENSERS



For
Supers
and
T.R.F. Sets

Compact, correctly designed variable condensers for t.r.f. and superhet circuits. All feature heavy aluminum plates, ball bearing rotors and Bakelite insulation. All have low-loss end plates. Two- and three-gang units supplied with trimmers on the side. All have $\frac{1}{4}$ " diameter, $1\frac{1}{4}$ " long shafts; each furnished with a split bushing for $\frac{3}{8}$ " dials. All types available with clockwise and counter clockwise rotation. Size: $1\frac{1}{2}$ " high, $3\frac{1}{2}$ " wide. 1-gang condensers are $1\frac{1}{2}$ " long; 2-gang condensers are $2\frac{1}{2}$ " long; 3-gang condensers are $3\frac{1}{2}$ " long. Average shipping weight 2 lbs.

COUNTER-CLOCKWISE

.000365 Mfd. For T. R. F. Circuits

Stock No.	Gangs	Your Cost
W9710	1	\$0.75
W9711	2	.84
W9712	3	1.23

CLOCKWISE

Stock No.	Gangs	Your Cost
W9720	1	\$0.75
W9721	2	.84
W9722	3	1.23

.00041 Mfd. For T. R. F. Circuits

Stock No.	Gangs	Your Cost
W9732	2	.84
W9733	3	1.23

Stock No.	Gangs	Your Cost
W9734	2	.84
W9735	3	1.23

.000365 Mfd. For 175 Kc. Superhets

Stock No.	Gangs	Your Cost
W9792	2	.84
W9793	3	1.23

Stock No.	Gangs	Your Cost
W9794	2	.84
W9795	3	1.23

.000365 Mfd. For 456 Kc. Superhets

Stock No.	Gangs	Your Cost
W9798	2	.84
W9799	3	1.23

Stock No.	Gangs	Your Cost
W9796	2	.84
W9797	3	1.23

BAKELITE BAR KNOBS



Highly polished Bakelite knobs with arrow pointers. For $\frac{1}{4}$ " shafts; set screw type.

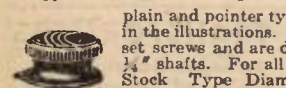
W13055— $2\frac{1}{4}$ " long, $\frac{3}{8}$ " skirt. $1\frac{1}{2}$ " rad. 10 for 70c. Your Cost Each..... 8c

W13053— $1\frac{1}{4}$ " long, $\frac{3}{8}$ " skirt. $\frac{3}{8}$ " rad. 10 for 50c. Your Cost Each..... 6c

POPULAR BAKELITE KNOBS



These popular, hand-some knobs are made of molded Bakelite. Available in plain and pointer types as shown in the illustrations. All have steel set screws and are designed to fit $\frac{1}{4}$ " shafts. For all purposes.



Stock No.	Type	Diam.	In.	Your Cost Each
W9653	K	$1\frac{1}{2}$ "		7c
W9654	L	$1\frac{1}{2}$ "		7c
W9657	M	$1\frac{1}{2}$ "		6c
W9658	N	$1\frac{1}{2}$ "		
W9659	O	$1\frac{1}{2}$ "		
W9656	N	$1\frac{1}{2}$ "		
W9885	O	$1\frac{1}{2}$ "		
W9886	O	$1\frac{1}{2}$ "		

MODERN BAKELITE KNOBS



Similar to those listed above. Have attractive modernistic designs. Of molded Bakelite, with inserts for $\frac{1}{4}$ " shafts; set screw type. Type F is especially designed for use with midget receivers; others for general, all-purpose use.

Stock No.	Type	Diam.	Inches	Your Cost Each	10 For
W9660	F	$1\frac{1}{2}$ "		6c	50c
W9652	G	$1\frac{1}{2}$ "			
W9691	H	$1\frac{1}{2}$ "		5c	40c
W9692	J	$1\frac{1}{2}$ "			

Midget Variable Condensers

Non-corrosive aluminum plates, Bakelite insulation, single-hole mounting, $\frac{1}{4}$ " brass shaft. Ideal for short-wave receivers and small x'mitters.

Stock No.	Cap. Mmfd.	No. Plates	Your Cost
W9724	3	15	35c
W9728	4	30	38c
W9729	5	40	40c
W9731	6	80	45c
W9727	7	100	48c
W9714	8	140	57c

Double-Spaced Condensers

Stock No.	Cap. Mmfd.	No. Plates	Your Cost
W9706	4	35	58c
W9707	5	50	68c

WOOD KNOBS

Modern beauties for all types of receivers, test instruments, etc. Steel set screws; all for $\frac{1}{4}$ " shafts. Type C is black with chromium inlay, types A and B are of two tone construction. All with brass inserts.



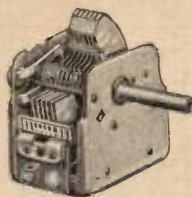
STANDARD PILOT LIGHT SOCKETS



Type A is the adjustable bracket type; type B rubber grommet type; C is the up-clip type; D is the down-clip type; E is the bayonet type.

Type	Your Cost Each
W6510—Type A	
W6511—Type B	
W6512—Type C	
W6513—Type D	
W6514—Type E	

Compact Single Condensers



Heavy aluminum plates with brass supports; $\frac{1}{4}$ " brass shaft extends $1\frac{1}{2}$ "; ball-bearing rotors; end stop; counter-clockwise rotation. Overall: $1\frac{1}{2}$ " high, $1\frac{1}{2}$ " deep, $2\frac{1}{4}$ " wide. Supplied less trimmers. Shpg. wt. 1 lb.

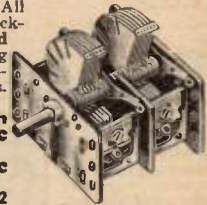
Stock No.	Cap. Mfd.	Your Cost Each
W9762	.0001	
W9763	.00014	
W9764	.00025	
W9765	.000365	

56c

Trutest SHORT-WAVE CONDENSERS

Single and multiple gang variable condensers of the low shield type. Designed for use with all types of short-wave receivers. Have heavy aluminum plates and ball bearing rotors. All units shown in the listing have counter-clockwise rotation. Shafts are $\frac{1}{4}$ " in diameter and extend $1\frac{1}{4}$ " from panel. Size of units: 1-gang— $3\frac{1}{2}$ "x $1\frac{1}{2}$ "x $1\frac{1}{2}$ "; 2-gang— $3\frac{1}{2}$ "x $1\frac{1}{2}$ "x $2\frac{1}{2}$ "; 3-gang— $3\frac{1}{2}$ "x $2\frac{1}{2}$ "x $1\frac{1}{2}$ ". Supplied with trimmers.

Stock No.	Cap. Mfd.	Gangs	Your Cost Each
W9716	.00015	1	75c
W9717	.00025	1	85c
W9718	.0001	2	\$1.32
W9719	.00015	2	
W9766	.00014	3	



MIDGET TRIMMERS

These extremely compact trimmers are mounted on Bakelite strips and are ideal for use in shortwave sets. 3 to 30 mmfd.

W9775—Your Cost Each..... 6c

DUAL MIDGET TRIMMERS

Same as above, but consist of two trimmers mounted on a single Bakelite strip. Capacitance, 3 to 30 mmfd. each

W9776—Your Cost Each..... 12c

JEWELLED PILOT LIGHT BRACKETS



Excellent indicators for all types of circuits.

W6432—Red W6433—Green

W6434—Amber

Your Cost Each..... 15c

Same as above, but with a candelabra base

W6426—Red W6427—Green

Your Cost Each..... 20c

Pilot Light Jewels Only

W6429—Red W6430—Green

W6431—Amber

Your Cost Each..... 10c

SHAFT COUPLINGS, BUSHINGS, FITTINGS AND SHAFTING

For Dials,

Volume Controls,

Variable

Condensers



Couplings for connecting two or more condensers, rheostats, switches, etc., in tandem. Extenders for lengthening shafts of same. All accurately machined to exact size as specified. 6-32 machine screws used on all couplings and extenders. All types available in brass or insulating material.

Size Inches	Fig. No.	Purpose	Stock No.	Brass
$\frac{1}{4}$ "x $\frac{1}{4}$ "	A	Coupling	W15014	W15000
$\frac{1}{4}$ "x $\frac{1}{4}$ "	A	Coupling	W15006	W15001
$\frac{1}{4}$ "x $\frac{1}{4}$ "	A	Coupling	W15008	W15002
$\frac{1}{4}$ "x $\frac{1}{4}$ "	B	Extender	W15017	W15004
$\frac{1}{4}$ "x $\frac{1}{4}$ "	B	Extender	W15018	W15005
$\frac{1}{4}$ "x $\frac{1}{4}$ "	B	Extender	W15009	W15003
10 for.....				85c
100 for.....				\$8.25

Your Cost Each, Any Type..... 9c

SPLIT BUSHING

Fig. C. For increasing shaft diam. from $\frac{1}{4}$ " to $\frac{1}{2}$ ". Brass, $\frac{1}{4}$ " long.

10 for..... 35c

W9730—Your Cost Each..... 5c

FIBRE AND BRASS SHAFTING

Full length, and straight, $\frac{1}{4}$ " diameter.

W15010—Brass 6" long. Your Cost..... 10c

W15011—Fibre 6" long. Your Cost..... 10c

W15012—Brass 12" long. Your Cost..... 19c

W15013—Fibre 12" long. Your Cost..... 19c

DIALS

NEW TWO-SPEED "BAND-SPREAD" AIRPLANE DIAL



condensers. Shpg. wt. 2 lbs.
W14221—Your Cost Each.....

No finer dial could be desired for short-wave receivers—has both a dual pointer and a "second-hand." The band spread ratio is 36 to 1, making hair-line tuning a comparatively simple procedure. In addition to the band-spread feature, this dial has a two-speed tuning control. Normal dial to condenser ratio is 24 to 1; slow speed ratio is 125 to 1. Diameter 3 1/4". For both 1/4" and 3/8" condenser shafts. Furnished with 2 pilot light sockets, bronze escutcheon plate and double knob. For Clockwise

\$2.25

SPECIAL AIRPLANE DIAL

A highly attractive full-vision airplane dial at an exceptionally low price. Has a 2 1/2" diameter dial protected by a glass lens. Ratio 5 to 1 in 360 degrees. Double edged pointer covers both scales; easy to read. Upper scale graduated from 550 to 1600 kc.; lower scale calibrated from 0 to 100. Takes 1/4" or 3/8" condenser shafts. Ideal for dual wave sets (combination short wave and broadcast). Comes complete with two pilot light sockets and a 3/4" bronze finished bezel. Shipping weight 1 lb.

W9912—For Clockwise Condensers
W9911—For Counter-clockwise Condensers
Your Cost Each, Either Type.....



56¢

CROWE 4-BAND AIRPLANE DIAL



An attractive, large sized airplane dial especially designed for use with all-wave receivers. Scale is calibrated in four bands as follows: 550-1500 kc. (broadcast), 1500-4000 kc. 4-10 mc., and 9-23 mc. Double ended knife edge pointer covers all calibrations—easy to read. Scale diam. 4". Fits 1/4" and 3/8" condenser shafts. Knob shaft 1/4" diameter. Tuning ratio 7 to 1 in 180 degrees. Complete with bronze finished escutcheon 4 1/4" in diameter, in a neat design. Shpg. wt. 2 lbs.

W9879—For clockwise condensers.
Your Cost, **\$1.85**
Each.....

All dials listed on this page, except the Kurz-Kasch, are supplied with a split bushing that permits their use with both 1/4" and 3/8" condenser shafts.

PHOSPHOR BRONZE DIAL CABLE



Finest phosphor bronze cable. 42 strand type made up of individual strands wound over a linen core. Provides maximum strength with minimum of stretch. 16 strand cable is closely braided.

Stock No.	Strand	Your Cost	Stock No.	Strand	Your Cost
W9933	5	\$0.20	W9936	5	\$0.06
W9934	25	.74	W9937	25	.22
W9935	50	1.39	W9938	50	.36
W9872	100	2.50	W9881	100	.59

LINEN DIAL CABLE

Stock No.	Strand	Your Cost	Stock No.	Strand	Your Cost
W9939	5	\$0.20	W9940	25	.75
W9940	25	.75	W9941	50	1.45
W9941	50	1.45	W9882	100	2.65

DRIVE CABLES—BANDS—BELTS



Only the more popular types are shown. We can supply any cable, band or belt on order, at the lowest prices.

Make of Set	Model	Stock No.	Net
Atwater Kent	35, 37	W9822	\$0.15
Atwater Kent	44	W9823	.24
Atwater Kent	46	W9920	.15
Bosch	48A	W9826	.15
Bosch	58, 60	W9828	.15
Brunswick	15, 22 Front	W9921	.24
Brunswick	15, 22 Rear	W9922	.24
Colonial	31, 32	W9833	.25
General Motors	All	W9923	.24
Kolster*	6J	W9844	.30
Kolster	43, 44	W9845	.12
Majestic No. 1	70, 71, 72	W9847	.09
Majestic No. 2	70, 71, 72	W9848	.13
Majestic	52, 60	W9925	.13
Philco	71	W9927	.13
Philco	91	W9928	.18
RCA	46, 64, 67	W9852	.12
RCA	16, 17, 18, 33	W9853	.18
Spartan	All	W9854	.18
Steinitz	All	W9855	.18

* Heavy cord with heads on ends; springs.
† Linen cord.

NEW WOVEN BELTS

3-ply canvas and 2-ply rubber belting.	Make and Model	Stock No.
Crowe	All Models	W9409
Grunow	573, 631, 643, 723, 731, 733, 735, 711	W9401
Grunow	823, 831, 833, 835, 941	W9402
Grunow	1191	W9403
Silvertone	1930, 1940, 1956, 1970	W9404
Silvertone	7170, 1941, 1981	W9405
Zenith	6529, 6536, 980	W9406
Zenith	920, 975	W9407
Zenith	985, 990	W9408
Your Cost Each, Any of the Above Types.....		15¢

NEW LARGE AIRPLANE DIALS

Multi-Colored Dial Scales

Calibrated in 3 different colored bands. For 1/4" and 3/8" shafts. With two pilot light sockets and bronze finished escutcheon. For Counter-clockwise condensers.



4 1/4" Diameter Dial
Calibrated: 55 to 160 (broadcast, add zero for kc. equivalent); 0 to 100 for short-waves; 1 to 12 special logging dial. Shpg. wt. 2 lbs.
W9889—Your Cost, **\$1.19**
Each.....

6" Diameter Dial
Calibrated: 550 to 1600 kc., 1700 to 5000 kc., 5.3 to 15 mc. Shpg. wt. 2 lbs.
W9890—Your Cost, **\$1.75**
Each.....

"GIANT" AIRPLANE DIAL

Has 5" full-vision dial and double knife-edge pointer. Glass lens. Calibrated in 3 bands: 520-1600 kc.; 1500-4600 kc.; 5.8-15.8 mc. Last scale also calibrated in meters and word descriptions. Ratio 5 1/2:1 in 180°. Has 1/4" shaft and positive friction grip drive, 2 pilot light sockets and 6" bronze escutcheon. Takes either 1/4" or 3/8" shafts. Shpg. wt. 2 lbs.



W9906—For clockwise condensers.
W9907—For counter-clockwise condensers.
Your Cost, **\$1.47**
Either Type.....

Friction Drive Rubbers



Eight different types for popular receivers, including Atwater-Kent, R. C. A., Stewart-Warner, etc. Kit of 24 rubbers.
W9400—Your Cost... **88¢**

Airplane Dials 6 to 1 Ratio

Two scales on a translucent dial; one scale calibrated from 0 to 100. The other scale from 100 to 0. Knife edge pointer covers entire scale. For 1/4" and 3/8" shafts. With escutcheon. Diameter of scale 3 1/4".
W9818—For clockwise condensers
W9819—For counter-clockwise cond... **98¢**



AIRPLANE DIALS

Attractive globe design on dial face. Brown figures on buff colored dial. Positive friction drive—no backlash. Has two pilot bulb sockets. Bronze finished escutcheon. Fits both 1/4" and 3/8" shafts. Black double ended pointer. Scales calibrated 0-100 (upper) and 100-0 (lower). Shpg. wt. 2 lbs. For Counter-clockwise Condensers.



Stock No.	Diam.	Ratio	Your Cost
W14150	2 1/2"	6 1/2 to 1	\$.70
W14161	3 1/2"	8 1/2 to 1	.79
W14152	3 1/2"	10 to 1	1.10
W14153	4 1/2"	12 to 1	1.39

Modern 3-Band Airplane Dial



This attractive modernistic dial will dress up any receiver. Scale supplied is calibrated for 3 bands, 550 to 1700 kc., 1.75 to 5 mc., 5 to 20 mc. Bands clearly marked and all scales easily and directly read. Ratio 12:1 in 180°, diameter 3 1/4". For use with both 1/4" and 3/8" condenser shafts. No necessity for special cabinet cutout—will fit standard 3 1/4" round opening. Has a positive friction drive that will not slip. Complete with bronze escutcheon. Shpg. wt. 1 lb.
W9908—For clockwise condensers
W9910—For counter-clockwise cond... **95¢**
Your Cost, Either Type.....

Kurz-Kasch Dials

Made of molded Bakelite. Requires only one hole for condenser shaft and two small holes to secure dial to panel. Dial ratio 8 to 1. No backlash. Fits 1/4" shaft. Indicates for counter-clockwise condensers. Shpg. wt. 1 lb.



Stock No.	Calibration	Size	Your Cost Each
W9806	0-100-0	3"	38¢
W9803	200-0*	4"	
W9804	0-200*	4"	45¢
W9805	100-0-100	4"	

MIDGET DIAL

Unbreakable lens; 1/4" shaft; takes 3/8" or 1/4" condenser; 2 bands: 530-1610 kc., 1.5-4.2 mc.; pilot lite socket; rectangular window 2 1/4 x 1 1/4"; with escutcheon; shpg. wt. 1 lb. For clockwise condensers.
W9905—Your Cost..... **65¢**



Voltage REGULATORS — RECTIFIERS and SPECIAL BULBS



GENUINE MAZDA PILOT LITE BULBS

These are genuine GE bulbs of American manufacture. They are used for radio dial illumination, as indicators in test instruments, etc. Shpg. wt. 8 oz. per carton of ten. This list fills every radio need.

Stock No.	Type	Volts	Amp.	Each	For Ten
W12250	41	2.5	0.5	9c	54c
W12251	42	3.2	.35	12c	71c
W12252	46	6.3	.25	9c	54c
W12249	44†	6.3	.25	9c	54c
W12254	40*	6.3	.15	9c	54c

***"Brown bead" type for a.c.-d.c. sets. Indicates miniature bayonet base.

Air Cell Bulb. Tubular bulb, miniature base. Exceedingly low drain, 0.06 ampere, at 2 volts. Aircell types.

W12274—Carton of 10, \$1.18
Your Cost Each **20c**

VICTOR-MAZDA Pilot Bulb

Intermediate base, frosted bulb. 110 volts. For use in Colonial, Victor and other receivers.

W12253—Carton of 10, \$1.65
Your Cost Each **17c**

Special Auto Radio Bulbs

Round bulb, miniature base. 6-8 volts at 0.15 ampere. Mazda type No. 50.

W12273—Carton of 10, 59c
Your Cost Each **10c**

DIAL LIGHT COLORING



Kit of 4 colors, red, green, blue and amber, and bottle of solvent. Each in screw-top, wide-mouth bottle for easy dipping. Dries in 1 minute. Color is permanent. A money-saver.

W15185—Your Cost Per Kit **29c**



Genuine Tungar Bulbs



Used in battery chargers, "A" eliminators, etc. They can be used in place of Rectigon bulbs of equal rating. Tested.

Stock No.	Type	Rating	Your Cost Each
W21900	A	.6 ampere	
W21901	B	2 amps. new	\$2.90
W21902	C	2 amps. old	
W21903	D	6 amperes	\$5.14
W21911	D	15 amperes	\$9.55

TUNGAR-TYPE BULBS

W21905—0.6 amp. bulb for trickle chargers. Shpg. wt. 1 lb.

Your Cost Each **\$1.89**

W21906—2-amp. bulb with tip. Your Cost Each **\$1.89**

W21907—2-amp. bulb without tip. Your Cost Each **\$1.89**

W21908—6-ampere bulb. Your Cost Each **\$3.75**

RCA Rectifier Unit

Output 100 volts, d.c. at 100 ma. from 110 volts, a.c. input. Genuine RCA Part No. 5898.

W19206—
Your Cost Per Pair **\$6.00**
Single Units, Each **\$3.00**



NEON GLOW LAMPS

Used extensively in test instruments such as leakage testers, high resistance indicators, short testers, continuity testers, etc. Draw a negligible amount of current. Are extremely sensitive. Glow with a brilliant orange-red radiance. On d.c. only one electrode glows (the negative), but gives as much illumination as do both electrodes on a.c. All operate on 105-125 volts a.c. or d.c. except the 1/2 watt types which operate on a.c. only (this voltage is the minimum striking voltage). Minimum operating volts (approx.); on a.c.—60 volts; on d.c.—100 volts.

STANDARD EDISON BASE

Stock No.	Type No.	Finish	Watts	Your Cost Each
W12265	G10	Clear	1/2	36c
W12266	G10	Clear	1	36c
W12267	S14	Clear	2	45c
W12262	S14	Red	2	45c
W12263	S14	Yellow	2	45c
W12276	S14	Clear	3	54c

CANDELABRA BASE

W12264	T4 1/2	Clear	1/2	36c
W12277	G10	Clear	1	41c
W12278	G10	Clear	1	41c

PORCELAIN RECEPTACLES For Neon Glow Lamps

W13331—Candelabra base. W13330—Miniature. Either Size, Each **7c**
W13327—Standard base. Your Cost Each **9c**

LINE BALLASTS



Line voltage may fluctuate from 95 to 135 volts but these ballasts will maintain constant voltage into receiver or amplifier designed for their use. If desired replacement is not listed, give complete details with remittance and we will ship at once. Shipping weight 2 lbs.

Stock No.	Replacement For	Your Cost Each
W6805	Brunswick	
W6806	Clarion	
W6808	Grobe	
W6816	Majestic 70	\$1.10
W6817	Majestic 72	
W6818	Majestic 80	
W6819	Majestic 90	
W6805	Sonora	
W6823	Stewart-Warner 900	
W6824	Stewart-Warner 950	
W6825	Stewart-Warner R.00	

Automatic Line Voltage Control

A dependable voltage regulator. Small, neat, compact. Fits any standard outlet. For all A.C. sets up to 9 tubes. Steel clad, air-cooled. Shipping weight 1 lb. W16955—List \$1.25
Your Cost **30c**

Line Voltage Regulator



For a.c. sets. Rheostat for adjustment of line voltage to exactly 110 volts. Meter, constantly in line. Saves tubes, parts. Wt. 3 lbs.

W11021—List \$7.00. **\$4.12**
Your Cost Each

AMPERITE, A.C.-D.C. Resistor Tubes



Seventeen types replace practically all A.C.-D.C. resistor tubes now in use. Refer to replacement listings for types replaced by Amperite tubes.

Types 6B, BF40, 50A2, 50B2, 3ER-248, 60R-30G, 878R48 and 165R4 replace other tubes with the same designations only.

Stock No.	Type	Amp.	Stock No.	Type	Amp.
W12232	KL-45		W12241	50A2	
W12233	KL-25		W12242	50B2	
W12234	KL-75		W12243	6B	
W12235	KL-25H		W12244	BF40	
W12236	KL-50H		W12245	3ER-248	
W12237	KL-75H		W12246	60R-30G	
W12238	4P-45		W12247	878R48	
W12239	3-40		W12248	165R4	
W12240	50-AB				

Your Cost Each, Any Above Type **59c**

Replaces All A.C.-D.C. Ballasts

Amp. Type	Beginning With Letters	Ending With Letters	Numbers From
KL-45	K,L,M or BK	A,B,C or D	36 to 67
KL-25	K,L,M or BK	A,B,C or D	10 to 36
KL-75	K,L,M or BK	A,B,C or D	67 to 105
KL-25H	K,L,M or BK	F,G or H	11 to 26
KL-50H	K,L,M or BK	F,G or H	36 to 67
KL-75H	K,L,M or BK	F,G or H	67 to 105

Type 4P-45—4-Prong

Replaces the following types:	LX42D	LX49C	KX55D
140R4	140L44	KX42B	LX55B
140R8	50X3T	KX42C	LX55C
140R44	165R8	KX42D	LX55C
140L4	165R44	LX42B	LX55B
140L8	165L4	LX42C	KX55C

Type 50-AB—Octal Base

Replaces the following types:	24B2	42A2	49B2	55B2
24B2	42A2	49B2	55B2	
24B2	42A1	49A1	55A1	
24B2	42A1	49A2	55A2	

Line Cord Resistors

W5241—360 ohms. 2-tube sets.
W5242—310 ohms. For 4-tube sets using a 6-volt rectifier.
W5329—280 ohms. For 4-tube sets using a 12-volt rectifier.
W5330—200 ohms. For 4-tube sets using a 25-volt rectifier.
W5331—160 ohms. 5-tube sets.
W5332—150 ohms. 6-tube sets.
Your Cost Each Any Type **30c**

Type 3-40—4-Prong

Replaces the following types:	5B	140R	185R	KX49A
5B	140R	185R	KX42A	KX55A
50X3				

220-Volt To 110-Volt Line Cord Resistors

For any set up to 7 tubes. American cord equipped with standard male plug and female receptacle; European type resistor cord has foreign plug and standard receptacle.
W5243—Standard **65c**
W5244—Foreign each

AMPERITE Voltage Regulator Tubes



Keep input voltage to receiver or amplifier constant, resulting in uniform reception and minimizing possibility of overloading resistors and condensers. Excellent money-making item for servicemen—is easily installed on any a.c. receiver using socket listed below. Specify type desired when ordering from listing below.

General Purpose AMPERITES for 110 volt A.C. Receivers

W19100—No. of Tubes in Set	Use Amperite	Your Cost Each
4-5	5-A-5	
6-7	7-A-5	\$1.25
8-9-10	9-A-5	
11-12	11-A-5	

AMPERITE Socket

For use with any of the above. W19101—
Your Cost Each **15c**

Automatic Volt. Control

Protects and prolongs life of tubes and parts. Works on a.c. or d.c. Action is automatic—needs no attention. Shpg. wt. 8 ounces. W12619—For sets up to 6 tubes. W12620—For more than 6 tubes. Your Cost, Either Size **49c**

Line Voltage Reducer 220 Volts to 110 Volts



Reduces 220 volts to 110 volts, a.c. or d.c. Just plug into outlet. Handles up to 60 watts. W12621—List \$1.50. **88c**
Your Cost



Sockets



CLIP-TITE RADIO TUBE SOCKETS



BAKELITE AND STEATITE CONSTRUCTION



Sturdily constructed sockets of novel design. Equipped with long contacts which grip the tube pins firmly. The socket proper mounts in a special steel adapter plate in which it is held in place by a locking ring. Slotted mounting holes permit replacing any socket having from 1½ to 2" mounting centers. Bakelite sockets for standard radio work; Steatite sockets especially well suited for high frequency apparatus.

BAKELITE		
Stock No.	Prongs	Your Cost Each
W13057	Four	7^c
W13058	Five	
W13059	Six	
W13061	7, small	10 for 65c
W13060	7, large	
W13050	8, octal	9c 10 for 85c

STEATITE		
Stock No.	Prongs	Your Cost Ea.
W13194	Four	24^c
W13195	Five	
W13196	Six	
W13197	7, small	10 for \$2.25
W13198	7, large	29^c 10 for \$2.75
W13199	8, octal	

SUB-PANEL WAFER SOCKETS FOR GLASS AND METAL TUBES



Sturdily made wafer tube sockets constructed of laminated Bakelite. Completely insulated top. Self-aligning, floating one-piece contacts, cadmium plated. Midget sockets have 1½" mounting centers; standard size sockets have 1½" mounting centers. Octal socket (midget) fits all metal and metal-glass tubes. These sockets are ideal for general replacement purposes or for the new set. Every serviceman and dealer should keep a stock—they are priced exceptionally low. Supplied without markings.

Standard Size			Midget Size		
Stock No.	Prongs	Your Cost Each	Stock No.	Prongs	Your Cost For
W13070	Four	5^c	W13114	Four	5^c 45 ^c
W13078	Five		W13115	Five	
W13071	Six		W13121	Six	
W13069	7, small	45c	W13122	7, small	6^c 55 ^c
W13074	7, large		W13125	7, large	
10 For			W13127	8, octal	

No. 12 EBY Sockets



Molded Bakelite. For sub-panel or top of panel mounting. Sturdily constructed.

Stock No.	Prongs	Your Cost Each
W13072	4	18^c
W13073	5	
W13076	6	24^c
W13077	7 L & S	
W13079	8 Octal	26c

Bakelite Combination Base or Panel Mount Sockets

Molded of black Bakelite. Phosphor bronze contacts. Top is grooved.



Stock No.	Prongs	Your Cost Each	10 For
W13090	4	14c	\$1.30
W13091	5	15c	1.40
W13092	6	15c	1.40
W13093	7, small	19c	\$1.80
W13094	7, large		
W13080	8, octal	23c	2.10

Combination Sockets

W13095—Comb. 4, 5, 6 prong.
W13096—Comb. 5, 6, small 7 prong.
Your Cost Each, Either Type. **25^c**

NA-ALD BASE MOUNT Sockets



For bread-board mounting. Of molded Bakelite with binding post terminals. All connections plainly marked. 1½" centers.

Stock No.	Prongs	Stock No.	Prongs
W11692	4	W11695	7 small
W11693	5	W11696	7 large
W11694	6		

Your Cost Each, Any Type. **21^c**

Bakelite Speaker Plugs



With Sure Grip Handles



Female Stock No.	Prongs	Your Cost	Male Stock No.	Prongs	Your Cost
W11528	4	24c	W11532	4	18c
W11529	5		W11533	5	
W11673	6		W11678	6	
W11674	7 L	7 S	W11679	7	W11680
W11675	7 S		W11680	7	
W11676	8		W11672	8	

ISOTEX Sockets



Low loss. Top and sides glazed. Reinforced springs. 2½" long, 1½" wide. Centers 1 7/8".

Stock No.	Prongs	Your Cost Each
W13064	4	25^c
W13065	5	
W13066	6	
W13067	7 S	10 for \$2.35
W13068	8 octal	

Mycalex H. F. Tube Sockets

For high frequency transmitters. All prongs are plated and rigidly riveted.



Stock No.	Prongs	Your Cost Each
W13116	4 Prong	48^c
W13117	5 Prong	
W13118	6 Prong	
W13119	7 Prong, small	10 for \$2.35
W13120	7 Prong, large	

Octal Base Speaker Plug

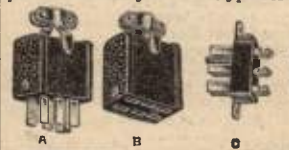
One piece construction. Molded locator pin simplifies plugging into any octal socket. Each conductor protected with molded insulation. W11751—Your Cost. **9^c**

3-Prong Battery Plugs

One-piece molded construction. Prevents shorts. Silver plated prongs. For socket type batteries. W11648—For "C" batt. W11649—For "B" batt. Your Cost Each. **6^c**

Heavy Duty Plugs and Sockets

A series of heavy-duty multiple contact plugs and sockets made of molded Bakelite with heavily armored metal caps. Excellent for use with portable P.A. systems. Types A and B have metal cable clamps.



Plug—Type A	Socket—Type B
Stock No.	Stock No.
W12400	40c
W12401	50c
W12402	61c
W12403	71c
W12404	81c
W12405	91c

HAMMARLUND Isolantite Sockets

Glazed top and sides, rust proof contacts. 2½" long, 1½" wide.



Stock No.	Prongs	Your Cost Each
W8496	4	35^c
W8497	5	
W8498	6	
W8532	8 octal	44c

NATIONAL Isolantite Sockets

These Isolantite sockets reduce losses to a minimum. Suitable for either standard sub-panel or base-board mounting.



Stock No.	Prongs	Your Cost Each
W14425	4	36^c
W14426	5	
W14427	6	
W14428	Special 6-prong type for National coils	

Plug and Socket Cable Connectors



Molded connectors designed to fit the standard tube sockets. Removable caps.

Stock No.	Prongs	Your Cost Each
W11666	4	9c
W11667	5	12c
W11668	6	15^c
W11670	7 S	
W11669	7 L	
W11671	8 octal	18c

AMPHENOL Cable Connectors



Steel-clad connectors, male and female, for all types of work. Perfect insulation. Male end has long prongs that are firmly gripped by the spring contacts in the female end. Have rubber grommets in ends to protect cable. Finished in japanned black. 1¼" diameter, 1¼" long. Ideal for P.A., theatre, radio, etc., work.

Male Connectors

Stock No.	Prongs	Your Cost Each
W11471	4	15^c
W11472	5	
W11473	6	
W11474	7 S	135c

Female Connectors

Stock No.	Prongs	Your Cost Each
W11475	4	15^c
W11476	5	
W11477	6	
W11478	7 S	135c

Locking Metal Sleeve Connectors

Designed to fit over the male and female connectors shown above. Cadmium plated steel, threaded so that they lock together. Diameter overall 1½", length 2½". W11479—Your Cost, Per Pair. **15^c**

Rubber Capped Male and Female Plugs

Molded rubber. Standard socket arrangement of holes and prongs. Ideal for outdoor use. Handles 1" long.

Male Stock No.	Prongs	Your Cost	Female Stock No.	Prongs	Your Cost
W11705	21c	4	W11710	27c	
W11706	21c	5	W11711	30c	
W11707	24c	6	W11712	32c	
W11708	24c	7 S	W11713	32c	

Two-Piece Connectors

Moulded bakelite shells. Standard tube socket connections. Prices for two-piece connector. W11697—4 Circuit. Your Cost Each. 12c 10 for \$1.10 W11698—5 Circuit W11699—6 Circuit

YAXLEY RADIO PRODUCTS

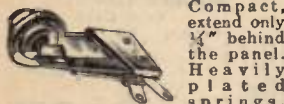
YAXLEY Midget Jacks

Extremely compact. Mount in $\frac{3}{8}$ " hole. Type A-1 "Infant" jack is not illustrated.



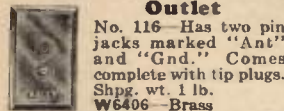
Stock No.	No.	Type	Your Cost
W6182	A-1	Open Circuit	15c
W6183	A-2	Circuit Closing	23c
W6184	A-2A	Two Circuit	29c
W6185	A-3A	Cir. Reversing	35c

YAXLEY Junior Jacks



No.	Type	Your Cost
W6401	Open Circuit	23c
W6450	Your Cost	
W6451	No. 702. Circuit closing.	
W6435	No. 702B. Three circuit microphone.	32c
W6452	Your Cost	
No. 703	Single circuit filament control.	38c
W6452	Your Cost	
No. 704.	Interstage.	44c
W6453	Your Cost	
No. 706.	Interstage filament control.	56c
W6448	Your Cost	

YAXLEY Radio Convenience Outlets Antenna and Ground Outlet



No. 116—Has two pin jacks marked "Ant" and "Gnd." Comes complete with tip plugs. Shpg. wt. 1 lb. W6406—Brass

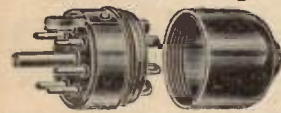
W6407—Bakelite Your Cost Each 41c

Aerial, Ground and Duplex A.C.

No. 216—Has two pin tip jacks and two a.c. receptacles. With two tip plugs. Shpg. wt. 1 lb. List \$1.10

W6414—Brass Your Cost Each 65c

YAXLEY Pin Plugs



Bakelite insulation, polarized plugs. Positive spring contacts.

W6375—No. 635. 7-prong male.

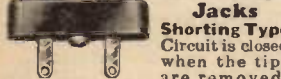
W6379—No. 645. 7-prong female.

Your Cost, Either Type 59c

W6376—No. 625. 12-prong male.

W6380—No. 615. 12-prong female.

Your Cost, Either Type 73c



Molded Twin Tip Jacks

Shorting Type Circuit is closed when the tips are removed.

Red or Black. Specify color. No. 432—S.P.D.T. W13035—Yout Cost 18c

Midget Jack Switches

Require little space. With knob, pointer and on-off plate. $\frac{1}{4}$ " hole mount.

No. 10—S.P.S.T. W6446 Your Cost 29c

No. 11—S.P.D.T. W6447—Your Cost 38c

YAXLEY Gang Switches

Contact members are heavily silver plated, and given a smooth hard finish. Contact shoe, of the self-cleaning type is of pure silver. All switches are provided with one permanent stop and one adjustable stop, thus a single switch may be used as a 2, 3, 4, 5, 6 (up to 11), point switch by simply adjusting the stop on front of switch to number of points required. Bushings $\frac{1}{8}$ " and extend $\frac{1}{4}$ ". Pointer type, bakelite knob supplied.



SINGLE GANG SWITCHES

Shorting Stock No.	Non Shorting Stock No.	Circuits	Points	Your Cost Each
W6247	W6263	1 Circuit.	1 to 6 points.....	\$0.59
W6248	W6264	1 Circuit.	1 to 11 points.....	.68
W6249	W6265	2 Circuit.	1 to 5 points each.....	.73
W6250	W6266	3 Circuit.	1 to 3 points each.....	.79
W6251	W6267	4 Circuit.	1 to 2 points each.....	.85

TWO GANG SWITCHES

Shorting Stock No.	Non Shorting Stock No.	Circuits	Points	Your Cost Each
W6252	W6268	2 Circuit.	1 to 6 points each.....	.94
W6253	W6269	2 Circuit.	1 to 11 points each.....	1.03
W6254	W6270	4 Circuit.	1 to 5 points each.....	1.18
W6255	W6271	6 Circuit.	1 to 3 points each.....	1.23
W6256	W6272	8 Circuit.	1 to 2 points each.....	1.32

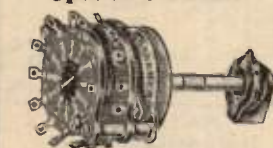
THREE GANG SWITCHES

Shorting Stock No.	Non Shorting Stock No.	Circuits	Points	Your Cost Each
W6257	W6273	3 Circuit.	1 to 6 points each.....	1.29
W6258	W6274	3 Circuit.	1 to 11 points each.....	1.38
W6259	W6275	6 Circuit.	1 to 5 points each.....	1.47

FOUR GANG SWITCHES

Shorting Stock No.	Non Shorting Stock No.	Circuits	Points	Your Cost Each
W6260	W6276	4 Circuit.	1 to 6 points each.....	1.62
W6261	W6277	4 Circuit.	1 to 11 points each.....	1.76
W6262	W6278	8 Circuit.	1 to 5 points each.....	2.06

Special Switches



No. 1400L—Circuit Opening. For testers and analyzers. 12 positions; opens one at a time. $1\frac{1}{2} \times 2\frac{1}{2} \times \frac{3}{8}$ " bushing. 2" notched shaft. With knob and dial plate. Shpg. wt. 2 lbs. List \$4.50

W6370—Your Cost \$2.65

No. 13124—24-Point Tap Switch. Non-shorting type. Notched shaft. With knob and dial plate. Shpg. wt. 2 lbs. List \$3.25

W6371—Your Cost \$1.91

YAXLEY Junior Jack Switches



Furnished complete with black knob; on-off plate. Mounts in $\frac{1}{4}$ " hole, up to $\frac{1}{4}$ " thick, $\frac{1}{4}$ " deep.

Two Position Switches

Stock No.	Part No.	Type	Your Cost
W6471	730	S.P.D.T.	\$0.50
W6472	740	D.P.S.T.	.56
W6473	745	5-Spring	.65
W6474	760	D.P.D.T.	.73
W6475	733	3-P.S.T.	.73
W6469	744	4-P.S.T.	.94

Three-Position Switches (Center Position Off)

Stock No.	Part No.	Type	Your Cost
W6440	732	S.P.D.T.	.50
W6441	762	D.P.D.T.	.70
W6442	768	3-P.D.T.	.91
W6443	764	4-P.D.T.	1.15

Insulated Tip Jack

No. 420—Bakelite. Phone tips nest all the way in jack. Mount in a $\frac{1}{4}$ " hole. W6505—Red W6506—Black

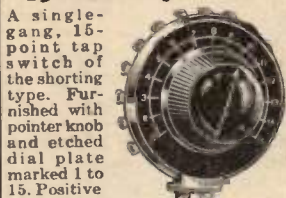
W6507—Green Your Cost Each 9c

W6508—Yellow Your Cost Each 9c

Per Pair, 1-red 1-black W6467 Your Cost 15c

We can supply any Yaxley item not listed on this page at a discount of 40 and 2% from the list price. No shipping delays.

15-Point Tap Switch



A single-gang, 15-point tap switch of the shorting type. Furnished with pointer knob and etched dial plate marked 1 to 15. Positive wiping contacts. Mounts in a single $\frac{1}{4}$ " panel hole. Ideal for use where multiple switching is required.

W6372—Your Cost 88c

YAXLEY Push Button Switches



Non-locking Types. Furnished complete with black Bakelite knob. Mounts in single $\frac{1}{4}$ " hole, on panels up to $\frac{1}{4}$ " thick.

W6460—No. 2001. Make Contact.

W6461—No. 2002. Break Contact.

Your Cost, Either Type 53c

W6462—No. 2003. S.P.D.T. Your Cost Each 59c

W6457—No. 2004. 2-pole, 2-contact.

W6464—No. 2005. 2-pole, break two contacts.

Your Cost, Either Type 70c

W6465—No. 2006. D.P.D.T. Your Cost 88c

W6463—No. 2007. Make two circuits, break one.

Your Cost Each 76c

W6468—No. 2008. D.P.D.T. Make before break.

Your Cost Each 97c

Round Head Jacks

Compact type. Insulated tops. Mount in a single $\frac{1}{4}$ " hole. For panels up to $\frac{1}{4}$ " thick. No. 520

W6534—Red W6535—Black W6536—Yellow W6537—Green Your Cost Each 9c

Per pair, 1-red 1-black W6538 Your Cost 15c

YAXLEY Etched Plates

Hard aluminum with numbers etched in white. Fit $\frac{1}{4}$ " bushings. Plates with on-off position for use with switches. Others for use with step type controls and similar units.



Stock No. Marking Stock No. Marking

W6224 1 to 2 W6243 1 to 15

W6225 1 to 3 W6223 0 to 100

W6226 1 to 4 W6244 Volume

W6227 1 to 5 W6235 Off—1 to 3

W6228 1 to 6 W6236 Off—1 to 4

W6229 1 to 7 W6237 Off—1 to 5

W6230 1 to 8 W6238 Off—1 to 6

W6231 1 to 9 W6239 Off—1 to 7

W6232 1 to 10 W6240 Off—1 to 8

W6233 1 to 11 W6241 Off—1 to 9

W6234 1 to 12 W6242 Off—1 to 10

Your Cost Each, Any Above Type 9c

Tip Jacks

No. 416—Round head type. Tinned lug terminal. Mount in a $\frac{1}{4}$ " panel hole. List 10c

W6437—Your Cost 6c

YAXLEY Pup Jack

No. 417—Nickel plated brass. Used for speaker connections, battery leads, etc. Mounts in a single $\frac{1}{4}$ " hole. List 10c

W6455—Your Cost Each 6c

Tip Jack

Tip jack with positive single conductor contact, used for test panels, instruments, battery leads, and in sets for aerial and ground, etc. Hole $\frac{1}{4}$ ".

W6444—Each 18c

Tip Plugs

Type A—For use with all tip jacks. Ideal for use on test leads, meter and panel apparatus. Solderless type.

W6438—Your Cost 6c

Type B—Same as above, but with short tip.

W6439—Your Cost Each 5c

Phone Plugs and Jacks



No. 75—Bakelite housing. Screw term., coin slots.

W6295—Your Cost 29c

No. 75TC—Same as above, with inside loop for tie cord.

W6345—Your Cost 35c

No. 75A—Same as No. 75, with heavy nickel shell.

W6346—Your Cost 1.32

No. 76—Three-way microphone plug. Bakelite shell.

W6296—Your Cost 59c

No. 76A—Same as above, with heavy nickel shell.

W6347—Your Cost 1.47

No. 100—Extension jack, fibre shell. For No. 75 plug.

W6348—Your Cost 44c

No. 100A—Same as above, nickel shell. For 76A plug.

W6349—Your Cost 1.47

No. 101A—Mike jack, nickel shell. For 76A plug.

W6344—Your Cost 1.62



Switches and Binding Posts

Porcelain Base Knife Switches



Especially suitable for aerial and ground. Copper contacts and blades.

Stock No.	Type	Your Cost
W16820	S.P.S.T.	10c
W16821	S.P.D.T.	12c
W16822	D.P.S.T.	17c
W16823	D.P.D.T.	19c
W16825	3-P.D.T.	38c

Miniature Bakelite Knife Switches



Plated metal parts. Single pole types $1\frac{1}{2}$ " long; double pole $2\frac{1}{2}$ ".

Stock No.	Type	Your Cost
W16830	S.P.S.T.	26c
W16831	S.P.D.T.	32c
W16832	D.P.S.T.	37c
W16833	D.P.D.T.	44c
W16834	3-P.S.T.	62c
W16835	3-P.D.T.	63c
W16836	4-P.S.T.	74c
W16837	4-P.D.T.	81c

Midget Knife Switches



Adapted for either base or panel mounting. Have black Bakelite bases, nickel plated brass parts. Single pole types $1\frac{1}{4}$ " long; $1\frac{1}{2}$ " wide; double pole $1\frac{1}{2}$ " long; $1\frac{1}{2}$ " wide.

Stock No.	Type	Your Cost
W16842	S.P.S.T.	9c
W16843	S.P.D.T.	15c
W16844	D.P.D.T.	24c

FEDERAL Anti-Capacity Switches



Springs are phosphor bronze silver-plated, actuated by a cam roller. Rapid operation combined with a minimum of capacity between elements allow for innumerable uses.

Stock No.	Type	Your Cost
W12852	D.P.S.T.	\$1.65
W12851	D.P.D.T.	
W12850	4-P.D.T.	\$1.90

Four Pole Double Throw Switch



Rated 3 amps., 125 volts. Aluminum case, lug terminals on fibre strips. Makes 2 and breaks 2 circuits each throw. Shaft extends $1\frac{1}{2}$ ". Mtg. centers $1\frac{1}{2}$ ". Quantity limited.

W12849—10 For \$1.20	
Your Cost.....	14c

Canopy Switch



Rotary type, composition top. Very shallow. Wire leads. Rated 3 amps. at 125 volts.

W13342		8c
Each.....		Per 25.....\$1.90

Remote Control Switch



Consists of 20 feet of approved cord, a combination receptacle-plug and "on-off" switch. Completely wired—no tools needed.

W13319—Your Cost...	68c
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CUTLER-HAMMER Switches

Cutler Hammer switches are approved by the Underwriters.



Toggle Switches

Approved type high quality toggle switches with nickel plated metal parts. Single pole units rated 3 amps. at 250 volts; double pole units rated

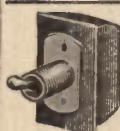
2 amps., 250 v. Stems $1\frac{1}{4}$ " diam.	
Single Pole-Single Throw	
W12836— $\frac{1}{2}$ " stem	
Your Cost, Each.....	17c
Per Dozen.....	1.90

W12835— $1\frac{1}{2}$ " stem	
Your Cost, Each.....	19c
Per Dozen.....	2.04

Single Pole-Double Throw	
W12834— $\frac{1}{2}$ " stem	
Your Cost, Each.....	20c
Per Dozen.....	2.21

Double Pole-Double Throw	
W12833— $\frac{1}{2}$ " stem	
Your Cost, Each.....	37c
Per Dozen.....	\$3.90

Double Pole-Single Throw	
W12817— $\frac{1}{2}$ " stem	
Your Cost, Each.....	32c
Per Dozen.....	\$3.70



C-H POWER SWITCHES

Heavy duty switches for amplifiers, motor control, etc. Ratings given are at 250 volts a.c. $\frac{1}{2}$ " bushings.

Stock No.	Type	Ratings	H.P.	Ea.	For 10
W12813	S.P.S.T.	5 amperes	$\frac{1}{4}$	35c	\$3.20
W12814	D.P.S.T.	5 amperes	$\frac{1}{4}$	39c	3.50
W12815	S.P.S.T.	10 amperes	$\frac{1}{4}$	59c	5.05
W12816	D.P.S.T.	10 amperes	$\frac{1}{4}$	65c	5.95

Binding Posts

Spring Clamp Binding Posts

Insulated top. Spring clamp holds wire. Overall length 1".

W13046—Blank (no mk.)	
W13047—Marked ANT	
W13048—Marked GND	
Your Cost	
Each.....	5c

Spring Clamp Binding Post Assembly	
Posts mounted on Bakelite strip 2" long, $1\frac{1}{4}$ " wide. Mounting hole centers $1\frac{1}{4}$ ". Posts marked "ANT" and "GND".	
W13049—Your Cost.....	12c

Tip Jacks	
Mounted on $\frac{1}{4}$ " Bakelite. Contact springs grip cord tips securely. Supplied plain—no marking.	
W13037—Double jack	
Your Cost.....	5c
W13036—Triple jack	
Your Cost.....	7c

Insulated Posts	
Red or black composition top. Plated ferrule. Specify color.	
W13163—	
Your Cost.....	5c

Non-Removable Top Binding Post	
With grommets. Stud has hole. $\frac{1}{4}$ " long (closed)	
W13003—Red	
W13001—Black	
Your Cost Each.....	8c

Colored Twin Tip Jack

Colored insulation; one red and one black tip jack. Centers $1\frac{1}{4}$ ".	
W12936—	
Your Cost.....	12c



Rotary Switches

S. P. S. T.

Approved by the Underwriters. Bakelite encased. 3 amps, 125 V. $1\frac{1}{4}$ " shaft for knob.

W12838—	
Each.....	14c
Per Dozen.....	\$1.59

Single Pole—Triple Throw	
Exposed type. Dead center position. $\frac{1}{2}$ " shaft, with hex nut.	
W12831—	
Each.....	75c
Per Dozen.....	\$8.50

Single Pole—Double Throw	
Similar to above. $\frac{1}{2}$ " shaft.	
W12832—	
Your Cost Each.....	25c
Per Dozen, \$2.75	

"On-Off" Switch Plates	
Heavily nickel plated. With locating projection. Marked "on" and "off".	
W12818—	
Your Cost	
Each.....	2c
Per Dozen.....	.18c

EBY Binding Posts	
Non-Removable Tops	
Specialized designed for use on metal chassis. Stud has hole.	
W13082—Ace Post	
Has $\frac{1}{2}$ " stud, $\frac{1}{4}$ " long.	
Your Cost Each.....	9c
W13083—Ensign Post	
Has $\frac{1}{2}$ " stud, $\frac{1}{4}$ " long.	
Your Cost Each.....	12c
W13084—Commander Post	
Has $\frac{1}{2}$ " stud, $\frac{1}{4}$ " long.	
Your Cost Each.....	20c

EBY Twin Post Units	
On laminated strips, marked "ANT" and "GND".	
W13062—	
Your Cost.....	15c
Similar to above, but triple post marked "LANT", "SANT", and "GND".	
W13063—Your Cost.....	18c

Screw Terminal Strip	
Two knurled head screws mounted on 2" Bakelite plate. Non-removable. Centers $1\frac{1}{4}$ ". No markings.	
W13006—Your Cost Each.....	6c

Heavy Metal Binding Post	
Nickel plated brass. Approximately 1" high.	
W12946—	
Your Cost Each.....	6c
Per Dozen.....	.60c

Binding Post Top	
Made of molded Bakelite. Have brass insert. Knurled finger grip. In black only.	
W13085—6/32 thread	
W13081—8/32 thread	
Your Cost Each, Either Type.....	2c
100 for.....	\$1.30

H. & H. Rotary Panel Switches

Rated 3 amps., 125 volts. Approved type. For use with knob. Cadmium plated solder lug terminals. Furnished with locknuts. Mounting sleeve $\frac{1}{4}$ " diam. Shaft extends 1" beyond the threaded sleeve.

Stock No.	Type	Sleeve Length	Your Cost
W12779	S.P.S.T.	$1\frac{3}{8}$ "	17c
W12780	S.P.S.T.	$1\frac{3}{8}$ "	22c
W12781	D.P.S.T.	$1\frac{3}{8}$ "	39c
W12782	D.P.S.T.	$1\frac{3}{8}$ "	44c
W12783	D.P.D.T.	$1\frac{3}{8}$ "	49c
W12784	D.P.D.T.	$1\frac{3}{8}$ "	49c

H. & H. Two-Circuit Push-Button Switches

In normal position, with plunger out, one circuit is "on" and the other "off". When plunger is pressed in, circuits are reversed. Slow make, quick break momentary contacts. Silver plated lug terminals; laminated Bakelite insulation. Rated 75 watts at 125 volts a.c. Bushing $1\frac{1}{4}$ " diameter and $\frac{1}{4}$ " long. In three standard types shown below.



Metal Plunger
Used on Supreme instruments and other makes.

W12774—Your Cost.....	31c
10 for.....	\$2.79

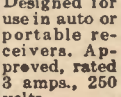
Bakelite Button Type

With concave Bakelite button.

W12775—Red	
W12776—Black	
Your Cost.....	40c
10 for.....	\$3.60

Bakelite Tip	
Supplied with a narrow Bakelite tip at the end of the plunger.	
W12777—Red	
W12778—Black	
Your Cost.....	32c
10 for.....	\$2.88

Key Lock Switches



Designed for use in auto or portable receivers. Approved, rated 3 amps., 250 volts.	
W6221—S. P. S. T.	
Your Cost Each.....	35c
W6222—D. P. S. T.	
Your Cost Each.....	49c

JONES Radio Jacks and Switches



W12857—Single filament panel control jack. $\frac{1}{4}$ " hole mount. Binding post terminals. Nickel plated brass hardware. Type A.

W12858—Double circuit panel mount jack (similar to type A). Closed circuit type. $\frac{1}{4}$ " hole mount. Binding post terminals.

W12859—"A" battery panel switch. Push-button type. $\frac{1}{4}$ " hole mount. Binding posts. All Bakelite insulation. Nickel plated brass hardware. Type B.	
Your Cost Each, Any Above Type.....	9c
Per Dozen.....	\$1.00

SET BUILDERS ACCESSORIES

MALLORY Bias Cell



The ideal solution for the bias problem. Only $1\frac{1}{2}$ " high, $\frac{5}{8}$ " in diameter. No current potential of 1 volt, plus or minus 10%. Lasts away with several parts when used for biasing. Also handy for the experimenter. **Can not be used with a load.**
W6419—Cell only.
Your Cost Each.....

18c

HOLDERS FOR ABOVE

These are handy, compact units which hold the cells in a series arrangement. The single is shown.
W6420—For one cell..... 6c
W6421—For 2 cells..... 12c
W6422—For 3 cells..... 15c
W6423—For 4 cells..... 21c

"Easy-To-Remove" Aluminum Coil Shield

Can locks to base with a bayonet thread. $2\frac{1}{4}$ " in diameter, $2\frac{3}{4}$ " high including base. Holes in base for leads. Of bright aluminum.
W12648—
Each.....

10c

10 for..... 85c



Aluminum Coil Shield

Bright finish aluminum. One piece. Holes near bottom for bolts.
W12649— $2\frac{1}{4}$ " x $2\frac{3}{4}$ " high.
W12650— $2\frac{1}{4}$ " x 4" high.

Your Cost
Either Type.....

9c

10 for..... 80c

Aluminum Coil Shields

Detachable base, permits quick removal of top.
W12639— $2\frac{1}{4}$ " x 3" high.
W12640— $2\frac{1}{4}$ " x $3\frac{1}{2}$ " high.
Your Cost,
Either Type.....

9c

SHIELDS FOR USE WITH METAL TUBES

For use with screen grid metal tubes. Fits over grid cap and prevents radiation from this point. Aluminum sprayed black.
W13217—
Each.....

4c

10 for..... 33c



BAKELITE TUBING

In natural smooth black. $\frac{1}{8}$ " thick wall. Cut to your length, any size.

Stock No.	Out. Diam.	Per Foot	Per Inch
W13150	1"	34c	3c
W13151	1 $\frac{1}{8}$ "	45c	4c
W13152	2"	55c	5c
W13153	2 $\frac{1}{2}$ "	63c	6c
W13154	3"	80c	7c
Natural Tan Bakelite, $\frac{1}{8}$ " Wall			
W13129	1 $\frac{1}{8}$ "	25c	2 $\frac{1}{2}$ c
W13130	1 $\frac{1}{2}$ "	27c	2 $\frac{1}{2}$ c
W13131	1 $\frac{3}{4}$ "	32c	3c
W13132	2"	38c	3 $\frac{1}{2}$ c

STEEL BRACKETS

$\frac{1}{8}$ " Gauge

Black crystallized lacquer finish. Panels must be at least 7" high. Mounting holes drilled.
W15271—For 8" base.
Your Cost, per Pair.....
W15272—For 11" base.
Your Cost, per Pair.....

59c

89c

TUBE SHIELD JACKETS



Will form-fit all dome type (ST) tubes. Complete with bases for wafer sockets with mounting holes $1\frac{1}{2}$ " to $1\frac{3}{4}$ " apart. Bodies consist of two identical shells that hug tube shape exactly, thus saving space.

W13258—For ST14 bulbs with or without cap: 24A, 35, 2A5, 01A, 22, 26, 32, 34, etc.

W13262—For short ST12 tubes without grid caps: 27, 37, 56, 76, 41, 84, 12Z3, 6Z4, etc.

W13264—For short ST12 tubes with grid caps, such as the 36, 75, 77, 78, 79, 39/44, 38, 6A7, 6B7, 6C7, 6D7, 6E7, 6F7, etc.

W13263—For long ST12 tubes with grid caps, such as the 6C6, 6D6, 57, 58, etc.

Your Cost Each, Any Type.

10 for.....

50c

100 for.....

6c



Standard Relay Racks



Constructed of $\frac{1}{2}$ " steel with spot-welded corners. Finished in black, crystalline lacquer. For use with standard 19" panels, and are drilled for mounting holes every $1\frac{1}{2}$ ". Holes are tapped for 10-32 screw. Substantially braced base, 16" deep, 19 $\frac{1}{2}$ " wide, prevents wobble and keeps units in correct alignment. Ideal for use with all types of transmitters and public address systems. Panels are listed below.

Stock No.	Height	Weight	Cost
W22151	36"	30 lbs.	\$8.95
W22150	72"	60 lbs.	10.95

BLANK CHASSIS



Template is steel, lead plated. It drills and solders easily and is attractive in appearance. Electroly is a zinc alloy which drills, cuts and solders easily; it is non-magnetic.

Stock No.	Size—Inch.	Shpg. Wt.	Your Cost
W22325	7x9x2	3 lbs.	\$0.40
W22326	7x11x2	3 lbs.	.45
W22327	7x13x2	4 lbs.	.50
W22328	10x12x3	5 lbs.	.54
W22329	10x17x3	6 lbs.	.75
W22330	10x23x3	7 lbs.	.85

Stock No.	Size—Inch.	Shpg. Wt.	Your Cost
W22331	7x9x2	3 lbs.	\$0.78
W22332	7x11x2	3 lbs.	.93
W22333	7x13x2	4 lbs.	1.05
W22334	10x12x3	5 lbs.	1.15
W22335	10x17x3	6 lbs.	1.47
W22336	10x23x3	7 lbs.	1.73

BLACK STEEL CHASSIS OR SUB-BASES

Designed for use with the relay racks described above. Constructed of No. 16 gauge steel finished in black crystallized lacquer. Are furnished with bottom cover plates and bolts for mounting. These chassis are drilled to fit combination brackets and panels.

Stock No.	W. L. D.	Shpg. Wt.	Your Cost
W22155	8x17x2"	14 lbs.	\$1.60
W22229	8x17x3"	15 lbs.	1.75
W22230	13x17x2"	21 lbs.	2.10

Cadmium Plated Chassis. Similar to the above, but steel cadmium plated. Size 17" long, 11" wide and $2\frac{1}{2}$ " deep. Shpg. wt. 18 lbs.
W22157—
Your Cost.....

\$2.20

BLACK CRYSTALLINE STEEL PANELS

These standard panels are 19" long, and will fit the relay racks described above. Constructed of $\frac{1}{4}$ " steel with black crystallized lacquer finish. Available in twelve standard sizes to fill practically every requirement. They are considered standard for amateur and P. A. rigs.

Stock No.	Width	Shpg. Wt.	Your Cost
W22169	12 $\frac{1}{2}$ "	2	\$0.50
W22170	3 $\frac{1}{2}$ "	5	.58
W22171	5 $\frac{1}{2}$ "	7	.66
W22160	7"	8	.70
W22161	8 $\frac{1}{2}$ "	9	.90
W22162	10 $\frac{1}{2}$ "	10	1.10

Stock No.	Width	Shpg. Wt.	Your Cost
W22163	12 $\frac{1}{2}$ "	12	\$1.30
W22164	14"	13	1.50
W22165	15 $\frac{1}{2}$ "	14	1.75
W22166	17 $\frac{1}{2}$ "	15	1.95
W22167	19 $\frac{1}{2}$ "	16	2.06
W22168	21"	17	2.30

RADIO PANELS FOR ALL USES

Black hard rubber and Bakelite panels, $\frac{1}{8}$ " thick—odd sizes cut to order at $1\frac{1}{2}$ c per square inch. Aluminum and electroalloy panels, $\frac{1}{8}$ " thick—odd sizes cut to order at 1c per square inch. 75c minimum order.

Bakelite				Hard Rubber				Aluminum				Electroalloy					
Size Ins.	Stock No.	Your Cost	Yr. Cost	Size Ins.	Stock No.	Your Cost	Yr. Cost	Size Ins.	Stock No.	Your Cost	Yr. Cost	Size Ins.	Stock No.	Your Cost	Yr. Cost		
7x10	W19600	\$0.89	W19630	\$0.59	W19660	\$0.48	W22310	\$0.42	7x12	W19601	1.15	W19631	.66	W19661	.59	W22311	.45
7x14	W19602	1.30	W19632	.77	W19662	.69	W22312	.53	7x18	W19603	1.60	W19633	.98	W19664	.92	W22314	.65
7x21	W19604	1.80	W19634	1.14	W19665	1.03	W22315	.78	7x24	W19605	2.10	W19635	1.28	W19666	1.15	W22316	.89
7x30	W19608	2.57	W19638	1.75													

Cathode-Ray Visual Tuning Indicator



Makes use of a cathode-ray "eye" tube to permit visual indication of correct hairline tuning. Easy to install in any set having a.v.c. Kit includes socket, bracket, bezel, cable and instructions.
W11480—Less tube
Your Cost.....

65c

Raytheon 6E5 tube..... 77c

Raytheon 2E5 tube..... 67c

W11481—Extra mounting bezel.
Your Cost.....

10c

GENERAL UTILITY STEEL CABINETS

Built of steel, finished in black crackle lacquer. Spot welded corners. Snug fit top and bottom held on with self-tapping screws. Excellent for housing small apparatus.

Stock No.	Dimension W. L. H.	Shpg. Wt. lbs.	Your Cost
W22174	5 $\frac{1}{2}$ x6x5 $\frac{1}{2}$ "	3	\$0.69
W22175	5 x9x6"	5	1.10
W22173	8 x10x7"	6	1.24
W22176	8 x10x10"	7	1.39
W22177	11 x12x8"	9	1.79

Color Coding Enamel



For color coding coils, terminals, etc. Green, blue, red, yellow and a bottle of thinner. Two brushes are included. Have your own system of color coding. Adds greatly to appearance of your job.
W15258—Your Cost.....

29c

Liquid Victron

The famous Victron H.F. insulation in liquid form for coating r.f. coils. Dries quickly.

W15260—2-ounce can.
Your Cost.....

21c

W15308—8-ounce can..... 76c

W15275—1-pint can..... \$1.47

Crystalline Lacquer

For touching up and refinishing metal panels, chassis. Black.

W15259—2-ounce can
Your Cost.....

21c

W15309—8-ounce can..... 65c

W15274—1-pint can..... \$1.18

Phenolic Radio Cement

For speaker cones, Bakelite, metal, wood, hard rubber, etc.
W15310—
2-ounce can
Your Cost.....

21c

W15311—8-ounce can..... 76c

W15312—1-pint can..... \$1.47

Meter Panels



Fit the standard racks. Of steel. All 19" long and $5\frac{1}{2}$ " high.

Stock No.	Holes	Meter Size	Your Cost
W22222	3	2"	\$0.98
W22223	5	2"	1.45
W22224	3	3"	.98
W22225	5	3"	1.45



Nickel-Plated Brass Machine Screws

Stock No.	Length	Doz.	Gross
W14750	3c	30c	
W14751	4c	38c	
W14752	5c	50c	
W14753	1 1/4"	55c	
W14754	1 1/2"	65c	

Stock No.	Length	Doz.	Gross
W14755	5c	50c	
W14756	6c	55c	

Stock No.	Length	Doz.	Gross
W14760	3c	30c	
W14761	4c	38c	
W14762	5c	50c	
W14763	1 1/4"	55c	
W14764	1 1/2"	60c	

Stock No.	Length	Doz.	Gross
W14770	3c	30c	
W14771	4c	42c	
W14772	5c	50c	
W14773	1 1/4"	55c	
W14774	1 1/2"	60c	

Cadmium-Plated Steel Machine Screws & Nuts

Stock No.	Length	Per 100	Per 1000
W14922	11c	\$0.98	
W14923	12c	1.10	
W14924	13c	1.17	
W14925	14c	1.26	
W14926	1 1/4"	1.50	
W14927	1 1/2"	1.80	

Stock No.	Length	Per 100	Per 1000
W14928	14c	1.26	
W14929	16c	1.50	
W14930	17c	1.60	
W14931	20c	1.80	
W14932	1 1/4"	2.05	
W14933	1 1/2"	2.43	

Stock No.	Length	Per 100	Per 1000
W14939	8-32x1/4"	1.08	
W14940	8-32x1/2"	1.44	

Nickel-Plated Brass Round Head Wood Screws

Stock No.	Size	Length	Doz.	Gross
W14780	4	4c	40c	
W14781	5	5c	50c	
W14782	6	6c	60c	
W14783	8	8c	80c	

Hex Nuts, Knurled Nuts, & Washers, Nickel-Plated Brass

Stock No.	Size	Length	Doz.	Gross
W14804	6-32x1/4"	hex. nuts.	5c	
Envelope of 20; Net			20c	
Per 100			20c	
W14805	8-32x1/2"	hex. nuts.	5c	
Envelope of 20; Net			20c	
Per 100			20c	
W14806	6-32x3/8"	hex. nuts.	5c	
Envelope of 16; Net			25c	
Per 100			25c	
W14807	8-32x3/8"	hex. nuts.	5c	
Envelope of 16; Net			25c	
Per 100			25c	
W14808	6-32x3/8"	knurled nuts.	5c	
Envelope of 6; Net			75c	
Per 100			75c	
W14809	No. 6 washers.		5c	
Envelope of 25; Net			20c	
Per 100			20c	
W14810	No. 8 washers.		5c	
Envelope of 25; Net			20c	
Per 100			20c	

Screw Extractors



Used for removing broken screws, bolts and studs. A hole is drilled in broken screw (size of drill is indicated on extractor), then by turning extractor to left, screw is removed quickly and easily. Four sizes in kit. Shpg. wt. 2 lbs.

W15279—Your Cost..... **95c**

Escutcheon Screws

Round head, bronze finish, 3/8" long. Fits any type escutcheon.

W14934—No. 2 Size **25c**
Per Gross

RADIO HARDWARE

"1000 PLUS" HARDWARE KIT



Contains over 1000 pieces of most frequently used hardware: 125 assorted 6-32, 100 8-32 and 25 10-32 machine screws; 100 6-32, 100 8-32 and 25 10-32 nuts; 100 assorted wood screws; 150 rivets, eyelets; 100 washers, grommets, etc.; 100 metal washers, lockwashers, lugs, etc. Shpg. wt. 4 lbs.

W14820—Your Cost..... **95c**

Self-Tapping Screw Assortment



Forty of the most commonly used sizes in modern receivers. Uses no nuts, merely start hole and drive through. Used in many standard receivers.

W14687—Box of 40. **29c**
Your Cost.....

Assorted Brackets



Box of 27 of the most popular angles and brackets used in radio. Brass, nickel-plated.

W14838—Your Cost..... **24c**



Right Angle Brackets

All are brass, nickel-plated; width is 3/8". Very sturdy.

Stock No.	Size	Your Cost	Per 10
W14895	1/2x1/2"	1c	9c
W14896	3/8x3/8"	2c	15c
W14897	1x1"	2 1/2c	22c
W14898	1 1/4x1 1/4"	3c	25c
W14899	1 1/2x1 1/2"	3 1/2c	32c

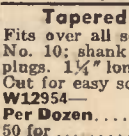
Tinned Brass Lugs



W14812—No. 1. **\$1.75**
W14813—No. 2. **Per Thousand**
W14814—No. 3, solderless type.
W14816—No. 4, 3/4" long.
W14818—No. 5, 1/2" long.
Your Cost per 100, **20c**
Any Type Lug.....



Mounting Lugs
Of cadmium-plated steel. Hole in flat end for 6-32 screw; threaded end 6-32. For securing shield can to chassis, bases, etc.
W14955—**5c**
Per 10.....
Your Cost per 100..... **35c**



Tapered Lugs
Fits over all screws up to No. 10; shank fits banana plugs. 1 1/4" long, 1/2" wide. Cut for easy soldering.
W12954—**12c**
Per Dozen.....
50 for..... **40c**



Wing Nuts
Brass, nickel-plated. Have numerous uses.

Stock No.	Thread	Each
W12926	6-32	3c
W12927	8-32	
W12928	10-32	
W12929	1/4-20	

Per 100..... **\$2.79**

Switch Points and Stops

Brass, nickel-plated.
W14784—Points. **8c**
W14785—Stops. **8c**
Either Type, Per Dozen.....

Assorted Hardware

45c
For a 2-lb. Kit



A big assortment for the serviceman, of assorted screws, nuts, washers, eyelets, lugs, brackets, etc. (3 1/4 pounds.) Something of everything in the way of small parts used in radio. Shpg. wt. 5 lbs.

W14834—Your Cost..... **70c**
Same as above, but contains 2 lbs. of hardware. Shpg. wt. 3 lbs.

W14844—Your Cost..... **45c**

Rubber Grommet Kits

Available in two assortments—kit "A" contains 12 assorted grommets in 4 sizes—3/16" to 1/2". Kit "B" contains 30 assorted grommets in 5 standard sizes—3/16" to 1/2".

W14794—Assort. "A". **10c**
Your Cost.....

W14795—Assort. "B". **26c**
Your Cost.....

Rubber Grommets

Insulate holes in metal panels, chassis, electrical appliances, etc.

Stock No.	Fits	Inside	Per	Per 100
W14765	1/8"	1/8"	8c	52c
W14766	3/16"	3/16"	14c	59c
W14767	1/4"	1/4"	16c	64c
W14768	5/16"	5/16"	19c	69c
W14769	3/8"	3/8"	20c	72c

Colored Grommets

Hard insulating composition; with knurled nut; in red or black. For instruments and where dressy appearance is desired.

Stock No.	Hole	Inside	Per	Per 100
W14688	1/8"	1/8"	4 1/2c	
W14689	3/16"	3/16"	5c	
W14690	1/4"	1/4"	5c	
W14691	5/16"	5/16"	6c	
W14692	3/8"	3/8"	6c	
W14693	1/2"	1/2"	6c	
W14694	5/8"	5/8"	6c	
W14695	3/4"	3/4"	6c	

1/4" Brass Spacers

For raising components above chassis or away from panel. All pass, Nos. 4, 6 and 8 screws.

Stock No.	Height	Your Cost
W9868	1/8"	12c
W9869	3/16"	15c
W9870	1/4"	17c
W9871	5/16"	20c

Insulating Pitch

W14864—14-ounce can. Wt. 3 lbs. Your Cost..... **29c**
W14865—1-gallon can. Wt. 12 lbs. Your Cost..... **\$1.25**



Assorted Fibre Washers



Contains 100 plain and shoulder type to fit Nos. 6, 8 and 10 screws, as well as 1/8", 3/16" and 1/4" holes.

W14832—Shpg. wt. 8 oz. **24c**
Your Cost per Box.....

Insulating Washers

Of fibre as in assortment above. Used for metal panel and chassis mounting of parts.



Fibre Washers—Shoulder Type

Stock No.	O.D.	I.D.	Per 100
W15020	1"	3/4"	10c
W15021	1 1/4"	1 1/8"	Per 100
W15022	1 1/2"	1 1/4"	90c
W15023	1 3/4"	1 1/2"	

Flat Bakelite Washers

Stock No.	Size	Per 100
W15030	3/8"	8c
W15031	1/2"	Per 100
W15032	5/8"	60c

Rivet and Eyelet Punch

Can be used for riveting or eyeletting. Resets any size eyelet or rivet in any radio. Two tools are of hardened steel. Holder is of cast-iron with hex sides for no-slip grip in vise. With 100 assorted rivets and eyelets. W15045—Your Cost..... **\$1.18**



Bakelite Assembled Terminal Strips



Screw and collar terminals mounted on 1/2" Bakelite strips, 3/8" wide. Nickel-plated hardware. With end holes drilled for mounting.

Stock No.	Terminals	Mtg. Centers	Your Cost
W13140	2	1 1/2"	8c
W13141	3	2"	11c
W13142	4	2 1/2"	15c
W13143	5	3 1/4"	19c
W13144	6	4"	23c

BAKELITE MOUNTING STRIPS

For mounting parts which are to be insulated from chassis. Tinned.

Stock No.	Lugs	Each	10 For
W13133	2	3c	27c
W13134	3	3c	27c
W13135	4	5c	45c
W13137	6	6c	55c

FAHNESTOCK Clips

Stock No.	Type	Length	Per Doz.
W14823	Single	3 1/2"	10c
W14824	Single	1"	11c
W14825	Double	1 1/2"	25c
W14826	Double	1 3/4"	26c

Ornamental Top Bronze Finished Machine Screws

Stock No.	Size	Length	Per Doz.
W14680	6-32	3/8"	8c
W14681	6-32	1"	9c
W14682	6-32	1 1/4"	10c

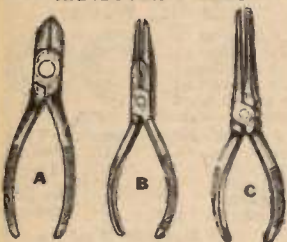
Shakeproof Washers

W14758—To pass No. 6 screw. W14759—To pass No. 8 screw. Either Type Envelopes of 25..... **8c**

PRICES SUBJECT TO CHANGE...WITHOUT NOTICE

QUALITY SHOP EQUIPMENT

KRAEUTER PLIERS



You owe it to yourself to own at least two good pairs of pliers. Krauter pliers have been acknowledged for years as being the finest.

Diagonal Cutting

A—Cutting jaws of this plier come together perfectly. "They cut the insulation as well as the wire."

W14944—5½" long. **\$1.20**

Your Cost.....

Long Nose

B—A truly fine tool with a side cutting blade that is sharp, and will stay so. Gets into the places that are hard to get at.

W14945—6" long. **\$1.05**

Your Cost.....

Needle Nose Pliers

C—Furnished with an extra long finely tempered nose, for reaching into difficult places. Length, 6".

W15076— **\$1.05**

Your Cost.....

Handy Scratch Remover



For removing marks and scratches from furniture. Will last indefinitely. In durable container.

W15520— **23¢**

Your Cost Ea.

Diagonal Cutting Pliers



A very popular plier with all servicemen. 5½" long. Shpg. wt. 3 lbs.

W15127— **32¢**

Your Cost

Long Nose Pliers



5½" polished forged steel. Side cutting telephone type. Shpg. wt. 3 lbs.

W15241— **32¢**

Your Cost.....

G. M. CO. ELECTRIC HAND DRILL



For 110 Volts A.C.—D.C.

heavy rubber-covered cable and plug. Shpg. wt. 10 lbs. **\$15.85**

W14726—List \$25.00. Your Cost, Each.....

A sturdy ½-in. hand drill with GENERAL ELECTRIC A.C.-D.C. MOTOR and BALL THRUST BEARING in spindle. Special anti-friction bearing on armature shaft. Genuine Almond 3-jaw geared chuck. Has toggle switch on top of pistol grip, easily operated with thumb. Complete with 9 feet of

10-INCH MOTOR-DRIVEN JIG SAW



Sturdily constructed cast iron frame eliminates all vibration. Grooved table 8" diam. Jig saw has a 10" throat. Takes a 5" plain-end saw blade. Saw guide is adjustable. Enclosed top spring. Two-speed V-pulley for ¾" belt. Recommended speed, 700 r.p.m. for average work. Will cut stock up to 1½" thick. Shpg. wt. 6 lbs. Motor and

blades not supplied.

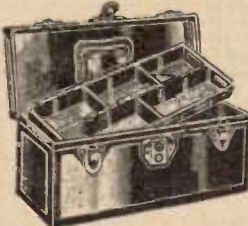
W14979— **\$1.49** W14980—Six 5" blades **18¢**

Your Cost, per set.....

UTILCO Steel Tool Boxes

A Box For Every Use

The "Utility"



Ideal for auto mechanics, radio servicemen. Will hold many everyday tools. Loose tray with movable partitions. Heavy steel, beautifully finished. Nickel-plated hardware. Split-proof lock. Size 14x6½x6". Shpg. wt. 6 lbs.

W14870— **89¢**

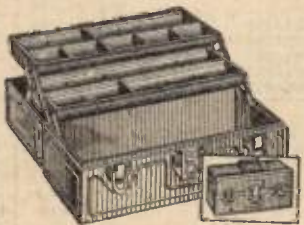
Your Cost.....

The "DeLuxe"

TWO DOUBLE trays with cantilever action. Particularly suited for use as a tackle box or any outdoor use. Handy rule on cover. Full grip handle. Removable tray partitions. Carefully waterproofed. Lock and catches very sturdy. Size: 13½x6½x6". Shpg. wt. 4 lbs.

W15153— **\$1.05**

Your Cost.....



POWER SPRAYER



Operates from the spark plug of any automobile. Will spray paint, lacquer, varnish, shellac, insecticide—any finely

mixed free-flowing liquid. Complete with sprayer, pint jar, spark-plug air check valve, compression tank, set of adapters and 12-foot hose. Shpg. wt. 11 lbs.

W15133— **\$2.95**

Your Cost.....

HAND SPRAYER



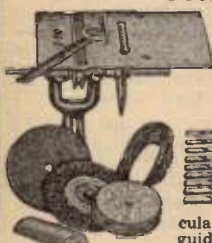
Air pressure supplied by any automobile tube. Complete with 6-ft. of hose, container and valve. Will spray ap-

proximately four jars from one tire containing 35 lbs. of pressure. Easy to use and efficient in operation. Shpg. wt. 5 lbs.

W14705— **59¢**

Your Cost.....

17 PIECE POLISHING HEAD OUTFIT

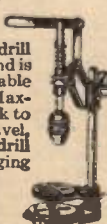


Not a toy!—but a real complete workshop outfit capable of performing good work. Will drill, grind, polish, buff, e-scratch, saw and other handy work. ¼ h.p. motor recommended. Comprises ¼" drill chuck, 4" circular saw, saw table and guide, 4" wire brush, 3" cotton buffer, ¼x4" emery

wheel, 9 twist drills ¼" to ¾", belt, pulley. Complete as shown. Shpg. wt. 8 lbs. **\$3.35**

W14746—Your Cost.....

MOTOR-DRIVEN DRILL PRESS



Here is the ideal, low-priced drill press for the small shop. It is a light-duty, precision-type drill suitable for wet or dry drilling, and is designed as a real power tool capable of performing profitable work! Maximum distance from end of chuck to top of base, 7½"; spindle travel, 1½". Equipped with ¾" drill chuck and 3½" adjustable swinging table. Overall height, 20"; width, 3½"; depth, 9". For ¾" V-belt. Spindle speed depends on motor-speed with 800 r.p.m. recommended for average work. However, the speed at which it is worked may depend upon the user. Shpg. wt. 6 lbs.

W15133—Less bits.

\$2.45

Your Cost.....

5"x18" METAL TURNING LATHE



Single casting 20" bed, overall 25"; 18" between centers, 5" swing. Compound rest; transverse feed 2"; longitudinal feed 2". 4" face plate accurately turned and machined. ¼" V-type 2-step cone pulley; takes standard A-type ¼" V belts or ¾" belt. Oilite bronze bearings; hollow spindle; takes all No. 0 Morse taper accessories; screw-feed tail stock; carefully milled bottom fits ways perfectly. Tool post. No shop should be without this lathe. Shipping weight 20 lbs.

W14740—No. 330 lathe.

\$7.95

Your Cost.....

G. M. Co. Geared Chuck



7 to 1 geared chuck to use drills up to ½" in your small electric drill. Gearing increases power. Shpg. wt. 4 lbs.

W14698— **\$4.75**

Your Cost.....

Motor Chuck-Arbor

Fit shaft of any small motor in place of pulley. With flange and locking nut to hold grinding wheels, saws, etc. ¼" three-jaw chuck.

Stock No.	Unit No.	Motor Shaft	Your Cost
W15095*	495		59¢
W15096	490		
W15097	490-A		
W15098	490-B		79¢

*Less Flanges.

G. M. Co. Hand Drills

Finely machined hand drills with ½" hardened chuck jaws. Accurately meshed gears. Polished hollow handle for storing drills. A much needed tool on the radio work bench. Easy-grip handle-top threads on to body. No lost drills with this tool! High speed gears. Shipping weight 2 lbs.

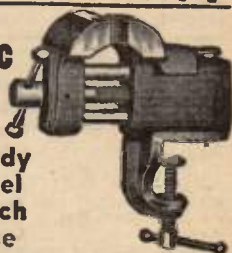
W14723—With side knob—List \$2.00

Your Cost..... **89¢**

W14724—Without side knob—List \$1.50

Your Cost..... **74¢**

92¢



Sturdy Steel Bench Vise

Good steel, carefully machined. Finished in red enamel with highly polished jaws and handle. Accurately cut spindle thread. Will clamp to board or bench up to 2 ins. thick. Has anvil behind jaw.

W14727—Jaws, 2½" wide. Shipping weight 7 lbs.

Your Cost..... **92¢**

W14728—Jaws, 3½" wide. Shipping weight 10 lbs.

Your Cost..... **\$1.39**



QUALITY TOOLS



SHEET METAL PUNCH



Of finest tool steel; tempered for long life. Punches holes for sockets, electrolytics, etc., in metal chassis with blow of hammer. Shpg. wt. 2 lbs.

Stock No.	Hole	Your Cost Each
W15291		
W15292		
W15293	1"	
W15294	1 1/8"	
W15295	1 1/4"	
W15296	Set of 5 punches	\$7.45

\$1.67

Pocket Wrench Set



Handy pocket wrench set comprising three double open-end units; 3/4", 7/8", 1", 1 1/8", 1 1/4" and one for odd sizes. Made of **hardened** tool steel. Shipped in a convenient genuine leather case. Shpg. wt. 8 ozs.

W15081—Your Cost **\$15^c**

COUNTERSINK



A handy tool for shaping holes in panels of wood, Bakelite, fibre, etc. Shpg. wt. 1 lb.

W14950—Your Cost **\$12^c**

TESTING Mallet



A necessity for every service man. For testing chassis and locating noises and loose connections. Hardwood, walnut stain, waxed; ends fitted with cushion-rubber blocks.

W15165—Your Cost **\$35^c**

ELECTRICIAN'S TAPE

Both friction and rubber tape are of the highest quality, kept fresh by tin-foil wrapper, and packed in individual boxes. Rubber tape will moisture proof a splice.



Stock No.	In Roll	Cost Each	10 Rolls
W14829	2 oz.	6c	55c
W14842	4 oz.	9c	85c
W14843	8 oz.	17c	\$1.60

RUBBER TAPE

Stock No.	4 oz.	8 oz.	Cost
W15040			\$1.10
W15041			2.10

HIGH-SPEED BREAST DRILL

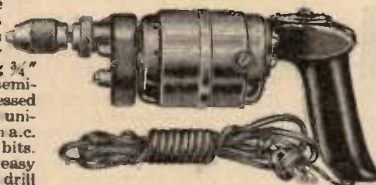


Very sturdily constructed. Chuck holds up to 3/8" drill. 3 spring-controlled steel jaws in chuck. 2-speed gears. Mahogany handles. Designed for heavy work and to minimize fatigue generally encountered in ordinary type drills. Entire drill finished in nickel, red and black.

W14993—Your Cost **\$1.98**

A.C.-D.C. ELECTRIC SPEED DRILL

The finest drill value available today. Drills through 1/4" steel. Its outside diameter of only 2 1/4" permits drilling 3/4" from corners. Has semi-recessed switch and recessed brush holders. 110-volt universal motor operates on a.c. or d.c. Takes up to 3/8" bits. Knurled collar permits easy insertion and removal of drill bits without fuss. Equipped with long, rubber-covered cable and plug. Aluminum and red paint finish. Shpg. wt. 7 lbs.



W14731—Your Cost Complete, Less Bits **\$6.95**

Rubber Pistol-Grip Hack Saw Frame



Pistol grip handle made of moulded rubber. Frame adjustable to various size blades and of very heavy construction. Complete with 8" blade. Shpg. wt. 2 3/4 lbs.

W15137—Your Cost **\$39^c**

Hack Saw Blades

High grade steel. Strictly first quality. Very flexible. Fast cutting and long lived. Fully guaranteed. Will fit above and standard tools.

Stock No.	Size	Per Doz. Your Cost
W14965	8"	39c
W14966	10"	45c
W14967	12"	54c

UNIVERSAL Hack Saw



Especially good for work in tight places. Thin quick cutting blade and tension adjusting handle. Shpg. wt. 3 lbs.

W15186—Your Cost **28^c**

W15187—Blades. Each. **6c**

Rivet-O-Punch Tool



Makes Solderless Lugs, Etc.

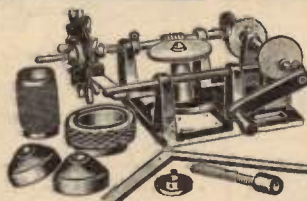
Punches holes—fastens rivets, in leather, fibre, paper or canvas. Can be used to make solderless lugs, etc. Complete with box of brass eyelets.

W15046—Your Cost **\$59^c**

Deluxe Coil Winder

Will wind honey comb, spiderweb, or solenoid coils of various widths and diameters. Equal in appearance to factory made coils. Includes all accessories necessary for winding the various types. Has recorder and indicator that counts turns. Black enamel finish. Shpg. wt. 6 lbs.

W14725—Your Cost **\$4.35**



RADIO SOCKET WRENCH SETS

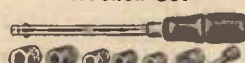
Handy All Steel Set



Will stand the hardest usage. Five interchangeable sockets: 1/4", 3/8", 1/2", 5/8", and screw driver bit. Cadmium plated. Sockets easy to remove, yet will not loosen while working. Spare wrenches fit into hollow handle when not in use. Easy to grip. Handy for the kit. Shpg. wt. 1 lb.

W14749—Your Cost **\$55^c**

INDESTRO Socket Wrench Set



A sturdy wrench set finished in bright cadmium plate with easy-grip, black wood handles. With 1/4", 3/8", 1/2" and 5/8" hex sockets, 3/8" round knurled nut socket and screw-driver socket. Handy for the serviceman's kit. Shpg. wt. 1 lb.

W15111—Your Cost **\$37^c**

SPIN TYPE Socket Wrenches—Straight and Handy Offset Types



Firm grip, ribbed wooden handles. Cadmium plated shanks. Have deep holes in ends of shanks that will take long screws up to No. 10. Straight types, 6" and 9" long. Offset type is 6" long. These wrenches take standard hexagon nuts.

Size	6" Straight	9" Straight	6" Offset
1/4" nuts	W15203	W15209	W15206
3/8" nuts	W15051	W15107	W15207
1/2" nuts	W15052	W15109	W15208
5/8" nuts	W15053	W15110	W15212
7/8" nuts	W15054	W15111	W15213
1" nuts	W15204	W15210	W15214
Your Cost			
Any Size	\$10^c	\$12^c	\$12^c
W15205—			
Set of 6	52c	62c	62c

Circle Cutters

Cut holes in steel, brass, aluminum, wood, Bakelite, etc.



Nos. 1, 2 and 4 cut holes from 1" to 4" in diameter. No. 1 also has an extra beading tool attachment. No. 5, heavy duty type, cuts holes from 1" to 5 1/2" diameter. All but No. 5 fit either round or square chucks.

W14713—No. 5, round shank. **\$1.88**
W14715—No. 6, square shank.
W14717—No. 1, square shank. **\$1.39**
W14718—No. 2, Your Cost **\$1.10**
W14716—Extra blades. Each. **24c**

Shockless Screw Driver



Handle and Ferrule are moulded in one piece of Black Composition. 6" long. Shpg. wt. 1 lb.

W15060—Your Cost **\$10^c**
Per Dozen **\$1.10**

SCREW "GRIPPER" SCREW DRIVER



Save time and temper with this driver. Gets into tight places holding the screw and releases it after it is driven. Many chassis need this tool for servicing. Has gripper which stays at any point on shank. Tempered tool steel blade. Shpg. wt. 1 lb.

Stock No.	Blade Length	Your Cost
W14721	4x 3/4"	34c
W14722	10x 3/4"	45c

3-IN-1 SCREW DRIVER



Nesting type. Smallest nests in handle of next larger and the two together in the largest. Steel blades with brass handles. 4 1/4" long. Shpg. wt. 1 lb.

W15220—Your Cost Each **\$10^c**

4-IN-1 SCREW DRIVER



Four sturdy tools of diminishing size for all jobs. Each nests within its larger companion. 6 1/2" long. Shpg. wt. 1 lb.

W15162—Your Cost Each **\$19^c**

HANDY STEEL CALIPERS



Opens to 3" Measures inside and outside diameters up to 3 inches, calibrated in 1/4 and 1/2 parts of an inch. Has knurled locknut. Indispensable to the machinist, constructor, home craftsman, etc. Shpg. wt. 1 lb.

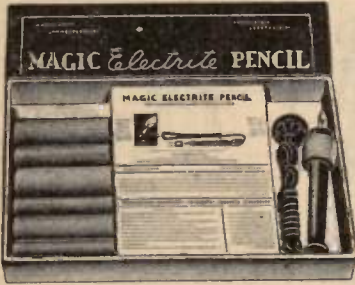
W14891—Your Cost **\$10^c**

Mail Your Orders to NEW YORK, CHICAGO or ATLANTA



SOLDERING IRONS and ACCESSORIES

Magic Electrite Pencil



Writes electrically and embosses names, monograms, initials and designs in gold, silver, red, blue, green and purple. Will emboss on any material such as wood, leather, Bakelite, cardboard, etc. Can also be used for permanent identification purposes. Operates on 110 volts, a.c. or d.c. Complete with instructions. Shpg. wt. 2 lbs.

W15157—Your Cost..... **78¢**

SOLDERING PENCIL



Compact, light-weight—you hold it like a pencil. Heats in one minute. Insulated handle, cork finger guard, 6 ft. approved cord and plug. Removable tip. Rated 20 watts. No stand necessary. For all light work. Shpg. wt. 2 lbs.

W15155—110 volts, a.c. or d.c.
W15156—6 volts, d.c.
Your Cost Each..... **72¢**



IRON STAND

Made of rust resisting metal. Curved to prevent rolling. Ruggedly built—will last as long as more expensive stands.

W15219—Shpg. wt. 1 lb.
Your Cost..... **12¢**

Soldering Iron Stand & Holder

Lined with circular, heat-radiating springs. Servicemen can pack their irons without waiting for them to cool. Also acts as stand for iron. Iron nests in holder. Shpg. wt. 3 lbs.

W15231—Your Cost..... **70¢**



Snap-it-On Iron Holder

Raises iron 2" from bench. Snaps on.

W15276—Your Cost..... **18¢**
10 for..... \$1.80



SOLDERALL

Mixture of paste and powdered solder. Will solder all metals but aluminum.

W14860—10 for..... 75¢
Your Cost Each..... **8¢**

MARVEL SOLDERING IRON



Conservatively rated at 40 watts. Operates on 110 volts, a.c. or d.c. Nichrome wire element. Hardwood handle. Overall length 10 1/4", copper tip 2 1/4". With 4-ft. cord and plug. Suitable for all radio service and experimental work. Holds its heat well. Can be used in tight corners where a larger iron is likely to damage resistors, condensers, etc. Shpg. wt. 1 lb.

W14873—Your Cost, Special..... **28¢**
Per Dozen..... \$3.05

ESICO HIGH QUALITY SOLDERING IRONS

Esico Irons are preferred by professional and amateur alike. "Constant Duty" irons have replaceable elements of nickel chrome wire. "Midget" and "Junior" models are wound with Grade A nichrome wire. All models have heat proof handles. Shpg. wt. 3 lbs.

W14848—MIDGET MODEL..... **\$1.03**

Your Cost—65 Watt, 110 Volt

W14854—JUNIOR MODEL..... **\$1.62**

Your Cost—100 Watt, 110 Volt

CONSTANT DUTY MODELS

W15190—100 Watt, 110 Volt..... **\$3.23**

Your Cost.....

W15191—130 Watt, 110 Volt..... **\$4.55**

Your Cost.....



ESICO "Special" Iron

A genuine Esico Iron at an exceptionally low price. This is an excellent iron for those having only occasional use for a soldering iron. Heating element is of nichrome wire. Heats up in surprisingly short time. Handle is of black wood. Steel shank and brass ferrule. Consumes 55 watts. With 2 tips. Shpg. wt. 3 lbs.

W14849—Your Cost..... **75¢**

JACKSON SOLDERING IRON

This is a full size soldering iron. 11" in length. Black enamel handle and nickel plated metal case. Removable tip 1/4" in dia. 50 watt iron. Shpg. wt. 2 lbs.

W14850—List \$1.25. Your Cost..... **65¢**

JACKSON Heavy Duty Irons

110 Volts A.C.—D.C.

Extra heavy duty irons designed especially for industrial or shop use. Heating element and all parts are renewable. Tip removable. Metal parts nickel plated. Designed for constant service. Shpg. wt. 2 lbs.

75 watt iron. List \$2.75. **\$1.50**

W14874—Your Cost.....

100 watt iron. List \$3.75. **\$1.85**

W15278—Your Cost.....

W14853—Your Cost.....

Trutest DeLuxe Irons



Such outstanding features as—gun-metal tube—ni-chrome element wound on steel core—mica insulation—throughout—spring cord protector—rubber plug. Complete with wire iron holder that prevents accidental damage to top of work bench. All work on either a.c. or d.c. Shpg. wt. 3 lbs.

W15180—75 Watt, 110 Volt..... **\$1.45**

W15197—Same for 220 Volt..... **\$1.65**

W15182—100 Watt, 110 Volt..... **\$1.85**

Your Cost.....

W15198—Same for 220 Volt..... **\$2.20**

W15184—150 Watt, 110 Volt..... **\$2.95**

Your Cost.....

W15199—Same for 220 Volt..... **\$3.25**

Trutest "SPECIAL" SOLDERING IRON

Here is the soldering iron buy of the year. A sturdily constructed electric iron, complete with two screw-on tips, approved cord and plug, replaceable elements of quality nichrome wire in porcelain tubes. 60-watt iron is furnished with two 3/16" tips, 5-ft. cord and rubber plug. 75-watt iron with one 1/4" tip and 5-ft. cord. 100-watt size has one 1/4" tip and 6-ft. cord. Shpg. wt. 3 lbs.

W14892—60-watt iron..... **59¢**

Your Cost, Complete.....

W14894—75-watt iron. Your Cost..... **85¢**

W14893—100-watt iron. Your Cost..... **95¢**

"AMERICAN BEAUTY" IRON



America's most famous soldering iron. Made for those who want the very best. The very finest materials and workmanship throughout. Metal parts are nickel plated and highly polished. Improved heat-proof handles. Length 12 1/4". Full 100 watt rating. Complete with 1/4" tip and cord. Model 3138

W15171—Your Cost..... **\$5.85**

A smaller "American Beauty" with straight metal case for ease in soldering in corners and tight places. Consumes 50 watts; 1/4" tip. Shpg. wt. 2 lbs. Model S76

W15172—Your Cost..... **\$3.45**

LENK Automatic Blow Torches—Alcohol Type

Type A: Double burner, one for needle point flame, add the attachment for heavy flame. Has cleaning pin in handle. Size: 7 1/4 x 4 1/4 x 2 1/4". Wt. 4 lbs. W14867—No. 350. Your Cost..... **\$2.35**

Type B: A handy little torch for the tool box. Leak proof. Screw cap makes loading easy. Copper heat conductor generates rapidly. Size: 6 1/2 x 2 1/4 x 1 1/4". Shpg. wt. 2 lbs. W14868—No. 66. **88¢**

Your Cost.....

KESTER Dependable Radio Solder



Preferred by radio men everywhere. Will not spatter. Makes clean joints. Servicemen and other large users will find it more economical to buy their solder this way. Flux in core.



An entirely new, different, and far more efficient soldering paste flux, designed for the serviceman, constructor, and for speeding-up production. Results in better soldering. Packed in handy sized tins. Contains 2 oz. of flux. Only small quantity necessary for joints and that little makes a clean, bright joint.

W15278—Your Cost..... **12¢**

Your Cost.....

Per Tin
1 lb. Spool
5 lb. Spool

Rosin Core		Acid Core		Alum. Solder	
Stock	Cost	Stock	Cost	Stock	Cost
W14857	\$0.15	W14878	\$0.15	W14876	\$0.17
W14858	.71	W14877	.71	W14845	1.94
W14859	3.40	W14879	3.40		

KESTER Paste Flux



LENK Torch Gasoline Type

For service men and mechanics. Has flame control, shut-off valve, and many other features. Height 7 1/4", base dia. 3". Polished brass finish. Capacity 3/4 pint. Shpg. wt. 4 lbs.

W14855—List \$2.00..... **\$1.18**

Your Cost.....

W14856—Same, but for alcohol. Your Cost..... **\$1.32**



PRICES SUBJECT TO CHANGE...WITHOUT NOTICE



IT IS a far cry from the savage method of communication—the primitive relay of the tom-tom booming across a jungle—to the clear, crisp, true fidelity sound reproduction of today. In the short span of time that sound amplification has stepped from the laboratory to practical application, there have been revolutionary steps forward. Public Address is no longer a fad. It is now a very important adjunct to many commercial and social enterprises—to the concert hall, to the public forum, to the church, to the halls of learning, to carnivals of music and sport, of news and of drama.

Lafayette, long a pioneer in research and practical development of sound amplification equipment, opens another chapter in the history of its technical achievements—a masterwork of modern Sound engineering, designed for the future—an accomplishment that will prove of vital interest to sound technicians.

LAFAYETTE CO-ORDINATED SOUND SYSTEMS! Completely assembled, practical sound systems that eliminate the “guess work” in P.A. No more trouble with speakers that do not match with the amplifier — or with incorrectly selected microphones. No more guessing about how much the *entire* system will cost. In brief, Lafayette Co-Ordinated Sound Systems are packaged units — most simple to install—ready for instant operation. And they are the last word in design and construction—simple to operate—life-long in service.

On the following pages we proudly present an array of systems applicable to schools, businesses, churches, theatres, in fact every “sound” need, at prices far below what you would expect to pay for equipment of equal quality. With Lafayette, you are equipped to undertake whatever new sound engineering projects the future may hold in store.

Lafayette Co-ORDINATED SYSTEM

5 TO 8 WATTS *Wide Range*



BALLYHOO

CO-ORDINATED
Lafayette
SOUND SYSTEMS

**FOR USE WITH
ANY TYPE
OF MICROPHONE**

\$13³⁵
Amplifier
ONLY



THIS, the newest of the Lafayette "baby" amplifiers, represents the culmination of many years of work in building the finest small amplifiers available as standard models. It incorporates all of the features suggested by the many thousands of users who have placed their own personal "seal of approval" on these units.

An amplifier of this size can be, and is, used for so many different purposes that it is important that no feature be omitted. This model includes such important features as a continuously variable tone control, a mixer control for mixing either of two low gain channels with the microphone channel, a pilot light, the new octal base tubes, jeweled pilot light, etc. It can also be used for industrial applications in connection with photo-cells without making any changes in the amplifier whatsoever.

In short, if your requirements call for a small amplifier with an unusually high output for its size, and a wide array of features, then the model 245-A is the one.

The model 245-A can be used with crystal, velocity, sound cell or electro-static type of microphones such as the velophone and velotron. It can also be used with any high impedance phono-pickups either magnetic or crystal and can also be used with photo-cells.

Employs Mixer-Fader

A mixer fader control permits fading from one low gain channel to the other as well as mixing either of the two with the high gain channel. A tone control permits varying the high frequency response of the amplifier to suit the individual preference of the listener as well as to compensate for room acoustics. Both input and output sockets are on the rear of the amplifier. A shielded input plug as well as an output plug is furnished.

The tubes employed include: 2-6J7's, 1-6N6 and 1-5V4G. Octal sockets are incorporated in the amplifier and glass type as well as metal tubes can be used. (Metal only in pre-amplifier stages.)

Rated output of the amplifier is 5 watts with a peak rating of 8 watts. Overall gain is 130 db at an input impedance of 5 megohms. Six watts of field current is furnished by the amplifier for a 1000 ohm speaker field. A metal screen cover is available separately for protecting the top of the amplifier from falling objects and prying fingers.

Output impedance is 7000 ohms. Input impedances are 5 megohms for the high gain channel and 500,000 ohms for the low gain channels. Frequency response 2 db 50 to 10,000 cycles. The chassis is of sturdy steel construction and is finished in durable and attractive rubber black lacquer. Overall dimensions: 12" x 6 3/4" x 7 1/4" high. It is so designed that a speaker can be mounted upon the top of the chassis making a single compact speaker-amplifier unit which can then be mounted on a standard rack panel or in a cabinet if desired. Power consumption from the a.c. line is 60 watts.

Model 245-A—Lafayette 5 to 8 watt Amplifier less tubes and screen. For 110 volts 50/60 cycles a.c. Code ARTAK. Shpg. wt. 14 lbs. List Price \$26.70.

YOUR COST \$13.35

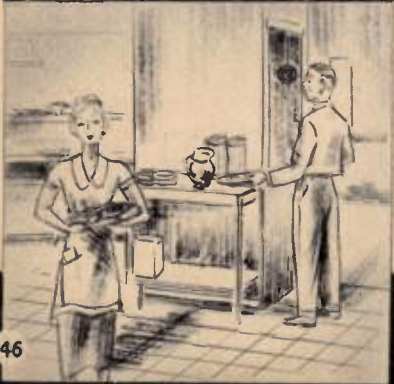
Model 245-T—Same as above, but complete with kit of matched tubes.

YOUR COST \$16.60

Model 245-DF—Protective steel screen only as illustrated on amplifier. Finished to match amplifier. Sturdy spot welded construction. Shpg. wt. 5 lbs.

YOUR COST \$.98

CALL SYSTEMS



BLENDING.



WITH Unlimited APPLICATIONS

It is practically impossible to list here all of the possible applications for which this new Lafayette 5 to 8 watt "Co-ordinated" System can be used. It is capable of such excellent reproduction that no matter what the application may be this, the smallest of the "Co-ordinated" Systems, will provide the utmost in performance.

When used as a call or announcing system, its crisp, clear reproduction of the human voice will be particularly appreciated. And, when used for the reproduction of music, the full frequency range of audible scale is faithfully rendered.

True rendition of all musical notes is assured. Small orchestras, playing in small dance-halls, etc., where no great amount of amplification is required, will find this system ideal for their use. It is also an excellent system for installation in hotels, restaurants and similar places, to pick up the music from an orchestra in order to "pipe" it to the lobby, rest room, private dining rooms, etc. Airport and bus waiting rooms find it just the thing for announcements of schedules and the entertainment of those waiting—the phonograph turntable furnishes hours of pleasant music.



DEMONSTRATORS

Irrespective of whether the system is to be used for public address work by a demonstrator, for music amplification by an orchestra or as a call system, it will always consist of three essential units—the microphone—the amplifier—and the speaker. If these three are chosen haphazardly they may work together satisfactorily but usually do not prove as successful as when all three are carefully selected and tested together by a competent engineer. To provide some simple means of identifying systems that have been selected scientifically, Lafayette engineers have chosen to call these systems "co-ordinated". This is why Lafayette "Co-ordinated" Sound Systems are so much better. Each system will provide the utmost in performance acoustically, electrically and mechanically.

A Multi-Purpose System

Even though the Lafayette 5 to 8 watt "Co-ordinated" System is the smallest in the Lafayette line it has been assembled with the same care that is used in assembling the largest system. It is one of the most efficient systems yet developed and is equally suited for the reproduction of music with all its overtones and for crisp, clear rendition of the human voice. Thus this system can be used for a call system between the office and the stock room, the restaurant and the kitchen, the telephone switchboard and the factory, etc. It can be used as a public address system by a window demonstrator, a lecturer, or an entertainer. And it can be used to reproduce music from an orchestra or a phonograph record with equal facility. This feature makes it ideal for the smaller establishment where quite often the recording takes the place of the orchestra.

**Complete "Co-ordinated"
Sound System Ready to Use**

\$35⁵⁰



The complete "co-ordinated" system includes the model 245-A amplifier and screen cover, a powerful and full toned 11" electro-dynamic speaker, one of the new Lafayette Velephone microphones, a modern clutch-type floor stand for the microphone, 25 feet of speaker cable, and a full complement of tubes for the amplifier. The only accessory not included is a baffle for the speaker, the design of which is dependent upon the exact purpose for which the system is to be used.

Complete Instructions

Complete instructions for connection and operation of the system are included. These instructions are so clear that even an inexperienced person can connect the system and put it in operation in a short time. All controls are on the face of the amplifier and their operation is easily mastered.

While the Velephone microphone is included as standard equipment with the system, this system will perform equally as well with any good quality high impedance velocity, crystal or sound-cell microphone.

Provision is also made in the system to connect a high impedance phono-pickup and other similar high output devices. The sound from these devices can then be mixed with the microphone channel to any desired degree.

System Model 801-P—As described consisting of Lafayette model 245-T amplifier, screen cover, Lafayette 11" electro-dynamic speaker, 25 feet of speaker cable, Lafayette Velephone mike, floor stand and complete set of tubes. For 110 volts 50/60 cycles a.c. Code SANCO. Shpg. wt. 70 lbs. List Price \$71.00.

YOUR COST \$35.50

System Model 802-P—Same as model 801-P, but with Amperite RAH velocity microphone instead of the Lafayette Velephone. Code SAPPO. Wt. 70 lbs. List \$79.00. **YOUR COST \$38.50**

System Model 803-P—Same as above, but with Shure 701-A crystal microphone and 25 ft. of cable. Wt. 70 lbs. Code SEQRO. **YOUR COST \$41.25**

PAGING SYSTEMS

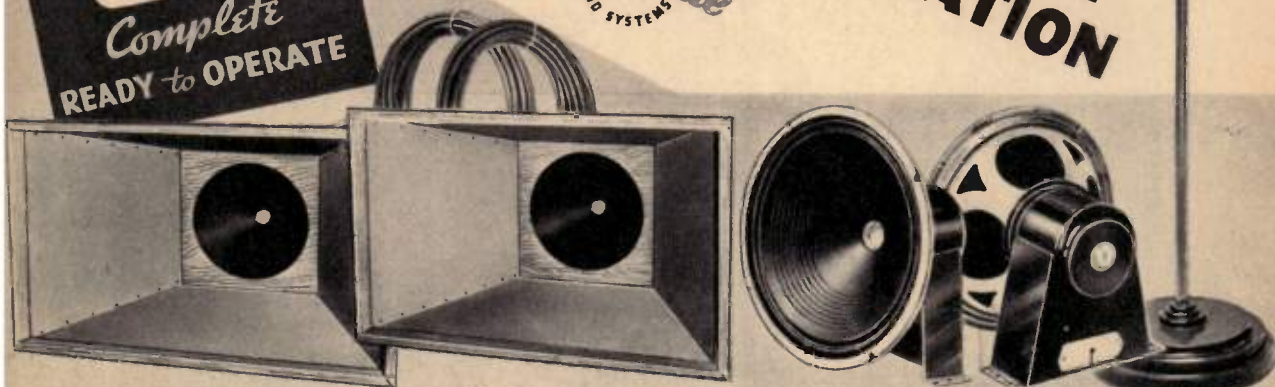


Lafayette "Co-ordinated"

15 WATTS OUTPUT
FOR MUSIC AND VOICE
UNIVERSALLY ADAPTABLE
FOR ANY APPLICATION

\$61⁵⁰
Complete
READY to OPERATE

CO-ORDINATED
Lafayette
 SOUND SYSTEMS



A NEW AND BETTER SYSTEM AT A REASONABLE PRICE

Past experience has shown that the most popular size of amplifier is in the fifteen watt class. Most dance halls, restaurants, night clubs, theatres, etc., are of such a size that this power amplifier will provide the desired results.

When Lafayette engineers started to design this new model, therefore, they decided to make this unit even better than any of the highly popular models previously offered by them. It was to have all of the features that would make this model suitable for this type of installation. The experience of the many thousands of satisfied users of Lafayette amplifiers was called upon and their comments and suggestions were carefully studied. They then combined this information with their knowledge of all of the new developments that have been made during the past year in sound equipment and the result is this new and better Lafayette model 103-A amplifier.

That this model will perform better than any previous model can readily be realized when these new important features are studied: all-metal tubes, mixing and fading facilities, tone control, speaker field current supply, variable output impedances, three input channels, shielded plug-in input connections, plug-in output connections, all terminals on rear of chassis, fused power line, shielded power transformer, screen cover, triple filtered plate supply, class "A" amplification, electronic mixing, crystal, velocity, sound-cell, velophone, electrostatic or velotron mike operation. **TUBE COMPLEMENT:** 6 of the latest type, including one 6J7, one 6C5, one 6N7, two 6N6G and one 5V4G rectifier.

Technical Characteristics

Peak output 20 watts
 Rated output into 500 ohm line 15 watts
 Harmonic content at 15 watts 9%
 Hum level below 15 watts -45 db

GAIN OF HIGH GAIN CHANNEL

At 5 Megohm input impedance 140 db
 At 150,000* ohm input impedance 125 db

GAIN OF LOW GAIN CHANNELS

At 500,000 ohm input impedance 95 db
 At 150,000* ohm input impedance 90 db
 *Highest value of present day input devices. Frequency Response 2 db 50 to 10,000 cycles.

Photo-Cell Operation

The model 103-A can also be used with standard type photo-cells without making any changes in the unit whatsoever. When you install a Lafayette amplifier you install a complete amplifier that will not go out-of-date in a short time. With a single Lafayette amplifier you can use your system to amplify your orchestra, to amplify the voices of lecturers, entertainers, etc., to amplify phonograph recordings and to operate photo-cell devices.

The photo-cell feature makes the model 103-A suitable for use with automatic electron-controlled machinery of every description, such as automatic color sorters, counters, wrappers, measurers, etc. If you have a problem involving this type of work write to our engineering department for free assistance and advice.

The model 103-A can be used with two or more speakers. Field supply current of 16

watts (8 watts for each speaker) can be obtained from the amplifier to excite two 5000 ohm speaker fields. If desired one speaker with a field resistance of 10,000 ohms can be used. When more than two speakers are used the additional speakers should be of the permanent magnet dynamic or self-excited a.c. type.

Three Input Channels

Three input channels are provided. Two of the low gain type are for use with phonopickups and other high output devices; the other channel is of the high gain type and is for use with any modern mike. This channel is also for use with photo-cells.

A fader control permits instantaneous fading from one low gain channel to the other, and a mixer-gain control permits mixing the microphone channel with either of the two low gain channels to any desired degree.

An oversized output transformer offers output impedances to match any speaker combination. The following are available: .35-.6-1.35-2-4-6-8-15-50-250-500 ohms.

Model 103-A - Lafayette 15 watt Amplifier only less tubes and screen. Dimensions 6 3/4" x 17" x 8 3/4" high. For 110 volt 50/60 cycles a.c. Code ANGER. Shpg. wt. 30 lbs. List \$38.90.

YOUR COST

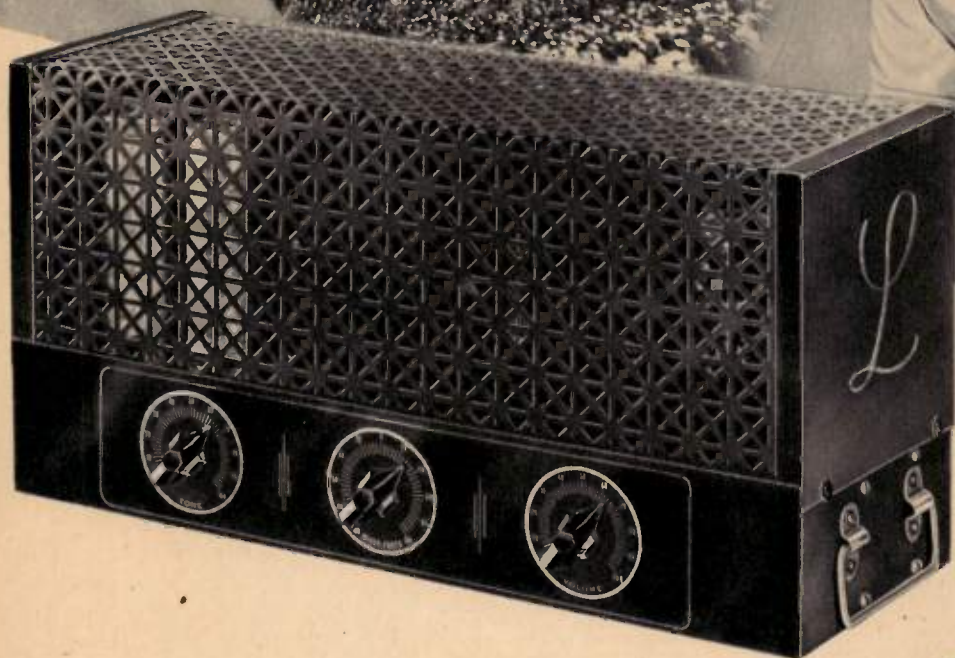
\$19.45
 Model 103-Y - Same as above, but with complete set of matched tubes.

Code ASBAR. YOUR COST \$24.45

Model 103-DF-Screen Cover for amplifier as shown in large illustration. Shpg. wt. 2 lbs. Code AULLO. YOUR COST \$1.50

Note: Speaker Baffles are included in Systems

P.A. SYSTEM



The complete Lafayette 15 watt "Co-ordinated" Sound System is known as model 806-P and consists of the Lafayette model 103-A amplifier, two 12" auditorium type high fidelity speakers, two flare baffles, one Lafayette velocity microphone and one floor stand. Like all of the new Lafayette "Co-ordinated" systems this new 15 watt system has unit matched components which have been carefully selected to work together by Lafayette engineers. You don't have to "guess" or "hope" that the various components will work together satisfactorily—you "know" when you buy a Lafayette "Co-ordinated" Sound System.

MANY USES

The model 806-P 15 watt system is an ideal system to use for the majority of permanent installations in dance halls, auditoriums, restaurants, etc., having an approximate capacity of 1000 persons. Reproduction is unusually clear and true in fidelity to the original sound due to the excellent amplifier which is the heart of this system. Lecturers and entertainers like it because it does not "do things" to their voices. Orchestra leaders like it because they know it will reproduce faithfully all the shades and nuances of tone that they strive for so carefully.

The system offers complete facilities for putting on all types of entertainment. It incorporates, as described on the preceding page, three input channels so that entertainment by means of the microphone, by means of a phono-record or by means of sound "effects" records, may be reproduced by this system—a system that is truly complete in every respect.

Only two speakers are supplied with the standard system, but the amplifier included with the system is powerful enough to operate as many as five speakers at 3-watts each, or ten at 1½-watts each. In order to obtain some idea as to the amount of power three watts represents, just recall the maximum volume of sound obtainable from the average large mantel type receiver (not a midget)—it is about 3 watts. For additional speakers, refer to pages 74 and 75, and choose either permanent magnet dynamic or self-excited a.c. types. If in doubt, write to our free consultation department, giving all pertinent information possible.

As explained above, a record player can also be used with this system. For complete descriptions and price information, refer to page 68.

Lafayette "Co-ordinated" 15-Watt Sound System Model 806-P—As described above, including: one Lafayette model 103-T amplifier, 103-DF screen cover, one model W-13627 Lafayette Velocity microphone with 12-ft. of cable, one model W-13647 floor stand, two model W-19238 Lafayette 12" Concert speakers, two model W-19838 Lafayette flare baffles, 50 ft. of speaker cable, and a complete set of tubes for the amplifier. Shpg. wt. 140 lbs. Code SEDIA. List \$126.50.

YOUR COST \$63.25

System Model 807-P—Same as the above, but with Lafayette Velophone mike in place of the velocity mike. Shpg. wt. 140 lbs. Code SELLO. List Price \$123.00. **YOUR COST \$61.50**

System Model 808-P—Same as model 806-P, but with Shure 701-A Crystal mike, instead of the velocity mike. Shpg. wt. 140 lbs. Code SELNI. List Price \$134.50. **YOUR COST \$67.25**

\$19⁴⁵
AMPLIFIER ONLY



LAFAYETTE Systems are Complete!

NEW! BETTER! Lafayette



When the Lights are off—



and the Amplifier is in the Dark—



The LAFAYETTE "Neo-Dial" Provides all the Light You need to Operate This System!



The Most Sensational Amplifier Ever Offered!

Here at last is an amplifier so far ahead of anything ever offered before that no comparisons can be made. Its appearance alone already stamps it as unusual. For here is an amplifier that dares to be different! It is modern—strikingly so! From its new black and silver design to the new "neo-dials" it breaks all tradition. Gone is that uninteresting lifeless housing of amplifier components and in its place we find a bright refreshing case containing all that is new and modern in amplifier engineering.

New "Neo-Dial"

The first thing that strikes your eye is the new "neo-dial" with its neon-like lighting that greatly facilitates the adjustment of the amplifier controls in dark corners. When the amplifier is used in a night club or restaurant, and the spot light is only on the entertainer with the rest of the room in darkness, this feature is of vital importance. A soft light shines steadily through the dial and permits accurate adjustment of the controls at all times.

"Reverse Feedback" Circuit

But it is not only in external appearance and refinements that the new Lafayette model 131-A is different. Internally as well we find features far in advance of anything previously offered. Chief among these is the new "reverse feedback" circuit that permits high outputs with the very minimum of distortion. Crystal clear reproduction now takes on a new meaning with this marvelous improvement in circuit design.

Automatic Equalization

The automatic equalization of frequency response is another unusual feature of this new amplifier. The gain of the amplifier is automatically controlled so that amplification of various frequencies is compensated for according to their strength. This feature is found only in these new Lafayette amplifiers.

All-Metal Tubes

Six all-metal and one glass tubes are used in this new amplifier to assure the most modern performance. Thus, up-to-the-minute tube complement assures the user of quality and dependability.

Two of the latest "beam power" type 6L6 tubes are employed in the output stage. These tubes make possible a new high in efficiency and fidelity.

— Technical Data —

Peak power output	30 watts
Rated power output into 500 ohms	20 watts
Harmonic content at 20 watts	3%
Frequency Response—1 db 50 to 10,000 cycles.	
Hum level below rated output	52 db
Amplification (gain):	
High gain channels—	
at 5 megohms	138.6 db
at 150,000* ohms	123.4 db
Low gain channels—	
at 500,000 ohms	94.2 db
at 150,000* ohms	89. db
*Highest impedance of average input device.	

4 Input Channels

A total of four input channels is provided, two being high gain and two low gain. The high gain channels are for microphone input. Either crystal, velocity, velophone, velotron, dynamic, or sound cell microphones may be used. The two low gain channels are for use with electric guitars, phono-pickups, etc. A built-in two position electronic mixer permits mixing and fading of two input devices.

Photo-Cell Input

Either of the two high gain channels can be used directly with photo-cells without making any changes in the amplifier itself whatsoever. Thus, voice and music picked up by microphone, phonograph recordings and sound-on-film entertainment can be reproduced—all with the same system.

Powerful 5-Stage Circuit

A total of 7 tubes are used in the amplifier in five stages: 2-6Q7, 2-6N7, 2-6L6, 1-5V4-G.

Field Supply Current

The amplifier will supply field excitation current of 24 watts into 5,000 ohms.

This can be divided between two speakers with 2,500 ohm fields at 12 watts each or into a single speaker having a field resistance of 5,000 ohms.

Model 131-A—Lafayette 20 watts Amplifier less tubes and metal screen cover. Dimensions 6¾" x 17" x 8¾" high. For 110 volts 50/60 cycles a.c. Shpg. wt. 30 lbs. Code AYKES. List \$59.00

YOUR COST

\$29.50

Model 131-T—Same as above, but with complete set of tubes.

YOUR COST

\$35.76

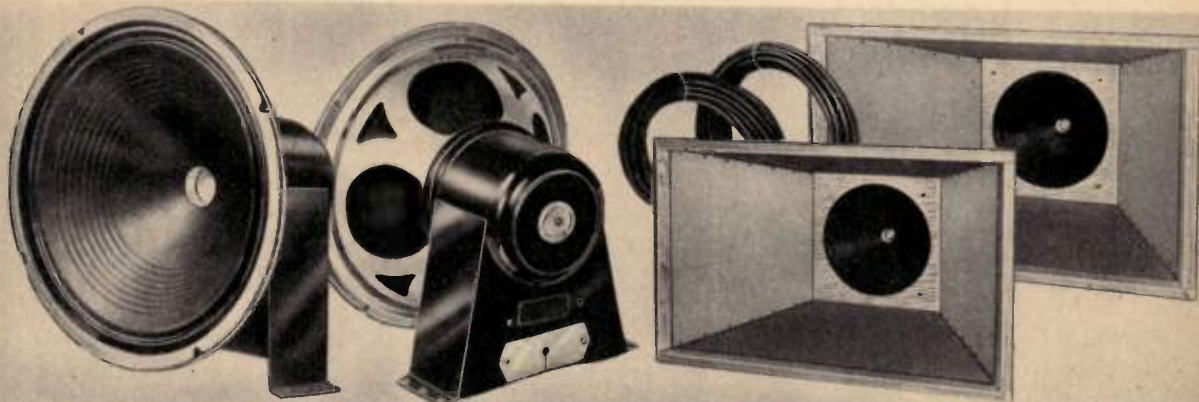
Model 131-DF—Metal screen cover only for above amplifier. Shpg. wt. 5 lbs.

YOUR COST

\$1.50

Any Modern Mike can be used with LAFAYETTE Amplifiers

20 TO 30 WATT DeLuxe Coordinated SOUND SYSTEM



THE Lafayette model 821-P "Co-ordinated" 20 watt Sound System is truly a de luxe system for average use in most sound installations. Theatres, auditoriums, dance halls, night clubs and similar places will find this an ideal system to use. The many important features included assure a highly satisfactory system for present and future needs. Practically any type of entertainment can be reproduced through the system. Its clear and crisp reproduction of the human voice insures maximum intelligibility and its excellent frequency response accounts for the high fidelity reproduction of musical instruments.

Adding to this the ability to reproduce phonograph recordings this system is without question an outstanding example of versatility.

The complete system includes the amplifier described on the preceding page, two dynamic speakers, two flare baffles, velocity microphone with floor stand, all tubes and necessary cables.

Two Mikes Can Be Used

The amplifier has a total of four input channels permitting the use of any two modern microphones at the same time. A built-in mixer makes it possible to mix the sound from these two microphones together to any desired degree. Velocity, crystal, Velephone or dynamic microphones can be used.

The exciting current required by the new electrostatic type of velocity mike is furnished by the amplifier.

When the Lafayette 20 watt "co-ordinated" sound system is to be used as the heart of a call or announcing system additional speakers can easily be added up to the full capacity of the amplifier; the actual maximum number of speakers depending upon the volume desired from each speaker.

High Fidelity Velocity Microphone

The microphone furnished with the system is the new and improved Lafayette velocity microphone which is capable of excellent performance even under difficult operating conditions. This microphone is equally suitable for music and voice and is somewhat directional in pickup but can be adjusted on the stand in a horizontal position to pickup over an area of 360 degrees. Its impedance is high enough to eliminate the need for a matching transformer yet is low enough to permit long leads from the microphone.

Model 821-P-Lafayette 20 watt Sound System as described above, including model 131-T amplifier and screen cover, two model W-19238 Lafayette concert speakers, two model W-19938 baffles, one model W-13627 Lafayette velocity microphone, 12 ft. of cable two 50 ft. speaker cables, one de luxe model W-13528 floor stand and a complete kit of tubes. For 110 volts 50/60 cycles a.c. Shpg. wt. 130 lbs. Code SENSE.

YOUR COST \$78.50
*If system is desired with any other microphone merely deduct \$11.88 from price quoted and add price of mike desired.

\$29⁵⁰
Amplifier Only

\$78⁵⁰
Complete System Ready to Operate

THIS SYSTEM WAS DESIGNED BY YOU — OUR CUSTOMERS



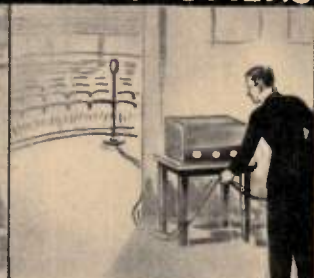
Theatres, Night Clubs, etc. wanted Good Musical Reproduction



Factory and Office Managers wanted good Voice Reproduction



Operators wanted complete Mixing and Fading Facilities



Installers wanted a System—easy to install

All of These Are Featured in the New Lafayette Co-ordinated Systems

Lafayette 30^{TO} 40

with Features Galore

Illuminated "Neo-Dial"

Field for 2 or 4 Speakers

4 Shielded Plugs furnished

For MUSIC and VOICE

For CROWDS up to 3,000

- ★Illuminated "Neo-Dial"
- ★Reverse Feedback
- ★Beam Power Tubes
- ★Automatic Equalizer
- ★Tone Control
- ★Shielded Input Plugs
- ★Photo-cell Connections

- ★Electronic Mixer
- ★Fader Controls
- ★Speaker Field Supply
- ★Variable Impedances
- ★Velephone Mike Supply
- ★Metal or Glass Tubes
- ★Four Stages

AS new as tomorrow is this Lafayette model 264-A, 30-watt amplifier. It is fully a year ahead of all competition and incorporates all of the worthwhile improvements made in this type of amplifier during the past year.

Has Everything!

Lafayette engineers incorporated so many features in this unit that only the barest description of each is possible in the limited space available in this catalog for this particular unit.

36 Watts Field Supply

Some of the more important features included are: reverse feedback, automatic equalization, illuminated "neo-dials", photo-cell inputs, velephone and veletron mike current supply.

Other features are: the use of modern "beam" power tubes, tone control, fader

controls, 36 watts of built-in field supply for two or four loud speaker fields, electronic mixer, metal tubes and others too numerous to outline.

In addition to its technical excellence appearance has not been overlooked; it is designed along modern lines.

Model 264-A-Lafayette 30-watt amplifier less tubes and screen cover. For 110 volts 50/60 cycles a.c. Size, 9x17 1/4 x 8 3/4" high. Shpg. wt. 48 lbs. Code ALTON.

List \$73.00. YOUR COST

\$36.50

Model 264-T-Same as above, but complete with set of matched tubes.

YOUR COST

\$42.98

Model 264-DF-Screen cover only for above amplifiers. Shpg. wt. 9 lbs.

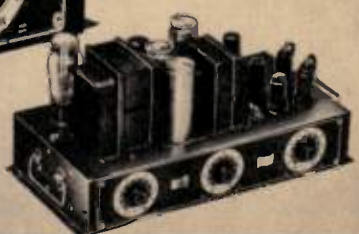
List \$3.50. YOUR COST

\$1.75

These two views of this Lafayette Co-ordinated amplifier hardly do justice to its professional appearance. It is finished in gleaming telephone-black lacquer and is sturdy enough to withstand more than average rough usage. Two carrying handles, which fold down out of the way until needed, make it easy to carry from one point to another. The dials are brilliantly colored and employ the new "neo" lighting.

\$36⁵⁰
AMPLIFIER ONLY

CO-ORDINATED
Lafayette
SOUND SYSTEMS



WATT Co-ordinated P.A. System

- Characteristics -

Peak power output	40 watts
Rated power output into 500 ohms	30 watts
Harmonic content	3%
Hum level below 30 watts	-55 db
Field supply	36 watts
Amplification (overall gain):	
High Gain Channels	
At 5 megohms input impedance	145 db
At 150,000* ohms input impedance	130 db
Low Gain Channels	
At 500,000 ohms input impedance	93 db
At 150,000* ohms input impedance	88 db
*Highest value of average input devices.	
Frequency response	± 1 db 50 to 10,000 cycles

Four Input Channels

Four input channels are provided on the Model 264-A amplifier. Two of these are for use with microphones which can be of the velocity, velotron, telephone, crystal, sound-cell or dynamic types. These channels can also be used with photo-cells for the reproduction of sound-on-film entertainment or for use with commercial devices such as electronic sorters, counters, cutters, switches, etc.

Two low gain channels are also provided and are for use with phono-pickups, electric guitars, etc. The controls for these channels are incorporated with the high gain channels so that a single fader serves as a control for both a low gain and a high gain channel. The electronic mixer permits mixing either the low or the high gain channel controlled by one fader with either the high or the low gain channel controlled by the other.

Complete Instructions

Complete instructions are furnished with the system for installation and operation. These instructions are simple and easy to understand. Anyone with even a slight knowledge of radio or electricity can learn to install and operate this system in a short time.

Glass or Metal Tubes

The Lafayette Model 264-A amplifier is designed for use with either glass or metal tubes. The sockets are of the octal type and can be used with either style of tube as desired. A total of eight tubes are employed: two 6J7's, two 6C5's, one 6N7, two 6L6's and an 83 mercury full-wave rectifier. This tube lineup provides four stages which furnish an overall gain of 130 db at the rated output of 30 watts (peak output 40 watts); harmonic content, 3%.

Complete Co-ordinated System

The complete Lafayette "Co-ordinated" 30 watt Sound System has been especially designed for use in moderately large auditoriums, dance halls and similar places. It has ample power to cover audiences as large as 2000 to 3000 persons. It incorporates every feature required for the finest possible performance.

The microphone furnished with the system is the new Lafayette Velocity, one of the finest microphones on the market today. It has an excellent frequency response (flat within plus or minus 3 db from 40 to 10,000 c.p.s.), and an output of minus 64 db. This mike is directional enough to greatly reduce any tendency toward "feedback." A shock absorber coupling, supplied with the unit, reduces noises caused by mechanical vibration.

Two Auditorium Speakers

Two Lafayette concert type speakers are furnished complete with baffles. These speakers are capable of handling considerable power without distortion and ample coverage can be obtained in most installations with just these two speakers. If desired, however, additional speakers can easily be added. Additional speakers should be of the permanent magnet dynamic type or self excited a.c. speakers.

30 Watt Amplifier

The amplifier, which is the heart of any sound system, is the Lafayette 30 watt Model 264-A described above. This amplifier will handle two microphones simultaneously and they need not be of the same type. Either velocity, telephone, velotron, dynamic, crystal or sound-cell microphones can be used providing they are of the high impedance type.

Scientifically Tested

Like all Lafayette "Co-ordinated" Sound Systems this model has been scientifically designed, checked and tested under actual operating conditions and is certified to be correct for the type of installation recommended.

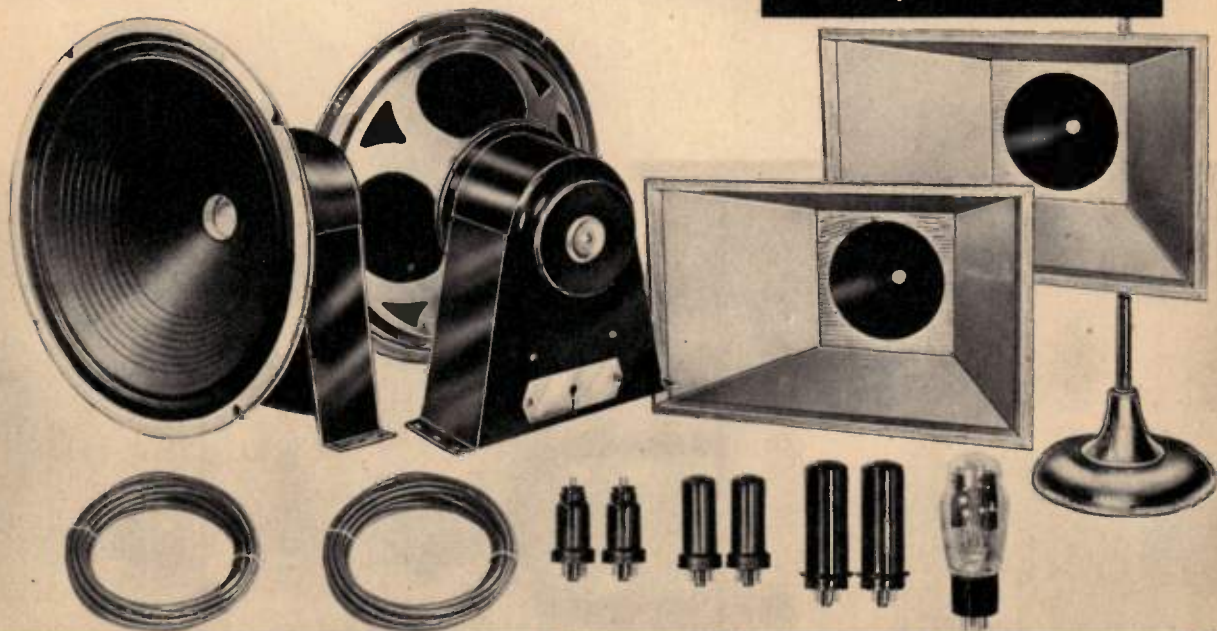
MODEL 824-P-Lafayette 30 watt "Co-ordinated" Sound System complete as described with one Lafayette 264-T amplifier and screen cover, two 12" concert type speakers (W19237), two flare baffles (W19838), one Lafayette velocity mike (W13627), 12 ft. of cable, one deluxe floor stand (W13528), two 50 ft. speaker cables, all plugs, etc., and a complete set of tubes for the amplifier. Shpg. wt. 110 lbs. Code SICCO. List \$171.90.

YOUR COST **\$85.95**

COMPLETE SYSTEM

\$85⁹⁵

Ready to Operate



Lafayette 60 TO 90 WATT

For Schools • Institutions • Colleges • Auditoriums • Theatres • Factories

For Large Installations

With very few exceptions practically all of the larger installations can be amply served by this new Lafayette 60 to 90 watt amplifier and sound system. It has power to spare yet despite this power is compact in size and extremely simple and economical to operate.

The amplifier is the most complete unit ever developed and includes every possible feature that could be desired. All of the latest improvements are included—"reverse feedback," "automatic volume control," "automatic volume expansion," "cathode ray eye output indicator," "automatic equalization," "beam power tubes," etc.

Variable AVC and AVE

Both the automatic volume control feature and the automatic volume expansion are of the variable type. Either of these is available at the turn of a switch. The AVC is a distinct advantage where the input to the amplifier is a variable factor. It prevents blasting and consequent overloading of the loudspeakers and distortion of the sound. The AVE is important when recordings are to be reproduced because it will compensate for the compression of the sound which takes place when the original recording is made.

Reverse Feedback

Reverse feedback is also incorporated in the amplifier and makes possible high outputs with a very minimum of distortion. This accounts for the unusually fine quality of reproduction.

Automatic Equalization

This feature is of unusual importance because it compensates for the difference in power of the various frequencies and provides an overall response which is unusually flat.

Cathode Ray Eye Indicator

A cathode ray eye output indicator is mounted on the face of the amplifier control panel so that a constant check is had over the output. This feature is of great help in preventing distortion and overloading.

Mixing and Fading Facilities

A total of four input channels is provided. Two of these are high gain for use with microphones and two are low gain for use with phono pickups and other high gain output devices. Practically any two channels can be mixed together.

Technical Characteristics

The Peak power output of the amplifier is 90 watts with a rated output of 60 watts. Harmonic content at 60 watts is 3%. Overall gain: High gain channels—140 db; Low gain channels—88 db; Frequency response—50 to 10,000 cycles within 2 db; Output impedances—35-6-1.35-2.4-6-8-15-50-250-500 ohms; Field supply—40 watts; Hum level—50 db below 60 watts.

The model 293-A has an unusually wide frequency range from 50 to 10,000 cycles with an overall response within 2 db providing true high fidelity reproduction.

5 Stages—14 Tubes

Fourteen tubes are employed in five stages including: 2-83's, 4-6L6's, 1-6F6, 1-6L7, 1-6H6, 1-6J7, 2-6Q7, 1-6N7 and 1-6E5.

Model 293-ADF—Lafayette 60 watt Amplifier with screen but less tubes. Dimensions overall: 11 1/4" x 18" x 8 3/4" high. For 110 volts 50/60 cycles a.c. Shpg. wt. 49 lbs. Code AMASI.

List Price \$119.00. **\$59.50**

YOUR COST

Model 293-TDF—Same as above but with set of matched tubes.

Code ACHET. YOUR COST ... \$69.95

\$59⁵⁰
WITH SCREEN COVER



COORDINATED
Lafayette
SOUND SYSTEMS

Coordinated SOUND SYSTEMS

Railroad and Bus Terminals • Airports • Sport Fields • Arenas • Ships • etc.

Complete "Co-ordinated" System

A complete Lafayette "Co-ordinated" 60 watt Sound System incorporating the Lafayette 60 watt amplifier is available. This system includes, besides the amplifier, four concert type Lafayette dynamic speakers (W19237), four baffles (W19838) for the speakers, one Amperite streamline velocity microphone (W13565) with 12 ft. cable, one de luxe floor stand (W13528), 50 ft. of cable for each speaker and a complete set of tubes for the amplifier.

Full Instructions Included

Complete detailed instructions are included for installing and operating the system. Lafayette "Co-ordinated" Sound Systems are so designed that connection of the various components is a simple matter and the installation can be made in a minimum amount of time.

Model 840-P-Lafayette 60 watt "Co-ordinated" Sound System as described above for 110 volts 50/60 cycles a.c. Shpg. wt. 540 lbs. Code SGARI.

List Price \$299.00.

YOUR COST

\$148.50

Special Custom-Built Cabinet Systems

The Lafayette 60 watt "Co-ordinated" System is also available in cabinet models with complete facilities for all types of entertainment. These systems are especially designed for use in schools, colleges, institutions, factories, offices, arenas, etc. Because requirements vary according to the particular purpose for which the system is to be used these systems are not carried in regular stock but are made up to order—custom-built. However, in order to keep costs at a minimum, certain components are standard. These components include the cabinet, speaker switching panels, etc. By this method we are able to offer the finest systems at a very low cost. We will gladly estimate upon a special system if the suggested system illustrated at the right does not meet your requirements.

Many Important Features

The following features are available in these de luxe cabinet systems: choice of automatic or plain record player; superheterodyne radio tuner; room speaker switching panels in sets of 10 (up to three sets can be used [30 speakers]); provisions for talk-back from room speakers; monitor speaker.

Suggested School System

A system suggested for the average installation in schools is illustrated at the right. This system includes a Capehart Automatic Record Changer which will play 12 records automatically in sequence—a superheterodyne radio tuner for short wave and broadcast stations, switching panels for 30 room speakers arranged so that any one or all of the thirty speakers can be turned on or off and with provisions for connecting the individual room speaker to the input of the amplifier so that the teacher in the room can talk-back to the operator of the system through the speaker. All controls are at the correct height for ease in operation; the amplifier is operated by means of standard type remote control and the radio tuner is mounted in a slide type drawer.

Beautiful Console Cabinet

The complete system is housed in a beautiful hardwood console of modern design with doors at the front to totally enclose the system. The record changer is housed in the top of the cabinet and is fully accessible. Nothing has been spared to make this one of the most attractive sound systems ever offered to schools and similar institutions. The tuner is on a sliding shelf; can be pushed out of the way when not in use.

The system is extremely simple to operate and requires no special knowledge. All controls are clearly marked so that it is practically impossible to make an error. The power output is more than ample for most installations of this character and consequently the controls are not very critical. Any type of microphone can be used with the system—velocity, velotron, dynamic, crystal, sound-cell or velophone.

The system is furnished less the room speakers and microphones since the type and number of these items will vary according to the particular requirements of each installation. For the speakers we recommend the use of permanent magnet dynamic speakers, a complete selection of these will be found on pages 75 and 76. The type of baffle to be employed with these speakers will vary with the conditions surrounding each speaker installation. For the classrooms a plain cabinet or flat baffle will be entirely satisfactory but for the auditoriums a projector type of baffle will usually be found necessary. If in doubt as to the best speaker to use write to our public address consultation division for advice. Be sure to give as complete details as possible to guide us in our recommendations. We will also gladly estimate upon special systems built to your order. These estimates are cheerfully given and place you under no obligation whatsoever.

Model 1030-T—Lafayette 60 watt Standard "Co-ordinated" School System as described above and as illustrated. For 110 volts 50/60 cycles a.c. Complete with tubes. Overall dimensions: 51" high, 33" wide, 19" deep. Shpg. wt. 400 lbs. Code TEMER. List Price \$950.00
YOUR COST **\$475.00**

\$475
Complete LESS SPEAKERS



Lafayette



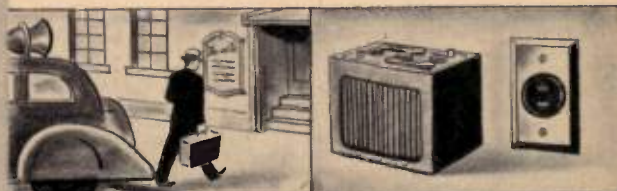
20-Watt Universal Portable System Self-Contained - No Power Packs!

Lafayette engineers have done it again! A portable system for both 6-volt battery and 110-volt a.c. operation without troublesome plug-in power packs. A complete system at the price of an incomplete one. You don't have to buy any additional power equipment for the New Lafayette model 321-P because it is complete for operation on both types of power supply in its original form—and does more things and does them better than any other similar unit.

Quickest Changeover Ever Developed

An outstanding feature of the new Lafayette model 321-P is the speed and simplicity with which the system can be disconnected from the car and reconnected to the 110 volt 60 cycle a.c. power line. A simple cable consisting of a plug and two heavy rubber covered leads is furnished for permanent connection to the storage battery in the car. Another cable with an ordinary house type plug is provided for connection to the a.c. outlet. Changeover from the car to indoor operation merely consists of pulling out the battery cable plug from the amplifier and connecting the house current cable plug instead—a matter of five seconds time. The changeover operation is complete—both amplifier and phonomotor are instantly converted for either type of current operation.

The tremendous advantage of this feature is obvious to the sound dealer and technician. It is invaluable in political rallies where speeches are made outdoors from a car or truck and then the crowd brought indoors for a continuation of the rally. Still another use is the special sale announcing truck which is customarily rented from the P.A. agency for a short period of time. All in all, it is a sure-fire money-maker.



FROM CAR TO AUDITORIUM BATTERY OR HOUSE CURRENT OPERATION

High Fidelity - 20 Watts Output

The amplifier included in the Lafayette model 321-P employs 9 tubes in a newly developed circuit that is exclusive with Lafayette. The rated output of the amplifier is 20 watts with a peak rating of 30 watts. Harmonic content at the rated output is only 4%. The hum level is 58 db below the rated output of 20 watts. Overall gain is 118.4 db at an input impedance of 150,000 ohms or 133.6 db at 5 megohms. Input impedance for the microphone is of the high impedance type suitable for use with any standard high impedance type microphones. Output impedances available are .35-.6-1.35-2.4-6-8-15-50-250 and 500 ohms.

Plug-In Type Connections

A jack is provided for the connection of a microphone the sound of which can be mixed, by means of the built-in electronic mixer, with the sound from the record player to any desired degree. The record player is equipped with a crystal pickup, volume control and speed regulator. A tone control is also provided for varying the high frequency response to suit individual preferences and to compensate for poor room acoustics. Two receptacles are provided for the connection of loud speakers which should preferably be of the permanent magnet dynamic type in order to conserve battery current and to eliminate the need for field exciters when used on a.c.

The external case is of metal beautifully finished in bluish-grey wrinkle lacquer with a contrasting stripe of polished chromium. Rounded corners and correct proportions make for ease in carrying the system from one location to another and prevent damaging the upholstery of the car. Overall dimensions are 14 1/4 inches deep, 19 inches wide, 10 inches high. The case is equipped with a comfortable leather carrying handle at one end. All hardware finished in nickel. Space is provided in the cover for carrying records.

Model 321-P—Lafayette 20 watt Universal Portable System for operation on both 6 volts d.c. and 110 volts 50/60 cycles a.c. Shpg. wt. 80 lbs. Code SCFLT.

YOUR COST \$89.50
Model 321-T—Same as above, but complete with 1-6J7, 1-6C5, 1-6N7, 1-6E6, 4-79's, 1-83, tubes. Shpg. wt., 84 lbs. Code SEROB. YOUR COST \$96.40

A Complete System

Two very popular complete systems are available including the Lafayette model 321-P amplifier. These systems are ideal for rental purposes. The power output of 20 watts is sufficient for most jobs and in addition they can be used for both fixed and mobile installations without packs. System Model 875-P consists of the model 321-T amplifier and tubes, two Jensen PM12-C permanent magnet dynamic speakers with 25-foot cables, a D-104-N hand type crystal microphone, both 6 v. and 110 v. a.c. operation. Shpg. wt. 125 lbs. Code SMOCA.

YOUR COST \$129.50

System Model 876-P is the same as the above system but includes two aluminum dome baffles and two mounting fixtures for mounting the speakers. System illustrated above. Complete with tubes ready to operate from both 6 volts d.c. and 110 volts 50/60 cycles a.c. Shpg. wt. 140 lbs. Code SBATO.

YOUR COST \$145.95

PORTABLE AMPLIFIER

\$89⁵⁰

COMPLETE FOR BOTH
6V. AND 110V. OPERATION!

Just imagine! At this price you get the equivalent of two separate amplifiers—plus the flexibility and increased profits that an amplifier of this type permits. Every radio and P.A. establishment should own one of these remarkable dual-purpose amplifiers. Order yours now.

CONVERTIBLE SOUND SYSTEMS

OPERATE FROM BATTERY OR HOUSE CURRENT

15 WATT REMOTE CONTROL Convertible AMPLIFIER

This amazingly compact and powerful amplifier will convert any passenger car or truck into a highly efficient sound car. It takes up practically no room at all in the car since it mounts under the dashboard out of the way just like a modern auto radio receiver. And, like an auto radio, it is equipped with a remote control that mounts on the steering column where it is always in front of the operator.

Mounts in the Smallest Coupe Without Affecting Passengers



A high gain channel is for use with microphone input; crystal or close talking velocity mikes can be used. The low gain channel is for phonograph or similar input devices. A full range tone control is incorporated.

Peak output is 22 watts; output to 500 ohms is 18 watts at 5% harmonic content; 15 watts at 3 1/2%. Output impedances: .35-6-1.35-2.4-6-8-15-50-250-500 ohms. Gain of the high-gain channel is 125.2 db at 5 megohms, 110 db at 150,000 ohms. Gain of low-gain channel is 80 db at 500,000 ohms, 75 db at 150,000 ohms. Tubes used are a 6I7, a 6N7 and two 6L6 "Beam" power outputs. Operates on either 6 volts d.c. or 110 volts a.c.

Model 148-A-Lafayette remote control convertible amplifier, complete with remote control units but less tubes. For 6-volt operation, 12" x 7 1/4" x 7 1/2". Shpg. wt. 33 lbs. List \$69.00.

Code AISTE.
YOUR COST

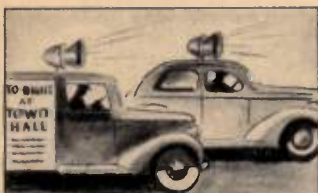
\$34.50

Model 148-T-Same as above, with tubes.

YOUR COST

\$38.27

ACCESSORIES: Complete descriptions of hand mikes (crystal type), velocity and sound cell mikes on pages 70 and 71; permanent magnet dynamic speakers, and suitable dome baffles fully described on pages 74 and 75.



FOR SOUND TRUCK OR PASSENGER CAR



CRYSTAL-VELOCITY OR SOUND CELL MIKES

20 & 30 WATT Convertible AMPLIFIERS

6 Volts D.C. or 110 Volts A.C.

Model 275A-20 Watts

More powerful and more versatile than the model 148-A amplifier listed above, the model 275-A incorporates four input circuits, two high-gain and two low-gain, any two of which can be mixed as desired for simultaneous operation. Complete facilities for any handling the most complex outdoor or indoor installation.

Incorporates Tone Control

Tone control is included for adjustment of sound quality, and to minimize feed-back at high volume operation or where difficult acoustic conditions are encountered.

Silent Gen-E-Motor

An enclosed, silent Gen-E-Motor furnishes the necessary high voltages. Included are master and stand-by switches, multi-impedance output. A maximum gain of 140.2 db permits use of velocity and sound cell mikes. Tubes used are 2-7's, 6A6, 76, 6E6, and 4-79's. Current drain is 18 amperes at 6 volts d.c.

Model 275-A-Lafayette 6-volt, 20-Watt Convertible amplifier, less tubes and screen. Size, 9 1/4" x 17 1/2" x 9 1/2" high. Shpg. wt. 37 lbs. Code ACES.

\$34.50

Model 275-S-Same as above, but with tubes. Code ACILA.

Model 275-DF-Screen for above

A.C. conversion packs for above amplifiers are listed in price box at right.

Model 266A-30 Watts

Similar in construction and inherent features to the model 275A described at left, but has a WORKING output into a 500-ohm line of 30 watts, with a peak of 50 watts!

The tube complement comprises 2-6C6's, 6E6, 4-76's, and 4-79's.

Frequency response is exceptional; 50 to 10,000 cycles within 3 1/2 db. An overall gain of 135.2 db (into 5 megohms) permits the direct use of modern velocity and sound cell crystal microphones. High voltages are obtained from a Gen-E-Motor. Other features include variable output impedances, tone control.

Model 266-A - Lafayette 30-watt convertible amplifier, less tubes and screen. Size, 10 1/2" x 17 1/2" x 10 1/2" high. Wt. 63 lbs.

Code ADROS. YOUR COST

\$54.50

Model 266-S-Same as above, but with tubes.

Code ADEAS. YOUR COST

Model 266-DF-Screen cover

\$61.79

\$1.50

POWER PACKS FOR ALL 3 AMPLIFIERS

Model 1045-PP-For adapting model 266A for operation on 110 volts, 60 cycles a.c. Less tube. Shpg. wt. 24 lbs. Code PLUTE.

Model 1050-PP - For adapting either model 148A or model 275A for operation on 110 volts

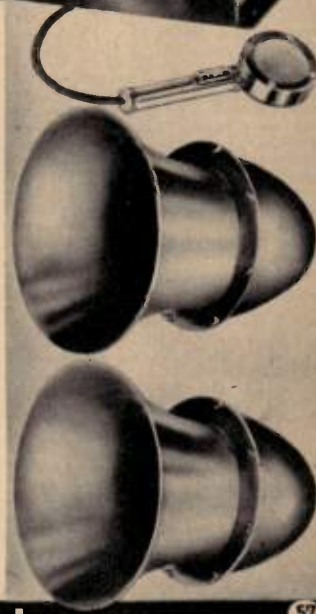
60 cycles a.c. Less tube.

Code PLIRE. YOUR COST

Above packs furnished with screens, and line cords All use type 83 rectifier.

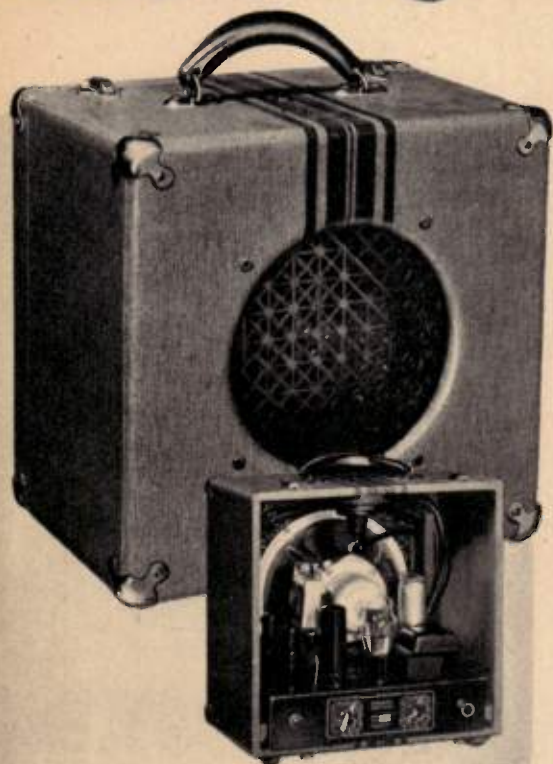
\$11.95

\$9.95



LAFAYETTE Systems are Complete!

1937-Lafayette PORTABLE



**5
WATT**

*Portable System
and Slip-in Case*

WINDOW demonstrators, entertainers, lecturers to small groups, musicians and others requiring a small compact portable system will welcome this new Lafayette 5 to 8 watt portable system. It incorporates the Lafayette model 245-A amplifier described on page 46 together with a full toned dynamic loudspeaker within an attractive airplane luggage type carrying case. The speaker is mounted permanently to the case, which acts as a baffle for the speaker, and is equipped with 25 feet of rubber covered cable.

Standard Amplifier Separable From Case

The amplifier merely "slips" into the carrying case and is the standard model 245-A. It can be placed in any convenient location and the speaker hung wherever it will distribute the sound most effectively.

Mike and Stand Carried in Case

Both microphone and the stand can be carried inside the carrying case yet the case measures only 9 1/4" deep, 13 1/4" high and 13" wide. Total weight including everything is only 28 lbs.

Lafayette Model 342-P-5 to 8 watt Portable System less tubes and microphone. Shpg. wt. 28 lbs. Code SEISE.

List Price \$51.00.

YOUR COST

\$25.50

Model 850-P-Same as above, but complete with tubes, a Lafayette Velophone mike, base type desk stand, ready for operation. Shpg. wt. 33 lbs. List Price \$79.90.

YOUR COST

\$39.75

Carrying Case Available Separately

The carrying case only less the speaker and the amplifier is available separately for those who already have the necessary equipment. The inside dimensions are 12" by 11 1/2" by 8" deep. The opening for the speaker is 6 3/4" in diameter.

Model W-22056-Lafayette 5 watt "Slip-in" Carrying Case only. Shpg. wt. 12 lbs.

YOUR COST

\$5.95



**15
WATT**

*Portable System
and Slip-in Case*

This is one of the most popular sizes of portable systems ever developed. Last year's model far outsold competitive makes. Many organizations bought these systems in quantity for use by their salesmen, demonstrators, etc. Their reports and comments were very enthusiastic. In performance, excellence of design and quality of reproduction they were far superior to anything offered at anywhere near their price.

This year, however, Lafayette engineers have added so many new improvements to this popular unit that it is without question the greatest value ever offered. Among the numerous valuable features added is a new variable tone control for adjusting the high frequency response of the amplifier; new input circuits for velophone, velotron and other microphones requiring exciting current as well as velocity, dynamic, crystal and sound-cell mikes. For a complete description of these various features refer to pages 48 and 49 of this catalog.

Housed in Airplane Luggage Case

The complete system is housed in an attractive airplane luggage carrying case covered with grey fabric and fitted with nickel plated hardware. Overall dimensions of the case are 18 1/2" by 18 1/4" by 9" deep. Total net weight of the system is 38 lbs.

Lafayette Model 359-P-15 watt Portable System less tubes and microphone. Shpg. wt. 48 lbs. Code SECCO.

List Price \$79.00.

YOUR COST

\$39.50

Model 855-P-Same as above, but complete with tubes, a Lafayette velocity microphone, a W-13647 floor stand, ready to operate. Shpg. wt. 75 lbs. Code SHURE. List Price \$119.00.

YOUR COST

\$59.50

Carrying Case Available Separately

The case used for the Lafayette 15 watt Portable System is available separately. Inside dimensions 17" by 17" by 8" deep. Amplifier just slips into case. Available for 8" or 12" speakers.

Model W-22057-Lafayette 15 watt "Slip-in" Carrying Case only. Shpg. wt. 16 lbs. List Price \$15.00.

YOUR COST

\$7.50

SYSTEMS WITH "Slip-In" CARRYING CASES

20 WATT *Portable System and Slip-in Case*

One of the most powerful single case systems available, this new Lafayette 20-watt Portable System is an excellent unit for use wherever considerable power output is required yet compactness is essential. The amplifier employed is the standard Lafayette model 131-A which is fully described on page 50. This amplifier together with two powerful 12" Auditorium electro-dynamic speakers is housed in an attractive airplane luggage type case covered in grey fabric with stripes of apple green.

Can Be Used With Two Microphones

This system can be used with two microphones simultaneously and is therefore an excellent system for the average orchestra where both a soloist and the orchestra itself must be reproduced. The system also includes all of the latest Lafayette features such as "Neo-dial" controls, metal tubes, tone control, electronic mixing, etc., as outlined on page 50.

Two Auditorium Type Speakers

Two large 12" auditorium type speakers are included with the system. The case splits into two sections with one speaker mounted in each section. Overall dimensions of the case are 18" wide, 20 1/2" high, 11" deep. Total net weight of the system is 49 lbs.

Lafayette Model 367-P—20-watt Portable System less tubes and microphone. Shpg. wt. 60 lbs. Code SORRO. **\$59.75**

List Price \$119.50. YOUR COST

Model 860-P—Same as above but complete with tubes, a Lafayette velocity microphone, a W-13528 floor stand. Shpg. wt. 80 lbs. Code SKUNT.

List Price \$167.00. **\$82.95**

YOUR COST

Carrying Case Available Separately

The case is available separately for those already owning a suitable system. Inside dimensions 17 1/4" by 18 1/2" by 10" deep. Speaker openings 10 1/2" in diameter.

Model W22058—Lafayette 20-watt "Slip-in" Carrying Case only. Shpg. wt. 18 lbs. **\$9.45**

YOUR COST



30 WATT *Portable System and Slip-in Cases*

To combine great power output and compactness in a portable system has always been an accomplishment of Lafayette engineers. But in this new Lafayette 30 watt Portable System they outdid themselves. Here is a system with a conservatively rated output of 30 watts and a peak output of 40 watts (more than enough for a 3000 seat theatre) that is contained complete with all accessories including microphone, microphone stand, 100 feet of speaker cables and two large auditorium type speakers within two very compact carrying cases.

Sparkling Life-Like Reproduction

In respect to performance no finer system could be desired. It is high fidelity reproduction at its best. All tones from the lowest to the highest are true to life. It does not "do things" to voices or music but reproduces them in all their original tonal characteristics.

So many features are included in this system that it is impossible within the limited space available to tell about them all. Most of them are fully described on pages 52 and 53 of this catalog. Most important of these include provisions for using two microphones; "neo-dial" illuminated controls; electronic mixing and fading, etc. The complete system is housed in two carrying cases, the amplifier case measuring 19" by 11 1/2" by 13" high, the speaker case 24" by 21" by 12" deep.

Lafayette Model 372-P—30 watt Portable System less tubes and microphone. For 110 volts 50/60 cycles a.c. Shpg. wt. 105 lbs. Code STINE.

List Price \$155.80. **\$72.90**

YOUR COST

Model 870-P—Same as above, but complete with Lafayette velocity microphone, 3-section, collapsible floor stand, and tubes all ready to go. Shpg. wt. 130 lbs. Code SLOUT.

List Price \$195.00. **\$96.95**

YOUR COST

Cases Only—Speaker and Amplifier

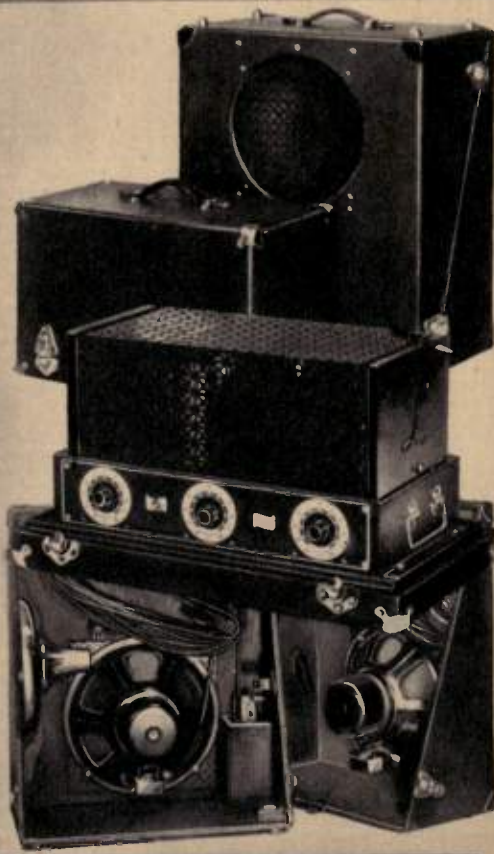
Lafayette Model W-22059—Amplifier case. Inside dimensions 17" by 9 3/4" by 9 1/4" deep. Black leatherette with nicked hardware. Shpg. wt. 18 lbs.

YOUR COST **\$6.50**

Lafayette Model W-22060—Speaker Case. Inside dimensions 19" by 22" by 10 3/4" deep. Black leatherette with nicked hardware. Shpg. wt. 24 lbs.

YOUR COST **\$9.45**

YOUR COST





30 WATT Studio MODEL

PORTABLE SYSTEM

\$**116⁵⁰**
*Complete
with Tubes*

- The Finest System Money Can Buy
- "Beam" Power - Reverse Feedback
- Enclosed Jensen A-12 Speakers
- Two Cases Hold Everything!
- A. V. C. and Expansion Control
- Mixer-Fader - Tone Control - "Eye"

TO state that this new Lafayette 365-P Studio Model Portable System is a deluxe system seems inadequate because it is more than that—it is unquestionably the finest portable system ever devised. From every possible angle this system stands head and shoulders above the crowd. In appearance it is striking. Bright, brushed and lacquered aluminum contrasts with deeply etched black metal on the amplifier panel. Warm brown walnut speaker grilles on the loudspeakers harmonize with the finest surroundings.

But it is not only in appearance that the model 365-P excels. It is in performance that the excellence of this studio model really stands out. Tone so clear and pure that one is hardly aware of the fact that a public address system is in operation in order to help you hear.

Studio Type Control Facilities

Control facilities of the Lafayette Studio Model Portable are unusually complete. Fading and mixing of any two of four input channels is possible by means of two simple fader controls and a built-in electronic mixing circuit.

Other features of the model 365-P include a cathode ray eye for visual indication of distortion and overloading, automatic volume control or automatic volume expansion at the flip of a switch, reverse feedback and automatic equalization.

10 All-Metal Tubes

A total of 11 tubes are employed in the model 365-P including 3-3Q7's, 2-6N7's, 1-6L7, 2-6L6's, 1-6G5, 1-6H6 and 1-83. The rated power output of the system is 30 watts with a peak rating of 40 watts. Harmonic content at the rated output is 5%. Hum level is 50 db below rated output. Overall gain of the high gain channels 124 db of the low gain channels 88 db. Frequency response from 50 to 10,000 cycles within 2 db.

Fully Enclosed Speakers

The speakers incorporated in the Lafayette Studio Model Portable System are enclosed in infinite baffles. Not only do these baffles contribute in no small measure to the excellence of the tone quality of the system, but they also assist in the reduction of that troublesome condition known as feed-back; this is accomplished by reducing the "back-wave" of the speakers. Another feature of these baffles is found in the angle at which the speaker can be placed. By resting the case on the end, the speaker faces upward—as for theatre use. Then, by placing the speaker case on the side the speaker will face directly forward for normal conditions.

System Model 365-T—Lafayette Studio Model Portable as described, complete with amplifier in case 19" by 12" by 21" high; two speakers in a single case 18" by 12½" by 21½" high; pair of heavy-duty rubber-covered speaker cables 50 feet long, and complete set of tubes. Less microphone and stand. For 110 volts, 50/60 cycles a.c. Shpg. wt. 140 lbs. Code SKELA.

List Price \$231.00.

YOUR COST

\$116.50

System Model 862-P—Same as the above, but includes Amperite model RBHN velocity microphone and W13528 deluxe floor stand. Complete ready to operate—no extras to buy. Shpg. wt. 165 lbs. Code SWITA.

List Price \$290.90.

YOUR COST

\$145.45



15 WATT *Theatre* AMPLIFIER

Lowest Priced Amplifier

The new Lafayette model 410-A is the lowest priced sound-on-film amplifier available that includes all the features normally found in larger and more expensive units. It comes complete for photo-cell operation and does not require any head amplifiers or similar accessories. And, in addition, it also includes exciter lamp supply for any popular type of exciter lamp in use today.

Beam Power Tubes – Electronic Equalizer

Like the large Lafayette theatre amplifier, the model 410-A also includes an electronic equalizer to compensate for bad room acoustics, optical system limitations, etc. All tubes, with the exception of the rectifier are all-metal type. The two output tubes are the new "Beam Power" tubes which make possible a new high fidelity of reproduction and efficiency.

Complete Set of Controls

All necessary controls are included: gain; tone; equalization; exciter lamp supply changeover; a.c. on-off switch. It is a complete system, and will do practically anything any of the larger systems will do (except, of course, for power output). Past experience has shown that many small and moderately large theatres require no more than 15-watts for best results. The peak output of the Lafayette model 410-A amplifier is 25-watts. Complete Technical Specifications: Rated output is 15 watts; Peak output is 25 watts; Gain from photocell channels (3 megohms) is 128 db; Gain from mike jack is 115 db; Output impedances are .35 to 15, 50, 250, 500 ohms (state impedance desired at terminals); Power Input for 110 volts, 50/60 cycles a.c., drain 125 watts; Harmonic Content is 5% at 15 watts; Field Supply 16 watts into 10,000 ohms (can be divided between two speakers at 8 watts each).

Installation of System Easy

The complete system is very easy to install. Connections for two exciter lamps and for two photocells are clearly marked. Cables especially designed for use with photocells and carefully shielded are included with the system. Photocell, speaker and a.c. line cables are of the plug-in type. A two-position fuse mounting permits adjustment for high or low line voltage merely by shifting the position of the cartridge fuse. Three taps are provided for the adjustment of the photocell bias voltage.

Microphone Operation

A jack for the connection of a microphone is provided on the amplifier, thus making it possible to use the system as a public address system as well as a sound-on-film system.

Model 410-ADF – Lafayette 15-Watt Theatre Amplifier and Screen Cover, with photocell cables and plugs, but less tubes. For 95 to 130 volts, 50/60 cycles a.c. Dimensions: 6 1/4" x 8 1/2" x 16 1/2". Shpg. wt. 50 lbs. Code AGREM. **\$35.50**

YOUR COST
Model 410-TDF—Same as above, but complete with tubes. **\$40.89**
YOUR COST

Portable System

Theatre quality in a suitcase—this most adequately describes the Lafayette model 387-P portable. Everything you could ask for in a permanent installation is here, yet it is compact enough to be easily carried from place to place.

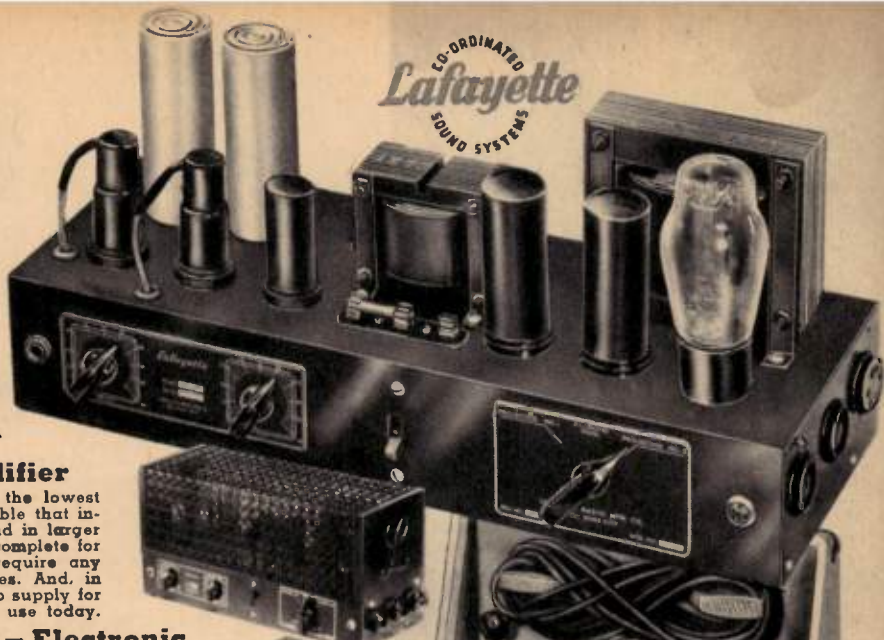
Either 16 mm or 35 mm projectors can be used. The built-in electronic equalizer will compensate for any film defect and also for losses that sometimes occur in reductions of 35 mm subjects to 16 mm.

Two electro-dynamic speakers are furnished. Each speaker is mounted on one half of the carrying case, which acts as the baffle for the speaker, and is equipped with a 25-ft. length of rubber covered cable and a rubber covered plug. A pair of shielded cables equipped with shielded plugs is also furnished for the photo-cell connections.

Model 387-P—Lafayette Portable 15-Watt Sound-On-Film System complete with two speakers and photocell cables, but less tubes. Housed in a compact airplane luggage type carrying case measuring 17" x 17" x 7". Shpg. wt. 75 lbs. Code AMEGA. **\$57.50**

YOUR COST
Model 387-T—Same as the above, but complete with tubes. **\$62.85**
YOUR COST

CO-ORDINATED
Lafayette
SOUND SYSTEMS



Amplifier
WITH SCREEN COVER
\$35.50



Portable Model
\$57.50
Less Tubes



40 New WATT

NOW AVAILABLE WITH

The Theatre System that revolutionized the industry; that taught the exhibitor how foolish it is to pay exorbitant prices for good sound equipment, now incorporates a new feature—provision for using stage microphones through the sound-on-film system.

And, in addition to this new feature, this new Co-ordinated model has been improved and perfected to a point where you cannot buy a better sound-on-film system for the average theatre no matter how much you spend. The reason for this is quite simple. Lafayette Co-ordinated systems are made by the world's largest manufacturer of popular priced sound equipment. Lafayette makes and sells more high grade equipment of this type than any other single manufacturer.

For Theatres Up To 3000 Seats

Lafayette 40 watt systems are capable of serving a 3000 seat house with sound that cannot be excelled for quality and volume. They are normally rated at 40 watts and have a peak output of 60 watts. The harmonic content at 40 watts is only 5%! More power than the old type 6 foot racks yet compact enough to mount on the wall between the projectors.

Audio Equalizer—Beam Power Tubes

The equalizer circuit used in the Lafayette model 400-A amplifier was developed especially for theatre work, and is used exclusively in Lafayette equipment. This equalizer will provide a variation of as much as 12½ db from normal on the high frequency end of the response curve. Thus room acoustics, and defects in printing or recording can easily be compensated for. The equalizer is easily operated from the front control panel by means of a large full grip knob. Eight tubes are used in an ultra-efficient modified class "A" circuit as follows: 1-6C6 voltage amplifier, 1-6C6 electronic equalizer, 1-76 voltage amplifier, 1-42 triode amplifier, 2-6L6 beam power tubes in p.p. class AB power output stage, 1-83 high voltage rectifier and 1-82 bias rectifier. Tubes can be exposed for inspection or replacement by removing the screen on the front panel.

2 Photo Cell Inputs—Individual Controls

Two photo cell inputs are provided for use with two projectors. Voltage to the cells is individually adjustable. A precision type high resistance voltmeter is mounted on the front panel for accurate measurement of the voltage applied to the cells. A pilot light on the front panel indicates which cell is in use.

A complete series of systems incorporating the model 400-A amplifier is available. These systems provide any desired feature and include any or all of the following units (write for complete descriptive circular listing high quality "Facsimili-tone" theatre systems and all accessories):-

D.C. EXCITER. This unit will supply 10 volts at 7.5 or 5 amps and 8 volts at 4 amps, of direct current to the exciter lamps. This current is supplied to either one of two sets of terminals so that the exciter lamp of one projector can be connected to one set and the other projector to the other set. Change-over from one projector can then be easily accomplished by swinging the current from one set to the other. This change-over is accomplished through a built-in relay by means of a remote control station. Any desired number of stations can be connected to a single exciter. A switch permits compensation for changes in line voltage.

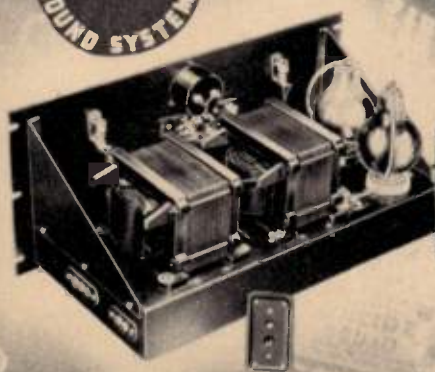
A.C. EXCITER (illustrated below at right). Where extreme high fidelity results are not required this unit can be used to supply current to the exciter lamps. Furnishes 8.5 volts at 4 amps or 10 volts at 7.5 amps. Manual changeover switch and green and red pilot lights to indicate which projector is "on".

MONITOR PANEL. Consists of a speaker for monitoring the output of the amplifier, an output meter with range switch, a volume control for the speaker and an on-off switch for the speaker.

STAGE MIKE PANEL. This panel makes it possible to use one or two stage microphones and a record player with the system. Electronic mixing is provided for as well as a tone control effective on all three channels.

\$ **395**⁵⁰
COMPLETE SYSTEM

CO-ORDINATED
Lafayette
SOUND SYSTEMS



Lafayette CO-ORDINATED THEATRE SYSTEMS

PROVISIONS FOR STAGE MICROPHONES!

The Lafayette Co-Ordinated Theatre Systems are available with one or two amplifiers. In dual channel systems, the second amplifier is used as a standby unit, ready for instant operation in the event that trouble develops in the amplifier in operation. A special switching panel is incorporated in systems where two amplifiers are employed; this unit makes it possible to swing from one amplifier to the other in a moment, and also permits connecting the monitor speaker to one amplifier while the other is being used to reproduce the program.

Compact Wall Mounting Cabinets

All the units comprising a system are housed in wall type steel cabinets provided with doors at the sides, allowing easy access to the wiring terminals. The systems are so arranged that no external wiring other than the a.c. line and the stage speakers (also stage mikes when used) are necessary. Wherever dual channels are provided, terminals are mounted on opposite sides of the chassis—photocell leads are always adjacent to the projectors they serve. In short, installation is extremely simple.

Complete Selection Available

The complete selection, shown herewith, is varied enough to cover practically any requirement. Lafayette systems are, however, flexible enough so that any desired combination can easily be furnished on short notice. A complete bulletin listing and describing these systems, as well as the new Lafayette "Facsimili-tone" Systems are now available. "Facsimili-tone" systems include sound heads. Write for FREE descriptive circular.

System Model 710-P—A deluxe system consisting of two 400-T amplifiers; one model 405-A selector panel; one model 404-A d.c. exciter panel with remote control; one model 402-A monitor panel; one model 210-T stage mike panel. Complete system housed in the standard wall rack measuring 20½" x 10" x 50" high. Shpg. wt. 206 lbs. Code SISTE. **\$395.50**
YOUR COST, Complete with Tubes

System Model 711-P—Same as the above, but with a.c. exciter panel model 403-A instead of the d.c. exciter. Rack measures 20½" x 10" x 50" high. Shpg. wt. 170 lbs. Code SNALE. YOUR COST, With Tubes **\$331.50**

System Model 705-P—Similar to model 710-P system, but does not include provisions for stage microphones. System consists of: two 400-T amplifiers; one 405-A selector panel; one 404-A d.c. exciter with remote control; one 402-A monitor panel. Rack measures 20½" x 10" x 41" high. Shpg. wt. 186 lbs. Code SCFAN. YOUR COST, With Tubes **\$326.50**

System Model 712-P—Same as model 705-P, but with 403-A a.c. exciter instead of the d.c. exciter. Rack is 20½" x 10" x 41" high. Shpg. wt. 150 lbs. Code SPLES. **\$263.50**
YOUR COST, Complete with Tubes

System Model 714-P—One model 400-T amplifier; one model 404-A d.c. exciter and remote control; one 402-A monitor panel; one 210-T stage mike panel. Rack is 20½" x 10" x 41" high. Shpg. wt. 140 lbs. Code STELO. **\$268.25**
YOUR COST, With Tubes

System Model 715-P—Same as system 714-P, but without the stage mike panel. Rack is 20½" x 10" x 29½" high. Shpg. wt. 150 lbs. Code SVATO. YOUR COST, With Tubes **\$212.50**

System Model 716-P—Same as model 714-P system listed below, but with model 403-A a.c. exciter instead of the d.c. exciter. Rack is 20½" x 10" x 29½" high. Shpg. Wt. 130 lbs. Code SEBOB. YOUR COST, With Tubes **\$188.75**

System Model 717-P—For those requiring a minimum of equipment. Consists of one 400-A amplifier and one 403-A a.c. exciter. Rack is 20½" x 10" x 14" high. Wt. 96 lbs. Code SILVO. YOUR COST, With Tubes **\$107.50**

System Model 718-P—Same as above, but with model 404-A d.c. exciter with remote control instead of the a.c. exciter. Rack is 20½" x 10" x 20½" high. Wt. 160 lbs. Code SOCKA. YOUR COST, With Tubes **\$180.50**

Individual Units

Model 400-A—40-watt Theatre Amplifier, less tubes. For standard rack mounting. No cabinet. Size: 19" x 8¾" x 9¼". For 110 volts, 50/60 cycles a.c. Wt. 73 lbs. Code ASTAN. **\$69.25**
YOUR COST, less tubes

Model 400-T—Same as above, but with tubes. YOUR COST **\$75.45**

W22086—Metal cabinet for 400-A or 404-A units. For wall mounting. Doors on sides. 20½" x 10½" x 10". Wt. 22 lbs. YOUR COST **\$9.75**

Model 404-A—Lafayette d.c. exciter panel, less Tungar bulbs and remote control stations. Panel for standard rack mounting. Dimensions: 19" x 8¾" x 9¼". For 95 to 135 volts, 50/60 cycles a.c. Shpg. wt. 73 lbs. Code ASTIS. **\$61.50**
YOUR COST

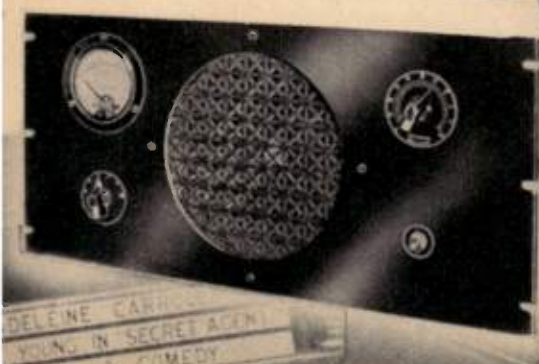
W21908—6 ampere Tungar bulbs (G.E.). Two required. YOUR COST Each **\$5.14**

W22257—Remote Control Stations. 4½" x 2¾" x 2". Shpg. wt. 9 lbs. YOUR COST Each **\$3.75**

Model 403-A—Lafayette A.C. Exciter Panel for standard rack mounting. Dimensions: 19" x 3½" x 4". Shpg. wt. 13 lbs. Code ASTER. YOUR COST **\$11.50**

Model 402-A—Lafayette monitor speaker panel with output meter and volume control. Rack mounting. 19" x 8¾" x 4". Wt. 17 lbs. Code ASTYL. **\$31.50**
YOUR COST

\$69.25
AMPLIFIER ONLY



AUBURN 10 WATT *Economy* SYSTEM



The Amplifier

Two input channels are provided, one for a 200 ohm per button carbon microphone and the other for high impedance input devices such as phono pick-ups. Both tone and volume controls are also provided.

\$13⁷⁵
Amplifier Only

Speaker Field Supply

The amplifier will supply field current for a 1000-ohm speaker field at 10 watts. This feature eliminates the need for a separate field exciter and enables you to use a standard d.c. speaker instead of the more expensive types. The microphone input transformer is built-in. Five tubes are used in the latest type of amplifying circuit: 2-2A6's, 2-2A5's and an 83. The rated power output of the amplifier is 10 watts with a peak rating of 14 watts. Overall gain is 74 db into 150,000-ohm input.

Screw Type Terminals

The output impedance is the load required by the output tubes—14,000 ohms center-tapped. No output transformer is included since this unit is normally furnished with the speaker as standard equipment.

A simple to handle screw type terminal strip is provided for connecting carbon microphones to the input of the amplifier. High impedance input devices are connected by means of a standard type phone plug. Output connection to the speakers is by means of a regular speaker plug supplied with amplifier.

Model W15861-A—Auburn 10 watt amplifier for 110 volts 50/60 cycles a.c. Less tubes. Code AMRET. Shpg. wt. 19 lbs.

YOUR COST **\$13.75**

Model W15861-S—Same as above, but complete with tubes.....\$16.80



\$26²⁵
Complete System

The Complete P. A. System

For installations requiring medium power output this Auburn system will be found to fit the bill perfectly. For tourist camps, parking lots, demonstrators and similar places this system will more than satisfy.

Complete and Ready to Operate

The system includes all components and is ready to install and operate in a short time. Besides the amplifier the system includes a high-quality double-button carbon microphone finished in bright chromium, a W13540 desk-type mike stand, a special electro-dynamic speaker, W19308, with 25 feet of 4-wire speaker cable and 12 feet of 3-wire microphone cable. A complete set of tubes for the amplifier is included—in short the system is complete and ready to operate. Instructions for operation and installation are simple.

Adaptability

Provisions are made in the Auburn 10-watt Economy System for using a record player. Suitable types of record players will be found illustrated and described on page 68 of this catalog. Other high output devices such as electric guitars, etc., can also be used. See page 71 for the musicians' Brush vibration pick-up microphone for all string instruments. System 830-P—Auburn 10-watt Economy Sound System complete with amplifier model 15861-S, one special electro-dynamic speaker W19308, one W13645 Shure Bros. double button carbon microphone, one mike stand model W13540, 12 ft. of mike cable, 25 ft. of speaker cable and a complete set of tubes for the amplifier. Shpg. wt. 75 lbs. Code SCRAM.

YOUR COST **\$26.25**

AUBURN 3½ Watt Amplifier & System

An ideal low power amplifier for use in a call system, inter-communicating system, phonograph amplifier, etc. A sturdy, conservatively rated amplifier with exceptionally fine tone quality. Frequency response equal to the finest carbon microphones available. Will supply button current for standard 200 ohm per button carbon mikes. Built-in hum free mike transformer.

Rated output 3½ watts—peak 5 watts. Overall gain 78 db at 150,000 ohms input impedance. Output impedance 7000 ohms. Excellently designed 3 tube circuit employing one 57 voltage amplifier, one 2A5 power amplifier and one 83 rectifier.

Terminals in Rear

All terminals are on the back of the amplifier, the front control panel being entirely clear of all connections. A gain control and a tone control are on the front panel and are equipped with deeply etched metal dials. Separate terminals are provided for the microphone input and for the high impedance devices.

A complete system is available incorporating the Auburn 3½ watt Amplifier, together with a dynamic speaker and a Shure double button carbon mike.

W15860-A, AUBURN 3½ WATT AMPLIFIER for 110 volts 50/60 cycles a.c. Less tubes. 14" long, 7" high, 6½" deep. Shpg. wt. 12 lbs. Code AMSES. **\$10.50**

YOUR COST

W15860-S—Same as above but complete with tubes. Shpg. wt. 16 lbs. Code AMTUB. **\$12.26**

YOUR COST Complete

SYSTEM 831-P—Consists of Auburn 3½ watt amplifier, one Special W19292 electro-dynamic speaker with 6 ft. of cable and plug, one Shure Bros. 3B carbon microphone, 12 ft. of mike cable, a W13540 desk type mike stand, complete set of tubes for the amplifier. For 110 volts 50/60 cycles a.c. Shpg. wt. 50 lbs. Code SETTE. List Price \$39.90. **\$19.95**

YOUR COST



\$10.50
LESS TUBES

The accessories to the system are illustrated at right. The microphone is spring-mounted on the desk-type stand to avoid vibration.

AUBURN 30 Watt Amplifier & System

This model, the most powerful in the Auburn line, has an output of 30 watts and is designed for use with any standard diaphragm type crystal microphone. It has a gain of 104 db at an input impedance of 150,000 ohms. The peak output of the amplifier is 150,000 ohms.

Seven tubes are used in a highly efficient circuit including four 6B5's, one 6A6, one 6C6 and one 83 rectifier. Frequency response is essentially flat within 2 db from 50 to 10,000 cycles. Both tone and volume controls are provided. 32 watts of speaker field excitation current can be obtained from the amplifier into 5000 ohms. Output impedances available are .35-6-1.35-2-4-6-8-15-50-250 and 500 ohms.

MODEL W15867-A—Auburn 30 watt crystal microphone Amplifier less tubes but complete with output transformer. 10" x 17" x 10" high. For 110 volts 50/60 cycles a.c. Wt. 60 lbs. Code UMLAS. **\$24.75**

List \$49.90. YOUR COST

MODEL W15867-S—Same as the above but complete with an accurately matched and tested kit of tubes. Shpg. wt. 64 lbs. Code ALCON. **\$31.95**

YOUR COST

30 Watt Sound System

A complete system is available including the Auburn 30 watt amplifier, two Lafayette speakers, a Piezo-Astatic crystal microphone with stand and tubes and cables. This system is an ideal one to use wherever considerable power output is required with good tone quality yet where cost is an important factor to be considered. The power output is more than enough for the average size theatre, auditorium, dance hall, etc.

SYSTEM MODEL 832-P—Complete Auburn 30 watt System including the Auburn 30 watt crystal amplifier, two Lafayette 12" auditorium type speakers model W19237, one Piezo-Astatic crystal microphone type D-104, one RCA mike stand model W13590, 50 feet of speaker cable, and a complete set of tubes for the amplifier. For 110 volts 50/60 cycles a.c. operation. Shpg. wt. 135 lbs. Code SPACO. List Price \$119.50. **\$59.75**

YOUR COST



\$24.75
LESS TUBES

AUBURN Inter-Communicating SYSTEMS

2^{to}6 STATION System

With SELECTOR SWITCH

The most efficient economical and fastest means of holding direct, two-way, amplified communication between two or more persons or departments. Operates on 110 volts a.c. or d.c. Can be installed by anyone—all connections are made with simple plugs—no tools are required. A press of a button and you are in direct communication with any ONE of five different points or with ALL FIVE SIMULTANEOUSLY.



The selector switch can be set to permit any station to communicate with all others simultaneously, or it can be set for two-way communication between the master set and only one of the other stations. In addition to the selector switch the main unit houses the amplifier, an "on-off" switch for the whole system, a ruby light indicator and a gain control to adjust the volume of the entire system. All units are in handsome walnut cabinets that can be placed on desks or mounted on walls.

W21400—Auburn Selector Inter-Communicating System for two stations. Complete with tubes, 50-ft. cable and plugs and instructions. For 110 volts a.c. or d.c. Shpg. wt. 10 lbs. List \$45.00.

YOUR COST **\$26.46**

W21402—Auburn additional station to add to above system. With 50 ft. of cable and plugs. List \$7.00.

YOUR COST **\$7.06**

W21403—50-Ft. cable and plugs \$1.76

W21404—100-Ft. cable and plugs \$3.53



OFFICE



FACTORY



DOCTOR-DENTIST



HOME



STOCK-ROOM

AUBURN TWO-STATION Inter-Communicating System



Like the above system, the Auburn Two-Way Inter-Communicating System permits instantaneous, two-way amplified communication. It is designed for any type of service which does not require the use of a selector switch as is incorporated in the above system. It is placed in operation in a few moments. Merely inter-connect the units with the plug-equipped cable, plug into any 110-volt socket, a.c. or d.c., and the system is in operation.

For 110 Volts—A.C. or D.C.

As many as three stations may be inter-connected in addition to the master unit. A press of the button on any station and you are in simultaneous communication with all other stations. Speak at arms length—there is no need of leaning over and shouting into the instrument as in out-dated systems. Reproduction is radio-like in its clarity and brilliance. Volume is well above average noise levels.

Both Auburn systems are invaluable for the office, office to factory, waiting room to consultation room, in restaurants from counter to kitchen, in the home to garage, kitchen, etc., in the store to stock rooms, and innumerable other uses.

The master unit houses the amplifier and is equipped with an "on-off" switch and ruby light indicator.

W21401—Auburn Inter-Communicating System complete with tubes, one sub-station, 50 feet of cable with plugs and instructions. For 110 volts a.c. or d.c. Shpg. wt. 10 lbs. List \$35.00.

YOUR COST **\$20.58**

W21405—Additional station with 50 ft. of cable and plugs. List \$7.00.

YOUR COST **\$7.06**

LAFAYETTE INDUSTRIAL PACK FOR 6V. DEVICES



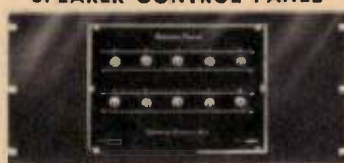
This modern power supply converts 110-volt, 50/60 cycle a.c., to 6 volts d.c., at 3 amperes. Can be used in radio, amplifier and industrial work. Will supply field energy

for three 6-ohm speaker fields. Ideal for use on commercial counting machines and other industrial devices requiring 6 volts d.c. for operation. Uses long-life oxide rectifier—no tubes to replace. On black enameled steel chassis with protective screen, size, 8 1/4 x 6 1/2 x 6 3/4" high. With "on-off" switch and ruby light on front panel.

Model 1056-PP—Wt. 11 lbs. **\$18.50**

YOUR COST

Lafayette SPEAKER CONTROL PANEL



Specially designed for use with centralized P.A. systems for hotels, schools, offices, hospitals, etc. Offers a simple and positive means for controlling the operation of from one to ten speakers from a single point. Speakers can be thrown in and out of the circuit. For speakers with output impedances of 5000 ohms. Matches 500-ohm output impedance of amplifier. On standard 19" rack panel, 8 3/4" high. Switches numbered and "on-off" designated.

Model 1002N—Wt. 6 lbs. **\$16.75**

YOUR COST

LAFAYETTE VOLTAGE CONTROLLER

A specially designed auto transformer for boosting low line voltages or dropping high line voltages to the correct value of 115 volts. Can be used on all radios, amplifiers and electrical equipment. Tapped from 80 to 155 volts in steps of 5 volts. A selector switch is used to obtain the correct value.

Features include a precision, built-in Triplett 110-150 volt a.c. meter, line fuse for protection, two output receptacles on rear of case, six-foot approved rubber cord and plug. An "on-off" switch is mounted on the front panel. In black steel case, 6 1/2 x 7 x 4 1/2". For use on 50/60 cycle a.c. only. Shpg. wt. 14 lbs.

W1423—250-watt model. **\$15.95**

W1424—500-watt model. **\$18.95**

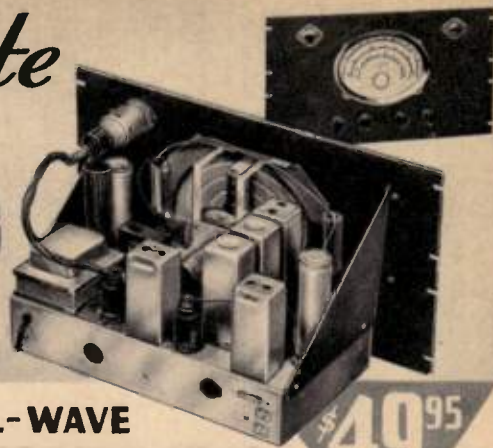
YOUR COST



Lafayette

P.A. TUNERS

with
CATHODE
RAY-EYE



WIDE RANGE T.R.F. MODEL

**Built-In Power Supply
Unusual Selectivity**

TUBES used are 3-6K7's as r.f. amplifiers, 6H6 as diode detector and a.v.c., a 6CS as audio amplifier, a 5Z4 rectifier and a 6G5 cathode-ray tuning "eye". The range of the tuner is from 190 to 545 meters. Power supply is built-in for 110-volt, 50/60-cycle a.c. operation.

Two output impedances are provided. One is 50,000 ohms, the other 500 ohms. The output level is sufficiently high for use in conjunction with amplifiers having as little as 50 db gain. A.v.c. action can be cut out by means of a control on front panel to obtain maximum fidelity. A manual volume control is provided, and is governed from the front panel.

Selectivity is rated at 1000 times 97 kc. wide—an unusual figure of merit in a tuner of this type.

Model 1016-TP—Lafayette Wide-Range TRF Tuner with panel for standard 19" rack mounting. With tubes. For 110 volts, 50/60 cycles a.c. Size, 8 3/4" x 10 1/2" x 19". Shpg. wt. 32 lbs. Code TUMAS. List Price \$59.90.

\$29.95

YOUR COST

Model 1017-TP—As above, but chassis less panel; for cabinet mounting. With tubes. Shpg. wt. 29 lbs. Code T0BBE. List Price \$55.90.

\$27.95

YOUR COST

ALL-WAVE WIDE RANGE SUPER

**Built-In Power Supply
High-Fidelity Circuit**

THIS high-quality P.A. tuner employs an ultra-sensitive superheterodyne circuit using 7 tubes: three 6K7's, a 6CS, 6R7, a 6G5 cathode-ray tuning "eye" and a 5Z4MG full-wave rectifier. The power supply is built in.

The tuning range covers from 16.4 to 568 meters in three overlapping bands: 16.4 to 52.2 meters, 51.8 to 175 meters and 173 to 568 meters. High-fidelity reception is made possible by means of a band-widening switch in the i.f. circuits. Other features include manual volume control, new "Beam Spot" precision tuning dial, efficient band-change switch, diode detector and a.v.c. Outputs are 50,000 ohms and 500 ohms.

Model 1011-TP—Lafayette All-Wave Superhet Tuner with panel for standard 19" rack mounting. Complete with tubes. For 95/130 volts, 50/60 cycles a.c. Size, 10 x 10 1/2 x 19". Code TULSA.

Shpg. wt. 28 lbs. List Price \$99.90.

\$49.95

YOUR COST

Model 1012-TP—As above, but chassis only, less panel. For cabinet mounting. With tubes. Shpg. wt. 24 lbs.

Code TESTA. List Price \$95.00.

\$47.50

YOUR COST

Lafayette SINGLE & DUAL SPEAKER Carrying Cases



Make Up Your Own Demonstrator and Portable Systems

The single speaker carrying case illustrated above at right is designed to house speakers up to 12" in diameter. Has 10" opening protected by wire screen; figured cloth grille. Case is of heavy wood with black leatherette covering. Heavy leather grip and metal bumpers. Size, 14" wide, 14 1/4" high, 9 1/4" deep. Insert type door on back. Nickel-plated metal fittings. W-22061—Shpg. wt. 13 lbs.

\$3.45

YOUR COST

Dual Speaker Carrying Case

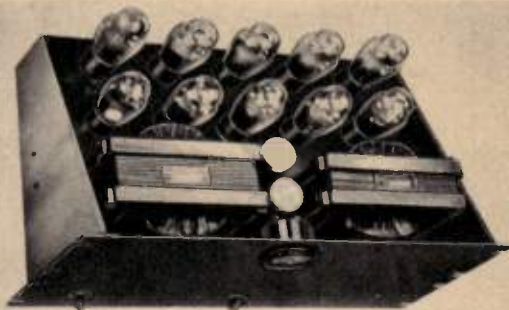
Illustrated above at left. Carries two speakers in split type construction. 10" openings protected by wire screen; figured cloth grille. Takes up to 12" speakers. Sturdy wood frame covered with black leatherette. Heavy leather carry handle. Bumpers on top and bottom. Four nickel-plated snap locks. Size, (closed), 9" deep, 14 1/4" wide, 22 1/4" high.

W-22062—Shpg. wt. 13 lbs.

YOUR COST

\$5.95

Lafayette 100-WATT BOOSTER STAGE



Makes a HIGH-POWER Job of Any 10 or 12 Watt Amplifier

Now you can go after the big jobs—serve crowds up to 100,000 people at airports, ball parks, stadia, etc., using your present low-power amplifier—no rewiring—just connect and use. Uses eight 46's and two 83 rectifiers—no batteries—Class B Variactor filter chokes. Peak output 180 watts; into plate load 125 watts; into 500 ohms 100 watts; frequency response 50-10,000 cycles. O-500 Triplett MA for monitoring. Fused for protection. Multi-impedance outputs.

Model 138-S—Lafayette 100-watt booster amplifier, complete with all tubes. With Panel for standard 19" rack mounting. Size, 19" wide, 10 1/2" high, 12" deep. For 110 volts, 50/60 cycles a.c. Shpg. wt. 122 lbs. Code AMHIL.

List Price \$130.90.

YOUR COST

\$69.95

Steel Cabinet for Above

Of 1/16" steel, finished in black, crystalline lacquer, amply louvred for ventilation. Equipped with top and back doors. All joints spot-welded. Nickel-plated snap locks. Shpg. wt. 22 lbs.

W-22003—

YOUR COST

\$5.45

RECORDERS *and* RECORD-PLAYERS

"Vibro-Master" Studio Recorder



A perfected portable home and studio recorder that has everything in the way of a performance that could be desired and at the same time is available at a price within normal reach. For direct and "off-the-air" recording, for auditioning, for P.A. work. Widely used for advertising and commercial purposes. Invaluable as a study aid for singers, speakers and instrumentalists. Especially for improving radio technique, voice and diction. Records on acetate or aluminum discs at 78 r.p.m. and plays back any record up to 12 inches.

Self-Contained Amplifier

It incorporates a three-stage, high-gain amplifier using five glass tubes. In operation the amplifier is equalized for both recording and play-back circuits. The tracking mechanism is of the positive-gear under driven type. 96 lines per inch. Cutting head is adjustable for needle angle and depth of cut. 12" turntable is rim-driven by heavy duty G.E. motor having close regulation. Waver is completely absent.

Includes Jensen Dynamic Speaker

A Jensen 8" electro-dynamic speaker is part of the cover which can be detached for optional placement. The output into the speaker is 4 watts with a maximum distortion of 3%. As an aid to precision recording the amplifier includes a high-grade meter for visual monitoring. The complete assembly is carried in an attractive Spanish-grained leather case equipped with corner guards, sturdy carrying handle and snap locks.

W22100—Vibro-Master Studio Recorder complete with built-in amplifier and Jensen 8" electro-dynamic speaker, tubes and carrying case. Less mike. For 110/120 volts, 50/60 cycles a.c. Size 17 1/2" x 20" x 14 1/4". Shpg. wt. 65 lbs. **\$199.50**

List Price \$275.00.

YOUR COST COMPLETE.....
Also available for d.c. operation. Write for details. Suitable microphones and microphone accessories and stands are listed on pages 70 and 71 of this catalog.

Professional Type Recorder



This recorder and play-back unit is designed for use where nothing but the finest results can be tolerated. It will cut coated or aluminum blanks at 78 or 33 1/3 r.p.m., and incorporates the following features which make it the foremost instrument of its kind available today.

Motor and Turntable—machined heavy aluminum, 16" flywheel type turntable . . . G.E. synchronous, self-starting, 1/20 h.p., motor suspended in live rubber . . . no vibration or waver.

Overhead Feed—pivoted in universal bearing . . . lead-screw worm gear housed to avoid clogging . . . ground cone bearings to avoid end play in lead screw . . . automatic spring pressure . . . lead screw and riding arm are of machined stainless steel . . . 112-line lead screw for "outside in" or "inside out" recording.

Cutting Head Assembly—travels on machined stainless steel bar, not on lead screw . . . latch permits control at any point on record . . . cam lever lowers cutter smoothly and gently.

Cutting Head—is of electro-magnetic type (Audak 4A) . . . 500 ohms impedance . . . pressure and cutting angle adjustable.

Play-Back Pick-up—high fidelity, crystal type . . . 100,000 ohms impedance . . . rugged, long-life construction.

Carrying Case—grained leatherette . . . chromium-plated hardware . . . size, 21" x 21" x 13" . . . corner guards . . . tool compartment for convenient storage of tools, needles, script, notes, etc. Panel can be lifted quickly and simply, for repairs and adjustments.

W22101—Professional-Type Recorder complete as described. For 110/120 volts, 60 cycles a.c. Case size 21" x 21" x 13". Shpg. wt. 70 lbs.

List Price \$285.00.

YOUR COST COMPLETE.....

\$213.75

Operation for other voltages and frequencies to order. We can supply lead screws for 96, 112 or 120 lines per inch—for both "inside out" and "outside in" recording. The cutting head supplied above has a 500-ohm impedance—1500 ohms to order.



DeLuxe Type Single-Speed with Crystal Pick-Up

This unit is designed for the home, commercial and studio use where appearance of a special type is desired. It is mounted in an attractive

airplane cloth carrying case. The color is characteristically tan set off by a band of brown stripes to match. Further smartness is added to its appearance by the use of a gold-finished, high-fidelity crystal pick-up. A 12" turntable is mounted on a Green Flyer motor designed for 78 r.p.m. with governor-type speed control. A built-in control with knob on the panel provides noiseless variation of volume. Other fittings include "on-off" snap switch, record compartment in cover, approved line cord and plug, full length piano-type hinge, self-locking locks and sturdy leather carrying handle. The case measures 13" wide, 12" deep, 5 1/2" high (closed). For operation on 110 volts, 50/60 cycles a.c.

W22016—Shpg. wt. 26 lbs.

YOUR COST

\$25.95

Lafayette ELECTRIC PORTABLES

Two-Speed 78-33 1/3 R.P.M. with Crystal Pick-Up

Mounts a 12" turntable on a Green Flyer, governor controlled motor. A high fidelity Piezo electric crystal pick-up insures excellent frequency response. The pick-up is extremely

light in weight and requires no counterbalance when used with 33 1/3 r.p.m. recordings. Especially well suited for playing back instantaneous recordings—acetate, aluminum, etc. 78 to 33 1/3 r.p.m. speed shift lever mounted on panel. A noiseless volume control, operated from a knob on the panel is built in. The entire assembly is housed in a Fabricoid covered carrying case measuring 17 1/4" wide, 13 1/2" deep, 8" high. All hardware heavily plated. For 110 volts, 50/60 cycles a.c. With approved line cord and plug. Shpg. wt. 25 lbs.

W22013—List Price \$47.90. YOUR COST.....

Same as above, but with 6-volt d.c. motor.

W21057—List Price \$59.90. YOUR COST.....

\$23.95

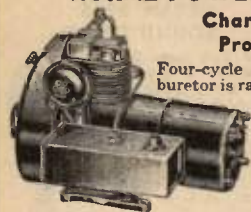
\$29.95



BATTERIES & BATTERY CHARGERS

RURAL-POWER GAS GENERATORS

Charges 6 and 12 Volt Batteries
Provides Power for Lighting



Four-cycle air cooled engine with suction type carburetor is rated at $\frac{3}{8}$ h.p. at 2350 r.p.m. Fly ball governor, low tension ignition. Ammeter included to show rate of charge. A push-button self-starter included in model D. Model C uses hand starter. Both have 1-quart capacity fuel tanks and are 16" long, 11" wide and 10" high. All furnished complete with generator cut-out, battery leads, clips, radio noise filter and instructions.

Shipping weight, 70 lbs.

W17239—Model C, for 6-v. batteries, 150 watts.

Your Cost Complete.....

W17230—Model D. Charges 6 and 12 volt batteries. 150-250 watts.

With self-starter.

Your Cost Complete.....

W17232—For charging 32-volt batteries—250 watts }

W17233—For 32-volt lighting—250 watts }

Mazda Edison Base 6-Volt Light Bulbs

W12255—15-watts. Draws 2.5 amps.

W12256—25-watts. Draws 4.2 amps.

Your Cost

Each.....

\$29.95

\$35.75

\$44.96

30¢

RURAL-POWER WIND-CHARGER—Free Power!

For charging 6-volt radio, car and lighting batteries. This new, improved Rural-Power Windcharger charges up to 16 amperes. Constructed using new double-sealed ball-bearing generator that can be removed without disturbing any other part. The patented tilt control permits operation in 70-mile wnds. Metal sheathing on propellers prevents damage in hail, sleet, snow or sand storms. Electrical outlets are shielded, providing perfect protection. Each Windcharger is furnished with an instrument panel consisting of a cutout and indicating ammeter, 6-foot tower for flat or gabled roof mounting and tail vane. Wt. 65 lbs.

W17224—

Your Cost.....

\$19.75

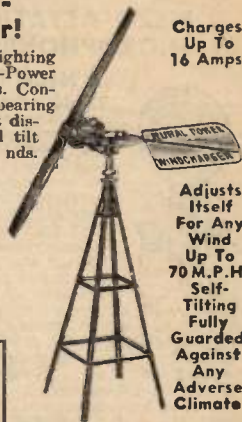
SPECIAL WINDCHARGER WIRE

Impregnated triple cotton cover.

W20871—12 gauge, per ft..... 3c

W20872—10 gauge, per ft..... $3\frac{1}{2}$ c

W20873—8 gauge, per ft..... 5c



Charges Up To 16 Amps.

Adjusts Itself For Any Wind Up To 70 M.P.H. Self-Tilting Fully Guarded Against Any Adverse Climate

VESTA 2 & 6-VOLT STORAGE BATTERIES

All feature thick plates leak-proof molded rubber containers. 2-volt type has rubber nut and bolt terminals; 6-volt has radio terminals and bail handle. All are guaranteed.



6-VOLT BATTERIES

Stock No.	No. Plates	Amp. Hrs.	Shpg. Wt.	Your Cost
W21099	13	72	35	\$5.10
W21098	15	84	42	6.25
W21097	17	96	50	7.40

2-VOLT BATTERIES

No external resistor necessary. Delivers 300 hours of operation at a $\frac{1}{2}$ -ampere drain. Shpg. wt. 30 lbs.

W21096—**\$3.95**

Your Cost.....

MALLORY CHARGER

Can Be Used in Car



With clamp for attachment to dash. Two fuses offer complete protection. Polarized plug prevents discharging or harming battery. With cables, plugs and instructions. For 110-volt, 50/60 cycle a.c.

W15698—**\$6.75**

Your Cost.....

Battery Clips



"CHARGIT" CHARGER

Use It in Car or Home



With dashboard mount. Charges at 4 amps. External fuse. In steel case. With two $\frac{3}{4}$ -foot rubber-covered cables. For 110 volt, 60/60-cycles a.c. Wt. 5 lbs.

W15196—**\$3.95**

Your Cost.....

Heavily plated. Powerful clips.

Stock No.	Length Inches	Your Cost
W16060	1 $\frac{1}{2}$	3c
W16061	2	5c
W16062	2	7c
W16063	3	

HYDROMETER



Live red rubber bulb and nozzle; beaded float. Shpg. wt. 3 lbs.

W15694—**\$24¢**

Your Cost Each.....

Tungar 5 Amp. Charger For 110 V. A.C.

For charging 6-volt batteries. Delivers a tapering charge of 5 amps.; cells cannot be damaged. With clamp receptacle for attaching to dash in car. With tube and accessories.

W15699—Wt. 15 lbs.

Each **\$9.48**



EVEREADY "A" B and "C" BATTERIES

DEDUCT 2% (cash discount)

From Prices Shown Below



Stock No.	Ever. No.	Volts	Taps At	Type Term.	Dimensions Inches	Stand. Carton	Your Cost Each	Carton Lots Each
STANDARD B BATTERIES—Round Cell Type (Plug-in Type Supplied Less Plug)								
W20100	772	45	22 $\frac{1}{2}$	Plug-in	8 $\frac{1}{2}$ x3 $\frac{1}{4}$ x7 $\frac{1}{8}$	6	\$0.85	\$0.77
W20101	770	45	22 $\frac{1}{2}$	Plug-in	8 $\frac{1}{2}$ x4 $\frac{1}{2}$ x7 $\frac{1}{8}$	6	1.22	1.11
SUPER B BATTERIES—Layerbuilt Type (Plug-in Type Supplied Less Plug)								
W20102	486	45	22 $\frac{1}{2}$	Plug-in	8 $\frac{1}{2}$ x4 $\frac{1}{2}$ x7 $\frac{1}{8}$	6	1.53	1.39
W20103	485	45	22 $\frac{1}{2}$	Plug-in	8 $\frac{1}{2}$ x3 $\frac{1}{4}$ x7 $\frac{1}{8}$	6	1.14	1.04
PORTABLE A, B and C BATTERIES (Plug-in Type Supplied Less Plug)								
W20104	762	45	22 $\frac{1}{2}$	Screw	4 $\frac{1}{2}$ x2 $\frac{1}{2}$ x5 $\frac{3}{8}$	5	1.05	.95
W20116	X-201	45	None	Screw	3 $\frac{1}{2}$ x2 $\frac{1}{2}$ x4	5	1.05	
W20118	X-203	45	None	Screw	2 $\frac{1}{2}$ x1 $\frac{1}{2}$ x2 $\frac{1}{2}$	5	1.60	
W20105	763	22 $\frac{1}{2}$	None	Screw	3 $\frac{1}{2}$ x2 $\frac{1}{2}$ x2 $\frac{1}{2}$	5	.58	.53
W20106	768	22 $\frac{1}{2}$	3, 4 $\frac{1}{2}$, 16 $\frac{1}{2}$	Plug-in	4 $\frac{1}{2}$ x2 $\frac{1}{2}$ x2 $\frac{1}{2}$	5	.66	.60
W20107	778	22 $\frac{1}{2}$	3, 4 $\frac{1}{2}$, 6, 9, 10 $\frac{1}{2}$, 16 $\frac{1}{2}$	Clip	4 $\frac{1}{2}$ x2 $\frac{1}{2}$ x2 $\frac{1}{2}$	5	.66	.60
W20114	773	7 $\frac{1}{2}$	1 $\frac{1}{2}$, 3, 4 $\frac{1}{2}$, 6	Screw	4 $\frac{1}{2}$ x $\frac{3}{8}$ x2 $\frac{1}{2}$	5	.49	.44
W20113	X-204	7 $\frac{1}{2}$	4 $\frac{1}{2}$	Screw	2 $\frac{1}{2}$ x $\frac{1}{2}$ x1 $\frac{1}{2}$	5	.44	
W20108	771	4 $\frac{1}{2}$	3	Plug-in	4 $\frac{1}{2}$ x1 $\frac{1}{2}$ x3 $\frac{1}{2}$	5	.23	.21
W20109	761T	4 $\frac{1}{2}$	1 $\frac{1}{2}$, 3	Screw	4 $\frac{1}{2}$ x1 $\frac{1}{2}$ x3 $\frac{1}{2}$	5	.23	.21
W20110	781	4 $\frac{1}{2}$	None	Screw	2 $\frac{1}{2}$ x $\frac{1}{2}$ x2 $\frac{1}{2}$	5	.31	.28
COMPACT A, IGNITION AND TEST BATTERIES								
W20111	703	4 $\frac{1}{2}$	None	Spring	2 $\frac{1}{2}$ x2 $\frac{1}{2}$ x $\frac{5}{8}$	5	.20	
W20113	751	4 $\frac{1}{2}$	None	Spring	2 $\frac{1}{2}$ x2 $\frac{1}{2}$ x $\frac{5}{8}$	5	.20	
W20112	750	3	None	Spring	2 $\frac{1}{2}$ x1 $\frac{1}{2}$ x $\frac{5}{8}$	5	.10	
W20115	X-200	3	None	Screw	3 $\frac{1}{2}$ x1 $\frac{1}{2}$ x5 $\frac{3}{8}$	5	.57	
W20117	X-202	3	None	Screw	2 $\frac{1}{2}$ x1 $\frac{1}{2}$ x2 $\frac{1}{2}$	5	.25	
W20122	7111	1 $\frac{1}{2}$	None	Screw	2 $\frac{1}{2}$ x6 $\frac{1}{8}$	25	.31	.28
W20133	6	1 $\frac{1}{2}$	None	Screw	2 $\frac{1}{2}$ x6 $\frac{1}{8}$	25	.25	.23
W20124	950	1 $\frac{1}{2}$	None	End	1 $\frac{1}{2}$ x2 $\frac{1}{2}$	5	.06 $\frac{1}{2}$	
W20125	935	1 $\frac{1}{2}$	None	End	1x1 $\frac{1}{2}$	5	.06 $\frac{1}{2}$	

Air Cell "A" Battery

Ideal for use where there are no power lines. Gives 1000 hours or more of peak operation. Never requires recharging—just add water monthly. Cannot burn out tubes. Constant voltage throughout life. In leak-proof case 10x10x6 $\frac{1}{2}$ ". For current up to 660 milliamperes (.66 amps). Shpg. wt., 23 lbs.

W20126—Type A600

Your Cost...\$4.17—Less 2% **\$4.09**



Heavy Duty Type

Type SA-850—Same as above, for sets drawing up to 750 mills. (.75 amps.)

W20127—Shpg. wt. 24 lbs.

Your Cost...\$5.25—Less 2% **\$5.14**

3-Volt Dry "A" Type X-124

Dry "A" pack for 2-volt receivers. Will supply approximately 400 hours of service when used 8 hours per day on sets drawing up to $\frac{1}{2}$ ampere. Insulated terminals. 10 $\frac{1}{2}$ x10 $\frac{1}{4}$ x6 $\frac{3}{4}$ ". Shpg. wt. 38 lbs.

W20120—

Your Cost...\$5.25—Less 2% **\$5.14**

Type X-125—Similar to above, but smaller. Voltage declines with age—use of a tapped resistor is required. Size: 11 $\frac{1}{2}$ x4 $\frac{1}{4}$ x6 $\frac{3}{4}$ ".

W20121—Shpg. wt. 21 lbs.

Your Cost...\$2.27—Less 2% **\$2.22**



PRICES SUBJECT TO CHANGE...WITHOUT NOTICE

CRYSTAL MICROPHONES AND ACCESSORIES

PIEZO ASTATIC MICROPHONES

Model D-2



Double diaphragm type crystal unit. Output level -64 db. Response flat within 2 db from 50 to 6000 c.p.s. Extremely compact, only 2 1/4" diameter, 3/8" thick. All chrome plated finish. Stand fitting threaded for 1/2" male pipe. Furnished with adapters for 1/4" and 3/8" pipe thread. Complete with 8 ft. of special cable. Shpg. wt. 2 lbs.

W13620 **\$14.70**
Your Cost

Model D-2H—Similar to above, but hand type. Shpg. wt. 2 lbs.
W13621 **\$16.17**
Your Cost

Model D-2HS—Hand type with convenient "push-to-talk" switch.
W13622 **\$16.46**
Your Cost

Model D-104—Single diaphragm type. Output level -56 db. High impedance. With 8-ft. cable. 3" diam. 1" thick; chrome finish. 3/8"-27 threaded fitting.
W13363 **\$13.23**
Your Cost

Model D-104H—Same as above, but hand type.
W13575 **\$14.70**
Your Cost

Model D-104HS—Same as D-104, but with "push-to-talk" switch.
W13578 **\$15.00**
Your Cost

Model L-1—Lapel mike.
W13429 **\$14.70**
Your Cost

Duo-Diaphragm Type Model K-2



Arranged so that the forces of two opposing diaphragms are applied to one crystal simultaneously. Increases efficiency and fidelity characteristics. Substantially flat from 80 to 6,000 c.p.s., with a rise of approximately 10 db. at 10,000 c.p.s. Output level -64 db. With 8 ft. of cable. 5/8"-27 thread. Shipping weight 2 lbs.

W13418 **\$16.17**
Your Cost

CRYSTAL DESK STAND



10 1/2" high; weighted base, 5 1/2" diam., stem. Ball and socket joint, 5/8"-27 to 1/2" pipe. Finished in brilliant chromium plate. Shpg. wt. 4 lbs. Stand only.

W13526 **\$2.25**
Your Cost

CRYSTAL MIKE CABLE



Flexible—Single Conductor
Flexible stranded tinned copper single conductor; tinned copper braid shield; cotton wrap and lacquered braid, rubber overall. Wt. 10 lbs. per 100 ft.
W20842—Per foot **4c**
W16333—50-Foot Roll **\$1.80**
W16334—100-Foot Roll **3.45**

SHURE Microphones

NEW "ULTRA" WIDE-RANGE MICROPHONES

Feature true high-fidelity reproduction from 40 to 10,000 cycles; new "Cruciform" crystal mounting for high output level; dual drive high capacity Graphoil Bimorph crystal; curvilinear diaphragm; internal screen-protected units; complete barometric compensation; moisture-sealed crystals. All units have standard 5/8"-27 thread for stand mounting and are furnished with 7 ft. single, rubber-covered cable.

W13640—Model 700A—Swivel head for any tilt. 2 3/8" in diameter. Bright chrome plate overall finish. Semi-directional pickup.

W13641—Model 701A—Similar to 700A. In rubber-black enamel with chrome bands and fittings. 3 1/2" high, 2 1/4" wide, 1 1/4" deep.

W13642—Model 702A—Spherical unit with 360° pick-up. Overall diameter only 2 1/4". Finished in rubber-black with circular band of bright chrome. Shpg. wt. ea. 2 lbs. List \$25.00

Your Cost Each, Any Above Models **\$14.70**
Modernistic Desk Stand, Model S32C—Three chrome circles on a rich rubber-black finish. Uses automatic friction lock. Base 6" diam. Adjustable from 7" to 11". List \$6.50

W13643—Your Cost **\$3.82**
Floor Stand Model S54B—Three extension sections; height 25 1/2" to 62 1/2"; base 10 3/8" diam. Finished in black wrinkle enamel; Shpg. wt. 9 lbs. List Price \$10.00

W13644—Your Cost **\$5.88**



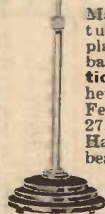
SHURE Communications Type Crystal Mike



Model 70S is the first mike designed especially for ham and police voice work. Output, minus 60 db. Load impedance, 5 megohm. Complete with 10" integral desk stand and 7 ft. of 2-wire shielded cable. Black japan and chrome finish.

W13605—Wt. 3 lbs. **\$14.70**
Your Cost

Friction Clutch Chrome Floor Stand



Made of seamless brass tubing, triple chrome plated. Heavy, modern base, 10" diameter. Friction clutch lock varies height from 37" to 67". Female pipe thread, 5/8"-27. Net weight, 10 lbs. Has no equal for price, beauty or durability.

W13647—Special **\$3.45**

SHURE Diaphragm Type Crystal Microphones

MODEL 70H
Employs the cantilever principle. Beautifully cast chromium-plated case. Mounts direct in stand or in "carbon" ring. Output, minus 60 db; response, 30 to 10,000 cycles. 3" diameter, 1 1/4" thick. Complete with 4 removable quickway hooks and 7 feet of one-conductor shielded cable.

W13473—Your Cost **\$13.23**
W13484—As above, but with 25 feet of single-conductor cable. Your Cost **\$14.29**

Model 70HP P.P. Type

Same as model 70H, except that 2-conductor shielded cable is used for p.p. input stages.

W13426—Your Cost **\$13.23**
Model 70HP with 25 feet of shielded cable. **\$14.82**

W13432—Each **\$14.82**
Model 73A Lapel Mike
Diaphragm type. 2" diameter. With 25 ft. cable. **\$14.70**

W13458—Each **\$14.70**



Lafayette

"FRICTION CHUCK" MICROPHONE STANDS

Utilize a combination friction holding and chuck locking device. Locking device prevents rod from slipping. All stands listed have a minimum height of 36" and a maximum of 67". Rods are of heavy-gauge, seamless brass tubing, triple chromium plated. Equipped with a universal ball and socket joint for both 5/8" pipe and 5/8"-27 thread. Cast iron bases covered with spun heavy copper chromium-plated shells and equipped with rubber feet.

W13576—Base diameter 7 1/2". Net weight 8 pounds. Shpg. wt. 10 lbs. **\$4.25**

W13528—Base diameter 10". Extra heavy base. Net weight 10 pounds. Shpg. wt. 14 lbs. **\$5.25**

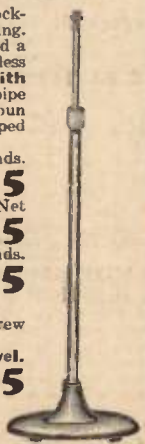
W13577—Base diameter 10". Net weight 18 pounds. Shpg. wt. 22 lbs. **\$7.95**

Portable Telescopic Stands
Similar in construction to above, but use thumbscrew adjustment because of 3-section make-up.

W13588—From 26" to 66". Base 7 1/2". With swivel. Shpg. wt. 10 lbs. **\$4.95**

W13646—Heavier tubes, base (10") and swivel. Shpg. wt. 14 lbs. **\$6.25**

Your Cost **\$6.25**



BRUSH BR2S SOUND CELLS

Note the new low price! Made up of 2 piezo cells using Bimorph elements. Output, minus 66 db. Cells are spring-mounted within case which is 2 1/4" in diameter! Affords 360° non-directional pick-up. Designed to operate directly into grid of "high gain" amplifier. Furnished with a 3-prong plug and socket for stand or suspension mounting. Finely woven brass screen finished in dull chromium. List Price \$37.50
W13632—Your Cost **\$22.05**



TYPE B2S SOUND CELL

Uses two crystals in series. Excellent frequency characteristics. Ideal for P.A. and broadcast. Output level minus 66 db. High impedance. Cast aluminum case 3 1/4" x 1 1/4" x 1 1/4". With 15 ft. of cable. Base threaded 5/8"-27. Screens finished in satin chrome plate. Shpg. wt. 2 lbs.

W13623—Your Cost **\$26.46**

As above, with three-prong plug and socket. **\$27.93**
W13624—Each



MIKE STAND SWITCH

Mounts Between Stand and Mike

Handy stand mounting "on-off" switch for use with any type mike. Cast aluminum case with rubber-black finish. Standard 5/8"-27 thread. Overall height 2 1/4".
W13639—Your Cost **\$1.47**



3 and 8-Wire Shielded Locking Connectors



For Crystal and Velocity Microphone Cables

Connector is locked by threaded brass collar. Bakelite insulation. Use in rain, sleet and can be stepped on. 1 1/4" diameter, 2 1/4" long. Chromium finished.
W13489—3-wire male connector. **59c**
W13490—3-wire female connector. **73c**
W13491—8-wire octal female. **73c**
W13492—8-wire octal male. **73c**
Your Cost Each, Either Type **73c**

Microphone Stand Reducers and Swivels

Made of solid brass, chrome plated

Reducers
Top Male **27c**
1/2" pipe **27c**
3/4" pipe **27c**
5/8"-27 **27c**

Swivels
Top Male **27c**
1/2" pipe **27c**
3/4" pipe **27c**
5/8"-27 **27c**

Your Cost Each, Any Type Above **45c**

Stock No. **Top Male** **Bot. Fem.**
W13347 1/2" pipe 27
W13349 3/4" pipe 27
W13351 5/8"-27 27

AMPERITE Velocity MICROPHONES

AMPERITE STANDS



Feature non-sliding, ball-bearing positive clutch; quick grip thread, $1\frac{1}{2}$ turns to fasten mike; safety cord stretches and prevents mishaps. All gun-metal finish.

W13447—Model DS desk stand. $7\frac{1}{2}$ " weighted base; 3" high. $\frac{1}{8}$ "-27 and $\frac{1}{2}$ " thread. Shpg. wt. 11 lbs.

Your Cost..... **\$2.94**

W13441—Model FS-13M floor stand. 42 to 60". $\frac{1}{8}$ "-27 thread. Shpg. wt. 19 lbs.

Your Cost..... **\$9.40**

W13439—Model FS-8M. Similar to Model FS-13M but semi-portable type. Shpg. wt. 16 lbs.

Your Cost..... **\$8.23**

LAPEL VELOCITY MIKE

Only $1\frac{1}{4} \times 1\frac{1}{4} \times 1\frac{1}{4}$ ". Range 60-7500 cycles. Output, minus 68 db. Shpg. wt. 3 lbs.

W13568—200-ohm. 15-ft. cable. **W13569**—High impd. 25-ft. cable.

Your Cost, Either Type..... **\$17.64**

Replacement Ribbons

Packages of 2 ribbons. **73¢**

W13566—Standard. **W13567**—Supersensitive. **\$1.03**

MODEL SR-80



Response ± 1 db over entire range. Free from background noises. Output, minus 64 db (open line). No frequency discrimination with angle from center. With 25-ft. cable. Case of bronze and steel. With dust cover. Shpg. wt. 10 lbs.

W13468—50 ohms impedance.

W13475—200 ohms impedance.

W13463—High impedance.

Your Cost, Any Type..... **\$47.04**

MODELS RAL AND RAH



Built to Amperite standards. No peaks. Flat response over entire range. Output, minus 68 db (open line). With swivel bracket, shock absorber and dust cover. Gun-metal finish. Wt. 7 lbs.

W13618—RAL. 200 ohms. 8-ft. cable.

W13619—RAH. 2000 ohms. 12 ft. of cable.

Your Cost Each..... **\$12.94**

STREAMLINE VELOCITY MIKES



The most advanced velocity microphones made by the leading manufacturer. Provide studio-type reproduction. Feature cast, gunmetal finished cases, hand-hammered ribbon will stand even 40-mile gale, new nickel-aluminum magnets, 8 db higher output than other or older types, removable cable plug assembly, "on-off" switch, felt dust cover, design eliminates cavity resonance. 3-year guarantee against defects.

MODEL RBHn—HIGH IMPEDANCE

Frequency range, 40-11,000 cycles. Output, minus 65 db. Impedance, 2000 ohms. Permissible cable, 125 feet. With 25 feet of cable. Shpg. wt. 8 lbs.

W13565—List Price **\$42.00**

Your Cost..... **\$24.70**

MODEL RBMn

Low impedance, 200 ohms. Other impedances at no extra cost. Permissible cable, 2000 feet. With 25 feet of cable. Shpg. wt. 8 lbs.

W13614—Your Cost..... **\$24.70**

MODEL RB-Bn

Low impedance—beam type (directional) for unusual feedback conditions. Permissible cable, 2000 feet. With 25 feet of cable.

W13616—Your Cost..... **\$24.70**

MODEL RB-BHn

Similar to Model RB-Bn, but high impedance.

W13612—Your Cost..... **\$24.70**

MODELS RSHn, RBSn

Type RBSn, a 200-ohm impedance; type RSHn is hi-impedance. Output, minus 68 db (open line). Slightly lower output than others, and minus cable lock. 12-ft. cable.

W13598—RSHn.

W13599—RBSn.

Your Cost Each..... **\$18.82**

LGP Input

Matches 50 or 200 ohms to hi-impedance input. Can be used with cable



up to 2000 ft. Standard type for close-talking mikes; laboratory type for all voice and music.

W13608—Standard. Each **\$2.94**

W13609—Lab. Type. Each **5.88**

RCA "Aerodynamic" Streamlined Mike



Pressure operated dynamic microphone with frequency range essentially flat from 100 to 6,000 c.p.s. 1 m-

pedance 250 ohms. Output level - 68 db. Features include: triple chrome plate finish, insensitive to mechanical vibrations, may be located up to 1000 feet from amplifier, not affected by wind or weather.

With 6-ft. of cable, $\frac{1}{4}$ " pipe thread. Size: 3" high, 2 $\frac{3}{4}$ " wide, 3 $\frac{1}{2}$ " deep. Shpg. wt. 4 lbs. No. M16226

W13466—Your Cost..... **\$15.90**

Low Impedance Crystal And Velocity Mike Cable



Consists of two conductors, color-coded in a closely woven tinned copper shielding with outer covering of rubber. Abrasion proof. Shpg. wt. 9 lbs. per 100 feet.

W16079—Per Foot..... **6¢**

W16201—50-Foot Roll..... **\$2.50**

W16202—100-Foot Roll..... **\$4.10**

3 and 5 Conductor Shielded Cable



Three color-coded conductors in tightly woven tinned copper shield. $\frac{1}{8}$ " outer covering of high-percentage rubber. Shpg. wt. 10 lbs. per 100 feet. Wire is stranded.

W16145—Per Foot..... **4¢**

W16206—50-Foot Roll..... **\$1.90**

W16207—100-Foot Roll..... **\$3.75**

Similar to above, but 6-conductor. Shpg. wt. 10 lbs. per 100 ft.

W16100—100 ft. **\$7.50**

Your Cost Per Ft..... **8¢**

AMERICAN MODEL D5-T DYNAMIC MIKE



New streamlined dynamic mike. High impedance, 10,000 ohms (high permeability transformer built-in). Output level -55 db. Response ± 1 db. from 50 to 5,500 c.p.s.; ± 3 db. from 50 to 7,500 c.p.s. No pronounced peaks. Not affected by temperature changes, humidity or wind noises. Semi-directional. Streamlined case finished in black with chrome plated grill. 3 $\frac{1}{2}$ " long, 2 $\frac{1}{4}$ " diam. With swivel for $\frac{1}{4}$ "-27 thread, 25 feet of rubber covered cable and Amphenol connectors. Shpg. wt. 6 lbs. List \$32.50.

W13456—Your Cost..... **\$19.10**

Lafayette VELEPHONE MIKE



A velocity type mike using a static field! Designed especially for close-talking purposes. Will operate on low-gain amplifiers, 80 db or more. Requires polarizing voltage of from 20 to 300 volts. Output, minus 52 db at 100 volts. With shock absorber. Bronze finished case. Load impedance, 5 meg. 12 ft. of rubber

cable with coupling. **\$9.95**

W13457—Your Cost

DESK MIKE STAND



Left. Has 6" octagon ring. Provided with 8 springs. Ring is removable. Height 9". Wrinkle-black enamel finish. Shpg. Wt. 10 lbs. **W13540**—Your Cost..... **\$1.18**

DeLuxe BANQUET STAND



Right. Height 13". Has 6" removable ring. Is complete with 8 mike springs. $\frac{1}{2}$ " diameter pipe extension. Finished in black wrinkle enamel. Shpg. wt. 15 lbs. **W13542**—Your Cost..... **\$1.76**

Lafayette VELOCITY MIKE

Designed for use wherever high-quality speech or music is desired. Features new triple shielding, supplied with shock-absorber coupling. Response, 40 to 10,000 cycles 2 db. Output, minus 64 db. 12 ft. cable. Wt. 8 lbs. **W13626**—200-ohms. **W13627**—High imp. Your Cost **\$11.88**



Lafayette "25" CARBON MIKE



A high-quality two-button carbon mike for better work, at a price that defies competition. Range, 45 to 7000 cycles. Heavy, chromium plated frame. Has pure gold (24 K.) contacts; duraluminum diaphragm. Unit is 3" diameter and 2" thick. Shpg. wt. 4 lbs.

W13420—Your Cost..... **\$4.35**

Microphone Springs

Fine tempered steel. **W13402**—Set of 8..... **15¢**

BRUSH Musicians Vibration Pickup



A tiny, crystal element vibration pick-up especially designed for soloists. Only 1 $\frac{1}{2}$ " long, $\frac{1}{4}$ " wide and $\frac{1}{4}$ " thick. Fits under the tail piece of violins, guitars and other stringed instruments; can also be attached to the bell of wind instruments. Element is housed in an aluminum case with rubber "bumper." Use with any high gain amplifier. With 25 ft. cable. Shpg. wt. 2 lbs. Model VP1M. List \$25.00.

W13467—Your Cost..... **\$10.29**

Thru-test CARBON MICROPHONE

Note the features and compare the price. This two-button carbon microphone is the outstanding buy of the field. Frequency response is exceptional, 60 to over 4000 cycles. Uses standard 200-ohm buttons. Duraluminum diaphragm; pure gold (24 K.) contacts. 3 $\frac{1}{4}$ " diameter, 2 $\frac{1}{4}$ " thick. **W13384**—Your Cost..... **\$2.95**



3-Way Mike Plug

Bakelite handle, brass contacts.

W13521—Your Cost..... **40¢**

3-Way Jack

Use with above plug. **W13522**—Your Cost **26¢**



NOTE: We can supply microphones, stands, cables and accessories for every purpose at lowest prices. Write us stating your needs. Consultation is free.

To Speed Handling of YOUR Order -- Use Our Order Blank

PHONO-MOTORS • Record Changers & ACCESSORIES

Packard Automatic Record Changers Model K



is turned off. Plays 12" records manually. Uses Piezo high-impedance crystal pickup. Entire chassis of copper plated steel; exposed parts finished in bronze. Requires space 17 1/2 x 13 1/2 x 5 1/2". Shpg. wt. 30 lbs.

W19820—Changer, less case. List Price \$47.50.

Your Cost.....

As above but with universal motor for 110 volts a.c. or d.c. Shpg. wt. 12 lbs. List Price \$55.50.

W21050—Your Cost.....

W17766—Portable carrying case. List Price \$9.50.

Your Cost.....

Model L Record Changer: Similar to model K but plays both 10" and 12" records automatically. Less case. List Price \$55.00.

W17754—110 volts 60 cycle a.c. Your Cost.....

W17764—6 volts d.c. List Price \$63.00

Your Cost.....

W21053—Universal 110 volts a.c. or d.c.

List Price \$62.50. Your Cost.....

W17767—Portable carrying case. List Price \$10.00

Your Cost.....

\$27.81

\$32.34

\$4.75

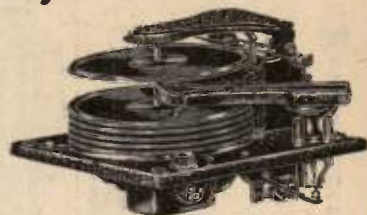
\$32.45

\$37.70

\$37.39

\$4.95

CAPEHART Dual Speed Automatic Record Changer—Model 10-12C



Equipped with the new balanced electric pickup. Excellent device for the home, public address systems, halls, etc. Plays ten 10" or 12" records automatically, repeating or rejecting any record at will. The last record on the turntable repeats until the record-changer is restacked, or until the master switch is turned off. Volume control is built-in. Entire mechanism finished in crackle black. Base 14 1/4 x 14 1/4"; height above mounting board 7 1/4"; depth below panel 3 1/2". It is equipped with a 10" turntable finished in gun-metal and covered with black felt. Striking contrasts in appearance is offered by the inclusion of chromium-plated controls and major metal parts wherever this finish is most effective. These units are designed for mounting in cabinets or for rack-panel assembly for which they are admirably suited in appearance as well as physical arrangement and dimensions Shpg. wt. 30 lbs.

W17750—Mechanism complete, less cabinet.

List Price \$100.00. Your Cost.....

Portable carrying case for above. Shpg. wt. 14 lbs.

W17752—List Price \$21.90. Your Cost.....

\$59.50

\$10.95

Phonograph Oscillator



Model RK-24

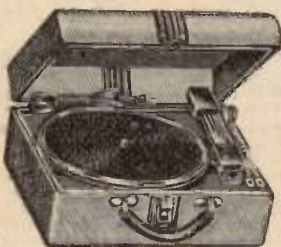
For phono modernization work. No chassis wiring changes are necessary. One tube is used; a 2A7 with sets using 2.5 volt tubes; a 6A7 with sets using 6.3 volt tubes. Wt. 6 lbs.

W10599—Less tube.

Your Cost.....

\$5.85

PORTABLE ELECTRIC RECORD PLAYER



This efficient record player uses a powerful single speed (78 r.p.m.) self-starting phono motor. Pick-up is a wide range unit of the magnetic type, and a volume control and a.c. line switch are built-in. An 8" turntable is employed. Case is the modern striped airplane luggage type, with sturdy clasps and hinge. Size 13 x 11 1/2 x 6". With line cord and plug, and pick-up connector cable. Shpg. wt. 14 lbs.

W22014—

Your Cost.....

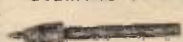
Same as above, but with crystal pick-up.

\$15.95

\$17.95

W22015—Your Cost.....

Diamond Cutting Needle



For recording on aluminum. Genuine diamond point. Lasts a lifetime. Used in broadcasting stations and professional recording studios throughout the country. Cut for high-fidelity.

W132—Your Cost.....

\$1.75

Phonograph Needles For Recording and Play-back

Steel Needles for Recording

W344—For Celluloid.

Your Cost.....

75c

For 5"

W341—For Aluminum.

Your Cost.....

5

Steel Needles for playing back acetate records. Envelope of 12.

W205—Your Cost.....

10

Bamboo Needles for playing back aluminum records. Envelope of 12

W343—Your Cost.....

8

RCA Phono Needles Play-back only

Steel. Half Tone, 75 to envelope Others 100 to envelope.

W159—Half Tone. W153—Full

Tone. W160—Extra Loud Tone.

Your Cost.....

15

Per Pack.....

Chromium. Semi-permanent needles. With colored shanks.

W155—Orange (33 1/3 r.p.m.).

W157—Green (78 r.p.m.).

Your Cost, Either Type.....

18

Package of Six.

Tungstone. Semi-permanent type

For use in automatic phonograph

W157—Extra-Loud Tone.

W158—Full Tone.

Your Cost, Either Type.....

18

Sapphire Reproducing and Cutting Needles



A B

(A) For recording on celluloid and acetate record blanks.

W196—Your Cost.....

\$3.95

(A) For recording on aluminum.

W192—Your Cost.....

\$2.25

(A) For recording on pre-grooved composition and celluloid.

W194—Your Cost.....

\$2.25

(B) For reproducing standard records.

W195—Your Cost.....

\$1.75

RCA Home Recording Double Faced Blanks

Made of flexible composition, double faced. To be played back with RCA-Victor Home Recording Needles.

W381—6" Blanks. Pkg. of 4.

Your Cost.....

68c

W382—10" Blanks. Pkg. of 2.

Your Cost.....

68c

W383—12" Blanks. Each.

Your Cost.....

62c

Recording Needles for Above

W129—Pkg. of 8.

Your Cost.....

25c

Special Acetate Coated Aluminum Record Blanks



Have no gritty surface, so scratch is eliminated. Cut like celluloid

blanks, but give better results than celluloid or aluminum. These are not supplied in pre-grooved types.

W349—Size 8". Your Cost.....

\$0.49

W351—Size 10". Your Cost.....

.75

W352—Size 12". Your Cost.....

.90

W353—Size 16". Your Cost.....

\$1.65

Aluminum Record Blanks Plain or Grooved

These blanks are standard for recording in many fields and are capable of extra wide frequency response with little scratch.

Plain	Stock	Your	Pre-grooved	Stock	Your
No.	Cost	Size	No.	Cost	Size
W200	14c	6"	W204	16c	6"
W201	21c	8"	W205	23c	8"
W202	29c	10"	W206	39c	10"
W203	42c	12"	W207	55c	12"
W199	69c	16"			

Green Flyer Motors and Turntables

These excellent motors are considered standard in the radio and P.A. field. Incorporate silent laminated spiral-cut Bakelite gears, completely enclosed and run in oil. Oversized, self-lubricated bearings; will not overheat in enclosed cabinet. Has speed dial. Hardware and speed indicator furnished.

W102—Single Speed (78 r.p.m.) 10" turntable.

Your Cost (Shpg. wt. 15 lbs.).....

W103—As above, with 12" turntable. Your Cost.....

\$7.35

W100—Two-speed (78 and 33 r.p.m.) 10" turntable.

Your Cost (Shpg. wt. 15 lbs.).....

W188—As above, with 12" turntable. Your Cost.....

\$9.41

Universal 110-Volt a.c.-d.c. Motor

With 12" turntable and change-over switch. For 78 r.p.m. records only. Shpg. wt. 11 lbs.

W126—Your Cost.....

\$11.47

Similar to above for 78 and 33 1/3 r.p.m. recordings.

W125—Your Cost.....

\$13.23

Sound Truck Six-Volt Motor

For use where power source is limited to 6 volts as in sound truck application. Complete with 12" turntable. For both 78 and 33 1/3 r.p.m. recordings. Shpg. wt. 15 lbs.

W127—Your Cost.....

\$14.10

Heavy-Duty Dual Speed Motor

Similar to Model W100 above, but with larger field and rotor (1 1/2" longer). Wherever a more powerful motor is needed. Shpg. wt. 15 lbs.

With 12" turntable. For 105/120 volts, 50/60 cycles a.c.

W120—Your Cost.....

\$10.44

Governor Assembly for any of the above motors.

W208—Your Cost.....

89c

W135—Automatic Stop for Above Motors

Your Cost.....

60c

New Dual Field Recording Motor

A special heavy duty model for making studio type recordings. A double motor is used, with both fields of the constant speed type, governor controlled. Two-speed, 78 and 33 1/3 r.p.m. Speed unaffected by drag of cutting head. Supplied complete with special weighted 12" turntable, speed change lever, euscheon plate and all hardware.

For 110 volts, 60 cycles a.c. only. Shpg. wt. 18 lbs.

W224—Your Cost.....

\$21.00

New JAMAICA L.I. Branch • 90-08 166 St. (Merrick Rd.)

PHONO PICK-UPS AND ACCESSORIES

NEW! SHURE ZEPHYR PICK-UP



A new, balanced-tracking crystal reproducer. 50 to 7,000 cycles, ± 5 db. Needle fits in cone grip needle chuck at a tilt to match record

grooves. Shock proof; double moisture sealed; double ball-bearings; needle pressure of only $2\frac{1}{2}$ ounces; counterbalanced; high-lift arm; non-resonant; completely shielded; housed in beautiful streamlined black molded Bakelite— $10\frac{1}{2}$ " long, $2\frac{1}{4}$ " high, base 2". With $2\frac{1}{4}$ -ft. shielded cord. Wt. 3 lbs. Model 99A. List \$12.00

\$7.06

RCA Pick-Up Heads and Arm



A new line of universal pick-up heads and a single high quality arm for all types. All units are finished in attractive walnut.

Pick-Up Heads

Stock No.	Part No.	Imped.	Your Cost
W180	9661	8.5	
W181	9665	30.0	
W182	9669	700	
W184	9670	2800	
W185	9749	8500	

\$3.30

Pick-Up Arm

Universal type, fits all heads listed above. Balanced perfectly. Part No. 9678.

W187—Your Cost... **\$3.60**

RCA Pick-Up Coils

Stock No.	Part No.	Resis Ohms	Your Cost
W174	2255	3300	\$0.72
W186	2314	20	.65
W169	2769	20	.30
W396	3385	7	.30
W398	10777	200	.30

Orthophonic Sound Box

Universal type; fits all models except the 2-35. Excellent quality. Ribbed aluminum diaphragm. Bronze finish.



W350—Your Cost... **\$3.00**

We can supply any RCA part not shown here at a discount of 40% from list. Write giving part number and description.

RCA Phono-Input Transformer



Part No. 6238—For models RE18 and 18A. Matches 20 ohm pick-up. Shpg. wt. 2 lbs.

W1632—Your Cost... **\$1.44**

Part No. 7083—For models T-5, RE-67, RE-16, RE-16A, R86, RAE68 and R-73. Matches 20 ohm pick-up to grid.

W1633—Your Cost... **\$3.00**

Part No. 7632—For model 331. Also contains one reactor, two capacitors and two resistors. Matches 28 ohm pick-up to grid. Shpg. wt. 3 lbs.

W1635—Your Cost... **\$3.27**

RCA Phonograph Modernization Kits

With these Kits, any old style Phono Unit can be brought up to date with a minimum expenditure.



No. 11080—includes 8.5 ohm pick-up, pick-up arm, volume control and input transformer. Shpg. wt. 10 lbs. List \$16.00.

W134—Your Cost... **\$9.60**

No. 9740—Contains 2800 ohms pick-up, pick-up arm and volume control. No transformer needed. Shpg. wt. 6 lbs. List \$12.00.

W139—Your Cost... **\$7.20**

★ Just Announced for 1937! ★ ASTATIC "TRU-TAN" CRYSTAL PICK-UP

The outstanding feature of this new pick-up is its scientifically designed off-set head which follows the entire playing surface of the record practically true to tangent of the circle at all points. This accomplishment assures longer record life and more accurate reproduction. Absolutely free from mechanical resonance throughout the entire audible range. Insertion of needles has been greatly simplified—the head turns 140°, and the needle is dropped in from the top. Telephone black finish with chrome trimmings. **High impedance**; no transformer needed.

W172—10" Arm. Shpg. wt. 4 lbs. List \$17.50

Your Cost Each... **\$10.29**

W173—12" Arm. Shpg. wt. 5 lbs. List \$27.50

Your Cost... **\$16.17**

PIEZO CRYSTAL PICK-UPS

In using these pick-ups, the quality of reproduction is limited solely by the accessory equipment. Extremely light in weight; ball bearing arm. Plays either 78 or 33 $\frac{1}{3}$ r.p.m. recordings; no counter-weight necessary. Overall finish in crystalline black. **High impedance**.

W161—8" arm Shpg. wt. 3 lbs. List \$5.88

Your Cost... **\$5.88**

W162—12" arm Shpg. wt. 4 lbs. List \$7.35

Your Cost... **\$7.35**

WEBSTER Hi-Fidelity Pick-Ups Magnetic Type—High Impedance

An efficient pick-up having a frequency range essentially flat from 100 to 7000 cycles. Unit is so designed that no counterbalance is necessary when used with 33 $\frac{1}{3}$ r.p.m. recordings. Has flat, inertia-type head. Volume control built-in. **High impedance type**—no transformer needed. For 10" or 12". Shpg. wt. 4 lbs.

W147—Your Cost... **\$5.65**

Model X73A2—In appearance like above, but contains **piezo crystal**. 40 to 8000 cycles. Built-in control. **High impedance type**—needs no transformer.

Shpg. wt. 4 lbs. **\$7.06**

W460—Your Cost...

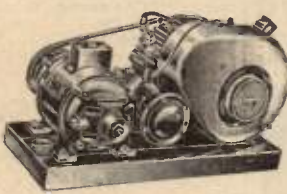
UPCO "Tone Master" Pick-Up

An efficient, wide range pick-up at an exceptionally low price. Reproduces the entire audible range with great fidelity. For either 10" or 12" records. Finished in black crystallized lacquer. Length $7\frac{1}{2}$ " from needle to base center. **High impedance**, no matching transformer required. Shpg. wt. 3 lbs.

Less Volume Control **\$3.85** | With Volume Control **\$4.45**

W142—Your Cost... **\$3.85** | W144—Your Cost... **\$4.45**

300-Watt Gas Driven A.C. Generator



Furnishes 110 volts, 60 cycles a.c. for operating radios, public address equipment, transmitters, etc. Also furnishes 6 volts d.c. for charging storage batteries. Blue Diamond 4-cycle engine, with foot pedal starter operates for 12 hours on one gallon of gas. Has muffler. Generator self-excited. Base 20x11x11". Wt. 72 lbs.

W19899—300-Watt belt driven. **\$59.95**

Your Cost Complete...

W19894—600-Watt, hand crank. Shpg. wt. 280 lbs. **\$123.75**

Your Cost...

W19895—1,000-Watt, hand crank. Shpg. wt. 300 lbs. **\$180.00**

Your Cost...

Note: 600 and 1,000 watt types shipped F.O.B. Chicago, Illinois, only. Other sizes up to 5,000 watts available.

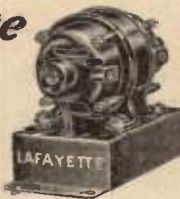
Phono Adapter

Sturdily built. With clips. W11643—For glass tubes. W11644—For metal tubes. Your Cost Each... **28¢**



Lafayette Converters

Rotary type, with built-in radio filters. Features include: ball bearing motor, no oiling necessary; good regulation of output; extremely quiet operation. Sizes other than those listed can be supplied for any use.



110 Volts D.C. to 110 Volts A.C.

Stock No.	Output Watts	Input Amps.	Your Cost
W17229	110	1.69	\$22.50
W17210	150	2.23	25.20
W17211	300	4.0	35.75

32 Volts D.C. to 110 Volts A.C.

Stock No.	Output Watts	Input Amps.	Your Cost
W17228	110	5.6	\$22.50
W17208	150	7.8	25.20
W17209	300	15.0	35.75

JANETTE Rotary Converters

For operating 110 volt, 60 cycle a.c. electrical appliances, radios, P. A. systems, etc., from d.c. supplies. Models available from 6 to 220 volts as listed below. All provided with all-wave radio filters.



If filter is not required, write for prices on model desired. All are rotary type, efficient and long-lived.

All deliver output of 110 volts, 60 cycles a.c.

32 V. D.C. Input 110 V. D.C. Input

Stock No.	Output Watts	Your Cost	Stock No.	Output Watts	Your Cost
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W19806	80	\$29.05	W19807	80	\$29.06
W19800	110	31.31	W19803	110	31.32
W19801	150	34.71	W19804	150	34.71
W19802	300	48.67	W19805	300	48.67
W19813	500	64.14	W19815	500	64.14
W19814	650	95.46			

220 V. D.C. Input 12 V. D.C. Input

Stock No.	Output Watts	Your Cost	Stock No.	Output Watts	Your Cost
W19816	150	36.22	W19817	30	35.47
W19808	30	38.87	W19839	80	35.47
W19818	60	48.67	W19870	120	41.13
			W19876	160	57.42

PRICES SUBJECT TO CHANGE...WITHOUT NOTICE

Public Address Units and Trumpets



ALL-ALUMINUM "DOME" BAFFLES



For
Outdoor
and
Indoor
Use

All heavy-gauge aluminum construction. 100% weather-proof. Overall length 20", bell diameter, 17", bell length, 10". Accommodates all 10, 11, 12" speakers. With suspension rings and hardware. Shpg. wt. 6 lbs.
W20040—List \$8.00. **\$4.70**
Your Cost.....

DeLuxe "Dome" Baffle

Similar to above, but of heavier metal. Includes snap-on weather-proof cover, metal grille and felt-lined housing.
W20044—List \$15.00. **\$8.82**
Your Cost.....

Adapter Rings for Above

For reducing size of opening. Specify size when ordering.
W20045—Your Cost..... **44¢**

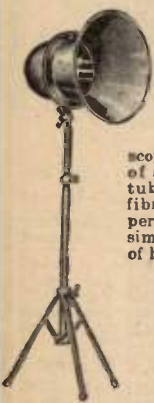
Giant All-Aluminum Parabolic Reflectors

Similar in appearance to above. Designed for use with high-power cone speakers. Its large size offers sufficient loading for reproduction of very low frequencies. Overall length 26", bell opening 22". Accommodates 10, 11 and 12" speakers. Spun of heavy-gauge aluminum in natural brilliant color. Shpg. wt. 8 lbs.
W20092—List \$13.50. **\$7.94**
Your Cost.....

A slightly smaller model is available for speakers having an outside diameter of from 8 to 10½". Length 16", bell diameter 15". Shpg. wt. 5 lbs.
W20093—List \$8.00. **\$4.70**
Your Cost.....

Proportionately smaller for speakers from 6 to 8½". Overall length 15", bell opening 15". Shpg. wt. 4 lbs.
W20094—List \$7.50. **\$4.40**
Your Cost.....

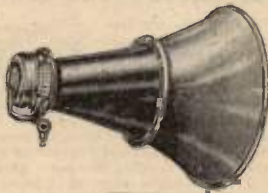
Collapsible Floor Stand For Aluminum Baffles



A truly portable stand that has light weight and fine appearance. Equal in stability to cast-iron base types. Telescoping sections are of seamless steel tubing. A special fibre inlaid clutch permits quick and simple adjustment of height which can be varied up to 8 feet. Its saddle takes Cinaudagraph units. Finished in black enamel (non-rusting) with silver-finished fittings. Fitted with

rubber-tipped legs.
W20059—List \$12.50. **\$7.35**
Your Cost.....

CINAUDAGRAPH Air-Column Units and Horns



These new, high-quality air-column units are designed for maximum efficiency for outdoor and indoor use. The units are specially designed "Magic Magnet" speakers that provide a new high in efficiency, power-handling capacity and low cost. The horns are of spun aluminum, in two sections that are easily bolted together. A special handle-bracket is available.

MODEL FYA UNIT—8"

Handles a steady power input of 15 watts; surges up to 20 watts. Diameter 8", depth 5". 1½" diameter voice coil; impedance 6 ohms. Less Transformer. Shpg. wt. 11 lbs. List \$31.00.
W19385—
Your Cost..... **\$18.23**

MODEL HWA UNIT—10"

Handles a steady power input of 25 watts; surges up to 30 watts. Diameter 10", depth 6½". 2½" diameter voice coil; impedance 6 ohms. Less Transformer. Shpg. wt. 35 lbs. List \$70.00.
W19386—
Your Cost..... **\$41.16**

MODEL SUA UNIT—10"

Handles a steady power input of 30 watts; surges up to 40 watts. Diameter 10", depth 6". 3½" diameter voice coil; impedance 6 ohms. Less Transformer. Shpg. wt. 42 lbs. List \$91.50.
W19387—
Your Cost..... **\$53.80**

Exponential Horns

Model HU—For use with HWA or SUA units. Spun aluminum. 24" bell, 20" air column. Shpg. wt. 4 lbs.

W20090—Each..... **\$14.41**

Model FX—For use with FYA unit. 24" bell, 28" air column. Shpg. wt. 5 lbs. List \$32.00.

W20089—
Your Cost..... **\$18.82**

Model SW—For use with HWA or SUA units. 32" bell, 30" column. Shpg. wt. 6 lbs. List \$53.00.

W20091—
Your Cost..... **\$31.17**

Handle and Support Bracket To suspend speaker from overhead or on metal speaker poles.

Model FXA—For FYA unit.

Shpg. wt. 4 lbs.

W19388—Each..... **\$2.06**

Model HUA—For HWA unit.

Shpg. wt. 5 lbs.

W19389—Each..... **\$2.65**

Model SWA—For SUA unit.

Shpg. wt. 6 lbs.

W19390—Each..... **\$3.38**

Lafayette Electro-Dynamic Unit



Diaphragm is spun from sheets of the finest grade of duralumin. Voice coil impedance is 15 ohms at 1000 cycles. 20-watt continuous operating capacity; 25 watts peak. 6-volt field draws 1.5 amps. Male thread, 13"–18. Shpg. wt. 13 lbs. List \$25.00. **\$14.70**
W19398—Each.....

As above, but with 110-volt d.c. field coil.
W19399—Your Cost **\$14.70**

WALL MOUNTING ALUMINUM HOUSING

These units are ideal for centralized systems in schools, offices, etc. Of heavy-gauge aluminum. Equipped with metal screen and grille cloth. Cone diameter 5½", inside depth 4½". Shpg. wt. 2 lbs.
W20061—Your Cost..... **2.36**
With 7" opening, 5½" depth.
W20062—List \$5.00. **\$2.94**
Your Cost.....



TRUCK MOUNTING FOR "DOME" BAFFLES



Mounts dome baffles on trucks, walls, etc. Swivels for directional effect. 8" cast base. Takes Cinaudagraph units. 14½" high. Aluminum finish. Shpg. wt. 6 lbs.
W20095—
Your Cost..... **\$2.88**

Saddle and swivel.
W20097—
Each..... **\$1.77**

Lafayette 6-FOOT TRUMPET



Removable
Tone Arm

Guaranteed
Weather-Proof
In All Climates

This remarkably low-priced exponential trumpet is guaranteed to be 100% weather-proof. It is shipped partly knocked-down and is easily assembled. Has a 2½-foot detachable tone arm with threaded casting for the driver unit. Finished in brilliant aluminum color. Measures 6 feet long, square bell is 30x30". Shpg. wt. 24 lbs. With all hardware.
W20068—List \$25. **\$14.70**
Your Cost.....

30-WATT FIELD EXCITER

On black lacquer steel chassis with removable screen cover. Uses either an 80 or an 83V rectifier tube. Has the following specifications: when using an 83V it will deliver 30 watts into a 1000-ohm field (minimum resistance), 24 watts into 1500 ohms, 20 watts into 2000 ohms, 17 watts into 2500 ohms and 11 watts into 5000 ohms. When using an 80-type rectifier, it will deliver 18 watts into a 675-ohm field 16 watts into 1000 ohms, 11 watts into 2500 ohms and 8 watts into 5000 ohms. Attractively finished in smooth black. For 110 volts, 60 cycles a.c. Size, 7x3½x6½". Shpg. wt. 8 lbs. Less Tube.

W19235—List \$13.50. **\$6.75**
Your Cost.....



WRIGHT de COSTER

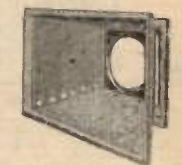
Model 2050 Speaker and Trumpet



For the average P.A. installation where cost is a prime factor but quality is still essential. Ideal for the reproduction of voice and music at outdoor functions, auditoriums, etc. Trumpet is sturdily constructed of wood and Insulite, and is finished in attractive silver. Exterior is weather-proofed. Has screen across bell opening. Built-in 6" dynamic speaker; voice coil impedance 5.2 ohms; handles 4 to 5 watts continuously. Field consumes 9 to 10 watts, normal. Overall length of trumpet, 27½", bell opening, 22½x14". Shpg. wt. 15 lbs.

Supplied Less Transformer
W19188—With 1000-ohm field
W19187—With 2500-ohm field
W19189—With 6-volt field
List \$20.50.
Your Cost..... **\$10.04**
Any Type.....

ATLAS FLARED BAFFLES



"Demountable" type flared baffle. Measures 14" deep; 30x18" bell. Knock-down size is 30x16x2½". Weather-proofed materials. Aluminum paint finish. Type "A" will accommodate 10, 11, 12" speakers; Type "B" up to 9" speakers. Shpg. wt. 10 lbs.
W19388—Type A
W19387—Type B
Your Cost Each..... **\$3.95**

DIRECTIONAL BAFFLES



These demountable, directional speaker baffles can be assembled in a few moments and if desired knocked down for storage. Material is weatherproofed and handsomely finished in aluminum paint. Bell opening, 22x23"; length 25". When taken down for storage, it measures 27x25x3". Type "A" takes 10, 11 and 12" cones; type "B", 7, 8 and 9" speakers. Shpg. wt. 15 lbs.
W20053—Type A
W20052—Type B
List \$8.50
Cost Each..... **\$5.00**

Flared Exponential Baffle

Similar to the directional baffle described above, but flared on all sides. Guaranteed 100% weather-proof in all climates. Bell, 24x36"; 37" long. Takes up to 14" speakers. Finished in aluminum paint. Wt. 20 lbs.
W20039—Less cone housing.
List Price \$14.50. **\$8.53**
Your Cost.....

SPEAKER HOUSING

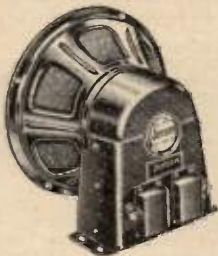
Designed for use with either flared or directional baffles. Inside diameter, 15½x15½x11". Will fit above unit or one of your own construction. Is completely weather-proofed.
W20051—
Your Cost..... **\$2.85**

PUBLIC ADDRESS and HIGH-FIDELITY SPEAKERS

JENSEN 12" "Hi-Fi" P.A. Speakers

Most popular for all p.a. work and for the finer receiver and centralized radio systems. Model A12 has a range from 30 to 7500 c.p.s. Handle 12 watts continuously; 18 watts peak. Field wattage max. 18, normal 14, min. 10. Voice coil 8 ohms at 400 c.p.s. Efficiency second only to 18" and auditorium models. Cone diam. 12 1/4", 12" wide.

Model B12X is similar to the model A12 but is slightly less efficient, and handles approx. 10 watts continuously. Field wattage 12 max., 8 min. **Both models for d.c. only.**



Stock No.	Field Res.	Transformer	YOUR COST EACH
W19304	860 ohms	4400 ohms c.t.	\$12.64
W19033	860 ohms	500 ohms	
W19028	1000 ohms	500 ohms	
W19029	1250 ohms	500 ohms	
W19034	2500 ohms	4400 ohms c.t.	
W19035	2500 ohms	500 ohms	\$9.70
W19036	2500 ohms	4400 ohms c.t.	
W19037	2500 ohms	500 ohms	
W19038	1250 ohms	4400 ohms c.t.	
W19039	1250 ohms	500 ohms	

Model A12 P.A. Speakers (Shpg. wt. 21 lbs.)

Special A12 A.C. Model

12" model Jensen A12 speaker with special Lafayette field supply using an 83 tube. For 110 volts, 50-60 cycles a.c. Complete with transformer for 250-500 ohm line. Shipping weight 30 lbs.

W19301—Your Cost, Special

\$16.95

JENSEN Auditorium Speakers

Handle 18 watts continuously, 25 watts peak. Voice coil 8 ohms at 400 c.p.s. Field wattage 33 max., 26 normal, 20 min. Cone diam. 13 1/4". **Furnished with 500 ohm line transformer.**

M-20 D.C. 110 volt d.c. 3000 ohm field. Shpg. wt. 46 lbs. **\$35.33**

W19248—Your Cost.

M-10 A.C. 110 v., 60 cycles a.c. With tube. **\$52.47**

W19246—Shpg. wt. 56 lbs. Your Cost

JENSEN 18" Dynamic Speakers

High fidelity (HF) models have range up to 9000 c.p.s. Standard fidelity models have range up to 5500 c.p.s. Power capacity 25 watts continuous, 40 watts peak. Voice coil 8 ohms at 400 c.p.s. **All with 500 ohm line transformer. A.C. models with tube.**

Stock No.	Model and Type No.	Field	Shpg. wt.	Each
W19030	M-18 D.C. (Stand. Fid.)	110 v.d.c.	68 lbs.	\$44.25
W19031	HF-18 D.C. (Hi-Fid.)	110 v.d.c.	68 lbs.	46.30
W19032	M-18 A.C. (Stand. Fid.)	110 v.a.c.	78 lbs.	61.40
W19357	HF-18 A.C. (Hi-Fid.)	110 v.a.c.	78 lbs.	63.45

JENSEN "Q" Hi-Freq. Speaker and Filter

Tweeter speaker, range 1200 to 8000 c.p.s. Handles 5 watts peak. 10,000 ohm field. Voice coil 16 ohms at 3000 c.p.s. Shipping weight, 7 lbs.

W19355—Model Q5-A Your Cost

Model F9 filter for above.

W19356—Shpg. wt. 3 lbs. Your Cost



JENSEN P.M. Speakers

These Jensen PM speakers eliminate the field coil used in the conventional electro-dynamic. The substitute is a heavy, permanently magnetized, newly discovered metal alloy. In performance, these models equal electro-dynamics of similar size. Have exceptionally fine sensitivity and efficiency.



Voice Coil Impedances, 6 ohms at 400 c.p.s.

6" Models PM6-E

10" Models PM10-C

6" Models PM6-E	10" Models PM10-C
6 1/2" x 3 1/2" deep. Shpg. wt. 4 lbs.	10" diam. Shpg. wt. 7 lbs.
No. Transformer Each	No. Transformer Each
W19079 Universal Tube \$3.76	W19085 500 ohm line \$7.20
W19078 500 ohm line 3.67	W19086 Universal Tube 7.50
W19081 Less Trans. 3.09	W19088 Less Trans. 6.61

8" Models PM8-D

12" Models PM12-C

8" Models PM8-D	12" Models PM12-C
8 1/2" x 4 1/2" deep. Shpg. wt. 6 lbs.	12" diam. Shpg. wt. 8 lbs.
No. Transformer Each	No. Transformer Each
W19082 Universal Tube \$4.70	W19089 500 ohm line \$9.11
W19077 500 ohm line 4.62	W19090 Universal Tube 9.26
W19084 Less Trans. 4.03	W19092 Less Trans. 8.38

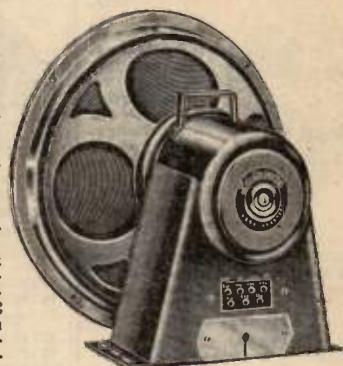
High Fidelity PM Speakers A12-PM

Replace the conventional electro-dynamic models A12A.C. Frequency range up to 7,500 c.p.s. Voice coil impedance 8 ohms at 400 c.p.s. Power handling capacity 12-18 watts. Completely dustproof. Ideal for p.a. systems. Shpg. wt. 21 lbs.

Stock No.	Input Transformer	Your Cost Each
W19093	For 500 ohm line	\$21.46
W19094	Universal, for all tubes	21.76
W19095	Less Input Transformer	20.44

LAFAYETTE CONCERT SPEAKER

A powerful 12" electro-dynamic speaker especially well suited for use with public address systems where high quality and power handling capacity are required. The speaker will handle 12 watts of audio power continuously, with 18 watt peaks. Frequency range essentially flat from 60 to 8,000 c.p.s. Pressed paper cone with large voice coil and three point spider suspension. Voice coil impedance 16 ohms at 400 c.p.s. Heavy steel frame is finished in satin black enamel; carrying handle provided. Recommended field current 12 watts. Terminal strip on back, fully shielded. **All supplied less input transformer.** Shpg. wt. 25 lbs.



W19236 With 1,000 ohm field coil.

W19237 With 2,500 ohm field coil.

W19238 With 5,000 ohm field coil.

Your Cost Each, Any Type.

Special a.c. model, using 80 rectifier. Less Tube.

W19239—Shpg. wt. 25 lbs. Your Cost.

\$5.95

\$8.75

CINAUDAGRAPH "Magic Magnet" Reproducers



- ★ No Field Current
- ★ Extremely Wide Range

Feature: polyfibrous cone material, voice coil on a quartz cylinder, nipermag (extremely powerful) magnets, no hum, extremely wide frequency response.

Model MA 6-8-6"

Power capacity 4 to 8 watts. Resonance freq. 120-150 c.p.s. Voice coil dia. 3/4", impedance 6 ohms. Shipping weight 3 lbs.

W19377—Your Cost

Model EZ 8-7-8"

Power capacity 5 to 8 watts. Resonance freq. 110-150 c.p.s. Voice coil 1" dia., impedance 6 ohms. Shipping weight 4 lbs.

W19378—Your Cost

Model EZ 8-10-8"

Same as above, but with larger magnet. Shpg. wt. 5 lbs.

W19379—Your Cost

Model NZ 10-7-10"

Power capacity 8 to 10 watts. Resonance freq. 80-110 c.p.s. Voice coil 1" dia., impedance 6 ohms. Shipping weight 5 lbs.

W19380—Your Cost

Model NZ 10-10-10"

Same as NZ 10-7, but with larger magnet. Wt. 6 lbs.

W19381—Your Cost

Model FY 12-12-12"

Power capacity 15 to 18 watts. Resonance freq. 60-80 c.p.s. Voice coil 1 1/4" dia., impedance 6 ohms. Shipping weight 11 lbs.

W19382—Your Cost

Model HW 13-13-12 1/2"

Power capacity 20-30 watts. Resonance freq. 30-50 c.p.s. Voice coil dia. 2 1/4", impedance 6 ohms. Shipping weight 43 lbs.

W19383—Your Cost

Model SU 18-12-18"

Power capacity 25 to 35 watts. Resonance freq. 30-50 c.p.s. Voice coil 3 1/4" dia., impedance 6 ohms. Shipping weight 78 lbs.

W19384—Your Cost

Model SU 18-12-18"

Power capacity 25 to 35 watts. Resonance freq. 30-50 c.p.s. Voice coil 3 1/4" dia., impedance 6 ohms. Shipping weight 78 lbs.

W19385—Your Cost

New Acoustic "VARI-DEFLECTOR"

Take speakers up to 13" outside diameter and 9" deep. New modernistic design in black and silver. Can be mounted on any corner or wall surface, either horizontally or vertically. Adjustable deflectors direct sound to desired areas of coverage and eliminate high frequency beam effects. Special internal acoustical construction eliminates resonance and vibration. Of solid, sturdy acoustic material. Mounting brackets furnished with each unit. With back cover piece. Size: 28" long, 14" high, 12" deep. Shpg. wt. 17 lbs.



List \$12.50.

W20098—Model VD-12. Your Cost.

\$7.35

JENSEN Peri-Dynamic Speaker

Model 3,000. Enclosed type for flush mounting. Consists of an 8" PM speaker mounted in a heavy wood cabinet finished in black lacquer and natural walnut. Panel 12x16 1/4". Directs sound downward at an 18 degree angle. Ideal for centralized radio systems. Less input transformer. 6 ohm voice coil. Shpg. wt 12 lbs.

W19096—Your Cost.

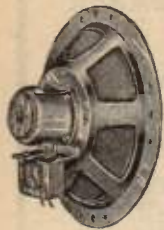


\$12.20

To Speed Handling of YOUR Order--Use Our Order Blank

Quality SPEAKERS for Every Requirement

8 1/2" Dynamic Speaker



For use in radio consoles, and small or medium-sized amplifiers. Has excellent frequency response; covers the entire audible range. Furnished with universal output transformer to match any

output tubes. Shpg. wt. 10 lbs.
W19307—With 1000 ohm field
W19292—With 2500 ohm field
Your Cost Each, **\$2.75**
Either Type.....

11" Dynamic

Same specs. as above. Wt. 13 lbs.
W19308—With 1000 ohm field
W19290—With 2500 ohm field
Your Cost Each **\$3.40**
Either Type.....

Special 6" Dynamic



This midget dynamic is exceptionally well constructed and shows a fine frequency response. Pressed paper cone. Supplied less output transformer. Shpg. wt. 4 lbs.

W19131—1800 ohm field
W19130—2500 ohm field
Your Cost Each, **95¢**
Same as above, but with 2500 ohm field and output transformer to match single 47, 2A5.
W19124—Your Cost **\$1.35**

JENSEN Model R Electro-Dynamics



Compact dynamics for home and auto radio receivers. Ruggedly constructed. 5" models with 12" connector cords; 6" and 8" models with 18" cords.

All have hum-bucking coils. Voice coils 5 ohms at 400 c.p.s. (see note below).

F5-R 5" (wt. 4 lbs.)	Stock No.	Field Res. Ohms	Your Cost Each
W19054	3000		
W19057	6 (auto)		\$2.25
E6-R 6" (wt. 5 lbs.)			
W19059	2500		
W19063	1000		\$3.09
W19067	6 (auto)		
D6-R 8" (wt. 7 lbs.)			
W19069	2500		
W19073	1000		\$3.82

FS-3 Field Supply

Maximum continuous rating of 10 watts, sufficient for exciting field coils of all Jensen speakers from F5R to and including B12X. Type 25Z5 rectifier tube furnished. On metal chassis. For 110 volts, 60 cycles a.c. Wt. 10 lbs.
W19097—Your Cost **\$4.41**

JENSEN Model C Electro-Dynamics



A line of high quality dynamics ideally suited for radio receivers, p.a. work, etc. Have heavy field pots and 1 1/4" voice coils. All with 18" connector cords. All with hum bucking coils. Voice coil imp. 8 ohms at 400 c.p.s. 8" models have power capacity of 6 watts; 10" models capacity 8 watts; 12" models capacity 9 watts. (See note.)

C8-R 8" (wt. 9 lbs.)	Stock No.	Field Res. Ohms	Your Cost Each
W19040	2500		
W19042	1250		\$4.40
C10-R 10" (wt. 11 lbs.)			
W19044	2500		
W19046	1250		\$5.59
C-12-R 12" (wt. 13 lbs.)			
W19048	2500		
W19051	1250		\$6.17

NOTE: All Jensen Model R and model C speakers are furnished with UNIVERSAL OUTPUT TRANSFORMER to match any type of output tube.

Carbon Granules



Extra fine quality—not adulterated. Contains sufficient granules to refill one two-button mike.
W13481—Each... **39¢**

Speaker Cement



For speaker cones and voice coils. Dries rapidly.
W15239—1 1/4" Tube. Each... 5c
W15240—3/8" Tube. Each... 9c

Special 5" A.C.-D.C. Compact

Especially designed for use in a.c.-d.c. midget receivers. Has standard 3000 ohm field and is furnished with an output transformer to match a single 43 tube. Cadmium plated metal frame. Overall size: 5x4 1/4 x 2 1/2". Shpg. wt. 4 lbs.
W19293—Your Cost, **\$1.25**
Each.....



5" Auto Speaker

Same as above, except with 6-volt field and with transformer to match single 41.
W19296—Your Cost **\$1.35**

6" Dynamic with Universal Output



Universal output transformer matches any existing types of output tubes. Speaker frame finished in cadmium plate. Shpg. wt. 6 lbs.

W19165—1000 ohms.
W19166—2500 ohms.
W19122—6-volt for auto sets.
W19109—1800 ohms tapped at 800 ohms.
Your Cost, **\$1.79**
Any Type.....

We can supply any special field coil or output transformer at lowest prices. Write for details.

Model 1490 12" Para-Curve Speaker



A new wide range speaker suitable for fine receivers, p.a. work, etc. Response extends to 8000 c.p.s. 1 1/2" diam. voice coil has impedance of 5.5

ohms. Power capacity 7 1/2 watts. Standard 2500 ohm field. Field dissipation 9 watts min. 16 watts max. With universal output transformer. 12 1/2 x 7" deep. Shpg. wt. 17 lbs.
W19395—Your Cost **\$7.30**

Model 1990 Junior Stadium Speaker



A high powered, high fidelity 12 in. speaker for p.a. use, for the better receivers etc. Will handle 15 1/2 watts of audio power

continuously. Voice coil 2 1/4", impedance 10 ohms at 400 c.p.s. Response up to 8000 c.p.s. Furnished with universal output transformer to match any tubes. 12 1/2 x 8 1/2". Field resistance 2500 ohms. Shipping weight 25 lbs.
W19396—Your Cost **\$9.75**



A line of high quality dynamic speakers furnished with both UNIVERSAL FIELD COIL AND UNIVERSAL OUTPUT TRANSFORMER. Can be used anywhere, at any time. Field resistance: 2500, 2200, 1800, 1600 tapped at 800, 1500, 1000 and 700 ohms. Output transformer matches any type

output tubes, single or p.p.	Voice coil imp. shown at 400 c.p.s.	Stock No.	Model No.	Diam. In.	V.C. Imp.	Depth In.	Shpg. Wt. Lbs.	Your Cost
		W19159	490	6"	5.05 ohms	3 1/4"	7	\$2.40
		W19160	590	8"	5.05 ohms	4	8	2.89
		W19158	690	10"	5.05 ohms	5 1/4"	10	3.38
		W19147	990	12"	5.05 ohms	7	12	4.85

"NOKOIL" SPEAKERS



High quality speakers requiring no field excitation. Utilize new magnetic alloy. Ideal for call systems, p.a. installation, in schools, hotels, and as secondary extension speakers. Model 1984 12" models especially developed for high-powered p.a. installations. All have cadmium plated steel frames. Excellent frequency characteristics. Furnished with universal tube or 500-1000-1500 ohm line transformer.

Stock No.	Model No.	Diam. In.	Input Trans. Furnished	Cap. Wt. Wtts	Wt. Lbs.	Your Cost
W19359	482	5"	Universal Tube	3 1/4"	4	\$2.36
W19140	582	6"	Universal Tube	3 1/4"	4	\$2.85
W19360	582	6"	500-1000-1500 Ohms	3 1/4"	4	\$3.34
W19141	682	8"	Universal Tube	3 1/4"	5	\$3.83
W19365	682	8"	500-1000-1500 Ohms	3 1/4"	5	\$3.83
W19367	782	10"	Universal Tube	3 1/4"	6	\$6.76
W19368	782	10"	500-1000-1500 Ohms	3 1/4"	6	\$6.76
W19369	1380A	12"	Universal Tube	7 1/4"	8	\$9.72
W19370	1380A	12"	500-1000-1500 Ohms	7 1/4"	8	\$9.72
W19371	1984A	12"	Universal Tube	15	9	
			500-1000-1500 Ohms	15	9	

Model 390 5" Dynamic



Diameter 5". With output transformer to match a single 43. Field resistance 3000 ohms. Voice coil imp. 42 ohms at 400 c.p.s. Field diss. 6 watts max. Shpg. wt. 4 lbs.
W19161—Your Cost **\$1.91**

"HYFLUX" Magnetics

Built to exacting standards to provide the maximum in quality, range and performance. Excellent for call systems, in schools, hotels, etc. Require no field excitation. Features include: one-piece seamless cone, metal dust covers, easily accessible screw driver adjustment, Bakelite coil form. Shpg. wt. 4 lbs.



Stock No.	Diam. In.	Field Res. Ohms	Your Cost
W19142	6"	10,000	\$1.96
W19144	6"	7,000	
W19143	8"	10,000	\$2.20
W19145	8"	7,000	



Field Supply 110 Volts, 60 Cycles a.c.

Delivers 9 watts into 2500 ohms. Uses 25Z5 tube. Metal chassis has line switch. 8 1/4 x 2 1/2 x 1 1/2". Shpg. wt. 4 lbs. Less tube.
W19162—Your Cost **\$2.02**

Quality Speakers and Accessories

Balanced Armature Magnetics

Employ powerful magnets and balanced armatures. Very sensitive; will handle surprisingly large volume without distortion. Available in chassis form, or housed in walnut cabinets with front and back grills and 6-ft. cord.



Speaker Chassis			Speakers in Cabinets		
No.	Dia.	Each	No.	Dia.	Each
W19121	3"	\$0.98	W19106	5"	\$2.48
W19230	5"	.89	W19107	6"	2.68
W19199	6"	1.25	W19108	9"	3.45
W19119	9"	1.65			

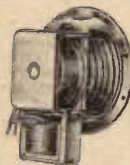
Special 5" Magnetic



Especially well suited for use in compact a.c.-d.c. receivers. Very sensitive; has balanced armature. Provides pleasant, natural tone and will handle large volume without distortion. Wide frequency range. Plated metal frame. Shpg. wt. 3 lbs. **W19230—Your Cost..... 89¢**

NEW 3" DYNAMICS!

Now for the first time—an efficient dynamic speaker measuring only 3" in diameter! Incorporates all the features of the 5" and 6" types, and will handle a surprisingly large volume of sound without distortion. Pressed steel frame, transformer mounted on field housing. Pressed paper cone and large 2-point spider. **Field resistance 3000 ohms. Overall size 4 1/4 x 3 1/2". Long leads. Shpg. wt. 3 lbs. W19298—With transformer to match a single 47, 2A5, 42, 12A7, 25A7. W19299—With transformer to match a single 43, 45, 12A5. Your Cost Each, Either Type..... \$1.49**



Rubber Covered 4-Wire Cable

Ideal for speakers. Heavy rubber cover. Hemp wrap over each conductor. Will stand up under most severe conditions of use. Conductors color coded. Shpg. wt. 6 lbs. per 50 ft. **W16154—100 Ft. for \$4.25 Your Cost per Foot..... 5¢**



Cement Kit

For Speaker Cones; Voice Coils, R.F. Coils and Chokes. One bottle of all purpose cement, and one bottle of thinner. Complete with brush. **W19499—Your Cost..... 34¢**



Cone Centering Shims

Flexible celluloid shims that will last. Sixteen shims in a handy leatherette folder. Contains four each of the following sizes: .0125", .010", .0075" and .005". Takes care of all speakers. **W19649—Your Cost, Kit of 16..... 36¢**



Speaker Grille Cloth

Fine quality figured ornamental cloth for use behind speaker grilles. Neat appearance. **W19609—Your Cost..... 9¢ For 10..... 85¢**



EXACT DUPLICATE REPLACEMENT CONES FOR STANDARD SPEAKERS



Stock No.	Set or Speaker	Outer Diam.	Your Cost	Stock No.	Set or Speaker	Outer Diam.	Your Cost
W19501	Atwater Kent 43, 46, 55, 60, 64, 66, 67, F4, Part No. 15142	10 1/4"	\$1.08	W19585	Lyric Model D, No. 9	10 1/4"	\$1.47
W19502	Atwater Kent 80, 82, 84, 55B, 627, 87, 90, 92, Early Models 83, 85	8 3/8"	1.03	W19625	Magnavox 144	7 1/4"	1.32
W19782	Atwater Kent 43, 46, 55, 60, 64, 66, 67, F2, Part No. 14374	10 1/4"	1.18	W19526	Magnavox D6, D7, D8, 80, 90, 100	9"	1.18
W19518	Best	6 3/8"	1.03	W19556	Magnavox 130, 136	8 1/2"	1.18
W19577	Bosch 5A, 39A	7"	1.03	W19530	Majestic G1	9"	.84
W19505	Bosch 48, 58	9 1/2"	1.62	W19531	Majestic G2	9"	.84
W19520	Brunswick S81, S82, 81, 82, 21, 31, S21, S81	12"	1.71	W19532	Majestic G3, G4	10"	1.18
W19521	Clarion 60, 80, 81, 85, 90, 91, 100, 120, 25-60	8 3/8"	1.47	W19646	Majestic G6, G7	10"	1.47
W19522	Clarion 51, 53, 55	12"	1.62	W19533	Majestic G5, G8, G9	12"	1.71
W19525	Clarion 220, 260, 25-260	6"	1.03	W19647	Majestic G14	12"	1.18
W19527	Clarion 320	6"	1.03	W19626	Majestic G10B, G10D	8 1/2"	1.18
W19534	Clarion 480	10"	1.47	W19587	Majestic G11B	9 1/2"	1.40
W19574	Colonial 33, LL-18	12 1/4"	1.71	W19547	Philco 20, 70, 90 small	8"	.53
W19579	Colonial 36	9 3/8"	1.47	W19400	Philco 40, 41, 65, 76, 77, 95, 96, 111, 112, 90 large	10 3/4"	.68
W19617	Crosley M45, 40S	9"	1.40	W19552	Philco 50, 51 small, 80, 81	5 1/4"	.53
W19580	Fada 15, 20, 25, 32	8 1/2"	1.62	W19640	Rola F5	6 1/4"	1.03
W19583	Fada 11, 12, KU, KW	10 1/2"	1.70	W19648	Rola F6, F8	8"	1.18
W19538	Grunow 801, 701, 751, 752, 753, 671, 1152, 1162	10"	1.62	W19586	Rola "J" series, D90, D110	9 1/4"	1.62
W19548	Grunow 650, 651, 661, 750, 670	8 1/4"	1.47	W19588	Rola G12	12 1/2"	1.71
W19519	Jensen D7, D8	11 1/4"	1.35	W19589	Rola F4	5"	.82
W19645	Jensen D9, Inner Spider	11 1/4"	1.62	W19597	Stewart-Warner 2-point spider 200A, 950	9"	1.62
W19549	Jensen D15	8 1/4"	1.32	W19550	Stewart-Warner 3-point spider	9"	1.47
W19551	Jensen D16	8"	1.32	W19592	Stewart-Warner 104A	8"	1.47
W19554	Jensen J1, J2	6 1/2"	1.03	W19593	Utah Large Cub, No. 2	7 3/4"	1.32



Genuine RCA-VICTOR Replacement Cones

We can supply any RCA cone not shown here at a discount of 40% from list.

Stock No.	Model Numbers	Part No.	Your Cost
W19403	34, 35, 39, 60, 55, 59, 80, 82, 86, RE20, RE59, RAET9	8558	\$1.20
W19404	RE6, 7, 8, 9, 10, 11, 12, RE18, RE19, 21, 14, 15, 17, 42, 48	8601	.90
W19405	R32, 52, RE46, RE75	10801	1.20
W19406	R28, 28F, RE40, R22, 100, 101, 110, 111, 114, 115, 300, 301	8987	.60
W19407	R5, R6X, R5 d.c.	7236	.60
W19776	M-34, M-105	9023	.60
W19410	R37, 38, 37F, 38F, 112, 120, 121, 122, 142B, 241B, 310	9428	.60
W19209	100A speaker (mag.)	9190	.75
W19210	100-B, 103 speakers	8359	.75

Celotex Speaker Baffles



We will supply baffles with any size hole, to your specifications, at no additional cost. When ordering, specify hole size desired. Shipping weight 2 1/2 lbs. per sq. ft.

3/8" Thick	Stock No.	Your Cost	Size In.	Hole Size	1 1/2" Thick	Stock No.	Your Cost
W19714	\$0.20	12x12	5, 7 1/2 or 9	W19793	\$0.32		
W19715	.45	18x18	7 1/2 or 9	W19794	.85		
W19716	.75	24x24	7 1/2 or 9	W19795	1.35		
W19717	1.65	36x36	9 or 12	W19796	3.10		
W19718	2.95	48x48	None	W19797	5.65		
		48x72	None	W19799	6.95		

NOTE

We can supply speaker cones and field coils for any standard speaker at the very lowest prices. When ordering, give all pertinent information, and if possible, send a sample. Orders promptly and carefully handled.

Replacement Field Coils



Exact duplicate replacement speaker Field Coils for standard speakers.



We can supply any special or standard field on special order.

Stock No.	Set or Speaker	Ohms	Your Cost
W19668	Brunswick 16	2500	\$2.35
W19470	Brunswick 15, 22, 32, 42	1610	2.35
W19686	Crosley Model 67, 58, 59, 269	10000	2.10
W19462	Grunow 5A	1850	2.10
W19429	Jensen D7, D8	1500	2.50
W19436	Jensen D9, D16	2600	1.47
W19694	Lyric 9"	5000	3.50
W19670	Magnavox D7 (9")	2800	3.25
W19446	Majestic G1	3100	3.15
W19447	Majestic G2	2730	3.15
W19657	Majestic G4, G5	7650	3.75
W19678	Majestic G3	2750	3.75
W19463	Majestic G19F, G19G	710	1.35
W19458	Philco 20, 21 (2768)	3100	1.18
W19456	Philco 65, 76, 77, 86, 87, 95, 96, 111 (2850)	3200	2.65
W19753	RCA R4	1900	.79
W19411	Rola F4	3000	.69
W19464	Rola G12	1000	2.75
W19474	Rola F6, F8, K7, K9	1800	1.40
W19475	Rola F6, F8, K7, K9	2500	1.75
W19696	Silver-Marshall 30	1500	3.95
W19679	Stewart-Warner 950	10000	3.80
W19465	Stewart-Warner R202	10000	1.98
W19484	Temple All Models	2250	2.65
W19466	Utah Little Giant	2500	1.95
W19486	Victor RE32, 45, 75	3000	1.95

APEX—Gloritone Field Coil



For chassis 26. 11500 ohms tapped at 9040 ohms. Also used in U. S. Radio and Montgomery-Ward sets.

W19450—2 1/4" dia., 1 1/2" deep, 1 1/4" hole. Your Cost..... 95¢
W19655—2 1/4" dia., 1" deep, 7/8" hole.
W19656—2 1/4" dia., 1 1/8" deep, 1 1/4" hole.
 Shpg. wt. 2 lbs.
Your Cost, Any Type..... \$1.45

Modern ^{all} PURPOSE Test Instruments



No. 151 CATHODE RAY OSCILLOGRAPH



Align receivers visually—check distortion and hum—see what you're doing with this modern X-ray of radio. This new instrument utilizes the new RCA type 913 cathode ray tube having a one-inch screen. Extremely high sensitivity—1.75 volts (RMS) for full-scale deflection. Vertical and horizontal amplifiers and timing axis have flat response curves from 30 to 10,000 c.p.s. Amplifiers have individual controls.

Small spot diameter, sharp focus—individual centering controls. All controls on front panel. Calibration screen and light shield included. Tubes used: 1-913 (1-inch), 1-885, 2-6C6's and 1-80. Complete with all instructions. In gray wrinkle finish metal case with nickel trim. Reverse etched nickel-silver panel. Shpg. wt. 16 lbs. **\$47.50**
W21548—Your Cost, Complete with Tubes



ELECTRONIC SWEEP TEST OSCILLATOR No. 150



Ideal for every application in which a wide frequency test oscillator is needed. The new electronic sweep circuit incorporated with the unit, makes the oscillator adaptable for use with all types of cathode ray oscillographs, eliminating the need for a separate frequency modulator. Frequency range of the oscillator is from 90 to 32,000 kc. (9.4 to 3300 meters) on fundamental frequencies only. Six bands divide up this

range. Internal 400 cycle, or external amplitude modulation. High r.f. output—0.25 volts; negligible leakage; three-step attenuator plus continuously variable control. Large 4" diameter dial is indirectly illuminated, and two vernier ratio of 2:1 and 5:1 are provided. All bands individually calibrated. Tubes used: 1-6A7, 1-6F7, 2-6C6's, and 1-80. Housed in gray wrinkle lacquer steel cabinet. Size: 13 1/4" long, 9 1/4" high, 7 1/4" deep. Handle on top. Shpg. wt. 19 lbs. **\$64.50**
W21547—For 110 volts, 50-60 cycles a.c.
Your Cost, Complete with Tubes

ADDITIONAL RCA INSTRUMENTS

We maintain a complete stock of these instruments at all times.

Audio Oscillator 9633
With tubes. Wt. 11 lbs. **\$64.50**
W21456—Your Cost

Piezo-Electric Calibrator
No. 9572. Wt. 2 lbs. **\$29.95**
W21452—Your Cost

Frequency Modulator
No. 9558. Wt. 8 lbs. **\$27.50**
W21450—Your Cost

Cathode-Ray Oscillograph
No. TMV122B. Complete with tubes. Shpg. wt. 25 lbs. **\$84.50**
W21455—Your Cost

Universal A.C. Bridge
No. 9600. Wt. 7 lbs. **\$49.65**
W21451—Your Cost

"Glow-Tube" Output Indicator
No. 4317. Wt. 2 lbs. **\$4.00**
W10595—Your Cost

Test Oscillator TMV97C
With tubes. Wt. 4 lbs. **\$34.50**
W21453—Your Cost

Beat Frequency Oscillator
No. 9606. Less tube. Shpg. wt. 7 lbs. **\$7.50**
W21454—Your Cost

DEPENDABLE Model 408 MULTITESTER



A pocket size tester with a meter having a sensitivity of 2000 ohms per volt. Attractive etched Bakelite panel. Meter has multi-range scale with accurate calibrations. Following ranges provided: d.c. volts from 0/5/50/500/1000; d.c. milliamperes from 0/5/50/500; d.c. amperes from 0/5; d.c. micro-amperes from 0/560; ohms from 0/500/50,000/1,000,000. Built-in batteries for ohmmeter. Zero adjuster. Welded steel morocco finished case 3x5 1/4x2". Shpg. wt. 2 1/4 lbs.

W10498—With batteries **\$9.75**
Your Cost
Same as above, but in "build-it-yourself" kit form. Less batteries. Shpg. wt. 2 lbs. **\$8.33**
W10499—Your Cost

Precision Volt-Ohmmeter



Ideal for all ordinary service work. Employs a moving coil type meter, accuracy 2%. Following meter ranges: 0/50/500 volts d.c.; 0 to 500,000 ohms. Batteries enclosed. Ohmmeter has zero adjustment. 1,000 ohms per volt. Supplied with 30" test leads. In black Bakelite case 1 1/2x2 1/4x3 1/4". Shpg. wt. 4 lbs.

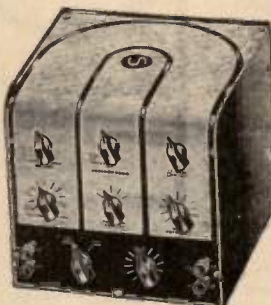
W11450—Your Cost **\$7.78**

Simplex Volt-Ohmmeter

Similar to above, but with magnetic vane type meter and with following ranges: 0/3/30/300 volts d.c.; 0 to 100,000 ohms. Batteries enclosed. In walnut Bakelite case 1 1/2x2 1/4x3 1/4". 30" leads. Shpg. wt. 4 lbs. **\$3.23**
W11452—Your Cost

NEW TRANSCO

CATHODE-RAY OSCILLOGRAPH KIT MODEL 913-CR



A complete, highly efficient cathode ray oscillograph kit designed for use with the new RCA type 913 cathode ray tube having a 1" viewing screen. Easy to assemble and wire. Used to align radio receivers, adjust transmitters, for the laboratory, for industrial applications, etc. Highly accurate—easy to use.

An efficient "saw-tooth" sweep circuit is built-in, eliminating the need for any external sweep. Unit also includes a built-in wide range vertical amplifier, with provisions for cutting amplifier in or out. Other features are: linear sweep with 5-position switch for selection of

sweep frequencies; linear sweep amplitude control; fine frequency control; positive self-locking synchronization circuit. Kit contains complete diagrams and instructions. Housed in metal case with etched metal panel. Size: 8 1/2x8 1/2x8 1/2". Shpg. wt. 14 lbs.

W21542—Complete kit, less tubes and 913 tube. **\$19.95**

Your Cost
Kit of RCA Tubes: 1-80, 1-6J7, 1-6K7, 1-885 and 1-913 **\$9.53**
Your Cost

New CLOUGH-BRENGLE Model 105 Cathode Ray Oscillograph



One of the latest low cost, COMPLETE oscillographs. Contains: linear sweep circuit, dual amplifiers, synchronizing circuit, beam centering control, five tubes. Uses the new 1-inch screen type 913 cathode ray tube. Input sensitivity .68 volts (RMS) for full scale deflection. Amplified and compensated linear sweep, range from 15 to 30,000 c.p.s. with automatic synchronization for positive locking of image. Amplifiers flat over an extremely wide range. Complete selection of the circuits by switches. In black baked crystalac finished metal case 8 1/2x8 1/2x9 1/4". Etched silver and green front panel. For 110 volts, 60 cycles a.c. Shpg. wt. 28 lbs.

W21549
Your Cost, Complete with All Tubes **\$47.92**

TIME PAYMENTS: \$5.50 down, and \$5.05 per month for 10 months.

W21457—Model 79-B Audio Signal Generator..... Your Cost \$55.37
TIME PAYMENTS: \$6.50 down, and \$5.70 per month for 10 months.

W21459—Model OC-A R.F. Signal Generator..... Your Cost \$33.81
TIME PAYMENTS: \$5.50 down, and \$4.83 per month for 7 months.

W21461—Model OD-A R.F. Signal Generator..... Your Cost \$31.85
TIME PAYMENTS: \$5.50 down, and \$4.83 per month for 7 months.

W21462—Model CRA-Cathode Ray Oscillograph... Your Cost \$90.65
TIME PAYMENTS: \$10.00 down, and \$9.40 per month for 10 months.

W21463—Model OM-A Inductor Sweep..... Your Cost \$63.21
TIME PAYMENTS: \$7.00 down, and \$6.56 per month for 10 months.

W21464—Model 81-A Frequency Modulator..... Your Cost \$33.57
TIME PAYMENTS: \$4.00 down, and \$3.46 per month for 10 months.

W21465—Model UD-A Power Level Indicator..... Your Cost \$27.44
TIME PAYMENTS: \$4.50 down, and \$3.85 per month for 7 months.

W21466—Model 88 V.T. Peak Voltmeter..... Your Cost \$44.59
TIME PAYMENTS: \$5.50 down, and \$4.57 per month for 10 months.

WESTON Model 772 Analyzer

Incorporates a meter having a sensitivity of 20,000 ohms per volt. Draws extremely little current. Following meter ranges available: d.c. volts, at 20,000 ohms per volt, 0/2.5/10/50/250/1000; a.c. volts, at 1000 ohms per volt, 0/2.5/10/50/250/1000; d.c. milliamperes 0/10/50/250; d.c. micro-amperes 0/50/100-1000; ohms 0/3000/30,000/3 megohms/30 megohms; output meter ranges 0/2.5/10/50/250/1000. Etched black panel, red and chrome trim. In portable case 15 1/2x5 1/2x8 1/2". Shpg. wt. 11 lbs.



20,000 ohms per volt

W15123
Your Cost, Complete **\$46.50**

Write for FREE Descriptive Circulars

TRIPLETT MASTER SERVICE EQUIPMENT

Model 1240 Master Condenser Tester



Quickly and accurately checks the condition of any type of capacitor, including paper, mica or electrolytic types. Defects are easily shown on the legible meter scale. For electrolytic units, a "Good-Bad" scale is provided. In testing for breakdowns, the model 1240 excels in eliminating the uncertainty of the "cut and try" method.

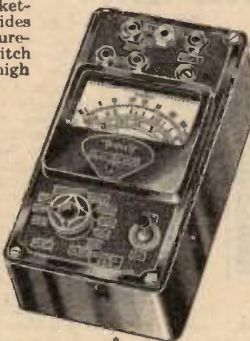
D.C. voltage for breakdown tests is available up to 1000 volts in steps of 2, 20, 60, 200, 600 and 1000 volts. The same holds true for a.c. voltages. A line voltage regulator with a unique shadow type indicator insures accuracy at all times. Furnished in a sturdy metal case with attractive black wrinkle finish. Size: $7\frac{1}{2} \times 6\frac{1}{2} \times 4\frac{1}{2}$ ". Test leads and full instructions included. Shpg. wt. 13 lbs. List \$37.25.

W21487—Your Cost **\$24.33**

Universal Pocket Volt-Ohm-Milliammeter Model 666

A complete test instrument in a pocket-sized case of black Bakelite. Provides complete voltage and current measurement facilities and uses a master switch to select desired range. Also includes high and low ohm scales. Scale length corresponds in size to the Triplett 3" meter. Following meter ranges are available: d.c. volts, at 1000 ohms per volt, 0/10/50/250/500/1000; a.c. volts, at 1000 ohms per volt, 0/10/50/250/500/1000; low ohms from $\frac{1}{2}$ to 300; high ohms from 0/250,000; d.c. milliamperes 0/1/10/50/250. Provisions for external batteries for higher resistance measurements. Case size: $3\frac{1}{2} \times 5\frac{1}{2} \times 2\frac{1}{4}$ ". Panel in modernistic silver and black. Battery and test leads furnished. Instructions included. Shpg. wt. 4 lbs. List \$22.50.

W10472—Your Cost **\$14.70**



Model 1200A Master Universal Tester

Dual Meter



New tilt type dual meter provides separate a.c. and d.c. meter movements. D.C. meter has 500 micro-ampere movement with 2% accuracy. Following ranges provided: d.c. volts from 0/10/50/250/500/1000; d.c. ma. from 0/1/10/50/250; ohms from 0/500/1500/1,500,000/3,000,000; a.c. volts from 0/10/50/250/500/1000. Batteries for ohms scales self-contained. With leads and instructions. Shpg. wt. 12 lbs. List Price \$32.50.

W21480—Your Cost **\$21.23**

Kit of parts to build model 1200A tester. Less case and batteries.

W21481—Your Cost **\$16.33**

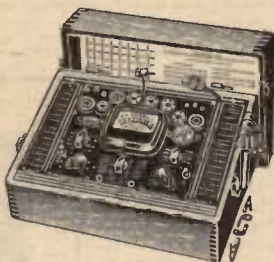
MODEL 1200B—Essentially the same as model 1200A, but with a more sensitive copper-oxide type a.c. meter.

W21482—Cost **\$26.14**

MODEL 1220A—Tube test adapter for above. Complete with all cables and plugs. Shpg. wt. 10 lbs.

W21483—Your Cost **\$9.80**

MODEL 1503 MULTI-PURPOSE TUBE TESTER



Tests all types of tubes, including glass, metal-glass and all-metal types. Provisions for Neon short test—separate diode test—emission. Checks electrolytic capacitors for leakage. Following test ranges also provided: d.c. volts from 0/10/50/250/500/1000 (1000 ohms per volt); a.c. volts from 0/10/50/250/500/1000 (at 400 ohms per volt); d.c. milliamperes from 0/10/50/250; ohms from 0/1000/10,000/100,000/1 meg./10 meg.; decibels from minus 1 to plus 15. In quartered oak case $15\frac{1}{2} \times 11\frac{1}{2} \times 7\frac{1}{2}$ ". With all

accessories. Shpg. wt. 26 lbs.

W21518—Your Cost **\$45.74**

MODEL 1504—As above, with free-point tester, sockets and jack. Shpg. wt. 29 lbs.

W21520—Your Cost **\$55.54**

ADDITIONAL TRIPLETT INSTRUMENTS

These instruments kept in stock at all times:

Model 1231 Oscillator.	W21477—Your Cost	\$22.86
Model 1232 Oscillator.	W21478—Your Cost	24.50
Model 1230 Oscillator.	W21479—Your Cost	15.02
Model 1206 Complete Analyzer.	W21485—Your Cost	79.38
Model 1205A Complete Analyzer.	W21484—Your Cost	71.54

Model 1207 Complete Analyzer.	W21486—Your Cost	\$81.02
Model 1210A Tube Tester.	W21488—Your Cost	19.60
Model 1310 Tube Tester.	W21489—Your Cost	24.17
Model 1502 Tube Tester.	W21519—Your Cost	35.93
Model 1260 Audio Oscillator.	W21517—Your Cost	27.76
Model 1295 Modulation Monitor.	W21516—Your Cost	24.33
Model 1250 V. T. Voltmeter.	W21521—Your Cost	32.66
Model 1181A Portable Laboratory.	W21522—Your Cost	37.24

RANGER EXAMINER

HIGH QUALITY-LOW COST TEST INSTRUMENTS

RANGER EXAMINER

READRITE Model 430 Tube Tester for All Tubes



An up-to-the-minute tube tester priced to fit the pocket of any serviceman or dealer. Tests all tubes including the new 8-prong metal and glass-metal types. Test tubes with actual load values applied so that accurate indication is obtained. Tests for shorts and leakage. Uses Triplett Model 221 meter with "Good-Bad" scale. Quartered oak portable case with cover, $8\frac{1}{2} \times 8\frac{1}{2} \times 4\frac{1}{2}$ ". For 110 volts, 50/60 cycles a.c. only. Shpg. wt. 10 lbs.

W21468—Your Cost **\$17.64**

READRITE Model 431 Tube Tester

Same as above, but with READRITE "Good-Bad" meter instead of Triplett. **\$14.11**

W21469—Your Cost

RANGER Model 557 All-Wave Signal Generator



Plug-in coils are used to cover a range of from 110 to 20,000 kilocycles in five bands—all fundamentals and direct reading. Accuracy is less than 1% for broadcast and intermediate bands, and less than 3% for short wave bands. Completely shielded. Puts out both modulated and unmodulated signals. All batteries and two 30 tubes are included with accessories. Black leatherette case, $12 \times 6\frac{1}{2} \times 5\frac{3}{4}$ ". Shpg. wt. 13 lbs.

W21470—Your Cost Complete **\$17.64**

RANGER Model 640-740 Free Point Analyzer



A combination free-point tester and volt-ohm-milliammeter. Complete in every detail for extensive voltage, current or resistance measurement. Tests made by either direct contact with sockets or by the free-point plug-in method. Includes a Triplett square type precision meter reading: 0/10/50/250/500/100 volts. a.c. and d.c. at 1000 ohms per volt (accuracy 2% d.c. and 6% a.c.); 0/1/10/50/250 milliamperes d.c.; low ohms 0/300; high ohms 0/250,000 with self-contained 1.5 volt battery. Five sockets for testing any type tube. Electro-enameled finish with silver and black panels. $11\frac{1}{2} \times 7\frac{1}{2} \times 4\frac{1}{4}$ ". Wt. 15 lbs.

W21467—Your Cost **\$26.46**

We maintain a complete stock of these instruments at all times.

Ranger Model 735 Pocket Volt-Ohm Milliammeter. Complete with test leads. Shpg. wt. 4 lbs.

W21471—Your Cost **\$10.58**

Additional RANGER and READRITE Instruments

Ranger Model 540-740 Signal Generator. Shpg. wt. 21 lbs.

W21472—Your Cost **\$34.98**

Readrite 720A Tube Tester. Shpg. wt. 11 lbs.

W21473—Your Cost **\$14.70**

Readrite 730A Radio Tester. W21474 **\$18.23**

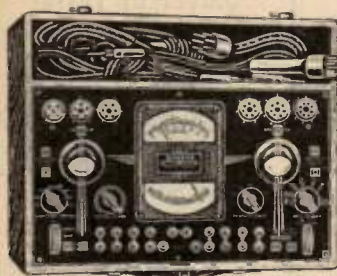
Readrite 710A Radio Tester. W21475 **16.17**

Readrite 712A Radio Tester. W21476 **21.76**

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SUPREME *Testing* EQUIPMENT

MODEL 550 DE LUXE TESTER



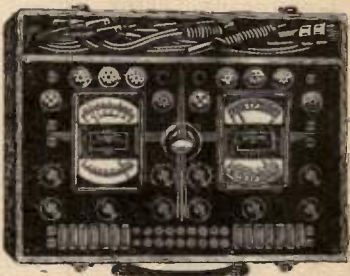
The finest, modern radio testing instrument on the market today. New Supreme Quadrimeter with bi-indicating needle and indirectly illuminated windows. The following 29 ranges are provided: a.c. volts: 7/35/140/350/700/1400; d.c. volts: 7/35/140/350/700/1400; d.c. milliamperes: 7/35/140/350/700/1400; 0/14 amperes (external only); ohms: 0/2000/20,000/200,000/2 megohms/20 megohms; mfd.: 0/0.07/35/14/3.5/70/14; db: -10 to +6/0 to +16/+10 to +26/+20 to +36/+30 to +46. Also contains electrolytic and electrostatic capacitor leakage check with self-contained power supply. Ohm scale has zero adjustment. Meter sensitivity is 1000 ohms/volt. Tubes are tested by grid shift. The power supply operates from 110/125 volts, 60 cycle a.c. Panel is of antique bronze 1 1/4" thick. Golden oak case with removable cover; size, 18 1/4" x 14 1/4" x 7 1/4". With accessories, instruction manual and adapters. Shpg. wt. 40 lbs.

W21504—Your Cost, Cash.....

Time Payment Price: \$6.00 down, \$5.55 per month—10 months.

\$54.83

MODEL 585 DIAGNOMETER



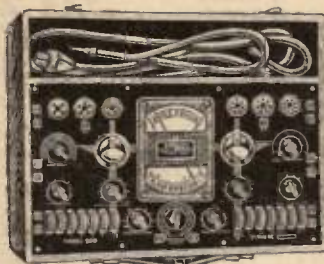
The most complete service unit of its type available. Performs 38 separate test functions, using the exclusive Supreme free reference system of analysis. Quadrimeters, with bi-indicating needles, are used for radio and tube test indications. Radio tests include the following ranges: d.c. volts from 0/7/35/140/350/700/1400; a.c. volts from 0/7/35/140/350/700/1400; d.c. milliamperes from 0/7/35/140/350/700/1400 and 0/14 amperes; capacity measurements from 0/0.07/35/14/3.5/70/140 mfd.; resistance from low range of 0/200, and 0/2000/20,000/200,000/2,000,000/20,000,000 ohms db. ranges from -10 to +6/0 to +16/+10 to +26/+20 to +36/+30 to +46 db. The tube tester, with English reading scale in colors, tests all tubes, including the all-metal octal base types, metal-glass types. Power supply operates from 110 volts, 60 cycles a.c. only. Panel assembly and meters finished in antique bronze. 22 1/2" x 18 1/2" x 7". Shpg. wt. 42 lbs.

W21503—Your Cost.....

Time Payment Price: \$10.00 down, \$8.00 per month—12 months

\$95.01

MODEL 500 AUTOMATIC



Tests all tubes for quality on English reading scale, under rated loads. Only 6 sockets for all tests, including octal tubes with filaments terminating at any two positions. Tests cathode-ray indicating tubes. Ranges: a.c. and d.c. volts: 7/140/700/1400; d.c. milliamperes: 7/140/700/1400; ohms, 0/2000/20,000/200,000, 2 megs., 20 megs.; db: -10 to 6, 0 to 16, 10 to 26. Neon tube leakage test. With all accessories. 20 1/2" x 15 1/4" x 6 1/4". For 60-cycle a.c.

W21506—Shpg. wt. 33 lbs.

Your Cost, Cash.....

Time Payment Price: \$7.50 down, \$6.61 per month for 10 months.

\$65.61

TIME PAYMENT PLAN

You can buy Supreme Instruments on time. No red-tape! No complications! Just fill out an application, send it in with the 1st payment, and the instrument is shipped. Write for blank.

MODEL 570 SIGNAL GENERATOR

Full coverage from 90 kc. to 50 megacycles in 7 bands. From 90 kc. to 20 megacycles on fundamentals; 20 to 60 megacycles on harmonics. Electron-coupled oscillator. Modulator stage modulates carrier 30% at 400 cycles. Ladder-type attenuator; jack for external wobbler; unmodulated or modulated r.f. output; 400-cycle audio note; shielded, metal portable case 10 1/2" x 8 1/2" x 5". With tube and instructions.

For 110 volts, 60 cycles a.c.

W21513—Your Cost, Cash.....

Time Payment Price: \$4.00 down, \$3.90 per month for 8 months.

\$31.31



MODEL 595 P.A. TESTER



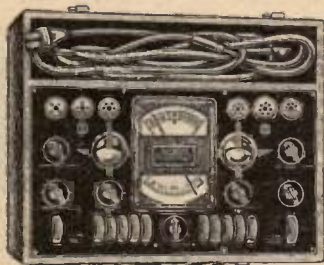
A deluxe P.A. and radio tester. Employs a 5 1/4" x 7 1/4" Quadrimeter with illuminated, double windows; sensitivity is 5000 ohms/volt, (200 microamps). Tests tubes with grid-shift. Ranges: volts d.c. and a.c.: 5/25/125/500/1250; d.c. ma.: 5/25/125/500/1250; external d.c. current: 0/250 microamps and 0/12.5 amps; ohms: 0/1,000/10,000/100,000; megohms: 0/1, 0/10; db: -10/6, 0/16, 10/26, 20/36, 30/46; mfd.: .0125/.025/.05/.125/.25/.5/1.25/2.5/5.0/12.5/25.0/50. 1 1/2" antique bronze metal panel; gold oak case 20 1/2" x 14 1/2" x 7". For 110/125 volts, 60 cycles a.c. Sturdy leather handle. With cables, adaptors and complete instructions. Shpg. wt. 35 lbs.

W21508—Your Cost, Cash.....

Time Payment Price: \$8.50 down, \$7.62 per month for 10 months.

\$75.50

MODEL 505 TUBE TESTER



Tests ALL tubes at RMA rated loads. New, illuminated dual-window meter gives English and arbitrary readings; top scale reads "Good," "Bad," "Bad"; bottom scale is divided into 100 divisions for close comparison of similar type tubes. Adjustment for power line voltage. Neon tube for leakage tests. Ideal for bench or field. Operates from 110 volts, 60 cycles a.c. In hardwood carrying case with detachable lid. Size, 19 1/4" x 14 1/4" x 6 1/4". With all accessories.

W21507—Shpg. wt. 30 lbs.

Your Cost, Cash.....

Time Payment Price: \$5.25 down, \$4.75 per month for 10 months.

\$46.99

Model 580 Signal Generator

Similar to above, but includes beat frequency audio oscillator (50-10,000 cycles), electronic wobbler and automatic timing circuit.

W21509—Shpg. wt. 40 lbs.

Your Cost, Cash.....

Time Payment Price: \$6.00 down, \$5.44 per month for 10 months.

\$53.85

OTHER SUPREME UNITS

W21505—Model 540 Tester.....

Your Cost, Cash.....

Time: \$4.00 down, \$3.66/month—10 months.

W21512—Model 590 Meter.....

Your Cost, Cash.....

Time: \$5.25 down, \$4.64/month—10 months.

W21532—Model 450 Tester.....

Your Cost, Cash.....

Time: \$4.00 down, \$3.82/month—9 months.

W21533—Model 490 Meter.....

Your Cost, Cash.....

Time: \$4.00 down, \$4.25/month—5 months.

W21510—Mod. 545 Oscilloscope.....

Your Cost, Cash.....

Time: \$10.00 down, \$7.68/month—12 months.

W21511—Mod. 555 Dig.....

Your Cost, Cash.....

Time: \$15.00 down, \$12.05/month—12 months.

W21514—Model 520 Bridge.....

Your Cost, Cash.....

Time: \$4.00 down, \$3.66/month—10 months.

\$36.21

\$46.01

\$34.15

\$22.49

\$91.09

\$144.99

\$36.21

MODEL 400 TUBE TESTER



Tests all tubes. Employs 5" fan-type meter having sensitivity of 500 microamps (2000 ohms per volt). Also provides test ranges: d.c. volts: 7/35/140/350/700/1400; d.c. ma.: 7/35/130/350/700/1,400; ohms: 0/4,000/40,000, 400,000 with self-contained battery, 0 to 4 megohms with external 45-volt battery. For 100/130 volts, 60 cycle a.c. In oak case. Shpg. wt. 25 lbs.

W21535—Your Cost, Cash.....

Time: \$4.50 down, \$3.83/month—10 months.

\$38.17

NEW *all purpose* TEST INSTRUMENTS

BENDIX-DAYRAD ALL-WAVE SIGNAL GENERATOR



Covers an extremely wide range from 5 to 6,000 meters, (50 to 62,000 kc.), all on fundamentals. Six ranges are provided as follows: 50 to 180, 165 to 550, 500 to 1,600, 1,500 to 4,750, 4,500 to 17,500, 16,500 to 62,000 kc. Includes output indicator 6E5 miniature cathode-ray tube. Direct reading air-plane dial. Circuit employs 6C6 and 2-87's. Three-section attenuator; external 400-cycle note. Cast aluminum case, 10x7x4 1/2". Case is finished in blue crackle. Incorporates Faraday shield to isolate a.c. lines. For 110-volt, 60-cycle a.c. Shpg. wt. 12 lbs. **Model 36A, W21498**—(Write for time payment details) **Your Cost.**

\$41.65

BENDIX-DAYRAD RADIO SET TESTER SERIES 58



Test ALL sets—old and new. Incorporates a 4", square-type meter having a sensitivity of 1,000 ohms per volt. The following ranges are provided: A.C. volts: 5/25/125/250/500/1250; d.c. volts: 5/25/125/250/500/1250; d.c. milliamperes: 5/25/125/250/500/1250; ohms: 0/3000 (base) and 0 to 3 megohms (full range). The meter has a zero-return adjustment, and an ohmmeter zero adjustment is also provided. The panel is equipped with plainly marked pin-jack terminals—its operation is so simple anyone can test any type of receiver with this analyzer. All necessary cable, adapters, test prods and batteries are furnished, in addition to an easy-to-understand, comprehensive set of instructions. Housed in a highly finished walnut carrying case with removable cover; size, 12x11x4 1/2". Shpg. wt. 20 lbs. **W21536**—(Write for time payment details) **Your Cost.**

\$44.10

HICKOK RADIO-AUDIO OSCILLATOR, Model OS-10



Ranges:
85 Kc.
To
50 Mc.
In
7 Ranges.
Accuracy:
Better
Than
1/2 of 1%

A thoroughly modern all-wave oscillator using an electron-coupled oscillator to cover 6 to 3,500 meters calibrated to an accuracy better than 1/2 of 1%. Output is adjustable from 1/2 micro-volt to 3 volts. Two dynatron audio oscillators supply modulation—one fixed at 400 cycles, the other adjustable from 20 to 10,000 cycles. An output meter is calibrated in db from minus 10 to plus 15 and from 12 to 40 db.

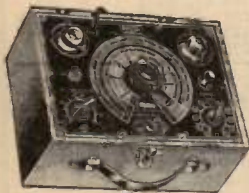
Has Built-In Power Supply

Oscillator uses a 41, 6C6, 6D6 and a 1V. The unit contains its own power supply which operates from 110-volt, 40/65-cycle a.c. Size of case is 11x9x5 1/2". Complete with all necessary connecting cables and complete operating instructions.

W21494—Shpg. wt. 16 lbs. **Your Cost.**

\$47.04

SOLAR Capacitor Tester & Resistor Bridge



Ranges:
.00001
To
70 Mfd.
2 To 50
Megohms

This new analyzer measures the capacitance of ALL types of condensers by means of a Wein Bridge; range, .00001 mfd. to

70.0 mfd. Measures power factor of electrolytics from zero to 50%, measures resistors from 2 to 50 megohms; measures leakage resistance of condensers and all insulation up to 1,000 megohms; directly indicates leaks and shorts. Has 5 direct-reading, color-coded scales; built-in power supply; uses 6E5 indicator, 1V rectifier, neon test lamp. Removable-cover cabinet, 9 1/2 x 7 1/2 x 6 1/2".

W10437—For 110 v., 60-cycle a.c. Less tubes. Shpg. wt. 7 lbs. **Your Cost.**

\$18.82

W10438—For 110/220 v., 25/60 cycles, a.c. Less tubes. **Your Cost.**

\$25.32

Set of tubes for above: (1-6E5, 1-1V) .. \$1.20

YOU CAN BUY BENDIX-DAYRAD INSTRUMENTS ON EASY, TIME PAYMENTS

The Bendix Company has arranged to finance purchases of their test equipment, amounting to \$39.00 or more, on an easy, time payment plan. You get from 6 months to 3 years to pay! Write for full details.

Other BENDIX Instruments

We maintain a complete stock of Bendix-Dayrad service instruments at all times. Complete details are available on any of the instruments listed below. Write for FREE copies of descriptive literature.

No.	No.	Purpose	Your Cost
W21537	54A	Radio Set Tester.....	\$61.25
W21538	57	Multio-Meter.....	29.15
W21539	62	Test Indicator.....	31.85
W21540	65	Oscillograph.....	132.30
W21541	64	Oscillograph.....	83.30
W21543	220	Combination Tester.....	68.10
W21544	22C	Counter Tube Tester.....	39.15
W21545	20C	Portable Tube Tester.....	39.15
W21546	27	Portable Tube Tester.....	28.90

NEW! NATIONAL MINIATURE OSCILLOSCOPE FOR THE 913

This new type CRM oscilloscope employs the little 913-type tube having a 1-inch screen. The circuit is essentially the same as in the larger, National cathode-ray oscilloscope, and includes a power supply, with controls for brilliancy and focus, a control for amplitude of the horizontal deflection, and a built-in 60 cycle sweep with provisions for external sweep of any type. In a crackle-finish metal housing, 4 1/2 x 6 1/2 x 8". Shpg. wt. 15 lbs.



W21534—Less tubes. **Your Cost.**

\$11.10

Set of tubes for above: (1-913, 1-6X5) .. \$6.35

W13832—National Oscilloscope for the 3", type 906 tube. Less tube. (CRO) **Your Cost.**

\$17.70

RACO All-Wave 54-17,000 Kc. Oscillator

A really fine signal-generator and at a price within reach of all. Five fundamental bands from 54 to 17,000 kc. Full attenuation control; universal a.c. or d.c. operation; 1% accuracy; direct reading. Metal case 10x6x5 1/4". Complete with tubes. Shpg. wt. 8 1/4 lbs. With instructions.



W21502 **Your Cost.**

\$15.60

DEPENDABLE TUBE TESTER Model 305C

An attractive, efficient and quick testing tube checker for dealer or serviceman. Tests all tubes including the metal 8-prong types. It incorporates a large 5" Bakelite fan-type meter with English-reading scales. Includes a separate line-voltage meter with voltage controls. An ohmmeter, continuity tester and condenser tester are included. Measures resistance from 10 ohms to 1 megohm—without batteries. Indicates good, open, shorted and leaky condensers, and measures actual capacitance. Available complete or in kit form. Shpg. wt. 12 lbs.



W21495—Completed. **Your Cost.**

\$21.47

W21496—Kit form..... **\$17.29**

Model 305P Tube Tester

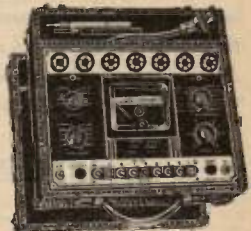
Similar to model 305C above, but designed for both portable and counter use. Cover is removable and compartment is provided for tubes and tools. Complete with instructions.

W21497—Shpg. wt. 15 lbs. **Your Cost.**

\$24.00

SIMPSON ROTO-RANGER TUBE AND SET TESTER

Features the new Roto-Dial—12 independent scales that flash into view with each movement of the range selector. No mental gymnastics—a different scale for every range. Large meter with knife-edge pointer—each scale is 3" long. Tests all tubes on 3 "Good-Bad" scales—diodes, cathodes and battery types. A line voltage adjustment is included. Tests shorts. Condenser testing is accomplished with 2 "Good-Bad" dials; one indicates the condition of mica and paper units, the other electrolytics. Ohmmeter ranges are 0/100, 0/100,000 and 0/100 megohms. Three d.c. voltage ranges are used—0/8, 0/300 and 0/1000 volts. Meter sensitivity is 400 micro-amps. Carrying case is finished in black leatherette and measures 12 1/2 x 12 1/2 x 6". Wt. 22 lbs.



W21550—Model 220. **Your Cost.**

\$55.86

Write for FREE Descriptive Circulars

FUSES and METER ACCESSORIES



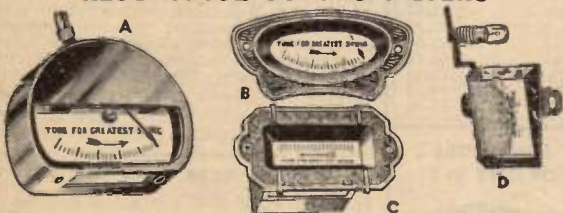
Readrite

D.C. Voltmeters			Your Cost
Stock No.	Range	Ohms	
W11051	0-1	30	
W11052	0-3	175	
W11053	0-5	410	
W11054	0-6	550	
W11055	0-8	850	
W11056	0-10	1475	
W11057	0-15	2914	
W11059	0-25	1625	
W11060	0-25	7720	1.62
W11061	0-50	3250	.59
W11062	0-50	15440	1.91
W11063	0-100	6500	.88
W11064	0-100	30888	1.91
W11065	0-150	9750	1.03
W11066	0-150	46320	\$1.91
W11067	0-300	92640	\$2.65
W11068	0-500	154400	
W11069	0-60-300	92640	

A.C. Voltmeters			Your Cost
Stock No.	Range	Ohms	
W11072	0-4	\$2.75	
W11073	0-6	2.75	
W11074	0-10	2.75	
W11075	0-15	2.75	
W11076	0-150	4.50	2.65
W11077	0-300	5.50	3.23
W11079	0-750	7.75	4.56
W11080	0-10-140	4.50	2.65



RESONANCE TUNING METERS



Four popular types available with either 10 or 15 milliamper movements, mounted in strong metal cases. Types C and D are shadow illuminated and have translucent screens; types A and B have glass dials. Types A and C are bottom illuminated, B and D rear illuminated. All with 6" connecting cable. All are sold less escutcheon.

Stock No.	Type	Your Cost
10 Ma.	15 Ma.	
W11182	W11183	
W11186	W11187	
W11190	W11191	
W11295	W11296	

Escutcheon Plates
W11293—For Type A-B.
W11294—For Type C-D.
Your Cost Each..... 18c

Nine-Wire Octal Analyzer Plug And Associate Adapters

9-Wire Lock-tite octal base plug permits modernization of all analyzers to work with the latest tubes and circuits. Adapters fit sockets as indicated. W11498—Lock-tite Analyzer Plug only.
Your Cost Each..... \$1.03

Wired Plug and Cable
Lock-tite octal base analyzer plug wired to 5-feet of 9-wire cable and with 8-prong cable plug at the other end. Shpg. wt. 1 lb.
W11492—
Your Cost..... \$2.94

Analyzer Adapters Only
Stock No. Type Your Cost
W11493 8 to 4
W11494 8 to 5
W11495 8 to 6
W11496 8 to 7S
W11497 8 to 7L
\$58c

Complete Analyzer Plug and Adapter Kit
Lock-tite octal base analyzer plug with grid plug, wired to 5-feet of 9-wire cable and with 8-prong socket and all adapters (5 in all). Complete, as illustrated. Shpg. wt. 3 lbs.
W11499—Your Cost Complete..... \$5.88

Model 55 Panel Meters

Flush mounting clamp-on type, requiring a 2 1/4" panel hole. Finished in bright nickel plate. All have narrow rim. D.C. units are solenoid type, a.c. units repulsion type.

D.C. Milliammeters			Your Cost
Stock No.	M.A.	List	
W11050	0-5	\$2.25	\$1.32
W11100	0-10	2.00	1.18
W11101	0-15	1.00	
W11102	0-25	1.00	
W11103	0-50	1.00	
W11104	0-100	1.00	
W11105	0-150	1.00	
W11106	0-200	1.00	
W11107	0-300	1.00	
W11108	0-400	1.00	
W11109	0-20/100	2.00	
W11110	0-15/150	2.00	

A.C. Milliammeters			Your Cost
Stock No.	M.A.	List	
W11087	0-50	2.75	
W11088	0-100	2.75	
W11089	0-250	2.75	
W11090	0-500	2.75	

D.C. Ammeters			Your Cost
Stock No.	Amps.	List	
W11091	0-1	\$1.00	
W11092	0-3	1.00	
W11093	0-5	1.00	
W11094	0-10	1.00	
W11095	1-0-1	1.00	
W11096	3-0-3	1.00	
W11097	6-0-6	1.00	
W11098	10-0-10	1.00	
W11099	20-0-20	1.00	

A.C. Ammeters			Your Cost
Stock No.	Amps.	List	
W11081	0-1	\$2.75	
W11082	0-3	2.75	
W11083	0-5	2.75	
W11084	0-10	2.75	
W11085	0-50	3.25	

Copper Oxide Rectifier

Converts d.c. milliameters of 15 ma. or less to a.c. milliameters.
W i t h
proper resistors can measure up to 1000 volts. Only 1 1/2 x 3/8". Instructions furnished for all changeovers and new instruments. **\$2.95**
W10570—Your Cost.....

Fuse Mounts Panel Type

Composition base, nickel plated brass contacts. Single hole mounting. Solder lugs. **6c**
W12329—Your Cost.....

Sub-Panel
As above, but for sub-panel mtg. Centers 1 1/4". **6c**
W12330—
Each.....

Copper Oxide Rectifiers

Miniature type, 1/8" square. For d.c. meters drawing less than 5 ma.
W10566—
Each..... \$2.15

20 Ma. Capacity

Circular type, 1" long by 1/4" diam. Lug terminals. **W10567—\$1.88**
Each.....

50 Ma. Capacity

1 1/8" long, 1/4" diameter. Maximum voltage, 600. **\$1.75**
W10568—Your Cost.....

Radio and Auto Fuses

Available in 1, 2, 3, 4, 5, 6, 8, 10, 15, 20, 25, 30 amp. sizes. Specify size desired. **W13169—Tin of 5 (any one size). Your Cost.... \$14c**

LITTELFUSE Products

LITTLEFUSES for Test Instruments

Designed to protect delicate test instruments. Dependable and accurate. Break circuit immediately on reaching blow point. Length 1", diam. 1/8". May be used on 250 volts, a.c. or d.c. Millimeter protection rating, shown below, for magnetic type meter movements.

Stock No.	Rating Amps.	Max. Load Ma.	Res. On 5 Ma. Load	Your Cost Each	Your Cost Doz.	V-M Ohms Per V.	To Protect Milliammeters
W12339	1/200	5	500 ohms	18c	\$1.95	over 1000	Galv.
W12385	1/100	10	110 "	12c	\$1.32	1000	up to 0-1
W12386	1/50	25	20 "			500-1000	1-10
W12387	1/25	60	5 "			100-500	10-25
W12388	1/10	100	3 "			20-100	25-75
W12389	1/5	100	1.5 "			20-100	25-75
W12390	1/2	200	6.2 "			10-20	75-150
W12391	1/1	300	3.0 "	9c	\$1.00	5-10	150-250
W12392	1/2	400	2.5 "			3-5	250-350
W12393	1/1	600	4.4 "				350-500
W12394	1	1000	.24 "	6c	65c		500-7500
W12395	2	2000	.14 "				1000-1500

High Voltage Littlefuses

Fuse wire blows each 1/2" of its length. Blow at 50% above rating.

1000 Volt		5000 Volt	
Stock No.	Your Cost	Stock No.	Your Cost
W12350	24c	W12360	42c
W12351	21c	W12361	42c
W12352	21c	W12362	39c
W12353	21c	W12363	39c
W12354	21c	W12364	39c
W12355	24c	W12365	45c
W12356	24c	W12366	45c
W12357	24c	W12367	45c
W12358	24c	W12368	45c

LITTLEFUSES for Radio Sets and Amplifiers

Approved by the Underwriters. Protect equipment. 1 1/2 x 1/4".
Your Cost Doz.

Stock No.	Amps.	V.	Your Cost Each	Your Cost Doz.
W12378	1	250		
W12379	1 1/2	250	5c	50c
W12380	2	250		
W12381	3	250		
W12396	1 1/2	500	9c	\$1.00
W12397	1 1/2	500		
W12398	1 1/2	500		
W12399	1 1/2	500		

Shielded Fuse Mounting

Approved by the Underwriters. Fully shielded by a metal cover. Complete with mounting screws. For standard radio fuses. 2 1/2 x 1 1/4". **W12325—Your Cost.... \$12c**

'Meter-Back' Mounting

Mounts directly on any meter terminal. Will not touch the other posts. **W11049—Your Cost.... \$12c**

Bakelite Fuse Mounts

Molded Bakelite bases. Plated fuse clips are slotted—grip fuse firmly. Easy to mount.
Panel Type
Base size 1 1/2 x 5/8 x 1/8". Take the 1" Littlefuses (instrument type). **W12383—Your Cost..... 9c**
For standard 1 1/4" radio fuses. **W12324—Your Cost..... 9c**

Sub-Panel Type
Have 1" studs having 6-32 thread. For 1" instrument type fuses only. 1 1/2 x 3/4 x 1/8". **W12382—Your Cost.... \$12c**
For standard 1 1/4" radio fuses. **W12327—Your Cost..... 9c**

PRECISION PANEL METERS

TRIPLET



**Universal
3" A.C.-
D.C. Meter**

Uses copper oxide rectifier in advanced circuit; low losses due to rectification. Using multipliers, scales are: 0-15-150-750 volts a.c., or d.c., at 1000 ohms per volt, 0-15-150 d.c., ma., 0-1500 ohms, 0-1.5 megohms. Accuracy on d.c. 2% on a.c., 5%. With D.P.D.T. switch for a.c. to d.c. change. **W11291—List \$15.00**
Your Cost.....\$9.80

TRIPLET

**321 & 221
0-1 MA.
D.C. Meters**

Both are the flush type Molded cases. Flange diameters are, model 321—3 1/4", model 221—2 1/4". Approximate resistance 33 ohms. D'Arsonval movements with sapphire bearings. Accuracy within 2%. **W11200—Model 321 \$4.58**
W11208—Model 221 \$3.75
Your Cost Each.....



**Model 321 Combination
Volt-Ohm-Milliammeter**

W11438—3" Molded case; 100 ohms internal resistance. Scales read: 30-300-600 volts, 30-300 ma., 100,000 ohms. With diagram. **W11442—As above** but with scales reading: 10-50-250-500 volts, 10-50-250-500 ma., 100,000 ohms. Complete with diagrams. **Your Cost Each, \$4.90**
Either Type.....

**BEEDE FAN TYPE
FOUNDATION METER**



Has large fan type scale, knife edge pointer. Panel opening required, 2 1/2" diameter.

Body length 4 1/4", overall depth 1 1/4", height 3 1/4"; black molded Bakelite case. Internal resistance is 50 ohms; 1-milliamper movement. Scale reads 0-5-250-750 volts, d.c., 0-2000 ohms. The resistance scale may be used to read up to 200,000 ohms or 1 megohm using suitable external resistors. Shpg. wt. 2 lbs. **W11172—**
Your Cost Each.....\$4.41

**BEEDE PANEL D.C.
MILLIAMMETERS**

D'Arsonval movements accurate within 2%. Sapphire bearings, zero adjustment, aluminum pointer and attractive flush-mounting case. Highly efficient and compact.

Model 701 3 1/4" Metal Case
Stock No. Range Your Cost
W11174 0-1 \$3.53
W11175 0-10
W11176 0-200
W11177 0-500 **\$2.79**

Model 311 3 1/4" Bakelite Case
W11178 0-1 \$3.82
W11179 0-10
W11180 0-100
W11181 0-200 **\$3.09**



TRIPLET
**PANEL TYPE
PRECISION
METERS**



Incorporate precision engineering, the finest materials and workmanship. Molded cases, all terminals molded in, sapphire jewels in adjustable screws. Accuracy within 2%. Models 321 and 331 are 3 1/4" diameter (flange), models 231 and 221, 2 1/4".

D.C. VOLTMETERS

Model 321—1000 Ohms/Volt

Stock No.	Range	List	Your Cost
W11240	0-10	\$ 8.25	\$5.39
W11241	0-50	8.25	
W11242	0-100	8.75	\$5.71
W11243	0-150	8.75	
W11244	0-500	11.00	7.18
W11245	0-1000	16.00	10.45

D.C. VOLTMETERS

125 Ohms per Volt

Model 321 Stock No.	Range Volts	Model 221 Stock No.	Range Volts
W11230	0-5	W11247	0-5
W11231	0-10	W11248	0-10
W11232	0-15	W11249	0-15
W11233	0-25	W11250	0-25
W11234	0-50	W11251	0-50
W11236	0-150	W11253	0-150
W11237	4.58	0-250	W11254 3.75
W11404	6.04	0-500	W11405 5.07

D.C. MILLIAMMETERS

Model 321 Stock No.	Range Ma.	Model 221 Stock No.	Range Ma.
W11200	0-1	W11208	0-1
W11201	0-1.5	W11209	0-1.5
W11411	0-3	W11415	0-3
W11412	0-5	W11416	0-5
W11202	0-10	W11210	0-10
W11203	0-15	W11211	0-15
W11204	0-25	W11212	0-25
W11205	0-50	W11213	0-50
W11206	0-100	W11214	0-100
W11413	0-150	W11417	0-150
W11207	0-200	W11215	0-200
W11414	0-250	W11418	0-250
W11208	0-500	W11216	0-500
W11396	0-750	W11400	0-750
W11397	0-1000	W11401	0-1000

D.C. AMMETERS

Model 321 Stock No.	Range Amps.	Model 221 Stock No.	Range Amps.
W11216	0-1	W11223	0-1
W11217	0-5	W11224	0-5
W11218	0-10	W11225	0-10

NEW "GIANT" 5 1/4" FOUNDATION VOLT-OHM-MILLIAMMETER

Molded phonetic case with 5 1/4" flange diameter. Easily read at a distance. 0-1 ma., movement with 100-ohm internal resistance; any ranges can be assembled to suit your requirements. Model 521 has d.c. scales: 10-50-250-500 volts, 10-50-250 ma., and 0-100,000 ohms. Accuracy is guaranteed within 2%. Shunts and accessories listed below are those most in demand to make up a complete servicing volt-ohm-milliammeter for bench or portable use. Shpg. wt. 5 lbs. **W11297—Model 521 meter only.**
Your Cost.....\$6.86



SHUNTS, RESISTORS AND ACCESSORIES

W11443	Bakelite-mounted resistors for volts.....	\$4.90
W11444	Bakelite-mounted shunts for milliamps.....	1.79
W11445	Limiting resistor for 100,000 ohms.....	.65
W11301	Zero adjuster with knob for 100,000 ohms.....	.65
W11302	Resistor to read to 1,000 volts (unmounted).....	2.30
W11303	Limiting resistor with zero adjuster and knob, to read .5 to 500 ohms (15 ohms at center of scale).....	1.71
W11304	A.C. adapter for output measurements.....	3.43
W11305	Two-deck selector switch with knob.....	1.63

A.C. VOLTMETERS

Model 331 Stock No.	Range Volts	Model 231 Stock No.	Range Volts
W11402	0-3	W11403	0-3
W11273	0-5	W11280	0-5
W11274	0-10	W11284	0-10
W11275	0-15	W11282	0-15
W11276	0-25	W11283	0-25
W11277	0-50	W11284	0-50
W11279	4.58	0-150	W11286 3.75
W11406	5.39	0-300	W11409 4.73
W11407	10.45	0-1000	W11410 9.63
W11408	6.05	0-15-150	

A.C. MILLIAMMETERS

Model 331 Stock No.	Range Ma.	Model 231 Stock No.	Range Ma.
W11419	0-10	W11420	0-10
W11265	0-15	W11269	0-15
W11266	0-25	W11270	0-25
W11267	0-50	W11271	0-50
W11268	0-100	W11272	0-100
W11421	0-250	W11423	0-250
W11422	0-500	W11424	0-500

A.C. AMMETERS

Model 331 Stock No.	Range Amps.	Model 231 Stock No.	Range Amps.
W11255	0-1	W11260	0-1
W11256	0-3	W11261	0-3
W11257	0-5	W11262	0-5
W11258	0-10	W11263	0-10
W11259	0-25	W11264	0-25
W11429	4.58	0-30	

D.C. MICROAMMETERS

Model 321 Stock No.	Range Micro-Amps.	Model 221 Stock No.	Range Micro-Amps.
W11434	\$7.84	0-200	W11432 \$6.86
W11435	6.04	0-500	W11433 5.07

Thermo-Couple Type Radiation Ammeters

Model 341, 3" Stock No.	Range Amps.	Model 241, 2" Stock No.	Range Amps.
W11391	1.0	W11425	1.0
W11392	2.5	W11426	2.5
W11393	5.0	W11427	5.0

TRIPLET

**"SQUARE"
METERS**

This new meter is attractive, easy to read and highly efficient. Fits 2 1/4" hole. In Molded case 4x4 1/4x1 1/4" deep. Has 3 1/4" long scale. Voltmeter is 1000 ohm/volt type. Models 421 D.C.



D.C. VOLTMETERS

No.	Range	List	Net
W11372	0-5	\$ 9.75	\$6.37
W11373	0-10	9.75	
W11374	0-50	9.75	\$6.37
W11375	0-100	9.75	
W11376	0-150	10.00	6.54
W11377	0-300	11.50	7.50
W11378	0-750	16.00	10.45

D.C. MILLIAMMETERS

No.	Range	List	Net
W11379	0-1	\$9.00	\$5.88
W11380	0-5	7.50	
W11381	0-10	7.50	\$4.90
W11382	0-50	7.50	
W11383	0-100	7.50	\$4.90
W11384	0-250	7.50	
W11385	0-500	7.50	

MICROAMMETERS

No.	Range	List	Net
W11386	0-200	14.00	9.14
W11387	0-500	10.75	7.02

WESTON MODEL 301 A.C.-D.C. METER



Rectifier type. Used with external shunts and multipliers. Moving coil unit with self-contained rectifier. Alone reads 5 volts and 1 ma., a.c., and 50 millivolts and 1 ma., d.c.

W10774—
Your Cost.....\$13.97

FOUNDATION 0-1 MA. METER
1 ma., at 50 millivolts. Reads 50-250-1000 volts; 100,000 ohms. Less resistors.
W10772—Your Cost \$7.35

0-1 D.C. MA. METER

Type 301, 3", flush mounting.
W10675—
Your Cost.....\$7.35
2" 0-1 Milliammeter
Type 506, 2", flush mounting.
W10817—
Your Cost.....\$6.25

WESTON MODEL 301'S D.C. MILLIAMMETERS

No.	Range	List	Net
W10675	0-1	\$10.00	\$7.35
W10679	0-5	9.00	
W10680	0-10	9.00	\$6.61
W10681	0-15	9.00	
W10685	0-50	9.00	\$6.61
W10686	0-100	9.00	
W10688	0-200	9.00	\$6.61
W10691	0-500	9.00	

D.C. VOLTMETERS

No.	Range	List	Net
W10607	0-10	9.00	\$6.61
W10608	0-15	9.00	
W10615	0-150	11.25	8.27

MICRO-AMMETERS

No.	Range	List	Net
W10701	0-200	14.25	\$10.48
W10702	0-500	14.25	

A.C. VOLTMETERS

Stock No.	Approx. Volts	Ohms /Volt	Your Cost
W10752	15	14	\$6.61
W10758	150	105	8.27

ANALYZER FITTINGS and ACCESSORIES

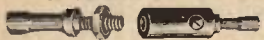
PLAIN & INSULATED BANANA JACKS AND PLUGS



Jack "A" has insulated shoulder and fits $\frac{1}{8}$ " hole; available in red or black to match plug "D". Jack "B" is of nickel-plated brass, 1" long. Plug "C" is of spring brass, $1\frac{1}{2}$ " long. Plug "D" has insulated screw end for solderless connection in red or black. Specify color when ordering.

Stock No.	Type	Your Cost	For Ea.
W12916	A	6c	55c
W12923	B	4c	35c
W12919	C	4c	35c
W12915	D	6c	55c

BANANA PLUGS



Both of brass, nickel-plated; fit standard jacks. Plain plug has $\frac{1}{2}$ " screw, $1\frac{1}{2}$ " long, overall 1" long. Insulated plug has screw in side for solderless connections, $1\frac{1}{2}$ " long, available in red or black. Specify color desired.

W12920—Plain plug	4c
W12921—Insulated plug	8c

MIDGET BANANA PLUGS AND JACKS



Insulated plug is 1" long and jack $\frac{1}{8}$ ". Plain plug is $\frac{1}{2}$ " long; jack is $\frac{1}{2}$ " and fits $\frac{1}{8}$ " hole up to $\frac{1}{4}$ ". Insulated types available in red or black. Specify color desired.

W12905—Plain plug	4c
W12906—Plain plug	4c
Per Dozen	40c
W12907—Insulated plug	6c
W12908—Insulated jack	6c
Your Cost Each	55c
10 For	

"GIANT" BANANA PLUGS AND JACKS



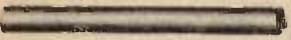
For heavy duty work as in transmitters; capacity 25 amperes. All of solid brass, nickel-plated.

Stock No.	Type	Your Cost
W12993 Jack; $\frac{1}{4}$ " hole		15c
W12990 Plug; $\frac{1}{4}$ " hole		
W12991 Plug; $\frac{1}{2}$ " hole		
W12992 Plug; $\frac{1}{2}$ " hole		

Binding Post With Banana Jack Top
Hole in top takes banana plug. Hole in stem for wire. In red or black. Specify color when ordering.

W12945—12 for 80c	7c
Your Cost Each	

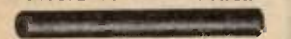
INSULATING RODS



In red or black. All 12" lengths.

Stock No.	Diam.	Your Cost
W12902	$\frac{1}{8}$ "	14c
W12903	$\frac{1}{4}$ "	19c
W12904	$\frac{3}{8}$ "	29c

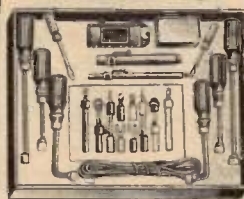
Insulated Hex Wrench



Hexed entire length; cut broken end and have a new wrench.

Stock No.	Length	Your Cost
W15148	6"	14c
W15149	8"	16c

Thutest



box. Shpg. wt. 5 lbs.
W12888—Your Cost, Complete Kit

TEST ACCESSORY KIT

Solderless and interchangeable parts for all tests. 2 long and short prod handles, 2 plug-in prongs, 2 plug-in jacks, 2 insulated tapered lugs, 2 insulated needle point phone tips, 2 insulated alligator clips. In red and black for positive and negative identification. Packed in a neat box.

W12972—Shpg. wt. 1 lb.
Your Cost, Special

\$1.18

INSULATED SPACERS

$\frac{1}{4}$ " outside diameter, $\frac{1}{2}$ " inside. In red or black. Specify color desired.

Stock No.	Height Inch	Cost Each	Per Dozen
W12938		2c	20c
W12939		2c	20c
W12940		2 $\frac{1}{2}$ c	24c
W12941		3c	25c
W12942	1	4c	35c

Flush Type Tip Jacks

Heavy contact spring. Will take both plain and solderless tips. Mount in $\frac{1}{4}$ " holes. Nickel-plated brass finish.

W12948—Flush tip jack.
Your Cost..... 3c
Per Dozen..... 30c

Tip Jacks
For test equipment. Nickel-plated. Powerful bronze spring. $\frac{1}{8}$ " mtg. hole.

W12918—Your Cost Each... 3c
Per Dozen..... 30c

Senior Tip Plug

All metal tip plug for tip jack use. Solderless connection. $1\frac{1}{2}$ " long.

W12943—Per Doz. 40c
Your Cost Each..... 4c

Junior Tip Plug

As above, but only 1" long.

W12944—Per Dozen 30c
Your Cost Each..... 3c

Standard Tip Plug

Nickel plated brass.

W14881—Your Cost, Per 10..... 6c
Per 100..... 50c

ALLIGATOR CLIPS

Available in plain and insulated types.

Ends take prods or banana plugs. Insulated types in red and black. Specify color desired. All have firm spring grips that retain their strength. 2" clip is $\frac{1}{4}$ " wide, 2 $\frac{1}{2}$ " clip, $\frac{3}{8}$ " wide. Ideal for meters.

Stock No.	Style and Length	Your Cost
W12955	Plain; 2" long	4c
W12956	Plain; 2 $\frac{1}{2}$ " long	5c
W12911	Insulated; 2 $\frac{1}{2}$ "	7c
W12909	Insulated; 3 $\frac{1}{2}$ "	10c

Dual-Grid Analyzer Stud

Modernizes old analyzer plugs to accommodate metal or glass grid caps.

W11750—Your Cost..... 6c

SERVICEMEN'S TEST KITS

Thirty-pieces for test and repair. Include two 6" hex, ($\frac{1}{4}$ " and $\frac{1}{2}$ "), two 9" hex ($\frac{1}{8}$ " and $\frac{1}{4}$ "), and two 6" "offset" hex wrenches ($\frac{1}{4}$ " and $\frac{3}{8}$ "), three assorted size insulated screwdrivers, three assorted size flat top wrenches, one length (72") each of red and black wire, one No. 14915 neutralizing tool and one 5" compensating screwdriver, an assortment of red and black test parts including test prods, alligator clips, etc., and one box of assorted radio hardware. All are mounted on a card, packed in a neat

\$2.95



Miniature Tube Caps

For Metal Tubes



These tube caps are of nickel-plated brass and are furnished tinned.

W14983—Adapter to fit any regular control-grid clip for contacting new miniature tube caps.

Type A—Your Cost Each..... 8c

W14984—Tinned brass grid clip for contacting miniature caps on metal tubes.

Type B—Per Dozen..... 8c

Your Cost Each..... 1c

W14985—Above with wire ferrule.

Type C—Per Dozen..... 8c

Your Cost Each..... 1c

NATIONAL Grid Clips

Freed by a slight pressure and easily removed. Tinned grip end for soldering. $\frac{1}{4}$ " long.

W14434—Your Cost Each..... 3c

Same as above, but for metal tubes.

W14565—Your Cost Each..... 3c

Same as above, but for larger tubes as 866; also fits $\frac{1}{2}$ " tubing.

W14441—Your Cost Each..... 6c

Screen-Grid Clips

Fits all standard grid posts. Brass, tinned for easy soldering.

W14827—Your Cost Each..... 1c

Your Cost, Per Dozen..... 8c

Your Cost, Per Gross..... 75c

Caps for Glass Tubes

Insulated cap with solderless insulated plug and 12" lead. In red or black. State color.

W11727—Your Cost..... 15c

As above, but heavy duty type. For transmitting tubes (866's etc.). Specify color desired.

W11729—Your Cost Each..... 19c

Same as W11727, but less plug. Heavily insulated spring clip insures positive contact. In red or black; specify color.

W14712—Your Cost Each..... 6c

W14719—For metal tubes.

Your Cost Each..... 8c

Metal & Glass Tube Cap

Fits either type. With 11" lead and pin-tip. In red or black. Specify color with order.

W11728—Your Cost Ea..... 12c

INSULATED ANALYZER FITTINGS

Will add to the appearance and efficiency of any analyzer. All numbers are available in red or black; specify color desired when ordering.



Needpoint prods that take standard phonograph needle which is easily replaceable.

Figure 1. 4' test prod with banana plug tip.

W12910—Your Cost..... 15c

Figure 2. 4" solderless needpoint test prod.

W12881—Your Cost..... 15c

Figure 2. 7" solderless needpoint test prod.

W12884—Your Cost..... 18c

Figure 3. Short test prod, 2 $\frac{1}{2}$ " long.

W12912—Your Cost Each..... 12c

Figure 4. Insulated needpoint phone tip plug to fit test prods.

W12913—Your Cost..... 6c

Figure 5. Insulated plug with tapered lug.

W12914—Your Cost..... 6c

Insulated Tip Jacks

Have new type springs which provide sure grip contact. Mounts in $\frac{1}{8}$ " hole. In red or black. Specify color desired.

W12879—Per Dz. 59c

Your Cost Each..... 6c

Combination Jack
New type, takes both phone tips and banana plugs. Fully insulated, with insulated washer. In red or black. Specify color desired.

W12925—Per Dz. 85c

Your Cost Each..... 8c

Sr. Insulated Prods

Solderless type; fit all standard tip jacks. Used on test leads for meters, analyzers, etc. In red and black; specify color when ordering.

W12973—1 $\frac{1}{2}$ " long prod.

W12974—1 $\frac{1}{2}$ " long.

Your Cost Each..... 6c

Either Type..... 59c

Midget Short Jacks
Bakelite insulation. $\frac{3}{8}$ " mtg. hole.

W6548—Closed Circuit Jack.

W6549—Open Circuit Jack.

Your Cost, Each..... 14c

Either Type.....

Double Phone Plug

Will take one or 2 phone or speaker cords or combination of both. In red and black. Tie loop.

W14971—Red

W14974—Black

Your Cost Each..... 19c

Bakelite Extension Cord

Connector Has two openings at either end for inserting two pin tips. Sturdily made of molded Bakelite and incorporates sure-contact grips.

W13051—Your Cost Each..... 8c

BEST PRODS and ALIGNING TOOLS

TEST PROD KIT



Spring prongs at the end of prods allow changing from spade lugs to phone tips or spring clips. Handles are 6" long, $\frac{1}{4}$ " diameter. Needle point phone tips for piercing insulated wire. Five foot red and black kink-

less wire. Complete with two alligator clips, two needle point phone tips and two tapered lugs. **W12971—Your Cost..... 75¢**

Similar to above, but without interchangeable feature—fixed ends. **W12882—Alligator clips..... 49¢**

Your Cost per Set..... 40¢
W12883—Phone tips..... 40¢
Your Cost per Set..... 40¢

Laboratory Test Prods

Improved type. Bronze tip with needle point and heavy body. Double purpose—needle prod and phone tip prod. Heavy 5" long handles. Five foot red and black kinkless leads.



W12978—With spade tips..... 42¢
W12979—Phone tips..... 53¢
Your Cost, Either..... 42¢
W12980—Spring clips..... 53¢
Your Cost Each..... 53¢

TEST LEAD BARGAIN!

37-inch test leads equipped with phone tips at one end and 3-inch insulated prods at the other. Flexible leads; both leads and prods are colored red and black. **W12983—Your Cost..... 22¢**

Needle and Solderless Tip Prods



Chucks and nuts hold plain phonograph needles; easily changed when broken (Type A). Fibre handles 4" long, $\frac{3}{8}$ " diameter, in red and black with red and black kinkless wire. Type B is a solderless tip equipped with long point.

PHONE NEEDLE TIP PRODS
Stock Wire Your Cost
No. Ends
W12976—Phone Tips..... 29¢
W12975—Spade Lugs..... 36¢
W12977—Alligator..... 36¢

SOLDERLESS TIP PRODS
W12968—Phone Tips..... 29¢
W12969—Spade Lugs..... 35¢
W12970—Alligator..... 35¢

Kinkless Rubber Wire

Will not kink or knot. Heavy-duty $\frac{1}{8}$ " abrasion-proof rubber wall; contains 65 strands of tinned copper wire. Red or black. Specify color. **W16150—25-ft. coil..... 50¢**
Your Cost..... 50¢
W16151—100-ft. coil..... \$1.75
Your Cost..... \$1.75

Insulated Screw Driver

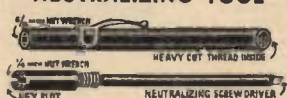
1" diameter Bakelite knob on $\frac{1}{2}$ " rod, $3\frac{3}{4}$ " long. Has steel screwdriver nib. **W15087—Your Cost..... 23¢**

TRUTEST ALIGNMENT TOOL KIT



Complete kit for aligning all circuits of all types of receivers. Includes pair of kinkless wire test prods, flexible tuning wand, alligator-jaw wrench and driver, brass $\frac{1}{4}$ " socket head wrench and driver, 6" insulated alignment screwdriver, 9" balancing screwdriver with $\frac{1}{2}$ " insulated socket head, a 3-in-1 neutralizing tool (nesting type—a screwdriver with a $\frac{3}{8}$ " and a $\frac{1}{4}$ " socket head), and a metal-tube set trimmer for the new receivers. All are packed in an attractive carton. Shpg. wt. 4 lbs. **W15090—Alignment Kit..... \$2.98**
Your Cost, Complete..... \$2.98

NEUTRALIZING TOOL



Has pen clip for pocket. $\frac{1}{4}$ " nut wrench with key slot, and aligning screwdriver. **W14915—Your Cost..... 28¢**

5-IN-1 ALIGNER KIT

Combines in a four-tain size tool, $\frac{1}{4}$ " and $\frac{1}{2}$ " nut wrenches, miniature blade screwdriver for all aligning and a full-size insulated handle screwdriver. **W15082—Your Cost..... 70¢**

NEUTRALIZING & ALIGNING TOOL KIT

14 tools telescope into six units: a flexible screwdriver for hard-to-reach spots, "magic" alignment tool, alligator side wrench, 6" insulated driver—metal nib, $\frac{3}{8}$ " and $\frac{1}{4}$ " nut wrench, $\frac{1}{4}$ " insulated square nut wrench, $\frac{1}{4}$ " hex metal side wrench, $2\frac{1}{2}$ " insulated driver with metal nib, $\frac{1}{4}$ " hex slotted insulated wrench driver, $\frac{3}{8}$ " hex insulated nut wrench, 6" insulated driver and 6" insulated driver.

W15088—List \$4.50..... \$2.65
Your Cost..... \$2.65
Similar to above, but less flexible screwdriver and "magic" aligning tool. Complete with leatherette case. **W15089—Your Cost, Complete..... \$2.06**



Attachments for Tools

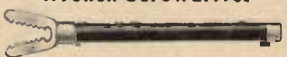
Screw on aligning tools having threads as found on aligner No. 14915 described above.

Balnut for Majestic Receivers
Overall $2\frac{1}{2}$ " long. Has screwdriver and offset socket for $\frac{1}{4}$ " hex nuts that extends tool handle $1\frac{1}{4}$ ". **W15085—Your Cost Each..... 23¢**

For CROSLY RECEIVERS
Extends tool $1\frac{1}{4}$ ". Has socket in end for $\frac{3}{8}$ " square nuts. **W15086—Your Cost..... 10¢**

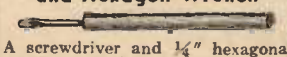
For MAJESTIC RECEIVERS
Similar to W15086 above, but has hex socket. **W15084—Your Cost..... 10¢**

Alligator Neutralizing Wrench-Screwdriver



Wrench with $\frac{3}{8}$ " opening. Securely fastened to extra strong high insulation rod size $\frac{1}{4} \times \frac{1}{4}$ ". Hardened steel screwdriver blade. **W14921—Your Cost..... 24¢**

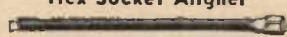
Aligning Screwdriver and Hexagon Wrench



A screwdriver and $\frac{1}{4}$ " hexagonal opening on the other end. Steel Blade length 2".

Stock No. Length Your Cost
W15100—6"..... 18¢
W15101—9"..... 24¢
W15102—12"..... 30¢

Hex Socket Aligner



6" long with brass $\frac{1}{4}$ " socket head. Other end has hardened screwdriver bit. Shaft diam. $\frac{1}{8}$ ". **W15104—Your Cost..... 29¢**

Metal Tube Set Trimmer

Has screwdriver fastened in metal cylinder that fits over special screws. $4\frac{1}{2}$ " long; shank is $2\frac{1}{4}$ " and $1\frac{1}{2}$ " diameter. **W15103—Your Cost..... 59¢**

Double Shank Trimmers

For Philco, RCA, etc. Screwdriver shank is $\frac{3}{8}$ " diameter—fits into $\frac{1}{4}$ " hole up to $1\frac{1}{4}$ "; other end takes $\frac{1}{4}$ " hex nut. **W15105—6" long..... 45¢**
W15106—10" long..... 59¢

Adjustable Balancer

All Fenoline—no metal parts. Screwdriver slides inside aligning wrench; other end has hex socket. **W15192—Extends 6" to 11"..... 34¢**
Your Cost Each..... 34¢
W15193—10" to 18"..... 49¢
Your Cost Each..... 49¢

FIBRITE Screw Driver

Ideal for aligning high-frequency receivers and short-wave sections. 7" long; driver at both ends for all trimmers. Diameter, $\frac{3}{16}$ ". **W15150— $\frac{3}{16}$ " diameter..... 20¢**
W15151— $\frac{1}{8}$ " diameter..... 29¢

ALIGNING TOOL SET

Two tools, one fits within other. One is 6" long, $\frac{3}{8}$ " diameter with fitted brass wrenches for $\frac{1}{4}$ " and $\frac{1}{2}$ " hex nuts. Other is $\frac{1}{2}$ " rod fitted with screwdriver nib and special magnetic steel. Both of solid Bakelite. **W15083—Your Cost..... 69¢**

"LITTLEFUSE" NEON TATTLELITE TESTER

Made to fit the pocket. Used for detecting open fuses, live lines, open circuits, polarity, continuity tests, etc. Tiny neon lamp will glow on as little as 0.5 ma. Leads are color-coded and have phone tips. Can be used in making stroboscopes and oscillators. **W11310—Your Cost Each..... 59¢**



NEON TESTER

With this new Test-O-Lite you can find blown out fuses immediately! Will check any voltage between 110 and 550 volts—either a.c. or d.c. Will also check spark-plugs, radio sets, household appliances, etc. Neon lamp is protected by molded Bakelite case. **W12983—Your Cost..... \$1.10**

POLY-IRON Resonator Alignment Wand

For determining correct alignment. A 6" flexible rubber rod; one end brass loaded—the other, core steel. Placing either end in magnetic field of coil will indicate inductive condition; whether aligned or whether above or below resonance. **W14978—Your Cost..... 59¢**

SOLID TUNING WAND

Similar to above in action, except that the body is solid insulation instead of flexible rubber. **W14976—Your Cost Each..... 59¢**

Pencil Type Test Leads

5" long handles of red and black phenolic. With rubber, kinkless wire. Molded finger grip tips with set screws for solderless connections. Overall length 65". **W12988—Your Cost..... 72¢**

Knurled Nut Wrench

For tightening or removing $\frac{5}{8}$ " to $1\frac{1}{2}$ " knurled nuts. Overall length 8 $\frac{1}{2}$ ". Shpg. wt. 1 lb. **W15267—Each..... \$1.18**

NEW "PENCILITE"

With Magnifying Lens
A new pocket flashlight ideal for use by physicians, dentists, radio servicemen and mechanics, etc. Has a pocket clip like a pen. Is $5\frac{1}{2}$ " long, $\frac{3}{8}$ " diameter. Momentary push switch on top, or turn of top keeps light on steadily. Furnished complete with long life bulb and battery. Red and black lacquer finish. **W15028—Each..... 39¢**
W15029—Extra batteries for above..... 12¢
Your Cost per Set..... 12¢

NEW MICRO-LITE

$3\frac{1}{2}$ " long, $\frac{5}{8}$ " diameter. With attachment ring. **W17723—Your Cost..... 22¢**

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RADIO SERVICE MENS' LIBRARY



GHIRARDI'S RADIO PHYSICS COURSE

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The radio "bible" for beginners, students and technicians. Has 972 pages and over 500 illustrations on every phase of radio, photo-cells, television, talkies, elements of d.c. and a.c., all told in

simple, every-day language. It answers any question that might possibly pop up. Used in technical schools throughout the country. 2nd revised edition; heavy cloth binding. **Sent post-paid anywhere in U. S. A. \$4.00**
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2nd revised and greatly enlarged edition. 1300 pages of practical facts on up-to-date servicing; how to construct and operate modern test equipment; locating and eliminating noise; cathode-ray aligning; antennas, auto radios, etc. Profusely illustrated with diagrams, photos, charts, etc. Shpg. wt. 6 lbs.

W19958—Your Cost. **\$4.00**

Field Service Data and Answer Book

The ideal pocket book for the job. 436 pages. Lists i.f.'s of 5424 sets and troubles in over 1500 receivers. Electrical diagrams of all makes of cars; clearing ignition noise, numerous charts, codes, tables. In heavy loose-leaf binding.

W19959—Your Cost **\$2.50**
Save Money! The two books listed above when ordered together—
Your Cost, **\$6.00**
Both Books.

R.C.A. MANUALS



A complete series of service manuals covering all the RCA receivers made between 1923 and 1936. The most complete information available. Exceptionally low in price. Stiff covers, fabric covered and lettered in gold. Shipping weight each, 3 pounds.

Stock No.	Year	Pages
W19971	1923-1928	672
W19969	1929-1930	604
W19997	1931-1932	604
W19950	1933	340
W19964	1934	384
W19965	1935	532
W19966	1936	549

Your Cost **\$1.25**
Each

Sprayberry's New Voltage Tables

All voltages at the sockets of 1468 receivers from 1927 to date. Each table reads at a glance. Completely indexed. 8 1/2 x 11"; can be slipped into the pocket for use while on the job.

W20018—Your Cost. **98¢**

GERNSBACK'S SERVICE MANUALS

Volume No. 6—The latest! 1200 pages; 2500 illustrations. Shpg. wt. 8 lbs.

W19954—Your Cost, Volume VI. **\$6.95**

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Official Auto-Radio Manuals

Flexible-covered, loose-leaf books, 9x12". Volume I covers set up to 1934—200 pages, 600 illustrations. Volume II covers all 1934 models—240 pages, 600 illustrations.

W19982—Volume I. W20002—Volume II. **\$2.00**
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Official Refrigeration Service Manuals

W19904—Volume I; 340 pages, 1200 diagrams, flexible loose-leaf. W19917—Volume II; JUST OUT! 362 pages, over 300 illustrations. Shipping weight each, 4 pounds.

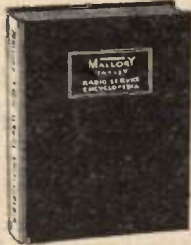
Your Cost, Either Volume. **\$4.75**



NEW! MALLORY-YAXLEY ENCYCLOPEDIA

The most amazing book ever published for the serviceman! Over 12,000 different models completely analyzed in one compact, complete book! Gives all data on i.f. peaks, volume controls, tone controls, tube complements, condensers, transformer circuits, vibrators, and comprehensive circuit diagrams that you can read and understand. Also complete inductance, resistance, capacitance, and other electrical data necessary for intelligent servicing. Over 200 pages; full 8 1/2 x 11" size, bound in a waterproof, washable cloth cover. Only a limited edition has been printed—at the low price quoted, you must order NOW. Shipping weight 3 lbs.

W19994—Your Cost Each, Special. **\$1.47**



Frank C. Jones' "Radio Handbook"

Just released and well-worth waiting for. Beyond a doubt the finest, 1937 handbook on short-wave receivers, transmitters, accessories, aeriels, theory and practice ever assembled and presented to the ham and serviceman; 456 pages; hundreds of illustrations, charts, diagrams, tables, etc. Includes a coupon which entitles you to receive the supplement which is to be published later in the year. Covers elementary a.c. and d.c., radio theory, antenna theory and practice, chapters on cathode-ray television, fever machine, ultra high frequency. Covers everything in simple language, yet omits nothing. Shpg. wt. 3 lbs.

W19999—Your Cost **\$1.50**



Radio Amateur's Call Book



The only publication listing all radio amateur stations throughout the entire world. Also short-wave commercial stations. Contains all abbreviations, "Q", "R", and "T" systems, press and weather schedules. Latest edition. 320 pages. Shpg. wt. 2 lbs.

W19936—Your Cost. **\$1.25**

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Published by RADIOCRAFT magazine for your increased knowledge and profits. Written in simple, everyday language. All new and up-to-date. 6x9"; soft binding; can be slipped into the pocket. List 50¢ each.

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RIDER'S PERPETUAL MANUAL No. 7



Volume No. 7—The very latest! Covers everything in receivers for 1936. 1600 pages.

W19951—Your Cost. **\$9.80**

Volume No. 6—1250 pages covering all sets of 1935 of 116 manufacturers. 90-page index covers contents of all 6 volumes.

W19942—Your Cost. **\$7.35**

Volume No. 5—Covers 1934 receivers. 1200 pages; 940 sets of 112 manufacturers.

W19957—Your Cost. **\$7.35**

Volume No. 4—1060 pages. Covers June 1933 through to March 1934. W19976—Rider's Manual, Volume No. IV. Your Cost, Postpaid. **\$7.35**

Volume No. 3—Covers middle of 1932 to June 1933. 1070 pages. W19924—Rider's Manual, Volume No. III. Your Cost, Postpaid. **\$7.35**

Volume No. 2—From early 1931 to middle of 1932. 800 pages. W19925—Rider's Manual, Volume No. II. Your Cost, Postpaid. **\$6.37**

Volume No. 1—Covers from 1919 through to 1931. 1000 pages. W19926—Rider's Manual, Volume No. I. Your Cost, Postpaid. **\$7.35**

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"The Cathode-Ray Tube at Work"

By John F. Rider



This is the finest book on the subject available, and should be in the library of every serviceman and amateur. Learn how to interpret an oscillogram. Cathode-ray tube theory and application presented in an easily understood manner. Practical usage for the serviceman, student, amateur and technician. 320 pages profusely illustrated.

W20017—Your Cost. **\$2.45**

"Servicing Superheterodynes" by Rider

W19927—Your Cost. **95¢**

Servicing Receivers By Resistance Measurement

By John F. Rider. W19928—Your Cost. **95¢**

A.R.R.L. HANDBOOK

1937 edition. 416 pages of information. Covers the short-wave field thoroughly.

W19949—Your Cost. **\$1.00**

How to Become a Radio Amateur W19935—Your Cost. **25¢**

Radio Amateur's License Manual W19940—Your Cost. **25¢**

Hints and Kinks for the Radio Amateur, Vol. 2 W19981—Your Cost. **50¢**

NOTE - TECHNICAL BOOKS ARE NOT RETURNABLE



Studio Model

A real mike for home broadcasting. Easily attached to any radio.

Has sliding switch.
W13380—Your Cost.....

78¢

Junior Model

Similar to the studio model, but in a differently designed case and with a push-button instead of a sliding switch. Lowest priced mike that really works.

W13379—Your Cost.....

54¢



REALPHONES—Twin Set



The new 2-way telephones that operate on dry cells. Signal buzzer concealed in base. Set comprises a pair of handsets with cradles and 35 ft. of twisted wire—only batteries to be added. Communicates over 1000 feet. Complete instructions supplied. Shpg. wt. 7 lbs. W17373—Your Cost Per Set... **\$4.12**

Major Bowes' Amateur Microphone

Anyone can connect this mike to any radio set. Does not interfere with reception. Switch on mike permits you to change from your program to radio reception. With 20 ft. of rubber covered cable.

W13386—Your Cost. **\$1.94**



TWO-WAY CODE SET



Each unit has adjustable key, code buzzer and blinker light. Two units are furnished for 2-way communication. With 50 ft. of wire, full instructions. Ideal for developing code speed. Less batteries. Shpg. wt. 4 lbs.

W14000—Your Cost Per Set... **\$1.91**

Phone and Speaker Cords Cotton Braid Insulation

Stock No.	Type	Feet	Your Cost
W13955	Double*	5'	19¢
W13956	Double†	5'	
W13957	Single†	5'	14¢

Extension Cords—Tinsel Center
Double cotton braid insulation.

Stock No.	Feet	Your Cost
W13945†	10	23¢
W13946†	20	27¢
W13947†	30	40¢

* Spade tips one end; straight tips other. † Pin tips both ends.

HEADPHONES

BRUSH CRYSTAL PHONES



A piezo-electric head-set that meets laboratory requirements. 60 to 10,000 cycles. Extremely sensitive to weak signals. Weight complete is only 6 ounces! Uses two-plate bimorph element provided with silver electrodes. Brown Bakelite. W13924—High impedance **\$5.29**
Your Cost Per Set.....

"EMPIRE" DX TYPE HEADPHONES

Made especially for DX fans. Have featherweight aluminum shells and a one-piece adjustable headband of spring steel. Each unit has a powerful bi-polar magnet and a BAKE-LITE CAP. Their extra sensitivity reaches out for greater DX. Shpg. wt. per set, 2 lbs.

2000-Ohm Headset
W13892—Complete. **97¢**
Your Cost.....
W13893—3000 ohms **\$1.25**
Your Cost.....
W13894—Cap for above. Each **12¢**
W13895—Diaphragm. Each **5¢**



"EMPIRE" Single-Unit Headsets

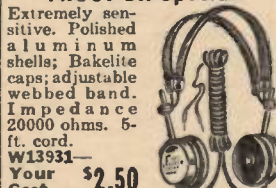
Similar to above, but one phone. Clock-steel band permanently attached; with 4½ ft. cord.
W13896—1000-ohm single set. **66¢**
Your Cost.....
W13897—1500-ohm single set. **79¢**
Your Cost.....

BRANDES Headphones



The genuine Brandes phones. Polished aluminum shells, Bakelite earcups. 2000 ohms resistance. Adjustable, web-covered flexible steel headband. Shpg. wt. 2 lbs.
W13925—Complete. **\$1.59**
Your Cost.....
W13936—Bakelite Cap.**18¢**
W13937—Diaphragm.....**5¢**

FROST DX Specials



Extremely sensitive. Polished aluminum shells; Bakelite caps; adjustable webbed band. Impedance 20000 ohms. 5-ft. cord.
W13931—Your Cost **\$2.50**
FROST Standard Headsets
W13932—Per Pair **\$1.48**
2000-Ohm Set.....
W13933—Per Pair **\$1.65**
3000-Ohm Set.....
W13981—Bakelite Cap.**18¢**
W13982—Diaphragm.....**8¢**

RADIO SETS for the beginner

Philmore Crystal Radio Receivers

The "Blackbird"—Cabinet Model



Here is a real receiver. Housed in a crystalline finished metal cabinet, it uses a super-sensitive crystal mounted under a dust-proof glass cover. Needs no tubes, batteries or power. Has 4 posts for phones, aerial and ground—connect them up and the stations roll in loud and clear. Complete with crystal. Shpg. wt. 3 lbs. **\$1.62**
W13887—Your Cost.....

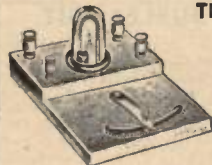
The "Selective"—Cabinet Model

The circuit of this metal-cabinet-housed crystal receiver incorporates a tapped coil and a variable tuning condenser—a real tuned receiver! Equipped with a super-sensitive glass-covered crystal which brings in many stations with exceptional volume and clarity. Two headsets can be plugged in for two listeners. Shpg. wt. 3 lbs.

W13886—Complete with crystal. **\$2.35**
Your Cost.....



The "Supertone" With Slide Tuning



The glass-enclosed supersensitive crystal supplied with this receiver will furnish loud, clear signals indefinitely. Single-turn tuning is accomplished with a sliding arm which offers coverage of the broadcast band. Needs only phones and aerial to complete installation. Shpg. wt. 2 lbs. W13888—List Price **\$1.50**
Your Cost..... **69¢**

"Little Wonder" Crystal Set

Uses a supersensitive crystal and tunes over the broadcast band. The lowest priced radio receiver made. Just connect phones and aerial and many stations are heard with good volume. Shpg. wt. 1 lb. List Price **\$1.00**.
W13889—Your Cost..... **52¢**



PHILMORE 2-Tube Battery Set In Portable Carrying Case



Employs 1-30 and 1-49. Single control tuning; volume control. Used with headphones. Available in kit form or factory wired. Everything contained in small carrying case. Batteries will last a long time. Less headphones.
W13834—Complete kit of parts, less tubes and batteries. **\$5.25**
Your Cost.....
W13835—Factory wired and tested, less tubes, headphones and batteries. **\$5.98**
Your Cost.....
Kit of tubes; 1-30, 1-49.....**88¢**
Kit of Eveready batteries; 3—No. 781 C's
2—No. 4 cells. Your Cost.....**\$1.00**

Glass-Enclosed Crystal Detector



Dust-proof. An easily adjusted crystal unit equipped with a super-sensitive mineral and a cat's whisker of unique design that will maintain most efficient contact with a sensitive point.
W13916—Your Cost..... **22¢**

Mounted Galena Crystal

Galena (lead sulphide) has been used for years because of its extreme sensitivity. These units have been carefully selected and tested.
W13900—Your Cost..... **5¢**



Super-Sensitive Crystal

Gets more stations and gets them louder. Each crystal is meter-tested after selection on actual reception. Of highest quality galena.
W13901—Meter tested. **12¢**
Your Cost.....

Fixed Crystal Detector

Supersensitive point found by meters and fixed permanently. In Bakelite case with screw connections. Will stand high-voltage.
W13913—Meter-tested. **43¢**
Your Cost.....



Stand With Crystal

Ball and socket swivel arm for contacting any point on crystal. Attractively mounted. Furnished with crystal. Extra sensitive; tested for sensitivity.
W13917—Complete. **12¢**
Your Cost.....



Cat Whiskers

Finest wire—correct tension—holds that sensitive spot.
W13921—Envelope of 3. **8¢**
Your Cost.....



Ear Phone Cushions

Made of sponge rubber to protect ears from pressure of headphones.
W13940—For all phones. Your Cost Per Pair **22¢**
10 Pairs.....**\$1.95**



Double Phone Plugs

Will take one or two phone or speaker cords or a combination of both. Metal parts, brass, nickel-plated. Colored insulation cap. Has tie loop for protection.
W14574—Black **19¢**
W14571—Red
Your Cost Each.....

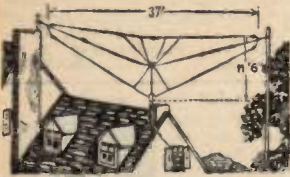


We Will Not Knowingly Be Undersold

ALL WAVE ANTENNA KITS



"SPIDER WEB" ALL-WAVE ANTENNA SYSTEM



A trans-oceanic communications type antenna for the home. Consists of a series of doublet antennas and an improved transmission line to the receiver. Completely factory assembled—all connections made. Requires space only 38 feet across, with 12-foot vertical clearance. Range 110 to 23,000 kc. (13 to 2142 meters). Full instructions furnished with each kit. Shipping weight 7 lbs.

W17135—RCA No. 9685—System. List \$8.95. **\$5.37**
Your Cost.
High Frequency Kit. Increases range to 70,000 kc. (4 meters).
Shipping weight 2 lbs.
W17136—Your Cost. **90¢**

RCA RK-40 "SINGLE DOUBLET" KIT



Designed to meet demands for an easily installed and low-priced all-wave antenna. Has a band coverage of 140 to 18000 kc. (17-2150 meters), and is highly efficient on all bands within this range. The system is factory assembled and soldered; merely tie to convenient supports, and the antenna is up. Consists of a special doublet 19 ft. and 49 ft., junction box, 75 ft. transmission line, entrance tube, receiver coupler and accessories.

With instructions. Shipping weight 4 lbs. List \$5.50. **\$3.30**
W17086—Your Cost.
RK-40A Kit: Completely assembled all-wave single doublet kit, identical with the above except that the receiver coupling transformer has been omitted. Shipping weight 3½ lbs. **\$2.85**
W17088—Your Cost.

TACO All-Wave Master System



Easily installed by any serviceman. Highly efficient on all bands. A single system will serve up to 25 receivers. Foundation kit contains: 1—80 ft. coil of 7/20 tinned aerial wire; 1—22 ft. coil of 7/20 aerial wire; 1—transfer unit; 1—35 ft. coil of No. 18 twisted-pair transmission line; 3—7 inch Navy type insulators; 2—strain insulators; 1—double lightning. Less receiver couplers. Shipping weight 6 lbs. **\$3.53**

Complete instructions furnished.
W17006—TACO No. 301—Your Cost. **\$3.53**
RECEIVER COUPLERS
W17007—For Exposed Wiring. Your Cost Each. **\$1.47**
W17008—For Conduit Wiring. Your Cost Each. **1.18**
Write for FREE master antenna installation data book.

Belden Aerial Wire

Finest grade copper, heavily enameled. The 1000 ft. length is wound on a steel spool. Shipping weight per 100 ft., 4 lbs.



W16232—7x20 Belden. Suited for short-wave aerial systems.
100 ft. Your Cost. **\$1.25**
1000 ft. Your Cost. **12.27**
W16229—7x22 Belden.
75 ft. Your Cost. **\$0.51**
100 ft. Your Cost. **.65**
150 ft. Your Cost. **.95**
1000 ft. Your Cost. **6.30**
Solid Belden
W16233—No. 10
100 ft. Your Cost. **\$1.30**
1000 ft. Your Cost. **11.89**
W16230—No. 12
100 ft. Your Cost. **\$0.80**
1000 ft. Your Cost. **7.77**
W16231—No. 14
100 ft. Your Cost. **\$0.52**

Airplane Insulator



A 1½" strain insulator loaded in compression for greater strength.

W17175—Your Cost Each. **3¢**
10 for **29¢**

Transposition Blocks

Of ceramic, 2½"x2½". Priced remarkably low. Shpg. wt. of 10, 1 lb.



W17089—10 for 35¢ Your Cost Each. **4¢**

Glazed Type

Unique shape prevents twisting of line. Skeleton frame for high leakage path. Size 1½"x2½".



W17171—10 for 57¢ Your Cost Each. **6 1/2¢**

BIRNBACH STAND-OFF INSULATORS



Made of highly glazed porcelain with nickel-plated hardware. Ideal stand-off for apparatus, aerial lead-in, etc. Hardware can be removed if desired for insertion of any type of screw or plug. The 4½" unit has a breakdown voltage, conservatively rated, of 10,000.

No.	Size-In.	Your Cost
W17061	3/4"x 3/4"	4c
W17062	1"x 1"	5c
W17063	1½"x 1"	7c
W17064	2"x 2"	18c
W17065	3"x 3"	29c

Lafayette "Standard" Kit

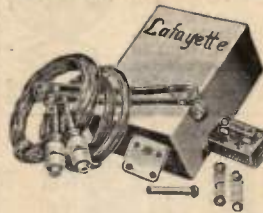
ALL-WAVE ANTENNA KITS

Especially designed for all-wave reception. Contains 2-10 ft. rolls heavy enameled wire, 50 ft. transmission line, a receiver matching coupler, aerial spreader, 2 insulators, 6" porcelain screw eye, 2 nail-it-knobs, 2 lead-in strips, ground clamp and instructions. Shpg. wt. 5 lbs.



W16474—List Price \$3.00
Your Cost Each. **\$1.49**

Lafayette De Luxe All-Wave Kit



A modern, efficient all-wave antenna that will improve reception over the entire broadcast and short wave bands. Contains the following equipment: 2—50 foot coils of 7x24 bare copper aerial wire; 1—50 foot coil of special weather-proofed twisted transmission line; 1—antenna crossover junction block; 2—3" glass insulators; 1—"Antennatrol" impedance matching unit; 2—porcelain nail-knobs; 1—porcelain lead-in tube; 1—doublet window lead-in strip (Fahnestock type). Shpg. wt. 5 lbs.

W16479—Your Cost. **\$2.25**

Lafayette "Economy" All-Wave Kit

Completely assembled, all connections made—easy to install. Contains the following: 2—25 foot coils of 7x24 bare copper wire; 1—50 foot coil of weather-proofed transmission line; 3—3" glass insulators; 2—7½" Bakelite screw-eyes; 1—"shur-grip" ground clamp. In attractive box. Shpg. wt. 5 lbs.

W16480—Your Cost. **97¢**

Lafayette Low Cost Aerial Kits

Contains 100 ft. 7-24 copper wire, 50 ft. No. 18 rubber-covered lead-in wire, 25 ft. ground wire, approved arrester, copper ground clamp, lead-in strip, two porcelain insulators and two nail-it-knobs. Everything necessary for an efficient aerial. Shpg. wt. 5 lbs.



W16476—Your Cost. **73¢**

Standard Aerial Kit

Contains 90 ft. 7/25 copper wire, 25 ft. lead-in, 25 ft. ground wire, two porcelain insulators, copper ground clamp, lead-in strip, two nail knobs. All the essentials for a dependable aerial system at an unusually low price. Shpg. wt. 2 lbs.

W16477—Your Cost. **49¢**

Economy Aerial Kit

Contains 90 ft. 7/27 copper wire, 25 ft. rubber-covered lead-in, lead-in strip, ground clamp, two nail knobs and two porcelain insulators. The lowest price kit on the market made up of first quality materials. Shipping weight 2 lbs.

W16478—Your Cost. **37¢**

Universal Coupler



With B.C.-S.W. Change-Over Switch FOR ALL BANDS

Correctly matches the impedance of the antenna to the input impedance of the receiver. Housed in an aluminum can.

W17078—Your Cost. **44¢**

Universal Set Coupler

Permits use of ungrounded transmission line with any receiver on all bands. Easy to attach and mounts near set. With instructions.



W17082—Your Cost. **29¢**

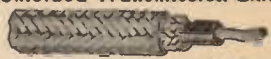
Transmission Cable



Highly efficient for noise reducing antennas. Consists of twisted rubber-covered conductors covered by a weather-proof cotton outer braid. Shpg. wt. (100 ft.), 4 lbs.

W17152—100 ft. coil. **95¢**
Your Cost.
W17184—500 ft. coil. **\$4.45**
Your Cost.

Shielded Transmission Line



A 10-strand wire covered with live rubber, a lacquered cotton braid and a woven, tinned shield.
W16240—50 Ft. 100 Ft. 500 Ft.
Your Cost 60c \$1.10 \$5.25

AERIAL ACCESSORIES

Arresters

ONLY 10¢ EACH



Housed in brown, glazed porcelain; approved. With brass screw terminals. 1x1-3/4x3-1/4 overall. **10¢**
W16753—Your Cost Each 12 for \$1.00 100 for \$7.90

All-Bakelite Arrester



Molded Bakelite housing. Approved by Underwriters. Non-airgap type. **W16705—Shpg. wt. 1 lb. 7¢**
Your Cost Each 10 for 65¢ 100 for \$6.25

Brach Neon Arrester



Uses a NEON TUBE instead of air-gap or resistance. By far the most sensitive arrester made; slightest induction is shunted to ground. You can watch it work. Wt. 1 lb. **W16700—**
Your Cost Each 59¢

NEON ARRESTER FOR DOUBLET ANTENNAS

W16701—
Your Cost Each 82¢

Arrester for Doublets



A new approved arrester for the doublet type of antenna. Is of the air-gap type carefully insulated from ground. Housed in heavy, glazed porcelain. Wt. 1 lb. **W16950—10 for \$1.75**
Your Cost Each 19¢

Shielded

Electro-

Static

Arrester



A lightning arrester and static noise reducer in one! Contains condenser and choke coil which act as noise reducing filter, and a shield over ground. Porcelain housing with nicked hardware. **W16755—**
Your Cost Each 43¢

Polarized Antenna and Ground Connector



Convenient for connecting aerial and ground from set to lead-ins. Consists of male and female plugs with metal tabs polarized so that the plug can not be inserted incorrectly. Eliminates dangling wires and improves installation. **W16157—Complete**
Your Cost Per Set 24¢

Insulated Staples

For holding inside lead-in and ground wires in place. Per 100

W15950—
Your Cost 10¢

Per 1000 95¢



We carry the world's largest stock of antenna equipment and kits and can furnish you with aerial material for any type of installation for any band and any power.

INSULATORS

Pyrex Insulators



Used by the U. S. Army and Navy, commercial services and amateurs. The finest glass insulator made. Stock Length Power Your
 No. Inches Rating Cost
W16805 3 1/2 Med. \$0.17
W16806 7 1/2 1/2 Kw. .75
W16807 12 1/2 1 1/2 Kw. 2.06

GLASS INSULATORS



Special tempered glass, unaffected by heat or cold. High tensile strength. Ridged. **W16849—2 1/4" long.**
Your Cost Each 2¢
 Lots of 100 \$1.85

W16850—3" long
Your Cost Each 3¢
 Lots of 100 \$2.65

W16851—4" long
Your Cost Each 5¢
 Lots of 100 \$4.35

Porcelain Insulators

Strain insulators made of glazed porcelain. 1/4" holes. **W16802—2 1/2" long**
Your Cost Each 2 1/2¢
 10 for 22¢
 High-quality, heavy, ridged porcelain insulators. 1/2" holes. **W16803—3 3/4" long**
Your Cost Each 6¢
 10 for 55¢



Wall Insulator



For supporting wiring or apparatus. Glazed, ridged porcelain; 2 1/4" high. Plated nut and screw. **W16735—Shpg. wt. 8 oz.**
Your Cost for 10 9¢
 84¢

Large Stand-Off



Extra-heavy glazed porcelain. Ribbed body for increased surface. 4" long. Hole for wire. **W16800—**
Net Each 10¢
 Lots of 10 95¢

PORCELAIN TUBES



Brings lead-in into building without cutting wire or causing leakage. Needs 3/8" hole; takes 3/8" wire. **W16860—5" long**
Your Cost Each 3¢
Your Cost Per 10 24¢

NAIL-IT KNOBS

Heavy white porcelain. Leather washer under nail head. 1 1/4" high, 1 1/4" diameter. Slotted for 2 wires. **W16977—**
Your Cost 2 1/2¢
 Each 21¢
 10 FOR \$1.80
 100 FOR \$1.80



Indoor Antenna Wire



Consists of 20 strands of flexible copper wire covered by a mercerized cotton braid. For indoor or a.c.-d.c. antenna use. 25-ft. hank. **W16155—**
Your Cost 12¢

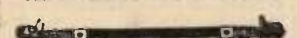
Accessories

Aerial Lead-In Strips



Copper core with water-proofed lacquer webbing. 12" long. Has new screw terminals which permit tighter connections. **W17100—100 FOR \$4.50**
Your Cost Each 5¢

With Fahnestock Terminals



W17101—100 FOR \$2.85
Your Cost Each 4¢

PIPE STRIPS



Broad copper clamp adjustable to fit any size pipe up to 2" in diameter. Has clip for attaching ground lead. **W17102—Your Cost Each** 3¢
 10 FOR .25¢ 100 FOR \$2.25

Special Ground Clamp

Makes a vise-like grip on pipe. Sharp-pointed screw penetrates paint and rust and makes perfect contact with clean metal. Has nut on screw for ground wire. **W17105—**
Your Cost Each 4¢
 10 FOR .35¢
 100 FOR \$3.15



Plated Ground Rods



Used wherever a pipe ground is not available. Heavy steel yoke for driving head, 3/8" drawn steel, plated. Shpg. wt. 4 lbs.

Stock No.	Length Feet	Your Cost Each	Per 10
W17187	4	27¢	\$2.60
W17188	6	38¢	3.70

Antenna Lead-In Clip

Heavy bronze with brass nut and screw. Solderless fastener for lead-in and aerial **W16058—**
Your Cost Each 5¢



Aerial Tension Spring



Automatically keeps proper tension in aerial and prevents sag. Consists of 2 hooks with porcelain rings interconnected with a powerful spring. Shpg. wt. 1 lb. **W16487—**
Your Cost Each 29¢

Galvanized Guy Wire

Special grade of tough, annealed galvanized wire. Excellent for guying antenna masts. Will resist rust. **W16156—50-ft. roll**
Your Cost 15¢



Screw-in-Knobs

For attaching lead-in or ground wires to posts or buildings. Wire passes through center of porcelain. With screw 3" long. **W16972—**
Net Each 2 1/2¢
 10 for 21¢ 100 for \$1.95
W16986—7" long.
Net Each 4 1/2¢
 10 for 39¢ 100 for \$3.65



Antenna Wire



Made of the finest copper obtainable. All rolls are guaranteed to be full length and standard gauge as specified. For any type aerial.

Bare Stranded—75-Ft. Coils

Stock No.	Size	Per Coil	10 Coils	25 Coils
W16041	7/26	18¢	\$1.70	\$4.00
W16042	7/24	23¢	2.20	5.25
W16043	7/22	31¢	3.00	7.25

Bare Stranded—100-Ft. Coils

Stock No.	Size	Per Coil	10 Coils	25 Coils
W16113	7/26	22¢	\$2.10	\$5.00
W16114	7/24	29¢	2.80	6.75
W16115	7/22	39¢	3.80	9.25

Enameled Stranded—75-Ft. Coils

Stock No.	Size	Per Coil	10 Coils	25 Coils
W16044	7/24	28¢	\$2.70	\$6.50
W16045	7/22	37¢	3.60	8.75

Enameled Stranded—100-Ft. Coils

Stock No.	Size	Per Coil	10 Coils	25 Coils
W16116	7/24	39¢	\$3.80	\$9.25
W16117	7/22	49¢	4.80	11.75

Solid Enameled—100-Ft. Coils

Stock No.	Size	Per Coil	10 Coils	25 Coils
W16118	No. 14	41¢	\$4.00	\$9.75
W16119	No. 12	60¢	5.90	14.50
W16129	No. 10	93¢	Per Ft. 1 1/2¢	

1000-FOOT SPOOLS

Enameled Stranded Bare Stranded

Stock No.	Your Cost	Size	Stock No.	Your Cost
W16104	\$4.80	7/22	W16106	\$3.80
W16105	3.80	7/24	W16107	2.80

Enameled Copperweld Solid Antenna Wire



Tough steel core completely covered with high conductivity copper. Has tough enamel coating. Has much greater tensile strength. **W20885—No. 12 Gauge**
Your Cost, per 100 Feet 98¢
W20886—No. 14 Gauge
Your Cost, per 100 Feet 68¢

Lead-in Wire



NO. 18 LEAD-IN, RUBBER-COVERED

Solid tinned copper. 1/4" rubber easy-strip insulation. For lead-ins, ground leads or aeriels. Shpg. Wt. 2 Lbs. per 100 Ft. Specify length when ordering.

	25 Ft.	50 Ft.	100 Ft.
W16200—Single Coil...	11¢	20¢	38¢
Lots of 10...	\$1.00	\$1.90	3.70

W16217—1000-ft. coil \$3.75
Your Cost

Best Grade No. 14 Lead-In Wire



Solid tinned copper core. Heavy (3/4") rubber insulation with weatherproof outer braid. A Code wire. **W16203—25 Ft.** 50 Ft. 100 Ft.
 Single Coil... 27¢ 52¢ \$1.00
 Lot of 10, ea. 26¢ 50¢ .96
 Lot of 25, ea. 48¢ .92
 Shpg. wt. lbs. 3

Fixture Wire and Accessories

SPECIAL VALUE!

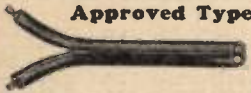
Cotton Twisted Pair



18 Gauge, 1/4" R.C. wire with a cotton covering offered at prices below the actual market. 2 colors—white or yellow and green mixture. Specify color.

W20902—Your Cost:
100 Ft. 250 Ft. 1000 Ft.
95¢ \$2.25 \$8.40

All Rubber Parallel Lamp Cord Approved Type



Developed to meet the demand for an abrasion and water-proof wire. The two conductors are sheathed in a coating of tough live rubber. A ridge between these conductors allows them to be easily separated without fear of ruining the insulation. In Black, Green, Ivory and Brown. Specify color desired. Shpg. wt., per 100 ft., 3 lbs.

W20920—18 Gauge—Your Cost
Per Ft. 100 Ft. 500 Ft.
1 1/2¢ \$1.25 \$5.60

Heavy Rubber Cord



The thick belt of flexible rubber that covers the conductor is made of smooth oil-resisting, abrasion proof, high quality rubber. Especially suitable for outdoor work, in garages, for portable devices, or on any job where ability to withstand abuse is a prime factor. Shpg. wt. 7 lbs. per 100 ft.

Stock No.	Size	Per Ft.	Per 100 Ft.
W20945	18—2-wire	3 1/2¢	\$2.95
W20946	16—2-wire	4¢	3.75
W20947	14—2-wire	7¢	6.40
W20948	18—3-wire	4¢	3.75

Heavy Twisted Pair



Standard 1/4" rubber wall, 14 gauge. Finest wire obtainable for jobs that call for a wire of large current carrying capacity and ability to stand plenty of abuse. Shpg. wt. 5 lbs. per 100 ft.

W20890—Your Cost, Per Foot..... 2 1/2¢
Per 100 Feet..... \$2.15

Parallel Silk Cord



Consists of two conductors laid parallel and covered with braided silk. Has inner braid. Approved by Underwriters. The nearest cord for portable lamps, extension lights, etc. Available in popular colors. Shpg. wt. 3 lbs. per 100 ft.

18 Gauge 1/4" R.C.
W20897—Black W20899—Brown
W20898—Old Gold
W20900—Maroon
Your Cost, Per Foot..... 1 1/2¢
100 ft..... \$1.25 500 ft..... \$5.95

18 Gauge 1/2" R.C.
W20891—Black W20893—Brown
W20892—Old Gold
W20894—Maroon
Your Cost, Per Foot..... 2¢
100 ft..... \$1.75 500 ft..... \$7.95

Parallel Silk Lamp Cord



Popular type for connecting radio receivers, lamps, etc. Overall covering of silk braid.

18 Gauge—1/4" Wall
W20836—Maroon W20838—Brown
W20837—Old Gold
Your Cost, Per Foot..... 1¢
100 ft..... 85¢ 500 ft..... \$4.05

20 Gauge—1/4" Wall
W20839—Maroon W20841—Brown
W20840—Old Gold
Your Cost, 25 Feet..... 22¢
100 ft..... 75¢ 500 ft..... \$3.50

Bakelite Handle Plug



Genuine Bakelite with handle grip. Prevents pulling out wires.

Sturdy prongs.
W13281—Your Cost Each..... 3¢
Carton of 25..... 70¢

Without Handle

Same as the above, but without the handle grip.
W13306—Each..... 2¢
Per Dozen..... 20¢ Per 100..... \$1.50

Soft Rubber Handle Plug

Handle plug made of soft rubber. Cannot crack or break. Best type to use for portable tools, vacuum cleaners, etc.



W13301—Your Cost Each 4¢
Carton of 10..... 35¢

Trio Plug

Bakelite. Three outlets from 1 plug.
W13282—Your Cost Each..... 6¢
Per Dozen..... 65¢



Fused Trio Plug

Same as above, but fused. Prevents main fuse from blowing; protects appliances.
W13249—Your Cost Each 23¢

Fused Cord Plug

Same as the above fused trio plug, but attaches directly to the cord.
W13229—Your Cost Each..... 16¢

Bakelite Outlet

Made of brown Bakelite. Screws into the baseboard. Easy to use and install.
W13312—Your Cost Each..... 8¢



Current Tap

Straight socket combined with two cap outlets.
W13278—Your Cost Each..... 9¢
Carton of 10..... 78¢



Feed-Thru Switch

Bakelite. Compact and very sturdy.
W13275—Each..... 14¢
Carton of 10..... \$1.20



Push Button

Pearl button. General purpose.
W12830—Each 12¢
Per Dozen..... \$1.35



BATTERY CABLE



A high grade, heavily insulated cable with each lead a different color for easy identification.

Stock No.	No. Wires	Per Ft.	Per 100 Ft.
W16089	3	2¢	\$1.95
W16090	4	2 1/2¢	2.45
W16091	6	3 1/2¢	3.10
W16092	6	4¢	3.50
W16093	7	5¢	3.95
W16094	8	5 1/2¢	4.95
W16095	9	6¢	5.50
W16096	10	7¢	6.50

Bell Ringing Transformer

Primary 110 volts a.c. Secondary 6-8 volts. Wire leads on primary, posts on secondary.
W13245—Each..... 45¢



Outlet Box Receptacles

Fit the standard outlet boxes. Approved by the Underwriters. Shpg. wt. 1 lb.

W13328—Single Your Cost Each..... 7¢
W13329—Double Your Cost Each..... 8¢



Fitzall Flatiron Element

Fits over 90% of the standard irons, including G.E. Hot Point, Sunbeam, etc.
W13270—Your Cost Each 22¢
Carton of 10..... \$2.10



Heater Elements

Best grade Resistance wire with standard base to fit all heaters.
W13304—Cone Shape. Your Cost Each..... 22¢
Carton of 10..... \$2.10
W13305—Straight Type Your Cost Each..... 27¢
Carton of 10..... \$2.50



Nickel Chrome Element

600 watt spiral wound elements. Exact size, no cutting necessary.
W13317—1/2" dia. Your Cost Each..... 7¢
W13318—1/4" dia. Your Cost Each..... 12¢



Plug Fuses

Crystal mica window makes inspection easy. Not to be confused with the ordinary cheap type of plug that often comes apart when inserting. All ratings marked directly on top of fuse.

W13200—6 amp. Your Cost Each 4¢
W13201—10 amp. 15¢
W13202—15 amp. 4¢
W13203—20 amp. 4¢
W13204—30 amp. 4¢
Carton of 5..... 15¢



CARTRIDGE FUSES STANDARD APPROVED TYPES

W13205—20 amp. 5¢
W13206—30 amp. 5¢
Your Cost Each..... 45¢
Carton of 10.....



TELEPHONE WIRE



Service men will find this wire of great use in general work, especially when hooking up the very popular inter-communication phones in private homes. **No. 19 Gauge.**

2-Conductor
W20895—Wt. 2 lbs. per 100 ft. 100 Ft. 500 Ft. 1000 Ft.
Your Cost \$1.70 \$8.10 \$15.40

3-Conductor
W20896—Shpg. wt. 3 lbs. 100 ft.
Your Cost \$2.15 \$10.15 \$19.40

Single Fixture Wire



Silk covered single conductor fixture wire available in White, Maroon and Old Gold. Specify color desired.

18 Gauge—1/4" Wall
W20915—Your Cost:
100 Ft. 500 Ft. 1000 Ft.
70¢ \$3.30 \$6.50

18 Gauge—1/4" Wall
W20915—Your Cost:
100 Ft. 500 Ft. 1000 Ft.
60¢ \$2.55 \$4.90

20 Gauge—1/4" Wall
W20914—Your Cost:
100 Ft. 500 Ft. 1000 Ft.
50¢ \$2.15 \$4.20

Asbestos Heater Cord



Heavy asbestos covered wire with an overall braid of tightly woven rayon. Used on toasters, electric irons, heating pads, etc. Shpg. wt. 3 lbs. per 100 ft.

W20931—Your Cost:
Per Ft. 100 Ft. 500 Ft.
2¢ \$1.45 \$6.95

ARMORED CABLE



For auto, radio, outdoor, P. A. systems and oil burner installations. Armor when grounded acts as shield. Shpg. wt. per 100 ft. 8 lbs.

Stock No. 1 Ft. 100 Ft.
W20855—1-Cond. 2¢ \$1.60
W20856—2-Cond. 3¢ 2.60
W20857—3-Cond. 4¢ 3.60

Power Cord and Plug



Attractive, hi-quality 6-foot cord with sturdy plug. For replacement on sets, appliances, etc.
W13285—Your Cost..... 14¢

NICHROME WIRE

Three standard sizes furnished on one spool, to take care of all repair work. 10 ft. coiled, 100 ft. uncoiled and 50 ft. of ribbon. Shpg. wt. 3 lbs.

W13226—Your Cost..... \$2.20

NOTE
We carry a tremendous stock of wire at all times and are prepared to make large quantity shipments at special prices.



Hook-up and Magnet Wire



BELDEN RADIO WIRE



Push-Back Solid Wire

No. 20 solid tinned copper wire with push-back double wrap of Celanese colored braid, paraffined. Easily worked.

No stripping necessary. In green, blue, red, yellow or black. Specify color desired when ordering.

W16066—25-ft. coil. **20¢**
Your Cost.....
W16067—1000-ft. spool. **\$5.49**
Your Cost.....

Stranded Push-Back Wire
Similar to the above, but with No. 20 stranded wire. In green, blue, red, yellow or black. Specify color desired when ordering.

W16068—25-ft. coil. **22¢**
Your Cost.....
W16069—1000-ft. coil. **\$6.13**
Your Cost.....

Hook-Up Wire

No. 18 Stranded Tinned Copper, insulated with 1/4" Belden color-rubber.

25-ft. coils available in green, blue, red, brown, yellow or natural. Specify color.

W16290—25-ft. coil. **20¢**
Your Cost.....

1000-Foot Spools
1000-ft. spools available in brown or red. Specify color desired on order.

Shpg. wt. 10 lbs. **\$4.91**
W16291—Your Cost.....

Filament Lead Wire

No. 14 wire (41 strands of No. 30). Stranded tinned copper. Double serve of Celanese, colored braid paraffined. In red or black, specify color. 3 lbs. per 100 ft.

W16158—25-ft. coil. **44¢**
Your Cost.....

W16159—500 ft. spool. **\$6.47**
Your Cost.....



Push-Back WIRE

Solid Tinned Copper Core Type

No stripping is necessary. Just push back the double cotton-covered moisture-proofed braid. No. 20 wire. Four colors for circuit identification. Weight 2 lbs. per 100 feet.

25-Foot Coils
W16350—Red W16352—Black
W16351—Green W16353—Yellow
Your Cost (10 for 59c), **11¢**
Per Coil.....

50-Foot Coils
W16358—Red W16360—Black
W16359—Green W16361—Yellow
Your Cost (10 for \$1.90), **20¢**
Per Coil.....

100-Foot Coils
W16366—Red W16368—Black
W16367—Green W16369—Yellow
Your Cost (10 for \$3.55), **36¢**
Per Coil.....

1000-Foot Spool
W16374—Red W16376—Black
W16375—Green W16377—Yellow
Your Cost, Per Spool **\$3.35**



Stranded Tinned Copper Core Type

Very flexible wire of multi-strand tinned copper; equivalent to No. 20. Cotton braid pushes back easily. Available in 4 colors. Weight, 2 lbs. per 100 feet.

25-Foot Coils
W16354—Red W16356—Black
W16355—Green W16357—Yellow
Your Cost (10 for \$1.15), **12¢**
Per Coil.....

50-Foot Coils
W16362—Red W16364—Black
W16363—Green W16365—Yellow
Your Cost (10 for \$2.25), **23¢**
Per Coil.....

100-Foot Coils
W16370—Red W16372—Black
W16371—Green W16373—Yellow
Your Cost (10 for \$4.25), **44¢**
Per Coil.....

1000-Foot Spool
W16378—Red W16380—Black
W16379—Green W16381—Yellow
Your Cost, Per Spool **\$3.60**

No. 14 Tinned Solid Copper Push-Back Wire

Designed for heavy-duty work in power amplifiers, transmitters, etc. Cotton wrapper with heavy lacquer insulating material and final layer of impregnated cotton braid. High breakdown voltage.

25-Foot Coils
W16341—Black W16339—Red
Your Cost, **29¢**
Per Coil.....

100-Foot Coils
W16348—Black W16346—Red
Your Cost, **\$1.07**
Per Coil.....



Silk-Covered Litz Wire

Has lower skin resistance than any other wire. Ideal for i.f., r.f. coils, loop aerials, etc.

W16152—100-ft. coil. **12¢**
Your Cost.....
W16153—1000-ft. coil. **90¢**
Your Cost.....

Lacquered Hookup Wire

Rubber insulated with lacquered braid overall. Strands tinned. Easily soldered and worked.

W16344—100-ft. coil. **32¢**
Your Cost.....
W16345—250-ft. coil. **74¢**
Your Cost.....

magnet WIRE



Finest grade obtainable. Ideal for r.f. coils, chokes, armatures, etc. On wood spools. Write for special prices on larger quantities or sizes not listed below. All continuous lengths.

Double Silk Covered				
Stock No.	Size B&S	Ft. Per Lb.	1/4 Lb.	Your Cost
W20962	18	190	\$0.26	\$0.47
W20963	20	314	.29	.51
W20964	22	494	.31	.59
W20965	24	778	.34	.67
W20966	26	1220	.39	.79
W20967	28	1910	.48	.88
W20968	30	2960	.55	1.04
W20969	32	4570	.72	1.35
W20970	34	6980	1.17	1.97
W20971	36	10500	1.41	2.84

DOUBLE COTTON

Extremely popular with amateurs and experimenters. Highest quality.

DOUBLE COTTON				
Stock No.	Size B&S	Ft. Per Lb.	1/4 Lb.	Your Cost
W20972	16	122	\$0.18	\$0.27
W20973	18	192	.21	.30
W20974	20	298	.22	.33
W20975	22	464	.25	.36
W20976	24	711	.27	.43
W20977	26	1080	.31	.52
W20978	28	1680	.36	.61
W20979	30	2420	.41	.79
W20980	32	3500	.52	.90
W20981	34	4920	.65	1.14
W20982	36	6660	.83	1.40

PLAIN ENAMELED

Stock No.	Size B&S	Ft. Per Lb.	1/4 Lb.	Your Cost
W20950	10	125	.16c	.23c
W20951	18	202	.17c	.26c
W20952	20	319	.18c	.29c
W20953	22	506	.19c	.30c
W20954	24	804	.20c	.30c
W20955	26	1280	.21c	.32c
W20956	28	2030	.22c	.35c
W20957	30	3220	.23c	.38c
W20958	32	5100	.26c	.41c
W20959	34	8080	.30c	.45c
W20960	36	12800	.38c	.56c
W20961	38	20300	.48c	.73c

HANDY SIZE SPOOL ASSORTMENT

For those desiring less than 1/4 lb. of magnet wire, these handy low-priced spools have been made available. All are wound on spools and marked. Number of feet on spool is listed for each type and size.

DOUBLE COTTON			
Gauge	Stock No.	Ft. In Spool	Your Cost
14	W16500	21	15¢
16	W16501	33	15¢
18	W16502	42	15¢
20	W16503	60	15¢
22	W16504	81	15¢
24	W16505	110	15¢
26	W16506	148	15¢
28	W16507	168	15¢
30	W16508	192	15¢
32	W16509	216	15¢
34	W16510	242	15¢
36	W16511	268	15¢
38	W16512	294	15¢
40	W16513	325	15¢

DOUBLE SILK			
Gauge	Stock No.	Ft. In Spool	Your Cost
14	W16514	19	15¢
16	W16515	25	15¢
18	W16516	31	15¢
20	W16517	42	15¢
22	W16518	50	15¢
24	W16519	63	15¢
26	W16520	101	15¢
28	W16521	119	15¢
30	W16522	141	15¢
32	W16523	163	15¢
34	W16524	190	15¢
36	W16525	219	15¢
38	W16526	243	15¢
40	W16527	275	15¢



15¢

RUBBER-COVERED HOOK-UP WIRE

Colored Rubber Wire

Stranded and tinned copper wire covered with a live colored rubber compound. Very flexible; easy to strip. Solders instantly. Available in three standard colors.

25 Foot Coils
W16272—Red W16273—Black
W16274—Green **13¢** 10 for **\$1.15**
Your Cost Each.....

1000 Foot Spools
W16108—Red W16109—Black
W16110—Green **\$4.20**
Your Cost Each.....

W16110—Green **\$4.20**

SERVICE WIRE KIT



Contains about 200 feet total of lengths from 4" to 24"—push-back, r-c hookup, shielded, twisted, lamp cord, heavy a.c. leads, spaghetti, etc. Shpg. wt. 5 lbs.

W16299—In box **25¢**
Your Cost.....

Heavy Duty Stranded



NO. 16 RUBBER COVERED
W16280—black W16281—red
50 Ft. 100 Ft. 600 Ft.
Your Cost 34c 66c **\$3.15**

Stranded No. 14 Gauge
W16121—black W16120—red
25 Ft. 50 Ft. 100 Ft.
Your Cost.. 39c 75c **\$1.35**

Stranded No. 12 Gauge
W16122—black W16121—red
25 Ft. 50 Ft. 100 Ft.
Your Cost.. 48c 90c **\$1.75**

Spaghetti and Bus Bar



Highest grade cambric tubing. Red, yellow, green and black. W15960—Specify Color. Per 30-Inch Length. **6¢**
Your Cost 10 Lengths..... **55c**

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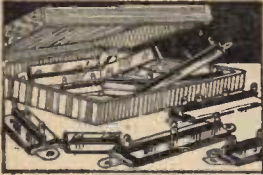
Your Cost 10 Lengths..... **55c**

To Speed Handling of YOUR Order--Use Our Order Blank



All-Purpose SERVICE KITS

10 Candohm Units



Standard equipment in many of the present day receivers. Shielded resistors; fibre insulation; wire wound. Mounting flanges on each unit. Ten popular sizes.

W3851—
Kit of 10..... **59¢**

15 Bias Resistors



Fifteen assorted wire wound resistors designed for biasing tubes, center tapped filament resistors, etc. Shpg. wt. 2 lbs.

W3850—
Kit of 15..... **23¢**

10 DIAL SCALES



Contains 10 dial scales, including: fan type, drum type, etc. Several "all-wave" dial scales supplied. Scales are all sizes and colors—all are usable.

W3801—
Your Cost..... **19¢**

RMA Color Coded Carbon Resistors



Specify stock number of type and resistance desired.

Ohms	Ohms	Ohms	Ohms
100	3000	30000	250000
150	5000	35000	300000
200	6000	50000	400000
250	7500	60000	500000
500	10000	70000	750000
600	12000	75000	1 Meg.
750	12500	80000	1 1/2 Meg.
900	13000	90000	2 Meg.
1000	15000	100000	2 1/2 Meg.
1500	17500	125000	3 Meg.
2000	20000	150000	5 Meg.
2500	25000	200000	

W5239— 1/2 Watt
W5240— 1 Watt
Either Type, Each..... **3¢**
100 for..... **\$2.25**

2-WATT COLOR-CODED CARBON RESISTORS

Similar to above, but 2-watts.

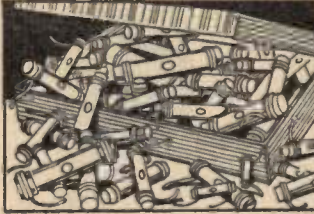
Ohms	Ohms	Ohms	Ohms
700	4500	15000	50000
1000	5500	20000	60000
1400	6000	25000	70000
3500	7000	30000	75000
4000	10000	35000	200000

W5245— Specify size.
Your Cost..... **5¢**
Each..... **\$4.50**
100 for..... **\$4.50**

100 R. M. A. Color-Coded Carbon Resistors

All RMA color coded—just what the serviceman needs. These resistors are used every day in the course of repair work. Kit contains approximately the following: 25—1/4 watt, 25—1/2 watt and 50—1 watt resistors. All popular replacement values. Shpg. wt. 2 lbs.

W3852—
Kit of 100..... **\$1.29**



50 ASSORTED RESISTORS

Similar to above kit, 50 resistors. Comprises 1/4, 1/2 and 1 watt, resistors all RMA color coded.

W3859—
Your Cost, Kit of 50..... **66¢**

25 ASSORTED RESISTORS

Twenty-five assorted 1/4, 1/2 and 1 watt resistors. All coded. Shpg. wt. 1 lb.

W3867—
Kit of 25..... **35¢**

25 TUBULAR BY-PASS CONDENSERS



Contains 25 popular tubular by-pass condensers, are of standard capacity and working voltage. Capacities range from .00025 to .1 mfd. Shpg. wt. 2 lbs.

W3360—
Your Cost, Kit of 25... **59¢**

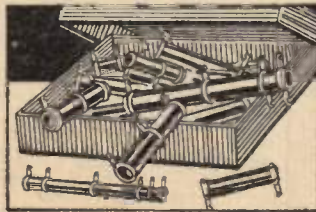
KIT OF 10 POPULAR SIZE ELECTROLYTICS



Ten dry electrolytic units. Included are carton, tubular and aluminum can types, etc. Single and multiple section electrolytics in each kit. By-pass and filter (550 volts peak) types. Shpg. wt. 3 lbs.

W3868—
Your Cost..... **\$1.49**

10 POPULAR VOLTAGE DIVIDERS



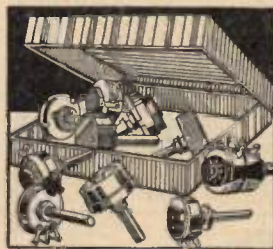
A kit of 10 selected voltage dividers made up of vitreous enameled and open wire wound types with wattage ratings from 20 to 75 watts. Resistors of this type are always handy around the shop since they can be used for power work.

Shpg. wt. 4 lbs.
W3853—
Kit of Ten..... **45¢**

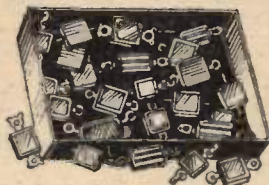
ASSORTMENT OF 10 VOLUME CONTROLS

Contains 10 assorted volume controls, each new and useable. All of standard manufacture, and designed for standard radio circuits such as: C bias, antenna shunt, tone control, etc. Several types with switch included. Shpg. wt. 3 lbs.

W6354—
Kit of Ten..... **\$1.19**



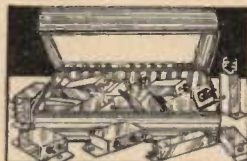
25 Mica Condensers



An assortment of 25 high quality mica condensers in a wide range of usable capacities. All popular types. Include Bakelite cased units with pigtail leads, solder lugs, and other standard mounts.

W4167—
Kit of 25
Your Cost, Special... **49¢**

25 METAL CASED BY-PASS UNITS



All popular sizes, unused, in perfect condition. Wide range of capacities. In drawn metal containers with mounting facilities. Offered at a "give-away" price.

W3309—
Kit of 25
Your Cost, Special... **59¢**

10 RADIO KNOBS



Ten assorted radio knobs, including wood and Bakelite types with set screws and springs.

W9662—
Kit of 10..... **25¢**

10 R. F. CHOKES



Contains 10 assorted wood core r.f. chokes with inductances ranging from 2 to 16 millihenrys. All types have leads—brand new. Wt. 2 lbs.

W10110—
Your Cost, Kit of 10..... **25¢**

25 Bakelite and Fibre Insulators



Envelope of 25 assorted pieces of fibre and bakelite in all shapes and sizes. Includes insulators, socket locators, washers, terminal strips.

W15266—
Your Cost, Envelope of 25..... **9¢**

Automatic Charge Rate Regulator

Advances the charging rate of the generator by approximately 6 amperes when a set of appliance is turned on, but automatically returns the generator to the original charging rate when the equipment is not operating. Thus generator and battery are saved from being overtaxed. Easy to install; full instructions included.

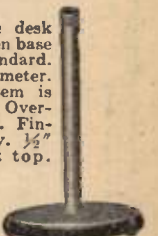
Shpg. wt. 3 lbs.
W14258—
Your Cost..... **75¢**



MICROPHONE DESK STAND

A banquet type desk stand with wooden base and steel pipe standard. Base is 7" in diameter. Heavy metal stem is 1 3/4" in diameter. Overall height 10 1/2". Finished in dark gray. 1/2" pipe thread at top.

Shpg. wt. 3 lbs.
W13590—
Your Cost Each... **49¢**



Adapter for above: Changes 1/2" pipe thread to fit 3/8"—27 thread. For all popular microphones.

W13556—
Your Cost Each..... **29¢**

BARGAINS!

QUANTITY LIMITED

Wafer Tube Sockets

The 5-prong sockets have mounting centers 1" apart. The 6 and 7-prong sockets have mounting centers 1 1/8" apart. Limited quantity available.

W13128—5 prong, 10 for 15c **2c**
Your Cost
W13159—6 prong.
W13193—7 prong, small. **1 1/2c**
Your Cost Each.....
 50 for.....60c 100 for.....90c



175 Kc. I.F. TRANSFORMER

For first or second stage. Factory peaked at 175 kc. Doubled tuned. Trimmer on Isolantite base. With by-pass condenser.

Metal case 1 1/4 x 1 1/4 x 2". **W2165**—Your Cost Each..... **9c**



11,500 OHM FIELD COIL

Ideal for general replacements. 1 1/8" high, 2 1/4" diameter, 1 1/4" hole. Long wire leads. Shpg. wt. 2 lbs. **W19610**—Your Cost Each..... **25c**



H. & H. Toggle Switch D.P.S.T.

Mounts back of panel. Rated 3 amps. at 125 volts. Bakelite case. Screw terminals. **W12819**—Your Cost..... **10c**



Genuine MAJESTIC Transformers

Genuine factory parts, in perfect condition; unused. Only a limited quantity of each available. At new low prices.

W2104—Plate transformer for the 70 series (7BP6 packs). Part No. 67. Shpg. wt. 6 lbs. **Your Cost Each**..... **14c**
W2105—Filament transformer for 70 series. Part No. 61. Shpg. wt. 6 lbs. **Your Cost Each**..... **14c**



★ ULTRA-COMPACT DRY ELECTROLYTICS — Lower Your Inventory



Stock No.	Cap. Mfd.	Work. Volts	Your Cost
W2686	5	35	\$0.15
W2687	5-5	35	.21
W2688	25	50	.25
W2689	50	50	.35
W2690	4	200	.21
W2691	8	200	.24

By stocking only a few of each of the numbers listed below, any replacement job involving filter or by-pass condensers can be easily taken care of. Units are especially compact—only 3" long by 1 1/2" deep. Make up required blocks by ganging units (use 6-32 bolts and nuts) as shown in the illustration above. Save complete blocks by replacing defective sections only. All have separate negative and positive leads. Impregnated cases.

Stock No.	Cap. Mfd.	Work. Volts	Your Cost
W2692	12	200	\$0.25
W2693	16	200	.28
W2694	20	200	.30
W2695	2	550	.22
W2696	4	550	.25
W2697	8	550	.35

★ BARGAIN OFFER ★ Inverted Wet ELECTROLYTICS

An unusually low price on these standard wet electrolytic condensers. All inverted type, supplied with **palnut** for mounting. Threaded bushings extend 1/2". Aluminum containers; solder lug terminal. All 450 volts working, 500 volts peak. All 4 1/2 x 1 1/2". **W2700**—8 Mfd. **W2701**—16 Mfd. **Your Cost**..... **14c**
 Each, Either Type..... **\$1.25**
 10 For.....



PILOT Micacs



Finest ruby mica. Bakelite cases. Mount with two bolts; all necessary hardware furnished. Individually boxed.

Capacities marked.	each
W660 —.00004 mfd.	3c
W661 —.00015 mfd.	
W662 —.0002 mfd.	100 for..... \$1.95
W663 —.003 mfd.	
W664 —.004 mfd.	

Special Offer Of Mica Condensers

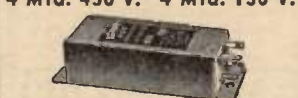


In sturdy molded Bakelite cases. All of standard and popular manufacture. Specify capacity desired when ordering.

Cap. Mfd.	Cap. Mfd.	Cap. Mfd.	Cap. Mfd.
.000005	.0006	.00015	.00035
.00001	.00005	.0002	.0005
.00002	.0001	.00025	

W4189—100 For..... **\$1.75**
Your Cost Each..... **2c**
W4188—Specify cap. desired.
 .001 mfd. .003 mfd. .006 mfd.
 .002 mfd. .005 mfd.
Your Cost, 100 For..... **\$2.50**
Each..... **3c**

Dual Section Unit



4 Mfd. 450 V. 4 Mfd. 150 V.

In cardboard container with lug terminals. Common negative. Size 3 1/2 x 1 1/2 x 1"; mtg. flange centers 4 1/4". **W2863**—Your Cost..... **19c**

10 Mfd. 25-Volt "Midget"

Measures only 1 1/4 x 3/4 x 3/8". Rated 10 mfd. at 25 volts d.c. working voltage (35 v. peak). Guaranteed under R.M.A. standards. Wire leads.



W3203—10 For..... **75c**
Your Cost Each..... **9c**

Two-Gang Condenser

.000365 Mfd. Aluminum plates, split end plates for tracking. Each section .000365 mfd. With trimmers. 1/4" shaft extends 5/8". 2 1/2" deep, 1 1/2" wide, 3 1/2" wide. Shpg. wt. 2 lbs. **W9626**—Your Cost..... **29c**



Triple By-Pass Unit

1-1 and .125 mfd., 400 volts. Metal case. Can be negative. **W478**—Your Cost..... **6c**



8 Mfd. 225 V. Electrolytic Unit

Tubular type in cardboard container provided with leads. Positive lead red, negative lead is black. For general replacements. Limited quantity. 4 1/2 x 1 1/2". **W2801**—Your Cost Each..... **12c**
 10 For..... **\$1.00**



Flush-Mounting 7-Tube Transformer

Completely shielded; bottom shell type with long color coded leads. Primary for 115 volts, 50-60 cycles a.c. Secondaries: high voltage 325/325 volts at 75 ma.; 6.3 volts c. t. at 1.2 amps. (4 heaters); 2.5 volts c. t. at 3 amps. (2-power tubes); 5 volts at 2 amps. (rectifier). 3 1/2 x 2 1/2 x 3 1/4". Shpg. wt. 3 lbs. **W2239**—Your Cost..... **95c**



6-Tube Power Transformer

Fully shielded upright mounting transformer with color coded leads. Primary for 110 volts, 50-60 cycles a.c. Secondaries: high voltage delivers 600 volts c. t. at 70 ma.; 5 volts at 2 amps. (80 rect.); 2.5 volts c. t. at 3.75 amps.; 6.3 volts at 1.4 amps. (2-42's). Size: 3 1/2 x 3 1/2 x 3 1/4". Shpg. wt. 5 lbs. **W1544**—Your Cost..... **95c**



Midget Pentode Output

Single pentode output transformer (for 47, 2A5, 42, etc.) designed to mount directly on speaker frame. 1 1/2 x 1 1/2". Matches a 5-15 ohm voice coil. Shpg. wt. 1 lb. **W1549**—Your Cost..... **19c**



SPECIAL VALUES IN DRY ELECTROLYTICS

8 Mfd. 450 Volt Dry Electrolytic Condenser



550 Volts Peak

In cardboard containers with flanges. Long insulated leads for connections. Of standard manufacture—built to high standards and fully guaranteed. Overall size: 4 1/2" long, 1 1/2" wide and 1" high; mounting centers 4 1/2" apart. Shpg. wt. 1 lb. List Price 95c. **W3200**—10 For..... **\$1.60**
Your Cost Each..... **17c**
Special.....

Dual 8 Mfd. 450 Volt Dry Electrolytic



550 Volts Peak

Cardboard container with flanges. Four leads—separate sections. Standard manufacture—fully guaranteed. Size: 4 1/2" long, 1 1/2" wide and 1 1/4" high; mounting centers 4 1/2". Shpg. wt. 1 lb. List Price \$1.40. **W3201**—10 For..... **\$3.50**
Your Cost Each..... **39c**
Special.....

A.C.-D.C. Electrolytic 16-8-5-5 Mfd., 200-35 V.



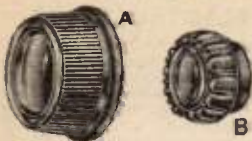
Filter and By-Pass Block

Suited for use in a.c.-d.c. midgets. Four sections: 16 and 8 mfd. at 200 volts peak, 5-5 mfd. at 35 volts peak. Color coded leads. Size: 3 x 1 1/2 x 1; centers 3 1/2". Shpg. wt. 1 lb. List Price \$1.75. **W3202**—10 For..... **\$3.50**
Your Cost Each..... **39c**
Special.....



We challenge you to EQUAL these Prices!

Push-On Knobs



High quality Bakelite knobs, push-on type, for 1/4" milled shafts.
W9931—Type A. 1 1/4" diam., 1 3/8" skirt. Brown Bakelite.
W9932—Type B. Philco type. 3/4" diam. top, 1" base. Brown.
Your Cost Each, Either Type **2¢**
 100 for **\$1.60**

Metal Cased Dual By-Pass Units



High quality by-pass condensers in circular aluminum cases. Pigtail wire leads. Case is common negative. All conservatively rated at 400 volts d.c. working voltage. Metal collar for mounting. Limited quantity.

Stock No.	Cap. Mfd.	Size In.	Your Cost
W733	.05—.05	1 1/2 x 3/4"	4¢
W734	.1—.1	1 1/2 x 3/4"	
W735	.1—.25	2 1/4 x 3/4"	100 For
W736	.25—.006	3 1/2 x 3/4"	\$2.95

10-Watt Field Exciter



Delivers a full 10-watts into 1,000 to 2,500 ohms. Uses 80 rectifier. Perfectly filtered. Heavy duty transformer. With 6-foot rubber covered cord. Screw terminals. For 110 volts, 60 cycles a.c. On crinkle lacquer finished metal chassis 6 1/2 x 5 1/4 x 4 3/8". Shpg. wt. 4 lbs.
Less Tube, W19247—Your Cost **\$2.95**

Maroon Spaghetti

Highest grade. Maroon color. Takes No. 16 wire. 30-inch lengths.
W15959—Your Cost, per length **3¢**
 100 Lengths for **\$2.00**

Pre-Amplifier With Electronic Mixer

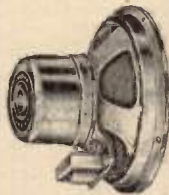


A gain of 50 db is afforded by the pre-amplifier. The 6-volt model uses 6—6A5's, and the 2 1/2-volt model uses 6—75's. Assembly is housed in a steel cabinet 10 1/2 x 5 1/2 x 5 1/2". Input impedance is 500,000 ohms; output impedance to match grid of input tube. All controls on front panel. Indicator shows when line is "on". Suitable power supply for use with these units is listed at right. Shpg. wt. 11 lbs.

Model 204-A—2 1/2-volt model.
Model 205-A—6-volt model.
LESS TUBES.
Your Cost Each, Either Type. **\$14.95**

SPECIAL Speaker Values

A PRICE SCOOP! MAGNAVOX 10" DYNAMICS



An amazing bargain value in these exceptionally fine electro-dynamic speakers. 10" cone diameter. Field resistance 900 ohms (can be used to replace 1,000 ohm speakers). Ideal for public address systems, large radios, etc. Complete with output transformer to match a

single pentode tube (47, 2A5, etc.). Heavy, plated frame; pressed paper cone. Wide frequency range. Handles 5-watts.

Shpg. wt. 15 lbs.
W19349—Your Cost, Special. **\$2.19**
 Same as above, but less output transformer. **\$1.79**
W19350—Your Cost, Special. **\$1.79**

UTAH ORTHOVOX 6" MAGNETIC

Another Wholesale "eye-opener." These famous Orthovox speakers employ a permanent magnetic field, and are comparable with the best dynamics.

Three point anchorage of motor unit to frame. Built to stand-up under severe conditions. Excellent tone quality. **Impedance 7,000 ohms;** matches single 10, 12, 18, 19, 20, 31, 33, 38, 41, 42, 43, 46, 47, 49, 59, 89, 2A5 or push-pull 43, 45, 71A. Shpg. wt. 4 lbs.

W19351—Your Cost **\$1.09**

8" Model: Same as above, but with 8" cone and 10,000 ohms impedance. Matches single 38, 49, 12A7 or p.p. 13, 19, 20, 31, 33, 38, 41, 42, 46, 47, 79, 59, 89, 2A5, 6A4, 6A6.

W19352—Your Cost, Special. **\$1.74**

6-VOLT DYNAMICS FOR AUTO SETS

8" Model With Transformer



High quality electro-dynamic with 2-ohm field, for auto sets (6-volts). Heavy field coil, solid spider, plated metal frame. 8" cone diam. With transformer to match push-pull 45's, 43's, etc. With cord and plug. Quantity limited. Shpg. wt. 6 lbs.

W19178—Your Cost Each, Special **89¢**

6" Model Less Transformer

Similar to above, but 6" cone and less output transformer. Quantity limited. Shpg. wt. 4 lbs.

W19182—Your Cost Each **59¢**

Lafayette PRE-AMPLIFIERS

• For Up To 3 Mikes

• For 1 Mike
 • Gain 56 DB

This pre-amplifier-electronic mixer when used in conjunction with old, low gain amplifiers (up to 70 db) will permit the use of new high-fidelity velocity and sound cell microphones, and permit studio type mixing and fading of 3 input channels. Each channel is equipped with an individual gain control; in addition, a master gain and tone control are provided.

When used with any amplifier having a gain of 60 db or over, the unit will permit use of crystal, sound cell and velocity mikes. Provides an overall gain of 56 db obtained from a highly efficient circuit which employs two 6C6 tubes. Output level is plus 5 db. Input impedance 500,000 ohms and the output will match the input grid of any standard amplifier. Power can be taken from amplifier, or from power pack listed at the left. Enclosed in a heavy steel case finished in rubber black. Size 10 1/2 x 7 1/4 x 5 1/4". Equipped with a volume control and socket for power. Filaments take .6 amps at 6 volts; plates require 180 to 300 volts. Shpg. wt. 20 lbs. **Less Tubes.**

\$14.95

Model 1046-PP Power Supply
 For use with above units. For 110 volts, 60 cycles a.c. Steel chassis with protective screen. Size 8 1/2 x 6 1/2 x 6". Uses 80 rectifier. Wgt. 19 lbs. **Less tube.** **\$10.95**
Your Cost Special

\$10.95

New DeLuxe Pre-Amplifier



Enclosed in a heavy steel case finished in rubber black. Size 10 1/2 x 7 1/4 x 5 1/4". Equipped with a volume control and socket for power. Filaments take .6 amps at 6 volts; plates require 180 to 300 volts. Shpg. wt. 20 lbs. **Less Tubes.**

Model 224-A—Your Cost Special. **\$12.50**

Combined Oscillator-I.F. Coil. 456 Kc.

Composite oscillator and 456 kc. i.f. coil. Top tuning. Isolantite base trimmers. Leads for i.f. connections, lugs for oscillator connections. 3" high, 1 1/4" diameter
W10053—Your Cost **23¢**



Shielded I.F. Coil

Fully shielded 175 kc. i.f. coil for use with high gain tubessuch as 6C6, 6D6, etc. Includes a 60,000 ohm load resistor. In can 1 3/4 x 1 1/4". Lug terminals.
W10086—Your Cost Each **9¢**



I.F. Transformers

Double tuned i.f. transformers ideal for set builders or for replacement purposes. Trimmers on Isolantite bases, and are top tuned. In standard round containers. Color coded leads. High gain.
W10036—175 kc.
W10035—456 kc.
Your Cost, Each **33¢**



I.F. Image Suppression Trap

Eliminates image interference. Covers 456—470 kc. i.f.s. Top tuned, trimmer on Isolantite base. In aluminum can 2 1/4 x 1 1/4". mtr. centers 1 1/2" apart.
W10281—Your Cost Each **29¢**



Wall Receiver Coupler

Fits standard wall outlet. Equipped with Bakelite double tip jack, and coupler wired to rear terminals. Used to couple receiver to a master antenna. Plate finished in grained brass and has markings "A" and "G". With two phone tip plugs.
W13218—Your Cost Each **29¢**




BARGAINS!

QUANTITY LIMITED

Volume Control With Switch For Auto Sets

Has a slotted shaft to take auto remote cable having a flat tongue. Potentiometer type; total resistance 200,000 ohms. Tapered for audio grid circuits. Has a built-in line switch. $\frac{3}{8}$ " bushing.

W6355—Your Cost **9^c**



$\frac{1}{2}$ -Meg. Rheostat With Switch

Rheostat type, for tone control or audio shunt circuits. Bakelite case. Shaft extends $1\frac{1}{2}$ ".

W8339—Your Cost **19^c**



800 Ohm 10-Watt Resistor

Finest resistance wire covered by a coating of vitreous enamel. 800 ohms, conservatively rated at 10 watts capacity.

W5096—10 for **30c**

Your Cost **4^c**



Varnished Insulating Paper

For insulating transformer windings, coils, etc. 100 feet to a roll. $2\frac{1}{2}$ " wide.

W15314—Each **15^c**

10 Rolls for **\$1.25**




Screen Grid Clips

Heavily plated spring clip, complete with a long length of insulated wire.

W15262—For glass tubes
W15256—For metal tubes

12 for **10^c**

100 for **75c**



Auto Filter Pack

Contains: one 375 mmfd. and one .5 mfd. 400 volt capacitors, two 4-mfd. 200 volt dry electrolytic capacitors, one 300 ohm "B" choke and one "A" choke. In metal container $3\frac{1}{2}$ " x $2\frac{1}{2}$ ". Shpg. wt. 3 lbs.

W14183—Your Cost **14^c**



Shielded Antenna Coil

Fully shielded in aluminum can $2\frac{3}{4}$ " high by $1\frac{1}{4}$ " diameter. Silk covered primary and secondary windings. For use with .000365 mfd. variable condenser.

W10064—Your Cost **9^c**



FIBRE TUBING FOR COILS

Finest quality fibre tubing. Especially well suited for winding all types of coils.


Stock No. Dimensions **Your Cost**

W10230 $2\frac{1}{2}$ " x $1\frac{1}{2}$ " **1^c** Each

W10238 $3\frac{1}{2}$ " x $1\frac{1}{2}$ " **1^c**

W10239 $3\frac{1}{2}$ " x $1\frac{1}{2}$ " **1^c**


100 for **90c**



3-Gang Condenser For Short Wave Sets

These condensers were made for a nationally known manufacturer. Each section has a capacitance of .00046 mfd. Two of the sections have standard spaced plates with split end plates; the third section has extra wide spacing for more efficient oscillator tuning. $\frac{3}{4}$ " shaft extends $1\frac{1}{2}$ ". Size: $5\frac{1}{4}$ " deep, $3\frac{1}{4}$ " wide, $1\frac{1}{4}$ " high. Shpg. wt. 2 lbs.

W9628—Your Cost **29^c**




.5 Mfd. 1000 Volt Cased Condenser

A high voltage by-pass condenser suited for use in radio receivers and low-powered transmitters. Rated .5 mfd., 1000 volts d.c. working voltage. Perfectly sealed in container and provided with leads. $4\frac{1}{2}$ " x $2\frac{3}{4}$ ".

W498—Your Cost **7^c**

Special.....



3-Gang Condenser

Brass plate, 2-gang condenser of the "bathtub" type. Each section has capacitance of .000365 mfd. Each section has two Bakelite strips for mounting trimmers and terminals. $\frac{3}{4}$ " shaft extends 1". Size: $6\frac{1}{2}$ " long, $3\frac{1}{2}$ " wide, $2\frac{3}{8}$ " high. Shpg. wt. 3 lbs.

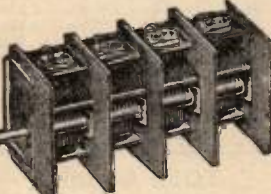
W9694—Your Cost **15^c**



4-Gang Condenser

High shield type, each section .000365 mfd. Bakelite trimmer and terminal strips. $\frac{3}{8}$ " shaft extends $1\frac{1}{2}$ ". Size: $8\frac{3}{4}$ " long, $4\frac{1}{4}$ " wide, $3\frac{1}{4}$ " high. Shpg. wt. 5 lbs.

W9695—Your Cost **19^c**




★ 75% DISCOUNT ON ★ PHILCO OUTPUT METERS

An essential for every ham, serviceman and experimenter. For checking the output of tuners, amplifiers, etc. "Shadowgraph" meter shows variation in output by a variable shadow on the celluloid screen. Comes complete with two wired-in $1\frac{1}{2}$ volt dry cells for pilot light. Housed in a crackle finished metal case $5\frac{1}{2}$ " x $3\frac{1}{2}$ ". On-Off switch on top of case. Tip jacks for connections. Furnished with long insulated test leads and adapters to place under output tubes (universal). Shipping weight 4 lbs. Limited quantity.

W10901—List Price \$12.50
Your Cost Each, Special.....

\$2.95



Push-Pull 6L6 Output Transformer

A high quality, fully shielded transformer made by Thordarson. Primary impedance 6000 ohms plate to plate, matches p.p. 6L6's (400 volts on plate.) Secondary for 2 ohm voice coil. Binding posts on sides. $3\frac{1}{2}$ " x $2\frac{1}{2}$ " x $3\frac{1}{2}$ ". Shpg. wt. 4 lbs.

W1546—Your Cost **\$1.10**



15 Henry Filter Choke

75 Ma.

A fully shielded filter choke for use in power amplifiers, etc. Rated inductance 15 henrys d.c. Resistance (d.c.) 800 ohms. Lug terminals. $2\frac{1}{2}$ " x $3\frac{1}{2}$ " x $2\frac{1}{2}$ ".

W1542—Your Cost **49^c**

Same as above, but unshielded. Shpg. wt. 3 lbs.


W1543—Your Cost **39^c**



THORDARSON Type Z Screen Grid Coupler

Used to couple a screen grid detector to a stage of audio or a power output tube. Consists of two individual iron core coils in a fully shielded case. Primary inductance 200 henrys at 5 ma. d.c. Binding posts on side. $3\frac{1}{2}$ " x $3\frac{1}{2}$ " x $4\frac{1}{2}$ ". Shpg. wt. 4 lbs.


W578—Your Cost **59^c**



Full-Wave Vibrator Transformer

Open frame type with long leads. 6-volt primary; secondary delivers 225 volts at 40 milliamperes (each side of c.t.). Heavy duty core, high voltage insulation. Overall size: $2\frac{3}{4}$ " high, $1\frac{1}{4}$ " deep, $3\frac{1}{4}$ " wide; centers $2\frac{1}{2}$ " x $1\frac{1}{2}$ ". Ideal for general replacement purposes. Shpg. wt. 4 lbs.

W1547—Your Cost **94^c**




Special Bargain ★ Gang Switches ★

3-Pole, Double Throw

A bargain among bargains. These switches can be used by servicemen and set builders for test instruments, radio receivers (for band switching), etc. Made up of 9 silvered contacts on a Bakelite disc $1\frac{1}{2}$ " in diam. Rotating member has 3 silvered shorting blades. With $\frac{3}{8}$ " bushing. Wedged grips prevent whole unit from turning if mounting nut should loosen. Milled shaft is 2" long and $\frac{1}{4}$ " in diam. For use as three pole d.t. or 3-circuit shorting switch.

W12961—Your Cost Each **12^c**




Combination 4-Pole D. T. and Single Pole Single Throw

Double gang switch with all Bakelite insulation and silvered, self-cleaning contacts. Rear unit has one d.p.d.t. and one s.p.s.t. member; front unit is d.p.d.t. An aluminum plate acts as a shield between the two sections. A $\frac{3}{8}$ " bushing keeps the switch 1" in back of panel. Threaded bushing is $\frac{3}{8}$ " diam. and extends $\frac{1}{4}$ ". Shaft is $2\frac{1}{2}$ " long, milled, and $\frac{1}{4}$ " in diameter.

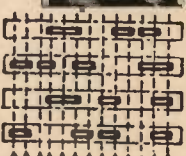
W12962—Your Cost Each **15^c**



13 Contact Switch 4-Position Rotary



Pos. No. 1
Pos. No. 2
Pos. No. 3
Pos. No. 4



Rectangles in the schematic diagram above denote connections that are tied together when the switch is in the respective positions as shown. Contacts and contact points of phosphor-bronze.


Shpg. wt. 2 lbs.

W12856—Your Cost **10^c**

2.5 Millihenry Choke

Four pie-wound sections on Isolantite form. 2.5 millihenrys, 50 ohms d.c. resistance, distributed capacity 1 mmfd.

W10106—Your Cost Each **14^c**



5-Meter Interruptor Coil

Suited for use as low frequency oscillator in 5-meter super-regenerative sets. Wound on a wood dowel, and wax impregnated and covered. $1\frac{1}{2}$ " diameter.

Lug terminals

W10282—Your Cost Each **9^c**



Every Day is BARGAIN DAY at Wholesale Radio Service Co., Inc.

BARGAINS!

QUANTITY LIMITED

Tubular Cartridge Paper By-Pass Units

A line of standard size tubular by-pass condensers at extremely low prices. Tinned copper leads.



Stock No.	Cap. Mfd.	Wkg. Volts	Your Cost
W3507	.01	400	\$0.03
W3508	.05	400	.04
W3509	.1	400	.04
W3510	.25	400	.07
W3511	.5	400	.10
W3512	1.0	400	.16
W3512	.001	600	
W3513	.002	600	
W3514	.005	600	
W3515	.006	600	
W3516	.01	600	
W3517	.02	600	
W3518	.05	600	
W3519	.1	600	
W3524	.25	600	
W3525	.5	600	

3¢

4¢

FORD-MAJESTIC "B" Power Supply For

Model 40-18805B

Complete pack. Contains transformer, vibrator, filter condensers and buffer condensers. Set uses 2-1E7's, 1-6AT5, 1-6C7, 1-6Y5 and 1-12. Entire unit plugs into 6-prong socket on chassis. All parts rubber cushion floated. Shpg. wt. 8 lbs.



W15691—Your Cost **\$2.95**

1 Mfd. 600 Volt Paper Condenser



High voltage paper condenser ideal for high power receivers or low power transmitters. In impregnated cardboard case with insulated leads. 3x1 1/4x1 1/4. .1 mfd., 600 volts d.c.

W2698—Your Cost **14¢**
10 for **\$1.25**

375-Watt Step-Down Transformer

220 V. A.C.
to
110 V. A.C.



Heavy duty type step-down transformer rated conservatively at 375 watts. Primary for 220 volts, a.c., output 110 volts a.c. Fully shielded in crackle finished metal case 7 1/2x4 3/4x3 1/4" high. With 6-ft. line cord and plug, and receptacle for the appliance to be used. Shpg. wt. 16 lbs.

W1418—Your Cost **\$2.95**

PHILMORE "Vest Pocket" Crystal Set



Only 3x1 1/4x1 1/4". Built-in sensitive crystal detector. Tipjacks for phones; single phone may be used. Leads for ant. and gnd.

W13885—Your Cost **\$58¢**



★ Quantity Limited RADIO TUBES AT NEW LOW PRICES—RCA LICENSED ★

Offered at prices far below the present market quotations. All brand new, first quality. RCA licensed. Packed in factory cartons. Guaranteed for 30 days (burnouts and broken glass excepted).



Type	Each	Type	Each	Type	Each	Type	Each
1A6		6D6	32c	33	32c	57	32c
1B5	39c	6E5		34	39c	58	
1C6		6F7	39c	35	30c	71A	25c
1V	29c	6G5		36	29c	75	29c
2A3	49c	12A5	49c	37	27c	76	27c
2A5	32c	12A7		38		77	32c
2A6		1273	32c	39	29c	78	
2A7	39c	25Z5	35c	41		80	22c
2B7	29c	01A	19c	42	32c	82	30c
2E5	39c	12A	25c	43	35c	83	32c
5Z3	28c	22	39c	45	22c	83V	49c
6A4		24A	35c	46	32c	84	29c
6A6	39c	26	21c	47		85	
6A7		27	22c	48		89	32c
6B5	49c	30	29c	50	49c		
6B7	29c	31		55	29c	183	
6C6	32c	32	39c	56	24c	485	49c

TOBE Aerials

Windo-Pole

An efficient all-wave antenna that does not require the use of wires, lead-in or roof work. Takes only a few minutes to install. Consists of three steel sections totalling 8-ft. in length. Has insulated steel clamp for mounting to any window sill and comes complete with insulated lead-in strip. Shpg. wt. 4 lbs.



W16250—Your Cost **\$1.15**

Twin Phono Jack



W13030—Your Cost Each **4¢**

Bakelite molded strip for standard phone tips. Centers 1 1/4". Marked phono.

300,000 Ohm Tapped Control With Switch

An unusual bargain. Control has total resistance of 300,000 ohms, with tap at 150,000 ohms. Built-in line switch. 3/8" shaft, milled. 3/8" bushing.

W8338—Your Cost **19¢**

1 Meg. Tapped Control

Similar to above, but 1 meg., tapped at 500,000 ohms. With line switch.

W8340—Your Cost **19¢**

OHMITE 10-Watt 25 Ohm "Red Devil"

Only a limited quantity. Offered at special low price. Resistance 25 ohms, capacity 10-watts. Wire leads.

W5057—Each **9¢**
10 For **75¢**



ROLA G-12 Hi-Fidelity Speakers

High quality d.c. dynamics having an unusually wide range; essentially flat from 50 to 8,000 c.p.s. Voice coil impedance 8 ohms. Full 12" diameter cone. Pressed steel frame finished in instrument black, and carrying handle provided. Size 12 1/4" wide, 12 1/4" high, 7 1/4" deep. 675 ohm speaker for 110 volts input; 1,000 ohm speaker for 140 volts input; 1,250 ohm speaker for 150 volts input. Both furnished with input transformer to match 250 and 500 ohm line.

Shpg. wt. 26 lbs.
W19240—675 ohm field **\$7.95**
W19243—1000 ohm field
W19245—1250 ohm field



Special Transmitting Chokes Smoothing and Swinging Types

A complete line of heavy duty smoothing and filter chokes ideal for "hams", p.a. work, etc. Fully shielded in ventilated cases. All have stand-off terminals but the 200 ma. units which have lug terminals. Made by United Transformer Co. Average Shpg. wt. 15 lbs.



Smoothing Chokes

Stock No.	Induct. Henrys	Ma. D.C.	Your Cost
W5464	20	200	\$1.75
W5465	20	300	3.25
W5466	20	400	4.00
W5467	20	500	5.50

Swinging Chokes

Stock No.	Induct. Henrys	Ma. D.C.	Your Cost
W5468	5-25	200	\$1.75
W5469	5-25	300	3.25
W5470	5-25	400	4.00
W5471	5-25	500	5.50

Midget Radio Cabinet

Your Cost

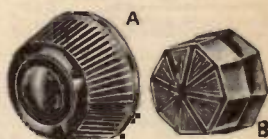
95¢
each



An attractive hardwood cabinet of the mantel type. Constructed of walnut veneers with a darker base piece. Speaker grill backed by gold grill cloth. Cut-outs for 3 1/4" dial (airplane type) and four controls. Dimensions: 14 1/4" high, 10 1/4" wide, 8" deep; inside dimensions: 13 1/4" x 10x7 1/4". Shpg. wt. 6 lbs.

Model 985—Your Cost **95¢**

Push-On Knobs



Attractive molded radio knobs of the push-on spring type.

W9625—Type A: Brown Bakelite, round knob, 1" diam. top, 1 1/4" skirt. For 1/4" shafts.

W9624—Type B: Black molded hexagon type. Decorative top. 1" diam. For 1/4" shafts.

Your Cost Each **2¢**

100 For **\$1.50**

Arvin-Motorola Vibrator

Exact duplicate replacement. For Arvin models 7, 17, 27, 37 and 17A; for Motorola models 57, 75, 100, F7, F100, GM 57, GM 75, and GM100. Also used in Zenith models 5610, 5616 and 1935 models. Wt. 2 lbs.



W14626—10 for \$8.50
Each **95¢**

20 Ohm "Hum Bucker"

Potentiometer type, with slotted shaft for screw driver control.

W8341—Your Cost **4¢**
10 for **33¢**



913 Adapter Assembly



Permits easy mounting of 913 cathode ray tube in any chassis. Outfit consists of a completely wired socket assembly for the 913 (long insulated leads), and a universal mounting bracket. Full instructions included. List \$1.00.

W11489—Your Cost **59¢**

.01 Mfd. Tubular Unit

200 Volts



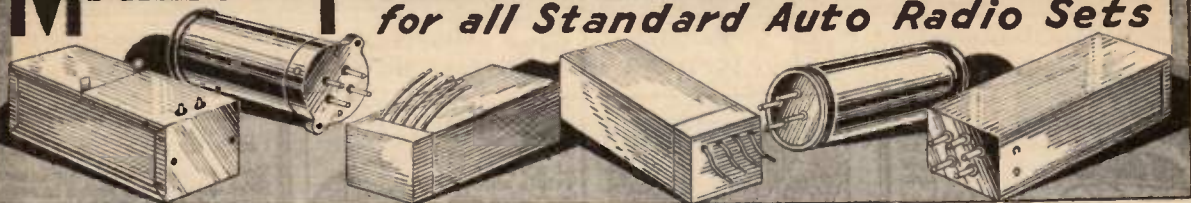
Compact unit, with pigtail wire leads. Unmarked. Fully impregnated. 200 volts d.c. working voltage. .01 mfd. 100 for \$1.60

W678—Your Cost **2¢**

Every Day is BARGAIN DAY at Wholesale Radio Service Co., Inc.

MALLORY REPLACEMENT VIBRATORS

for all Standard Auto Radio Sets



Stock No. Name and Model Type No. Your Cost

Arvin

W6137	15, 25, 35, 45 (1st series)	296	\$2.65
W6135	15, 25, 35, 45 (2nd series)	292	2.35
W6135	10A, 20A, 20B, 30A, 30B, 16	292	2.35
W6136	7, 17, 17A, 27, 37, 18, 28, 33	294	2.65
W6096	61B, 62B, 517B, 527B, 617B, 627B	245	3.23

Atwater-Kent

W6114	424, 584	222	3.38
W6137	666, 776	296	2.65
W6168	816	226	3.53
W6136	126, 136, 416, 446, 556, 237Q, 467Q	294	2.65

Belmont

W6136	566, 666, 690, 670A, 880A, 880B, 880C	294	2.65
W6135	660	292	2.35
W6140	1932 Models	311S	4.41

Bosch

W6125	5 2 4 A, 6 3 1, 6 3 4 A, 1 3 9, 5 3 6	253Y	2.65
W6127	140 (Ed. 2 & 3)	271	3.53
W6106	150 (Ed. 1)	219	4.41
W6127	45A, 45C, 160	271	3.53
W6123	79C	253	2.65
W6136	736, 737, 738	294	2.65
W6096	600, 636, 637	245	3.23

Buick-Olds-Pontiac

W6113	980393	221	2.65
W6114	980459-980455	222	3.38
W6114	980441	222	3.38
W6130	544245-6	273C	3.23
W6130	393884-5	273C	3.23
W6130	544267-8	273C	3.23
W6130	405045-6	273C	3.23
W6167	980507-8-9	273D	3.23
W6130	982006-7-8	273C	3.23
W6130	983506-7	273C	3.23

Cadillac

W6106	06W Stand.	210	4.41
W6106	06W Master	237	4.41
W6106	2721 (062)	206	3.97
W6106	2722 (072A)	211	4.41
W6123	67U2	253	2.65
W6113	56V1	221	2.65

Mallory Replacement Vibrators are admittedly the finest on the market today. A great majority of the auto radio manufacturers use them as original equipment. For greatest efficiency use only Mallory Vibrators—they cost no more than inferior makes.

Stock No. Name and Model Type No. Your Cost

Chevrolet

W6113	364441	221	\$2.65
W6114	600249-600565	222	3.38
W6130	601176-7	273C	3.23
W6130	601814	273C	3.23
W6130	601662	273C	3.23
W6130	601574	273C	3.23
W6136	985100-200	294	2.65
W6167	985300	273D	3.23

Clarion

W6136	AR100 (4-pr.)	294	2.65
W6137	6-Prong	296	2.65

Colonial

W6113	106B Supp.	221	2.65
W6112	164	220B	3.82
W6137	161B	296	2.65
W6127	150	271	3.53

Crosley

W6115	98, 99, 102, 103, 5A1	223	3.53
W6169	4A1, 6B1, 5A3, A155	247	3.38
W6097	436, 546, 636, 6615	246	3.23
W6130	A166, A255, A355, A366, A445, A555	273C	3.23
W6170	A166, A266	501P	1.77

De Wald

W6113	52	221	2.65
W6135	61	292	2.35
W6136	517, 606, 607	294	2.65

Emerson

W6137	965, 667	296	2.65
W6132	6A	277S	3.53
W6125	6A	253Y	2.65

Ford

W6112	Majestic 40-18805	220B	3.82
W6122	Phileo (all)	500P	1.77
W6137	Lincoln	296	2.65

General Electric

W6127	B40, C41, B52	273	3.53
W6123	C60	353	2.65
W6165	C61	224	4.12
W6147	D50, D51, D52	287M	3.23
W6136	D72, N60	294	2.65
W6098	N51	248	3.23

Stock No. Name and Model Type No. Your Cost

Hudson-Terraplane

W6112	Majestic Head 220B	210	\$3.82
W6135	651HE, 650HD, 660TD, 661TE	292	2.35
W6136	666, 668, 680, H6	294	2.65

Lafayette

W6106	S17762	210	4.41
W6133	B-62	286S	3.23
W6104	062, 062A	206	3.97
W6123	L30, 6S	253	2.65
W6137	L-23, AM20	296	2.65
W6136	C60, LW10	294	2.65

Majestic

W6112	66, 116, 116A, 118	220B	3.82
W6112	40-18805	220B	3.82

Montgomery Ward

W6135	87	292	2.35
W6123	62-118, 62-166	253	2.65
W6104	62, 062	206	3.97
W6144	Airline, 62-136, 62-138	F253	3.23
W6133	5Y, 62-199	286S	3.23
W6137	102	296	2.65

Motorola

W6136	34	294	2.65
W6138	88	302S	4.41
W6116	77	230	4.41
W6126	77A, 44A, 66	270B	3.53
W6117	55	231	4.26
W6119	44	235	4.26
W6123	Dual 6, Twin 8	253	2.65
W6136	50, 60, 80, 90	294	2.65
W6124	57, 75, 100	253T	2.65
W6124	62, 79, 110	253T	2.65
W6117	55A	234	4.26

Philco

W6122	All prior to 1936, 816	500P	1.77
W6170	1936 Models, 817, 818, 819 501P	1.77	

RCA-Victor

W6127	M34, M105, M116, AR4229	273	3.53
W6123	M107	253	2.65

Stock No. Name and Model Type No. Your Cost

W6171	5M, 6M, 6M2	249	\$3.23
W6165	M123	224	4.12
W6136	H-6, M109	294	2.65
W6134	M101, 104, 108 287M	271	3.53
W6099	BT6-5, BC6-6	285	3.23

Sears-Roebuck

W6136	7128 (4 pr.), 566, 666	294	2.65
W6137	7128 (6 pr.)	296	2.65
W6171	4400, 107 HA62	249	3.23
W6136	7157, 7167	294	2.65
W6127	1859	271	3.53
W6127	7117, 1859A	271	3.53

Spartan

W6135	33, 33A, 333	292	2.35
W6114	96	222	3.38

Stewart-Warner

W6136	1171, 1172, 1311, 1312	294	2.65
W6135	1121, 1122, R112, 1123	292	2.35
W6166	R1322, R132	289Y	3.23
W6136	131, R-117-118, 1182-A	294	2.65

Stromberg-Carlson

W6106	33, 33A	236	4.41
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Utah

W6113	"B" Eliminator	221	2.65
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Wells Gardner

W6135	V622, Z6Z1	292	2.35
W6133	25Y1	286S	3.23
W6146	25Y1 (12V)	G286S	4.41
W6104	062, 062A	206	3.97
W6106	072, 072A	211	4.41
W6106	06W (1st)	210	4.41
W6106	06W (2nd)	237	4.41
W6123	6U, 6S, 6R	253	2.65
W6144	26B1, 26B5	F253	3.23
W6136	6N, 6R, 6L	294	2.65
W6098	6K	248	3.23

Westinghouse

W6136	WR25 (4 pr.)	294	2.65
W6137	WR26 (6 pr.)	296	2.65

Zenith

W6137	7, Ford	296	2.65
W6135	460, 462	292	2.35
W6136	668, 680	294	2.65

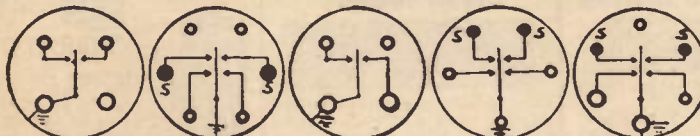
Cup Adapter, when purchased with vibrator.

W6148—Your Cost, 29¢

Cup Adapter only. 59¢

*Means cup adapter is necessary.

RADIART UNIVERSAL REPLACEMENT VIBRATORS



TYPE RU-1 TYPE RU-2 TYPE RU-3 TYPE RU-4 TYPE RU-6

A group of five vibrators that will service practically any auto or farm (6-volt) radio on the market today. All built of high grade materials and instrument adjusted for peak performance.

TYPE RU-1: Non-synchronous, standard 4-prong base. 1 1/2" diam., 3 1/4" high. For use in Arvin, Bosch, Buick-Olds-Pontiac, Chevrolet, Delco, Motorola, Philco, Spartan, Stewart-Warner, United Motor Service, Zenith. Shpg. wt. 2 lbs. List \$3.00. W14247—Lots of 12. Each \$1.47 **\$1.76**
Your Cost, Each.

TYPE RU-2: Synchronous, reversible 6-prong base. 1 1/2" diam., 3 1/4" high. For use in Firestone, Stewart-Warner, Wells-Gardner, etc. Shpg. wt. 2 lbs. List Price \$4.50. Lots of 12. Each \$2.20. **\$2.65**
W14248—Your Cost, Each

TYPE RU-3: Non-synchronous, odd 4-prong base. 1 1/2" diam., 3 1/4" high. For use in Delco 1937, G.M. 1937, Stewart-Warner 1937. Shpg. wt. 2 lbs. List Price \$3.50. Lots of 12. Each \$1.71. **\$2.06**
W14249—Your Cost, Each.

TYPE RU-4: Synchronous, standard 5-prong base. 1 1/2" diam., 3 1/2" high. For use in Delco, United Motor Service, Sentinel 6-Volt Farm. Shpg. wt. 2 lbs. List Price \$4.50. Lots of 12. Each \$2.20. **\$2.65**
W14250—Your Cost, Each.

TYPE RU-6: Synchronous, standard 6-prong base. 1 1/2" diam., 3 1/4" high. For use in Zenith 6-Volt Farm sets. Shpg. wt. 2 lbs. Lots of 12. Each \$2.20. **\$2.65**
W14251—Your Cost, Each



HULL Automobile Compass

An ingenious device that enables the automobile driver to tell the direction in which he is travelling. Easy to install, accurate and fool-proof. Letters are in white and are large—helpful in night driving. Outfit consists of the compass and a compensating unit that maintains accuracy regardless of the amount of metal in the car. Suction caps fasten to the windshield. Full instructions furnished. Shpg. wt. 2 lbs. List \$3.00. **\$1.45**
W3465—Your Cost

LITTELFUSE Auto Fuses

Lower resistance than standard fuses. 1" (x) 1/2" Your Cost. **3¢** ea.



W12320	— 5 amps.
W12321	— 10 amps.
W12322	— 15 amps.
W12323	— 20 amps.



Auto Radio Accessories



BUMPEROD Aerial



An efficient all-purpose auto antenna that can easily be attached to the bumper of any auto (front or rear bumper). Sturdy in construction; will not break under strain. Three piece telescopic unit, total

height 8-ft. steel, parkerized (rust-proof) and finished in black japan. Colored decorative knob on top. No drilling—fits all cars. Shpg. wt. 2 lbs. List \$2.50. **W22032—Your Cost. \$1.29**

DX-CAR-TENNA



Provides the ultimate in auto radio reception. Offers a minimum of wind resistance. The Car-Tenna is not short circuited or affected by ice or rain. It has a surface area equivalent to more than 50 ft. of No. 16 copper wire. Constructed of 3/4" copper tubing, heavily chrome plated. Furnished with 10-feet of insulated lead-in wire and five decorative mounting insulators. Full instructions included. Complete length of car.

For 2 and 4 Door Sedans
W16248—Wt. 3 lbs. **\$3.23**
Your Cost.....

For All Coupes
W16249—Wt. 3 lbs. **\$2.94**
Your Cost.....

ADJUSTABLE PLATE



An improved plate antenna made of rust-proofed metal. Presents great

surface pick-up area. Adjustable from 28" to 44". 7 1/2" wide. Complete with brackets and lead-in wire. Shpg. wt. 3 lbs. **W16241—Your Cost. \$1.10**

Auto Ignition Wire



Standard 7 mm. black lacquered braided wire. **W20851—Per Foot. 3¢**
W20852—100 Ft. \$2.50

Fuse Retainer



Two piece connector of heavy metal, with fibre inside insulation. Heavy spring contact. 2 1/2" long. **W12372—10 for 60¢**
Your Cost..... **7¢**

Antenna Connector



Two-piece metal container, fibre inside insulation. Powerful spring contact. 10 for 50¢. **W16714—Your Cost. 6¢**



No. 9792 TOPTENNA



Fits all cars—no drilling in steel tops. Steel rods are triple chrome plated. Molded Bakelite insulators. Special cement furnished for suction cups. Eliminates wheel static and motor noise. Chromium button furnished to restore cowl if antenna is removed from car. With instructions. Shpg. wt. 3 lbs. List \$5.00. **W22024—Your Cost. \$2.94**



WHIPTENNA No. 9793



Takes only a few minutes to install. Attaches to the hinge pin of any car. Triple chromium plated with molded all-weather rubber insulation. Extremely efficient—maximum signal pick-up. Extremely flexible, guaranteed not to break. Eliminates wheel static and motor noises. One model fits all cars. Shpg. wt. 2 lbs. **W22025—List \$3.50. Your Cost Each. \$2.06**

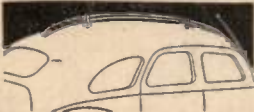


Di-Pole Antenna



This RCA noise reducing antenna, in operation, acts as a counterpoise with the car acting as the antenna. The overall length and height are adjustable so that the unit will fit any car. With instructions. Shpg. wt. 3 lbs. **W22018—Your Cost Each. \$1.55**

AERO-TOP ANTENNA



Provides increased pick-up. Streamlined with the turret top. No drilling—fits all cars. Two 50" chrome plated rods with two ivory Bakelite insulators and an "adjustable pick-up" chrome plated 18" rod with ivory tip. Shpg. wt. 3 lbs. **W22033—For cars with windshields that open. \$2.10**
W22034—For cars with windshields that do not open. \$2.49
Your Cost.....

SINGLE CHANNEL

Very rugged and efficient. Made of rust-proof metal with flexible molded rubber insulators. 50" long. Comes complete with lead-in wire and adjustable brackets. Easy to install—no holes to drill. Shpg. wt. 3 lbs. **W16243—Your Cost. 95¢**



DOUBLE CHANNEL

Two of the above, for installation on both running boards. Provides greatly increased pick-up. Shpg. wt. 5 lbs. **W16244—Your Cost. \$1.80**

REMOTE CABLE AND FITTINGS



A complete kit of all the fittings, gears, housing ends and remote cable necessary to complete practically any job involving remote cables. Comprised of 73 assorted fittings, gears and housing ends, and 20 feet of cable. Handy steel swedging tool included. .150" cable and fittings for .150" cables. In metal box finished in orange lacquer. Shpg. wt. 5 lbs. **W8310—Your Cost. \$11.50**

BELDEN Tinned Shielding



Fine mesh closely woven. Shpg. wt., per 50 ft., 2 lbs.

Stock No.	In.	Diam.	Per Ft.	50 Ft.
W16214	1 1/4"	2 1/2"	1.05	\$1.05
W16215	3/4"	4c	1.75	
W16216	1 1/2"	10 1/2c	4.59	

Copper Shielding



Used for shielding of interference creating circuits. Closely woven; extremely flexible.

BARE			TINNED		
Stock No.	Cost Per Ft.	Diam.	Stock No.	Cost Per Ft.	Diam.
W16234	1 1/2c	1 1/2"	W16237	2 1/2c	1 1/2"
W16235	2c	1 1/2"	W16238	3c	1 1/2"
W16236	3c	1 1/2"	W16239	5c	1 1/2"

"Sash Cord" Wire



For under-car antennas. Consists of 42 strands of No. 27 copper wire wound on heavy cotton base. Extremely flexible. **W20908—Per Ft. 1 1/2¢**
25 Ft. Coil..... **35¢**

DOUBLE RUBERALL AUTO AERIAL



Trombone type deluxe car antenna. Steel rods entirely sealed in rubber, eliminating loss of efficiency caused by corrosion, snow and ice. Equipped with new umbrella type rubber insulators and mounting brackets. Can be installed on any car without drilling. Instructions furnished. Shpg. wt. 6 lbs. **W22035—Your Cost. \$1.49**

Telescoping Door Hinge Aerial



Can be easily attached to the door hinge on any car. Takes only a few minutes to install; no drilling necessary. Three piece, telescoping, total height 6-ft. Chromium plated. Molded rubber insulator. List \$3.25. **W22036—Your Cost. \$1.74**

"Trombone" Antenna



A directional antenna that delivers maximum pick-up with a minimum of ignition noise. Open end mounts toward the front or motor side of car. Comes complete with shielded lead-in wire and adjustable mounting brackets. Easy to install. Shpg. wt. 3 lbs. **W16242—Your Cost. 65¢**

Triangle Auto Antenna



Fibrex insulation pieces. Sash cord antenna wire sufficiently long for all installations. With tension spring and eye bolt assembly. Antenna lead fixed to lead-in wire. Shpg. wt. 4 lbs. **W16472—Your Cost. 59¢**

RCA M-34 VIBRATOR



Genuine RCA part No. 7604, used in models M-34, M105 and M116. Also used in G.E. model B-40. Full-wave type. Wt. 2 lbs. **W2596—Your Cost. \$3.60**

Auto Radio Noise Eliminator

Built along entirely new principles for the purpose of rejecting ignition and other electrical noises from the antenna system of the auto radio. Does away with spark plug suppressors. Installed with a few simple connections by anyone. List \$2.25. **W14202—Your Cost. \$1.26**





Auto Radio Accessories



GEN-E-MOTOR Auto "B"



Eliminators
With
Radio
Filter

Combined motor and generator operating from a 6-volt storage battery. 3 1/2 x 5 3/4 x 4 1/4". Wt. 17 lbs.

Stock No.	Volts	Cur.	Your Cost
W14209	180	30	\$10.78
W14210	200	40	10.58
W14228	225	50	10.58
W14229	250	50	10.58

For Sound Trucks

W14211	300	100	19.98
W14180*	300	100	16.17

For 32-Volt Lighting Plants

W14213	135	67 1/2	13.52
W14222	180	90	13.52
W14212	180	22 1/2, 45	
		67 1/2, 90, 135, 14.70	

*Less filter.

GEN-E-MOTORS Only

In Cadmium plated cases 2 5/8 x 5 3/8 x 4". Shpg. wt. 8 lbs.

W14201—For 6 V. input. Delivers 225 V. at 50 ma. Drain 3.8 A.

W14230—For 6 V. input. Delivers 250 V. at 50 ma. Drain 4.2 A.

Your Cost Each, \$7.64

Either Type..... \$7.64

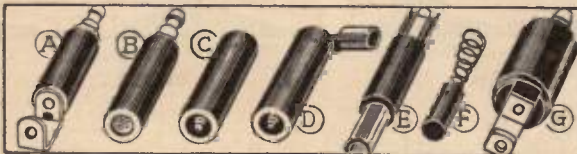
W14233—32 V. input, 180 V. output. Your Cost \$9.70

Each..... \$9.70

For replacement in Ford-Majestic units. 250 V., 50 ma.

W14182—Your Cost. \$7.64

Thru-test Auto Radio Suppressors



Stock No.	Type	Description	Your Cost Each
W5283	A	Standard Spark Plug Type	12c
W5278	B	Compact Spark Plug Type	12c
W5253	C	Cable Type for Buick	12c
W5285	D	Elbow Cable Type	12c
W5279	E	Standard Distributor Type	12c
5 for ...		55c	
7 for ...		75c	
9 for ...		94c	

W5293—Type F. Distributor suppressor for Ford V-8.

Your Cost Each..... 12c

Type G. Wire wound suppressors, low resistance type (500 ohms). Will not reduce speed of car. In Bakelite case; moisture proof.

W5296—Spark Plug Type

W5297—Distributor Type

Your Cost Each..... 27c

Either Type..... 27c

J.F.D. 1937 BUICK Running Board Insulator Kit



Kit contains 8 hard rubber insulators, inter-connecting lead and 8-feet of special shielded lead-in covered with processed braid. Shpg. wt. 8 lbs. List \$5.50

W16253—Your Cost \$3.23

Set of four insulators. For one running-board. Shpg. wt. 5 lbs.

W16254—List \$2.00

Your Cost \$1.18

1937 OLDSMOBILE Running Board Insulator Kit



Contains 8 special hard fibre insulators, 8-feet of low-loss heavy lacquered lead-in protected by a shielded loom covered with processed braid, and 8-feet of interconnecting lead (waterproofed). Full instructions included. Shpg. wt. 7 lbs. List \$5.50

W16252—Your Cost \$3.23

Auto Condensers



Stock No.	Cap.	Your Cost
W14220	.25 mfd.	15c
W14215	.5 mfd.	19c
W14216	1.0 mfd.	24c

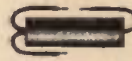
Standard Type

Ford V-8 Type

W14219—Your Cost..... 27c

Dome Light Filter

Eliminates the noise in dome light wiring. Has condenser-choke.



W14208—Your Cost..... 32c

Ammeter Condensers

Eliminates noise in ammeter, horn, etc. Has lug.



W14218—Your Cost..... 19c

SPRAGUE Oil and Gas Gauge Filters

For late 1935 and 1936 Ford V8. Similar in appearance to above.

W14203—Oil Gauge Filter.

W14204—Gas Gauge Filter.

Your Cost Each..... 29c

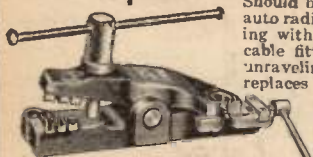
Wheel Static Eliminator

Eliminates front wheel noise. Easy to install in each hub cap. All rust proof.



W5294—Your Cost Each..... 6c

"Remote-O-Cable" Replacer



One machine does ALL Cable work

List Price—\$47.50

W8413—Your Cost

Should be part of the equipment in every auto radio service shop. It does the following with the utmost speed: removes old cable fittings; swedges cable to prevent unraveling; cuts cable to exact length; replaces old fittings on the new cable.

Designed for both .130" and .150" cables. With this, a length of cable and housing and an assortment of fittings, any remote control cable job can easily be done. Size: 15x7 1/2 x 5 1/2". Shpg. wt. 23 lbs.

\$37.24

Auto Radio Cable Fittings



A type for practically every automobile remote control cable now in use. Made of finest materials, accurately machined. Match old fitting from illustrations shown, and order by stock number.

W8414—Type 0	W8417—Type 3	W8420—Type 6	W8423—Type 9
W8415—Type 1	W8418—Type 4	W8421—Type 7	W8424—Type 10
W8416—Type 2	W8419—Type 5	W8422—Type 8	W8411—Type 11

Your Cost Each, 100 for..... \$5.40

Any Above Type..... 6c

Box of 120 Fittings



An assortment consisting of 20 different types of cable fittings, gears, housing ends, etc., totaling 120 pieces. All exactly duplicate popular fittings of standard manufacture. With an assortment of this type, any cable job can be easily and quickly accomplished. Housed in an attractive metal box with a removable tray and compartments for each different type. Shpg. wt. 4 lbs.

W8432—Your Cost \$7.84

J.F.D. AUTO RADIO PRODUCTS

Housing Ends



Made of brass. Fit exactly. Popular types shown. Order by stock number according to the illustrations shown above.

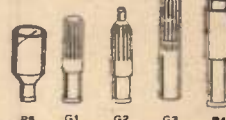
W8429—Type A	W8292—Type D
W8430—Type B	W8293—Type E
W8431—Type C	

Your Cost Each, 6c

Any Type..... 6c

Gear Fittings

Made of brass, accurately machined.



W8294—Type P5	Your Cost
W8425—Type G1	Any Type
W8426—Type G2	24c
W8427—Type G3	
W8428—Type P4	

Special Fittings

Order by Stock No. from illust.

W8295—Type P6	15c
W8296—Type CB2-L	
W8297—Type CB2-S	
W8298—Type CB1	each

Remote Roto-Cable and Housing

Finest quality cable for auto radio remote controls. Cable ends swaged—cannot unravel. Available in standard lengths, cable only or cable in steel housing. Write for special prices on long lengths. Wt. 1 lb. per foot.

Cable Only			Cable and Housing		
Stock No.	Stock Length	Your Cost	Stock No.	Stock Length	Your Cost
.130"	.150"		.130"	.150"	
W8299	W8433	18	W8304	W8437	18
W8300	W8434	24	W8305	W8438	24
W8301	W8302	30	W8306	W8307	30
W8303	W8435	36	W8308	W8439	36

We can supply cables complete with any two fittings shown, at an additional 35c in price. Specify stock numbers when ordering.

Special Cable for Majestic, Clarion, A. K., and Arvin Auto Sets

9-foot cable with 8-foot sheath. Exact duplicate.

W16078—Your Cost

94c

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TELEVISION!

Good news for all who are interested in modern, practical television Radio News, the popular short-wave publication, in its May 1937 issue, fully illustrates and describes an up-to-date television receiver in kit form. This outfit will prove a revelation in television image reception—just what you have been waiting for. And, as usual, **WHOLESALE RADIO SERVICE COMPANY, INC.** can supply every part necessary in the construction of the receiver. **WRITE TODAY FOR A FREE PARTS AND PRICE LIST** showing every component. You'll find the prices the lowest obtainable—the quality standard high—the service excellent.

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You are in Good Company... with a *Lafayette* **AUTO RADIO**

5 TUBE UNDER-DASH MOUNTING *Auto Radio*



\$15⁹⁵

FEATURES TONE CONTROL

Other features included in this automobile receiver are: a full-range tone control, 10-kilocycle selectivity, less than 5-ampere drain from the car or boat storage battery (at 6 volts), attractive dial calibrated in kilocycles and easy-grip knobs.

Model JA-1—Lafayette 5-tube auto radio complete with tubes, generator condenser, distributor suppressor and mounting and servicing instructions. Dimensions, 6½" wide, 11½" deep, 5" high. Shpg. wt. 20. lbs. Code VELBA. List Price \$31.90. **\$15.95**
YOUR COST COMPLETE

6 TUBE *Auto Radio*

**SINGLE UNIT MOUNTING UNDER
THE DASH OF ANY CAR**



\$19⁷⁵

Full-Range Tone Control

A variable tone control is on the front panel. Model JA-5—Lafayette 6-tube Automobile Radio complete with all tubes. With generator condenser, distributor suppressor and mounting and servicing instructions. Shpg. wt. 22 lbs. Code JOVAN. List \$39.50. **\$19.75**
YOUR COST

EXCELLENCE of performance, coupled with distinctive appearance and a real low price, makes this receiver an unusual buy. It is compact, easy to install, powerful, sensitive and selective—yet is offered at a price within the reach of every car owner and motor-boat owner.

Uses Five High-Gain Tubes

Five modern type tubes are used in the superhet circuit: a 6A7 detector and oscillator, 6D6 i.f. amplifier, 75 1st audio and 2nd detector, a 41 pentode power output tube and an 84 full-wave rectifier. The output (over 1 watt) is handled with fine fidelity by a dynamic speaker.

Noise Suppression Circuit

A built-in noise suppressor circuit makes the use of spark-plug suppressors unnecessary in all but the most difficult cases. Thus, installation is made much more simple, and quality of reproduction is enhanced.

Single Unit Construction

The entire receiver, including speaker, controls and tuning equipment, is housed in a single steel case finished in brown crackle lacquer. Dial is illuminated. Only antenna and battery connections need be made—the entire installation can be accomplished in a short time. The physical lay-out is such as to permit the replacing of tubes without the necessity of removing the chassis. A heavy cloth grille keeps dust from entering the speaker. The case is louvred for ample ventilation to insure against damage from overheating.



EIGHT-tube performance using only six tubes is featured in this 1937 Lafayette Auto Radio. It is housed in a single compact assembly which mounts under the dash of any car, and it can be installed in a few minutes with a minimum of tools and effort.

Automatic Volume Control

A sensitive superheterodyne circuit uses a 6A7, two 6D6's, a 6Q7, 41 pentode power output tube, a 6Z4-84 and a full-wave plug-in vibrator. Full use is made of a sensitive automatic volume control circuit which does much to overcome fading while driving by absorption areas.

Suppressorless Operation

A built-in noise suppressor circuit makes the need of suppressors needless except in exceptionally noisy cases. This feature adds economy, smoother car operation and greater appreciation of reception.

Dust-Proof Dynamic Speaker

Bad road conditions hold no dangers for this sturdily constructed receiver: the electro-dynamic speaker with which it is equipped is assured against dust inclusion by a heavy, dust-proof cloth grille.

The dial is of the full-vision, direct high-ratio vernier drive type, with no-glare illumination. Calibration is in frequency.

Single Unit Mounting

The entire assembly is mounted within a brown crackle-finished steel case measuring 11" long, 7½" wide, 5" high. Modern chrome trimmings add considerably to the overall appearance. All controls are on the front panel directly in front of the operator and within easy reach; control knobs are of the easy-grip type, and are designed to match.

ADDITIONAL SETS ON PAGES 1 to 12



Lafayette CUSTOM-BUILT

6 TUBE SUPERHET

THIS Lafayette Auto Radio is one of the finest receivers of its type available today. A consideration of its numerous outstanding features will convince the discriminating purchaser.

ADVANCED SUPERHETERODYNE CIRCUIT: Maximum practical sensitivity and selectivity are assured. The tube complement is: two 6K7's, 6J7, 6B7, 41 and a 6A6 dual output.

CLASS "B" OUTPUT: Provides an output of 6 watts at 63 volts—more than ample volume to overcome all driving noises.

UNIVERSAL ANTENNA CIRCUIT: A dual plug-in socket permits use of an under-car or top antenna, or a fish-pole antenna.

AUTOMATIC BASS COMPENSATION: Is used to assure excellent tone even when listening at reduced volume.

SENSITIVITY CONTROL: Enables two-point adjustment for quiet reception on locals or for full power on distant stations.

UNIVERSAL CONTROL: Remote airplane type control can be adapted to practically any make of car. Dials, mounting plates and knobs are supplied separately.

DUST-PROOF DYNAMIC SPEAKER: Is hermetically sealed. Pin jacks are provided if use of a second speaker is desired.

BUILT-IN FILTER CIRCUIT: Does away with spark-plug suppressors in all but the most severe noise conditions. Other features: tone control, automatic volume control, one-hole mounting. Finished in black wrinkle with chrome grille. Current consumption is 8 amperes at 6 volts. Wave range, 190 to 560 meters.

Model B-92—Lafayette 6-tube auto radio; with all tubes, generator condenser, distributor suppressor and remote control unit with shaft, but less control mounting kit. Size, 10½x7¾x6½". Shpg. wt. 26 lbs. Code WENCH. List \$59.00.

YOUR COST

\$29.50

\$29⁵⁰
Complete

Model B-92 is regularly furnished only with drive cables and control foundation. Mounting plates, dials and knobs are extra and can be supplied for practically any make of car for \$1.00 additional. When ordering these accessories be sure to specify the make and year of your car.

NEW "TAILOR-MADE"



PLYMOUTH



36

CHEVROLET

'35-'36



6 TUBE SUPERHET

THE Lafayette Model B-93 6-tube auto radio bears the same mark of excellence as the receiver described above, but is somewhat smaller for those who seek a lower priced unit; at this price it is an exceptional value.

ADVANCED SUPERHET CIRCUIT: Incorporates two 6D6's, 6C6, 41, 75, 84 and a plug-in vibrator.

UNIVERSAL ANTENNA CIRCUIT: The antenna coil and lead are so arranged as to be adaptable to the capacitances of all makes of car antennas.

BUILT-IN FILTER CIRCUIT: Normally, spark-plug suppressors are completely unnecessary.

DUST-PROOF DYNAMIC SPEAKER: Is hermetically sealed to guard against damage from dust. Pin jacks are provided for the use of a second speaker if desired.

DIODE AUTOMATIC VOLUME CONTROL: Eliminates fading and blasting, thus adding to the life of the tubes.

FULL-RANGE TONE CONTROL: Enables complete graduation of tone from low base to brilliant highs.

UNIVERSAL CONTROL: Its remote airplane type control is adaptable to practically every model of automobile. The drive cables and foundation control is furnished; dial, mounting plate and knobs are extra (see note below).

EASY INSTALLATION: The set mounts on the fire-wall by means of 3 heavy bolts. Battery lead has outside fuse. Everything is included in the one compact assembly.

Undistorted power output is 3 watts. Current consumption is 6 amperes at 6.3 volts. The wave-length covered is from 190 to 560 meters. Finished overall in green wrinkle with chromium-plated grille. Will fit in 1937 Ford cars.

Model B-93—Lafayette 6-tube radio; with all tubes, generator condenser, distributor suppressor and remote control foundation unit with shafts, but less dials, plate and knobs. Size, 8½x7 7/16x3 3/16". Shpg. wt. 24 lbs. Code BESAT. List Price \$47.90.

YOUR COST

\$23.95

\$23⁴⁵
Complete

Mounting accessories (dial, mounting plates, knobs and templates) are available for your car at an additional \$1.00. When ordering be sure you specify the make and year of the automobile; this is essential so that you may receive the proper fittings.

ADDITIONAL SETS ON PAGES 1 to 12

De Luxe AUTO RADIO SETS

7 TUBE SUPERHET Supressorless Operation

THE peer of all auto radio sets is now available to you at a price that is ordinarily paid for the average run of receivers. There is nothing finer in the field. Only the Lafayette DeLux Model D-37 offers console-type tone quality, and split-hair separation of stations and an even flow regardless of the type of road or street you are traveling.

7 WATTS UNDISTORTED OUTPUT: Are obtained from the 6N7G twin-triode power output tube. The other tubes are a 6K7, 6AB, 6K7G, 6Q7G, 6J5G, OZ4 rectifier.

AUTOMATIC VOLUME CONTROL-TONE CONTROL: Are two highly desirable features; fading and blasting is eliminated and tone quality is shaded to suit YOU.

DIRT-PROOF DYNAMIC SPEAKER: Gives you the superb tone you are seeking. Dust can not enter to cause trouble. Provision is made for use of external speaker such as is described below. Just plug in.

UNIVERSAL MOUNTING: Mounts on any make car—quickly and easily. Plays on any type aerial. A SENSITIVITY CONTROL adds to smoothness of reception.

Model D-37—Lafayette 7-tube DeLux auto radio superhet. With all tubes, generator condenser, distributor suppressor, drive cables, remote control foundation; less dial, mounting plate, knobs, Shpg. wt. 24 lbs. Size, 11 1/4" x 5 5/8" x 7 1/2". Code WEBRA. List Price \$61.90.

YOUR COST

Dash control mounting kit for any make car, add \$1.00
Specify year and make of car when ordering

\$30.95



Extra Dynamic Speaker

Enjoy your auto radio in the summer bungalow, at the water's edge, at the picnic grounds or any reasonable distance away from your car. Merely plug this cased dynamic speaker into the jacks provided on the set, run the cable out to its full 50 ft. (additional cable at 3 1/2¢ per foot), and tune in. Shpg. wt. 14 lbs. **\$6.95**



30⁹⁵
Complete

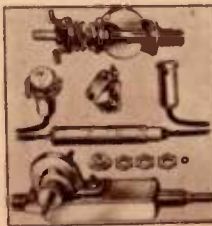
FORD '35-'36



grounds or any reasonable distance away from your car. Merely plug this cased dynamic speaker into the jacks provided on the set, run the cable out to its full 50 ft. (additional cable at 3 1/2¢ per foot), and tune in. Shpg. wt. 14 lbs. **\$6.95**

INSTRUMENT PANEL CONTROLS

Crowe REMOTE CONTROLS



Pair of 23 1/2" cables for standard Crowe controls. Fittings on one end only. (See other fittings on page 99.) Shpg. wt. 3 lbs.

W-9250—**\$1.15**
YOUR COST

Special 23 1/2" cables for 1937 Philco controls Fittings both ends. Wt. 3 lbs.

W-9251—**\$1.15**
YOUR COST



DeSOTO '37



CHEVROLET '36



FORD '37

Control Assemblies

For counter-clockwise condensers. Clockwise controls supplied on order only. All controls less switch (supplied with switch at additional 76¢).

No.	Ratio	Each
W-9252	6:1	\$2.06
W-9253	8:1	
W-9254	12:1	
W-9255	16:1	
W-9256*	16:1	

* For 1937 Philco (with switch).



FORD '34

MATCHED PANEL CONTROL KITS

Stock No. Car Model and Year
W-9257—Buick 40, 60, 1937
W-9258—Buick 80, 90, 1937
W-9259—Buick 1936
W-9260—Cadillac 1936 and 1937; La Salle 1936 and 1937

W-9261—Chevrolet 1937
W-9262—Chevrolet 1936
W-9263—Chevrolet 1935
W-9264—Chrysler Airstream 8, 1937
W-9265—Chrys. Royal '37
W-9266—Chrysler Airstream 6, 1936
W-9267—Chrysler Airstream 8, 1936

W-9268—DeSoto 1937
W-9269—DeSoto Airstream '36
W-9270—DeSoto Airstream DeLux, 1936
W-9271—DeSoto 1935
W-9272—Dodge 1937
W-9273—Dodge 1936

All panel control kits are supplied with knobs, and dials calibrated in kilocycles (for counter-clockwise condensers). Clockwise dials can be supplied on order, at no additional cost.

Stock No. Car Model and Year
W-9274—Lincoln Zephyr 1936; Ford 1935; Ford Stand. and DeLux early 1936
W-9275—Ford Standard late 1936
W-9276—Ford DeLux late 1936
W-9277—Ford DeLux 1937
W-9278—Ford Stand. 1937
W-9279—Ford 1934
W-9280—Terraplane 1936
W-9281—Lafayette 1937
W-9282—Lafayette 1936
W-9283—Nash 1937
W-9284—Nash 1936

Stock No. Car Model and Year
W-9285—Olds 1937
W-9286—Olds 1936
W-9287—Packard 115, 1937
W-9288—Packard 120, 1937
W-9289—Packard 120, 1936
W-9290—Packard 120, 1935
W-9291—Plymouth Del. '37
W-9292—Plymouth Del. '36
W-9293—Plymouth DeLux late 1935
W-9294—Pontiac 1937
W-9295—Pontiac 1936
W-9296—Pontiac 1935
W-9297—Stud. Pres. 1937
W-9298—Stud. Dict. 1937
W-9299—Stud. Dict. Business Coupe 1937
W-9300—Stud. Dict. 1936
W-9301—Universal Under-Dash Mtg. Kit

YOUR COST **\$1.75**
Any above Type



CHEVROLET '37



DeSOTO '36



DEPENDABLE • ECONOMICAL
Runs Five Hours on one Filling

Light and Power From YOUR Plant

Install Your Own Lighting System



Wire your own barn, house, summer bungalow, etc., for city lighting convenience using 6-volt storage batteries charged by a Rural Power Plant or Windcharger. Easily and quickly installed. A pull of a chain and you have eye-saving, soft illumination.

Complete wiring kit (B) contains: 100 ft. No. 8 weather-proof wire, 25 ft. drop cord, 6 pull-chain sockets, 6 porcelain cleats, 6 nail-it knobs, 2-6" porcelain tubes, porcelain entrance switch and fuse block, 2-30 ampere fuses, 4 oz. friction tape, 4 oz. rubber tape.

W-17240—**YOUR COST \$5.75**

Kit "A" contains 3-25 watt bulbs and 3-15 watt bulbs. Frosted type with standard Edison base. For 6-volt lighting. Ideal for trailers.

W-17241—**YOUR COST \$1.80**

City Convenience LOW COST POWER

RURAL-POWER Gas Driven Generators

These units are designed especially for economical operations for farms, summer bungalows, boats, trailers, etc., and are available for 6, 12 and 32-volt battery charging, as well as belt-driving appliances. The engine is rated at $\frac{3}{4}$ h.p., and is a 4-cycle, single-cylinder, "L" head, air-cooled type with suction carburetor. It features flyball type of governor and low-tension ignition.

A mounted ammeter indicates rate of charge. Model D is equipped with a push-button self-starter which operates from the battery; a special winding makes possible this convenient device. In addition, it is equipped also with a rope hand-starter for emergency. Model C is furnished with a rope hand-starter only. All units are equipped with built-in radio noise filters and exhaust silencers.

Both models have one-quart fuel tanks and will operate 5 hours at one filling at 150 watts. Overall dimensions are 16" long, 11" wide and 10" high. All units are furnished with generator cut-outs, battery leads and clips and complete instructions. It can be placed into operation within a few moments after it is unpacked.

W-17230—Model D; charges 6 and 12-volt storage batteries at 150-250 watts. With both push-button and hand-starter.
Shpg. wt. 70 lbs. **YOUR COST \$35.75**

W-17239—Model C; for charging 6-volt storage batteries; 150 watts. With rope hand-starter only. Wt. 70 lbs.
YOUR COST \$29.95

W-17232—For charging 32-volt storage batteries; 250 watts.
YOUR COST \$44.96

W-17233—For 32-volt lighting systems. Rated at 250 watts.
YOUR COST \$44.96



RURAL-POWER WINDCHARGER Controlled Power from the Wind—FREE! Charges ALL 6-Volt Batteries

Now you can do away with the inconvenience of run-down radio automobile, tractor and lighting batteries—as well as the cost of recharging them. The new, improved Rural-Power Windcharger charges up to 16 amperes using a new type of double-sealed ball-bearing generator which can be removed for inspection or repairs without disturbing any other part.

OPERATES IN 70-MILE WINDS

A new, patented tilt control permits operation in 70-mile winds and is automatic in operation. The angle of the propeller is in constant shift while in operation as the velocity of the wind varies. Electrical outlets are shielded from ice, sun and rain for positive action. Propeller edges are metal sheathed against hail, sleet, sand and snow.

Each unit is supplied with an instrument panel consisting of a cut-out and indicating ammeter, 6-foot steel tower for flat or gable roof, tail vane and complete instructions. Wt. 65 lbs.

W-17224 **YOUR COST COMPLETE \$19.75**



Charges up to 16 Amps.



Lafayette

\$20.85 WITH TUBES

Uses No "B" Batteries!

4 TUBE 6 VOLT Two Band Superhet

ENJOY city-quality reception on the farm, in your summer bungalow, on your boat or trailer. This Lafayette 6-volt, 2-band superheterodyne has ALL the features which make for perfect reception.

Automatic Volume Control

Four of the latest type tubes offer unusual sensitivity, selectivity and tone quality; they are a 1A6, 1A4, 6T7G and a 41 pentode power output. This tube feeds a GENUINE 6" PERMA-FLUX SPEAKER.

European Reception

The two bands cover 48 to 150 and 175 to 560 meters; these ranges cover American and European broadcast reception, police calls, amateurs and others.

No dry batteries whatsoever are used! All necessary power is obtained from a single 6-volt battery. The cabinet is of attractively finished hardwood; size, 15 $\frac{1}{8}$ " wide, 8 $\frac{7}{8}$ " high, 8" deep.

Model DA-14—Lafayette 4-tube, 6-volt, 2-band superheterodyne complete with all tubes. Code WEFAR. Shpg. wt. 22 lbs. List \$41.70.

YOUR COST \$20.85

Storage batteries are listed on page 69.

for the Farm!

ELECTRIC LIGHT & RADIO!

7 TUBE 6 VOLT 3 Band Superhet



Lafayette

**With Permanent Magnet
Dynamic Speaker**

THIS 1937 Lafayette 7-tube 6-volt receiver is designed especially for rural homes, summer bungalows, trailers, boats and wherever the lack of commercial power necessitates the use of energy from storage batteries. Tube-for-tube, it offers the same excellent performance that is obtained from alternating current receivers.

Has Built-In Power Pack

There is no expense or fuss with old-fashioned "B" batteries. A highly efficient integral power pack furnishes the high voltage for the tubes. There is only one battery used—and that is the 6-volt storage battery.

Covers 18 to 550 Meters

Practically complete coverage of the short-wave bands is had with three-band tuning: 18 to 52, 53 to 167 and 175 to 550 meters. These ranges cover European and American standard and short-wave broadcasts, amateurs, police calls, air-craft and numerous other commercial services that will prove a source of unfailing interest for many evenings.



An up-to-the-minute superheterodyne circuit uses a 1A6, a 30, 1A4, 6S7G, 6T7G, 6L5G and a 19 twin-triode power amplifier. The latter feeds into a genuine 6" Permanent-Magnet dynamic loud speaker which offers brilliant reproduction over the major portion of the audio spectrum, yet it consumes no energy.

Automatic Volume Control

Fading of distant stations and undesirable blasting when tuning from one local station to another are minimized with a new automatic volume control circuit which adds greatly to the pleasure of listening and distance-hunting.

Wide-Range Tone Control

A continuously variable tone control offers a choice of bass or treble emphasis to suit the personal taste of the listener. The cabinet is a thing of beauty, with simple modern lines, of attractively finished hardwoods with contrasting tones. Model DA-16—Lafayette 7-tube, 3-band, 6-volt superheterodyne mantel-type receiver, with all tubes. For 6-volt battery operation. Size, 18 3/4" wide, 9 3/4" high, 8 1/2" deep. Shpg. wt. 26 lbs. Code WEROT, List Price \$63.00.

\$31.50
YOUR COST

Suitable storage batteries are listed on page 69.

6 TUBE 6 VOLT 3 Band Superhet

FULLY the equal of a.c. operated models of similar classification, this Lafayette 6-tube superheterodyne has everything that can be desired in a receiver which is to be operated on a storage battery.

European Reception

Complete broadcast and short-wave coverage is provided by the three separate tuning bands: 18 to 51.8 meters, 53 to 166 meters and 174 to 560 meters. The desired band can instantly be selected by means of a conveniently located and color-coded switch on the front panel.

Has Tone Control

An advanced circuit, incorporating the latest developments, employs the following six tubes: a 1A6, 30, 1A4, 6T7G, 6L5G and a 19 twin-triode power output tube. This tube delivers approximately two watts—more than ample for the average home. Tone control is an additional feature.

P-M Dynamic Speaker

Sensitivity and selectivity are unusually fine—stations are brought in all over the dial, and even the closest can be separated. A Permanent Magnet dynamic speaker delivers theatre-like reproduction, and consumes no energy.

The new clock-type illuminated dial is calibrated in frequency for each band, and finished in soft gold tone to blend attractively with the walnut-toned background. The set uses no batteries other than the six-volt storage battery.



Lafayette

Our 6-volt receivers, in conjunction with the Wind-Charger described on the preceding page, will offer you innumerable hours of the world's finest entertainment at no other cost than the original.

Model DA-15 — Lafayette 6-tube, 3-band, 6-volt superheterodyne mantel-type receiver: with all tubes. For 6-volt operation. Size, 10 3/4" high, 18 1/2" wide, 8 1/2" deep. Shpg. wt. 26 lbs. Code WELFO. **\$25.85**
List \$51.70. YOUR COST

Suitable storage batteries are listed on page 69

\$25⁸⁵
WITH TUBES

Special Battery Sets For the Farm

Lafayette

**7-Tube
2-Volt Super**

DESIGNED especially for rural districts or wherever commercial power is not available. This powerful 3-band superheterodyne uses seven of the latest tubes: a 1A6, 19, 1A4, 1B5, two 30's and a 6E1.

Covers 18 to 560 Meters

Three separate tuning bands cover the short-wave and broadcast channels as follows: 18 to 51.8 meters, 53 to 166 meters and 174 to 560 meters; thus offering reception of European broadcasts, amateurs, police calls and other services.

Batteries used include three 45-volt "B", one 4 1/2 volt "C", and an Eveready "A" Pack. Battery drain is exceptionally low. Other features include: Latest Permanent Magnet Speaker, full-range tone control, new calibrated, gold-backed dial, band-selector switch and a beautiful walnut cabinet.

Model DA-28—Lafayette 7-tube, 3-band, 2-volt battery superhet, with tubes but less batteries. Size, 10 3/4" high, 18 1/2" wide, 8 1/2" deep. Shpg. wt. 26 lbs. Code WOENA.

List \$47.90

YOUR COST

Complete kit of Eveready batteries, including "A" pack. **YOUR COST** \$4.94

As above, but with Eveready Air-Cell instead of "A" pack. **YOUR COST** \$6.81

\$23.95



**A "Life-Saver"
For Batteries**



Lafayette

**5-TUBE, 2-VOLT
2-BAND SUPERHET**

THE outstanding value in battery receivers for 1937! **ALL BATTERIES ARE CONTAINED WITHIN THE CABINET**—no messy connecting wires or unsightly batteries outside the cabinet. Three 45-volt "B's" and an Eveready "A" Pack fit neatly within the cabinet.

Five of the latest high-gain tubes are used: a 1C6, 34, 1B5, 33 and a 5E1. Power is ample for all purposes and tone is excellent.

Tunes European Broadcasts

Two tuning bands are provided, covering American broadcasts from 174 to 560 meters, and the shortwave European broadcasts from 48.4 to 132 meters. These bands also bring in police calls, amateurs throughout the country and numerous other shortwave communications. The band switch is on the panel.

Model D-29—Lafayette 5-tube, 2-band, 2-volt battery superhet with all tubes but less batteries. Size, 18 3/4" wide, 10 1/2" high, 12" deep. Shpg. wt. 22 lbs.

List Price \$33.90.

Code WINAT.

YOUR COST

Complete kit of Eveready batteries for above, including "A" pack. **YOUR COST** \$4.40

\$16.95

Lafayette

**6-TUBE, 32-VOLT
BATTERYLESS SUPERHET**

**18-550 METERS
A.V.C. ACTION**

OWNERS of 32-volt power systems are now assured of radio performance equal to that obtained by those using commercial power.

The highly-developed superheterodyne circuit employs six of the latest high-gain tubes: a 6D6, 6A7, 75, two 48's and a 76. Power output is brilliantly handled by a 6 1/2" electro-dynamic speaker.

No batteries are used—the set is entirely electrically operated.

3 Tuning Bands

Complete coverage is afforded by the 3-band tuning range from 18 to 550 meters. This includes European stations, amateurs, aircraft, police calls and commercial ship and shore stations. A band selector switch is used to select the desired range and is controlled from the front panel.

5" Airplane Dial

A 5" illuminated airplane-type dial with a three-color scale, makes tuning a simple process. Each band is individually calibrated; the vernier ratio is 12:1; an unbreakable lens protects the dial from accidental damage. All knobs are toned to match the attractive veneers.

**DYNAMIC SPEAKER
TONE CONTROL**

The total energy drain from the power source is only 35 watts—the equivalent of 1.1 amperes—less than any other receiver of its type. A feature of this receiver is found in the wide-range tone control which permits continuous variation from low bass to brilliant treble to suit the personal taste of the listener.

Beautiful Cabinet

The graceful, modern-style cabinet is beautifully faced with figured butt walnut having a high polished finish. Contrasting grained hardwoods, combined with an attractive speaker grille, a bronze escutcheon and matched knobs blends into a perfect housing for this receiver.

We know of no other receiver that will offer as much day-in and day-out satisfaction for the 32-volt plant owner as the Lafayette model M-31 all-wave superheterodyne.

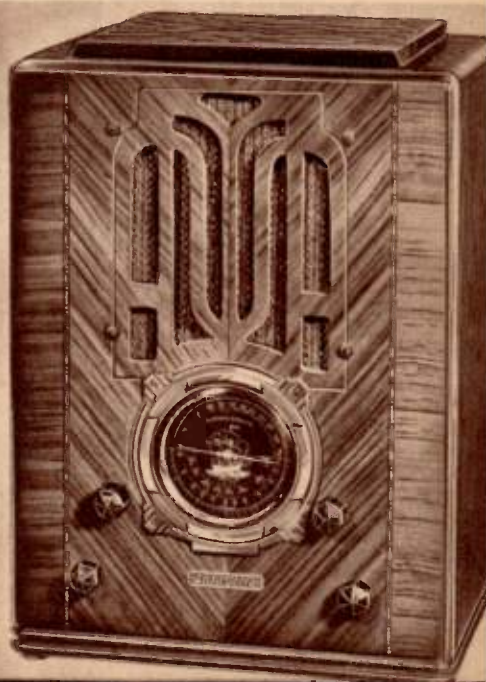
Model M-31—Lafayette 6-tube, 3-band, 32-volt batteryless superhet, with tubes. Size, 14 3/4" high, 11" wide, 8 1/4" deep. Wt. 21 lbs.

Code VIRBE.

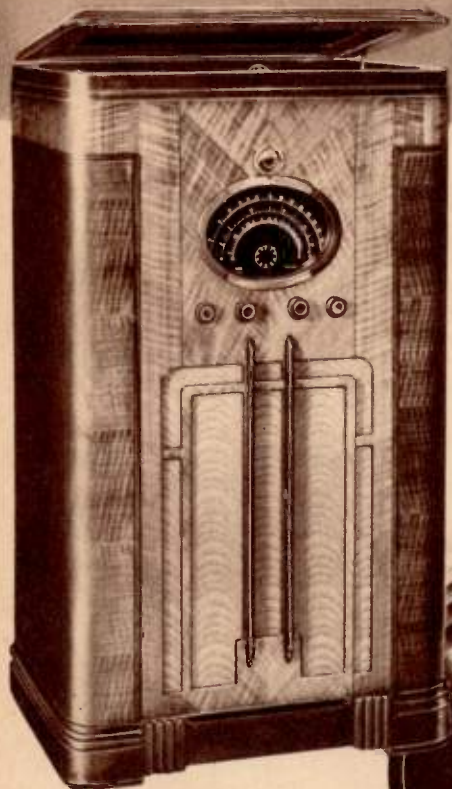
List \$46.90.

YOUR COST

\$23.45



Your Favorite Records SOUND BETTER ON THESE *Lafayette* PHONO-RADIO COMBINATIONS



**"Beam
Spot"
Tuning**
•
**Custom-
Built
Chassis**



**16.4 - 568 Meters - No Skips
12" Concert-Type Speaker
Uses Cathode Ray Tuning
Automatic Tone Expander**

HERE is dependable world-wide reception, radio or phonograph reproduction in tones that will hold you spellbound with their beauty and realism, and eye-arresting console beauty to grace the finest home—the choice of the musician.

Improved Superhet Circuit

An ultra-sensitive circuit employs eight modern tubes: three 6X7's as r.f. amplifier, converter and i.f. amplifier, a 6CS oscillator, 6Q7 audio amplifier and diode-a.v.c., 6F6 audio power amplifier, 6E5 tuning "eye" and 5Z4MG rectifier.

Offers All-Wave Reception

Three extended wave bands are covered: 16.4 to 52.2, 51.8 to 175 and 175 to 568 meters. This embraces foreign and American standard and short-wave broadcasts, police, amateur, aircraft and other commercial short-wave services.

Two-Speed Phonograph Motor

The phonograph portion of the combination incorporates a two-speed (33 1/3 and 78 r.p.m.), Green Flyer a.c. motor which mounts a turntable capable of handling up to 12" recordings. The pick-up is of the high-fidelity type and affords record reproduction with studio-like faithfulness.

Other technical features include a manual tone control in addition to the automatic tone control circuits.

The cabinet is of matched walnut veneers, fronted with an attractive figured grille; dimensions, 41" high, 23 3/4" by 15 1/2". Model B-83—Lafayette 8-tube, 3-band radio-phonograph combination, complete with all tubes. For 95/130 volts, 50/60 cycle a.c. bpg. wt. 93 lbs.

List Price \$159.90.

Code WINNA.

YOUR COST

\$79.95

Add \$3.00 to above price for 220-volt a.c. operation.

**TWO 12" Dynamic Speakers
13 Latest Type Tubes
Automatic Tone Expander
"Beam" Power Output Tubes**

LAFAYETTE presents this 13-tube, all-wave superhet phonograph-radio combination as one of the finest instruments of its kind available to the lover of fine music.

Twenty Watts Undistorted Output

Its ability to reproduce every type of phonograph recording with theatre-like beauty and fidelity, and its comparatively large power output makes it the ideal low-cost instrument for church dances, small dance-halls, restaurants, etc. As for the home, no finer instrument could be purchased.

Includes a Superb Radio

It includes a custom-built, 13-tube, all-wave superheterodyne (fully described on page 9), which offers CONTINUOUS tuning from 16.4-568 meters, and numerous other features.

Model B99 is equipped with a two-speed (33 1/3 and 78 r.p.m.), Green Flyer motor and turntable. A high-fidelity pick-up takes up to 12" records. Model B79 employs a Capehart automatic record changer which plays ten 10" or 12" records continuously without attention. Size, 48 1/4" high, 28 1/4" wide, 18" deep.

Model B-99—Lafayette 13-tube, all-wave radio-phonograph combination complete with all tubes and Green Flyer motor. For 95/130 volts, 50/60 cycles a.c. Shpg. wt. 225 lbs.

List Price \$255.00.

Code WAHRO.

YOUR COST

\$127.50

With Capehart Changer

Model B-79—As above, but with Capehart Automatic Record Changer. Code WISTA. Shpg. wt. 250 lbs. List \$339.00.

YOUR COST

\$169.50

Either above models for 220-volt a.c. operation, add \$5.00.

If desired with Teledial, add \$12.00 to above prices.

Modern HOUSEHOLD APPLIANCES



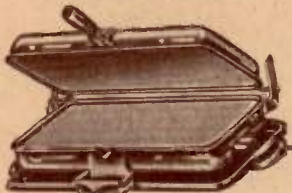
A-C-MATIC IRON

110-V.
A.C.
Only



Fully automatic 6 lb. iron, with complete range of ironing heats. Provides even ironing temperature for all types of material. Features: button saving nooks, heel stand, thumb rest and the famous Calrod long life element. Finished in chrome-plate. For 110 volts a.c. only. Consumption, 660 watts.
W25043—
Your Cost..... **\$3.90**

NEW GRILLETTE SANDWICH TOASTER



Will toast 2 sandwiches at a time, fry eggs, grill bacon, etc. Grill surface 10x5 1/4". With grease cup so that no drippings can stain tableware. All nickel-plate finish with black base and "cool-grip" handle. Guaranteed. For 110 volts, a.c., or d.c. Shpg. wt. 5 lbs.
W25064—Less cord. **98c**
Your Cost Each.....

ELECTROMIX

SUITABLE FOR ALL DRINKS



A most inexpensive but exceedingly useful device. Designed as a combination mixer and whipper in one unit. Can be used anywhere because of its portability. Detachable stainless beater cleans instantly and easily. The glass container is of modern design and holds more than one pint. Motor operates on 110 volts, 60 cycles a.c. only. Equipped with an ample-grip handle through which passes the approved cord and plug. Shipping weight 6 lbs.
W25055—
Your Cost..... **\$1.10**

THE IRWIN 16 MM. MOVIE CAMERA A REAL MOVIE CAMERA FOR ONLY \$9.95!

Up to 50 Feet of Film

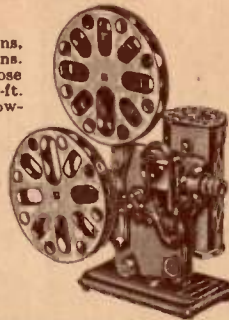


A real photographic instrument that permits anyone to take perfect movies for home projection. Features optical spyglass finder for exact focusing of objects to be photographed—quiet, graphite-packed motor with rustproof brass frame and gears—film magazine for loading in bright daylight in a few seconds—black satin compact case. Film is sent to Irwin Company for development; charge is only 30c. Takes standard 16 mm. size film.
W25173—Less film **\$9.95**
Your Cost.....
W25174—Attractive carrying case for above. **89c**
Your Cost.....
W25175—Magazine of 60 feet of fireproof, safety film. **\$1.60**
Your Cost.....

THE IRWIN 16 MM. PROFESSIONAL-AMATEUR MOVIE PROJECTOR FOR THE HOME

For 110 Volts A.C. Only

Show your own movies at home, functions, church parties or business demonstrations. Projects all 16 mm. films including those taken with the above camera. 400-ft. capacity (15-minute show); no flicker; powerful, pre-focused lamp; precision lens; separate switches for motor and lamp; fan-type shutter; tilting device for proper screening; device for quick framing; cool-type, double construction for lamp house; smooth, quiet, dependable, electric motor driven operation; speed control on motor; operates from 110-volt, 60-cycle a.c.; furnished with approved cord and plug. Shpg. wt. 10 lbs.
W25176—With one reel. **\$9.95**
Your Cost.....



"Dolly Madison" Electric Ice Cream Freezer

There's nothing like it at the price. A modern time and labor saver. Beautiful in appearance; attractive cream color finish; silver-like cadmium hardware and main frame; compact motor centered on tub is of direct drive type with gears running in grease and operates from any a.c. outlet which provides 105/115 volts, 50/60 cycles. Employs a unique combination handle and lock. Extremely simple to clean. 13 1/4" high, 10" overall diameter. With 6 1/2 ft. rubber-covered cable and plug. The tube is sturdily constructed of 3/4" wood stock and is wire-bound for added strength.
W25177—2-quart capacity. Shpg. wt. 15 lbs. **\$6.95**
Your Cost.....



TIDY CLEANER Model AV-20



Midget cleaner weighs only 4 1/2 lbs. With attachment reaches from floor to ceiling. Fixed brush loosens surface dirt. With glass deodorizer and insect repeller, and a can of dichloride crystals. Sealed-in motor (for 105/125 volts a.c. or d.c.), requires no oiling. With 15 ft. cord and plug. Shipping weight 9 lbs.
W25038—
Your Cost..... **\$13.45**



Vacuum Cleaner Model AV-1

Revolving Brush
—
18-Ft. Approved Cord



G.E.'s latest and finest. It incorporates every feature you have found lacking in other cleaners—and then some. Rubber wheels will not mar your floors. G.E. trouble-free motor is sealed-in—needs no oiling and operates on either a.c. or d.c. Just plug it into any 110 volt socket. Has seven bladed fan that creates a powerful suction—gets all the dirt. Tufted horsehair revolving brush. New type dust bag. Body motor case and cap of lightweight aluminum. Rubber bumpers on front and sides.

Furnished with 18-foot rubber covered cord and unbreakable plug. Size: 42" high, 14" wide, 12" deep. Guaranteed for 1-year. Finish: polished aluminum with blue dust-bag. Shipping weight, 20 lbs.
W25039—
Your Cost..... **\$21.95**

"DETECTO" SCALES



Up to
300
Pounds

Designed especially for the smart bathroom and will blend pleasantly with any color-scheme or fittings. Created in the modern manner this scale is almost a necessity in the modern home. Arranged so that a floating rack brings the dial to a quick stop. Ivory enamel finish with black mat. Shpg. wt. 10 lbs.
W25011—
Your Cost..... **\$2.65**



"HOTPOINT" PORTABLE MIXER

This new mixer is furnished with the latest juice extractor—it extracts all the fruit juice—strained—in one-third the time at the touch of a finger. In addition it mixes, beats, whips and stirs. May be used on its base or removed from it for use at the stove, sink or elsewhere. A 3-speed switch is placed close to the handle. Motor and base finished in stain-proof cream enamel with chrome trim. With mixer, mixer base, double beater, new juice extractor, large and small sure-grip Glasbake bowls and hard rubber spatula.
W25029—Your Cost..... **\$16.45**



Additional Accessories for the Above.

No.	Description	Each	No.	Description	Each
W25030	Reduction Unit	\$3.35	W25034*	Shredder	\$2.95
W25031*	Food Chopper	1.30	W25035	Drink Mixer	1.69
W25032	Knife Sharpener	.55	W25036*	Ice Crusher	1.49
W25033	Grater	.55	W25037	Pea Sheller	1.49

*Means accessory requires the use of speed reduction unit.

GILBERT Model B112 Hand Vacuum Cleaner



For thorough cleaning of auto upholstery, draperies, stair carpets, clothing and dozens of other things that require a small cleaner. Light enough to use in one hand, it sucks dirt, dust and lint out of hard-to-get-at corners. Equipped with fully guaranteed Gilbert Universal motor—operates on 110 volts a.c. (25-60 cycles), or d.c. Black vacuum bag with motor in chrome and nozzle finished in aluminum. Cannot mar furniture. Size, 6 1/4 x 5 1/4 x 18 1/4".
W25134—Your Cost..... **\$5.95**

Modern HOUSEHOLD APPLIANCES

Toastmaster De Luxe Hospitality Tray



With
Four
Individual
"Lap
Trays"

A new deluxe combination that is unequalled for beauty and at the same time is completely practical. Built around the newly designed, fully automatic Toastmaster 2-slice toaster. It pops up finished toast to any desired degree of brownness desired—it needs no watching. Bright chrome plate metal parts with modernistic etched design. Base, handles and other molded parts are dark brown Bakelite. Permanently attached cord and plug. With the toaster there is the large walnut serving tray; four individual "lap trays;" two graceful little appetizer dishes, in the new china vogue. Toastmaster knife and cutting board. Overall dimensions, with toaster: height 7 $\frac{1}{4}$ ", width 16", length 26 $\frac{1}{4}$ ". Shpg. wt. 17 $\frac{1}{2}$ lbs.

W25074—DeLuxe Toastmaster Hospitality Tray with toaster, dishes, 4-individual trays and serving tray. Your Cost \$17.60

STANDARD HOSPITALITY TRAY

Similar to the above, but with glass relish dishes and without the four individual serving trays. Shpg. wt. 12 lbs.

W25075—Your Cost \$14.75

Two-Slice Toastmaster Toaster only. Shpg. wt. 7 lbs. \$11.95

W25076—Your Cost \$11.95

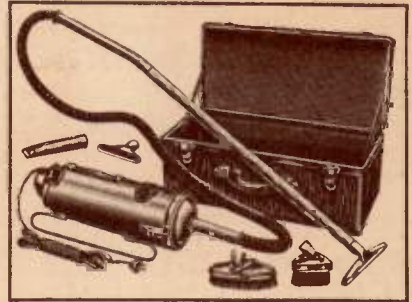
FOLDING WALNUT SERVING STAND

Fits both standard and deluxe models. Solid walnut, folding type. Simplifies serving. Shpg. wt. 11 lbs.

W25077—Your Cost \$3.75

"RED LION" CYLINDER-TYPE VACUUM CLEANERS

Guaranteed
For 1 Year
—
Heavy-Duty
SILENCED
Motor
Sealed In
Oil



The vacuum cleaner you have always wanted is now available to you with 1937 improvements—SILENCED and increased suction, (40 lbs. water lift)—at half the usual price! Why carry a heavy cleaner around with you. This type merely slides along with you. It covers every cleaning need from hard-to-get-at corners to ceiling moldings. Its attachments cover every need—walls, upholstery, floors, rugs, mattresses, deodorizing and moth-proofing. The powerful motor is SILENCED, sealed in oil and operates on 110 volts a.c. or d.c.—it requires no attention. Fittings include two long wands, small oval brush, small dust brush, large crevice nozzle, large rug nozzle and extra-long cord and plug. The barrel is finished in beautiful mottled lacquer—will not chip or crack. All metal parts are handsomely chrome plated. Furnished with a leatherette case for convenient storage; size, 21 $\frac{1}{2}$ x6 $\frac{1}{2}$ ". Consumes 250 watts. List Price \$69.50

W25139—Model SW-8. Shpg. wt. 30 lbs. \$39.95

Your Cost Complete \$39.95

STANDARD MODEL CV-2

Similar to above, but smaller, semi-silenced motor with 34-lb. lift. All metal parts nickel-plated. Case size, 20x6". Consumes 250 watts. List Price \$49.50. Shpg. wt. 20 lbs.

W25138—Model CV-2—Your Cost Complete \$29.95



"HOSTESS" CLOCK

Operates
on
110 Volts
60-Cycle
A. C.
Only



A new wall-type kitchen clock that fulfills the two major requirements for kitchen duty: accurate time keeping and beauty of appearance. Has a 7 $\frac{1}{2}$ " dial and is 2" deep. Case is of Beetleware and is available in ivory or green. Nicer (similar to chromium) trimmings. Full sweep second hand; ivory dial. Sealed in synchronous motor.

**W25003—Green
W25004—Ivory
Your Cost Each \$3.95**

G.E. "HERALDER" ELECTRIC ALARM CLOCK



This unusually attractive clock incorporates a 12-hour alarm mechanism with a pleasing note. Contains a self-starting synchronous motor, sealed in oil—requires no attention. In gleaming black Textolite case with ivory dial, black hands and gold sweep second hand; drum rests on two gold-finished tubular metal feet. For 110 volts, 60-cycle a.c. only. 4 $\frac{1}{4}$ x4 $\frac{1}{2}$ x2 $\frac{1}{2}$ ".

W25007—Your Cost \$3.75

WHITE CROSS COFFEE MAKER SET

New, efficient, beautiful—for the lover of good coffee. Bowls of new formula, heat-proof glass, attractively banded in platinum. Lower bowl has Bakelite, easy-grip pouring handle, furnished with decanter cover for easy pouring. Stove finished in chrome plate with Bakelite side handles. Tray is hand decorated, chrome plated. Cord furnished. Uses 600 watts.

W25051—6-cup coffee maker and tray combination. Model 447BTS. Shpg. wt. 8 lbs. List Price \$6.55.

Your Cost \$4.45

W25052—6-cup coffee maker, less tray. Your Cost \$3.45

W25053—8-cup coffee maker and tray combination. Model 448BTS. Shpg. wt. 8 lbs. Your Cost Complete \$4.95

W25054—8-cup coffee maker, less tray. Your Cost \$3.95



SLIP-IN, ELECTRIC VENTILATING FAN



A sturdy 8" fan mounted in an attractive metal frame. With two adjustable louvers for bad weather. Wire guard protects blades. Mounts like a screen or can be permanently installed. Length adjustable from 24" to 32". With 6-ft. cord and plug. For 110 volts, 60-cycle a.c. only. Shpg. wt. 10 lbs.

W18159—Your Cost \$2.75

DUOCHIME ELECTRIC DOOR SIGNAL

This new chime strikes a mellow harmonic note, easy on the nerves. No special wiring is necessary. Merely substitute for the existing bell or buzzer without adding any additional wiring or apparatus. Used where 2 signals are needed, as for front and rear doors. Has two distinctive notes. In ivory enamel. With full instructions. **W25093—Your Cost \$3.96**



The New Clipshave Electric Razor



Do away with the cost and mess of brush, lather, water, lotions and blades. Shave at your desk, if you wish. Absolutely safe—cannot nick, cut, scrape or smart. Can not hurt the tenderest skin even when there are moles or other protrusions present. Ideal for women as well as men. Operates on 110 volts a.c. or d.c.

W25107—Your Cost \$7.50

TOBE Electric Razor Radio Noise Filter

Don't annoy your neighbors and family when shaving. **W12615—Your Cost \$9.00**

Genuine ROLLS Razor Lasts a Life-Time



The Rolls Razor has been world-famous for many years. This unusual razor uses the finest Sheffield tool steel and is hollow-ground just like the barber's straight razor—but has the added features of safety and convenience. Has self-contained hone and strap; a few strokes on the mechanical stroker, then a stropping and the blade is perfect. Lasts a lifetime. The first cost is the last. Contained in nickle-plated compact case, ideal for home or travel. Wt. 2 lbs. **W18150—No. 2 Rolls Your Cost \$6.65**

MOLDED NITE LAMP

An ideal night light. All molded construction. Black base, ivory shade. With 7 watt, G.E. bulb. Has "on-off" switch and 4-foot silk cord and plug. Operates on 110 volts a.c. or d.c. 6 $\frac{1}{2}$ " high, 4" diam. Shade.

W25117—Your Cost Complete \$9.00



→ PLEASE READ THIS PAGE CAREFULLY BEFORE ORDERING ← WHOLESALE RADIO SERVICE CO., INC.

"The World's Largest Radio Supply House"

Mail Your Orders to Warehouses at:

NEW YORK, N. Y.

100 Sixth Ave. Phone: WA 1ker 5-8883

CHICAGO, ILL.

901 W. Jackson Blvd. Phone: Haymarket 0422

ATLANTA, GA.

430 W. Peachtree St. Phone: Walnut 5140

Local Sales and Display Rooms at:

NEWARK, N. J.

219 Central Ave. Phone: Market 2-1661

BRONX, N. Y.

542 E. Fordham Road Phone: RA ymond 9-8813

JAMAICA, L. I.

90-08 166th St. (Merrick Rd.) Phone: RE public 9-4242

HOW TO ORDER—Use our convenient order blank. Please write legibly; not more than ONE item to a line. Make sure you write the exact stock number and that the price is the one quoted for item that you want. Specify how we shall make shipment. Check the preferred square: "Express", "Parcel Post", "Freight", "Boat", or "Best Way". We shall follow your instructions. If these are inadequate, we will change them if we feel that such a change is to your better interest. Merchandise may be shipped by express if you specify this on your order. **Radio sets should be ordered shipped by express or if quantity warrants, by freight.**

DOMESTIC—Wholesale Radio Service Company, Inc. buys for cash and sells for cash. That explains our low-price policy. We cannot afford to carry credit accounts and we pass on to our customers the savings effected by the elimination of costly bookkeeping departments. We ship C.O.D. if desired, providing a deposit of 20% accompanies your order. C.O.D. parcels may be shipped ONLY to all parts of the United States and its territorial possessions. Orders generally cannot be sent C.O.D. in care of banks, as most banks refuse to handle such shipments. On small orders, remittance in full plus transportation costs saves you extra collection costs.

TRANSPORTATION ALLOWANCE—

On all radio orders (excluding sets) for \$25.00 or more, deduct 2% from the total as a transportation allowance, except on Lafayette and National Co. products. Foreign orders excepted.

Zone Numbers	1	2	3	4	5	6	7	8
Distance in Miles from Shipping Point	Up to 150 mi.	Not over 150 mi.	150 to 300 mi.	300 to 600 mi.	600 to 1000 mi.	1000 to 1400 mi.	1400 to 1800 mi.	Over 1800 mi.
Cost for 8 oz. to 1 lb.	8c	8c	9c	10c	11c	12c	14c	15c
Cost for Each Additional lb. or Fraction	1.1c	1.1c	2c	3.5c	5.3c	7c	9c	11c

RATES SUBJECT TO CHANGE BY U. S. POSTAL AUTHORITIES

FOREIGN—Orders from foreign countries receive careful attention. They are carefully packed and shipped to ensure very prompt and satisfactory delivery.

Our terms on ALL foreign sales are as follows: Payment in New York by letter of credit against documents, or 50% deposit WITH ORDER, balance sight draft against bill of lading. These conditions will not apply to certain countries where rigid exchange control conditions exist. In countries where rigid exchange control exists, merchandise plus transportation charges must be paid for in full in New York before shipment can be made. All quotations F.O.B. 100 Sixth Avenue, New York, with slight additional charge for export packing. **ORDERS UP TO \$25.00 PAYABLE IN FULL IN ADVANCE, PLUS SHIPPING CHARGES.** Remittance by draft on New York bank in U. S. currency. We do not recommend that you send us foreign checks, as shipment will be delayed until cleared. **Cable address "Wholrad", New York.**

The average Parcel Post rate on foreign shipments is 14c per pound. Insurance rate averages 1 1/4% of the order's value, with a minimum rate of 25 cents.

Our catalog prices are F.O.B. warehouse, packed for domestic shipment. For special export packing and delivery to pier, there is a slight additional charge covering our extra costs. There is no extra packing charge for shipments to points outside the United States which can be forwarded packed as for domestic shipment.

FINAL PRICES—shown in this catalog are net, F.O.B. our warehouse. All discounts have been deducted, including 2% discount for cash. **Prices are subject to change without notice.** We give customers the benefit of all reductions taking place after catalog is printed.

SENDING MONEY—The safest and best way to send money is by postal express or telegraph money order, bank drafts or firm checks. Do not send cash. If absolutely necessary to remit cash, send by registered mail only. Do not hesitate to include sufficient postage or other carrying charges. Overpayments are promptly refunded. Insufficient postage often delays shipments needlessly.

RETURNING MERCHANDISE—If you find it necessary to return any merchandise for adjustment, please write in advance stating full details. We will immediately forward the necessary shipping instructions. Your cooperation in this respect will be appreciated and will help us to give you better service. When returning merchandise, pack carefully, insure, and write your name and address on all packages and letters before returning to us.

POSTAGE CHARGES—are based on weight of parcel and distance from shipper's city to your address. The rates are determined by zones. Each zone comprises a certain mileage radius from the point of shipment. You can easily estimate the postage costs from our nearest warehouse to your town from the following chart. If in doubt about the zone you are in, as regards our nearest warehouse, consult your local postmaster. Total weight of your shipment can be estimated by adding weights of individual articles as given in catalog and then adding approximately 2 lbs. for packing. Parcel post packages must be shipped prepaid. **Please be sure to include postage with your remittance.** All items are F.O.B. point of shipment.

PARCEL POST RATES—Parcels up to 8 oz. may be shipped anywhere in U.S.A. for 6c. **RATES FOR PARCELS OVER 8 OZ.** AS FOLLOWS: Parcel post shipments to all zones must not exceed 70 pounds. The limit of size on all parcel post packages is one hundred inches in length and girth at widest point combined. Example: a package 35 inches long, 10 inches wide and 5 inches high, measures 65 inches in length and girth combined. (Length 35 inches, plus twice 10 inches width, plus twice 5 inches height, equals 65 inches.)

INSURANCE—All parcel post packages are covered against damage or loss. Insurance costs and postage should be added to the amount sent. Charges are as follows: When value of parcel is up to \$5.00 the extra charge is 5c; \$5.00 to \$25.00 the extra charge is 10c; \$25.00 to \$50.00 the extra charge is 15c; \$50.00 to \$100.00 the extra charge is 25c. After \$100.00 value the charge for each \$50.00 additional is 5c extra. If you are doubtful as to the correct amount do not hesitate to send us sufficient postage. **WE GUARANTEE to refund any excess.**

C.O.D. SHIPMENTS—Transportation charges on C.O.D. parcels are slightly higher than those fully prepaid. C.O.D. charges in addition to the regular postage costs outlined are as follows, including insurance: When value of parcel is up to \$5.00 the extra charge is 15c; \$5.00 to \$25.00 the extra charge is 17c; \$25.00 to \$50.00 the extra charge is 22c; \$50.00 to \$100.00 the extra charge is 32c; \$100.00 to \$150.00 the extra charge is 40c; \$150.00 to \$200.00 the extra charge is 45c. For each \$50.00 value above \$200.00 the charge is 5c. more (including insurance). Post Office also charges an extra small money order fee on each C.O.D. parcel. **You can save these fees by remitting in full.**

EXPRESS & FREIGHT SHIPMENTS are sent transportation charges collect. If your station has no agent, please send sufficient money to cover transportation. Charges are the same either way. All over-payments are promptly refunded. Rates vary with the shipping point.

Save Time and Money

Do Not Split Your Order

If you are in need of any merchandise which you cannot find in our catalog, write telling us your requirements. Our special order department will make every effort to supply your needs, at lowest wholesale prices. We have on hand at all times the world's largest stock of radio parts and equipment.

Mail Your Orders to New York, Chicago or Atlanta

Completely stocked warehouses in New York, Chicago and Atlanta assure you immediate delivery regardless of your location. Visit our beautiful display rooms in New York, Bronx, Jamaica, L. I., Chicago, Newark and Atlanta. You will find trained technicians always ready to help solve your problems.



J. E. SMITH, President
National Radio Institute, Established 1914

The man who has directed the home study training of more men for the Radio Industry than any other man in America.

HERE'S PROOF THAT MY TRAINING PAYS

EARNED \$50 FIRST MONTH IN SPARE TIME



"I knew nothing about Radio. After four lessons I began servicing Radios, earning \$50 the first month. Last winter I made as high as \$100 a month in spare time."—G. F. WALTON, 808 West Olney Road, Norfolk, Va.

OWN BUSINESS PAYS \$300 A MONTH

"I now have my own Radio business which shows three hundred dollars a month profit—thanks again to National Radio."—FRANK T. REESE, 49 N. Felton St., Philadelphia, Penna.



CHIEF OPERATOR BROADCASTING STATION



"When I completed 20 lessons, I obtained my Radio Broadcast Operator's license and immediately joined Station WMPC, where I am now Chief Operator."—HOLLIS F. HAYES, 85 Madison St., Lapeer, Mich.

MAKES \$50 TO \$80 A WEEK

"I am making between \$50 and \$80 a week after all expenses are paid, and I am getting all the Radio work I can take care of, thanks to N. R. I."—H. W. SPANGLER, 126 1/2 S. Gay, Knoxville, Tenn.



Get My LESSON on Radio Servicing Tips—FREE

I'll prove that my Training gives practical money-making information, that it is easy to understand—that it is just what you need to master Radio. My sample lesson text, "Radio Receiver Troubles—Their Cause and Remedy" covers a long list of Radio receiver troubles in A.C., D.C., battery, universal, auto. T. R. F., superheterodyne, all-wave, and other types of sets. And a cross reference system gives you the probable cause and a quick way to locate and remedy these set troubles. A special section is devoted to receiver check-up, alignment, balancing, neutralizing and testing. Get this lesson free. No obligation.



**MAIL
COUPON
NOW!**

**The Tested WAY
to BETTER PAY**

I WILL TRAIN YOU TO START A SPARE TIME OR FULL TIME RADIO SERVICE BUSINESS WITHOUT CAPITAL

Do you want to make more money? The world-wide use of Radio has made many opportunities for you to have a spare time or full time Radio service business of your own. Three out of every four homes in the United States have Radio sets which regularly require repairs, servicing, new tubes, etc. Many sets are old and will soon be replaced by new models. I will train you at home in your spare time to sell, install, service, all types of Radio sets—to start your own Radio business and build it up on money you make in your spare time while learning. Mail coupon for my 64-page book. It's Free—it shows what I have done for others.

Many Make \$5, \$10, \$15 a Week Extra In Spare Time While Learning

Practically every neighborhood needs a good spare time serviceman. The day you enroll I start sending you Extra Money Job Sheets. They show you how to do Radio repair jobs that you can cash in on quickly. Throughout your training I send you plans and ideas that have made good spare time money—from \$200 to \$500 a year—for hundreds of fellows. My Training is famous as "the Course that pays for itself."

There's a Real Future in Radio and Television for Trained Men

Radio already gives jobs to more than 300,000 people. In 1936 8,000,000 receiving sets were sold. Set sales increased 32%—tube sales 28% over 1935. There are over 28,000,000 Radio sets in operation on which approximately \$68,000,000 are spent each year for repairs, servicing, tubes, etc. Every year millions of these sets go out of date and are replaced with newer models, creating money-making opportunities for trained men. Over 140 factories build sets. Over 3,000 make parts for sets. Television sets may add to these many opportunities soon. The Radio industry is new, still growing fast! A few hundred \$30, \$50, \$75-a-week jobs have grown into the thousands in less than twenty years.

Get Ready Now for Your Own Radio Business and for Jobs Like These

Radio broadcasting stations employ engineers, operators, station managers and pay up to \$5,000 a year. Spare time Radio set servicing pays as much as \$200 to \$600 a year—full time jobs with Radio jobbers, manufacturers and dealers, as much as \$30, \$50, \$75 a week. Many Radio Experts own and operate their own full time or part time Radio sales and service businesses. Radio manufacturers and jobbers em-

ploy testers, inspectors, foremen, engineers, servicemen, paying up to \$6,000 a year. Radio operators on ships get good pay and see the world besides. Automobile, police, aviation, commercial Radio, and loud speaker systems are newer fields offering good opportunities now and for the future. TELEVISION promises to open many good jobs soon. Men I have trained are holding good jobs in these branches of Radio. Read their statements in my 64-page book. Mail the coupon.

I Send You Special Radio Equipment To Give You Practical Experience

My Course is not all book training. I send you special Radio equipment and show you how to conduct experiments and build circuits which illustrate important principles used in modern Radio receivers, broadcast stations and loud speaker installations. I show you how to build testing apparatus for use in spare time work from this equipment. You work out with your hands the things you read in the lesson books. My Free Book tells you about this 50-50 method of training—how it makes learning at home interesting, quick, fascinating, practical. Mail coupon.

Save Money—Learn At Home Money Back Agreement Protects You

I am so sure that I can train you at home successfully that I agree in writing to refund every penny you pay me if you are not satisfied with my Lessons and Instruction Service when you finish my Course. I'll send you a copy of this agreement with my Book.

Find Out What Radio and Television Offer You. Get My 64 Page Book Free Now

Act Today. Mail the coupon now for my Free Lesson and my book, "Rich Rewards in Radio." Both are free to anyone over 16 years old. My book describes Radio's spare time and full time opportunities and those coming in Television; tells about my Training in Radio and Television; shows you actual letters from men I have trained, telling what they are doing and earning. Find out what Radio offers YOU! MAIL THE COUPON in an envelope, or paste it on a penny post card—NOW!

J. E. Smith, President
National Radio Institute,
Dept. 7DF3
Washington, D. C.



GOOD FOR BOTH 64 PAGE BOOK SAMPLE LESSON FREE

J. E. Smith, President, Dept. 7DF3
National Radio Institute, Washington, D. C.

Dear Mr. Smith: Without obligation, send me the Sample Lesson and your free book about the spare time and full time Radio opportunities, and how I can train for them at home in spare time. (Please write plainly.)

Name.....Age.....

Address.....

City.....State.....

14x1



Lafayette 5 TUBE AC-DC Compact PORTABLE Superhet

SPRING is here—and with it thoughts of the open road, the quiet pond and moonlit nights. Leave the city if you wish. (and you probably will), but take with you its finest entertainers and orchestras—its merry-making madcaps—its up-to-the-minute news services.

A Handsome Piece of Luggage

No matter where you go the Lafayette AC-DC Compact Portable will keep you entertained. Plug it into any 110-volt socket and tune in; no aerial is required. It offers no problem in transit; measuring only $7\frac{3}{4} \times 10 \times 7\frac{1}{4}$ " it is much smaller than m'lady's overnight bag, and, if we must say so, quite lighter in weight. It is available in black, alligator and tan to match your other luggage.

Full-Size Dynamic Speaker

Its highly-efficient superhet circuit uses a 6A7, 6D6, 6C6, 43 and a 25Z5. Band coverage is from 175 to 555 meters. Has a built-in aerial, multi-colored illuminated dial and operates on 110/125 volts d.c. or 50/60 cycles a.c.

Model FA-3 — Lafayette 5-tube a.c.-d.c. compact portable superhet, with tubes. In black, alligator and tan. Specify color when ordering. Shpg. wt. 12 lbs. Code KEBNI.

List Price \$29.90.

YOUR COST

\$14.95

4 TUBE AC-DC

Compact PORTABLE



DESIGNED for the same spring-stricken travelers described and prescribed for above; but a wee mite smaller for the more easily wearied. This little traveler's aid is equipped with a carrying handle, nickel-plated snap locks, front cover and rear drop door for accessibility to tubes, and is housed in a sturdy wooden case neatly covered with the new "airplane" cloth.

With Electro-Dynamic Speaker

In spite of its unusually small size (it measures only $9\frac{3}{8}$ " wide, $6\frac{1}{8}$ " high and 6" deep), it contains a full-size electro-dynamic speaker which assures the listener of excellent tone quality.

Time-Tried T.R.F. Circuit

Four of the latest type tubes are used: a 6D6, 6C6, 43 and a 25Z5 rectifier. Other features include a built-in aerial, illuminated flash dial, wave coverage from 175 to 555 meters and operation on 110/125 volts d.c., or 50/60 cycles a.c. The color is conventional airplane-cloth tan with contrasting brown stripes.

Model FA-2—Lafayette 4-tube, a.c.-d.c., t.r.f., compact portable, with tubes. Shpg. wt. 9 lbs. Code KALKA.

List Price \$21.90.

YOUR COST

\$10.95

5-TUBE AC-DC SUPERHET IN COLORS FOR EVERY ROOM

FOUR beautiful color combinations to match the color scheme of your home. These excellent little receivers are available in ivory with gold trim, red with gold trim, black with gold trim, and all maple. No longer is there need to introduce a clashing note into an otherwise perfect room setting.

Self-Contained Aerial

In addition to their artistic appearance, they incorporate technical features that make ideal "second" receivers for the bed-room, kitchen, den, play-cellar, etc. No aerial installation is required—plug it into any 110-volt outlet, a.c. or d.c.—equally fine results are had with either current.

Full-Tone Dynamic Speaker

A modern electro-dynamic speaker in conjunction with a 43 pentode power output tube offers reproduction that will amaze you with its realism; the other tubes used are a 6C6, 6D6, 6A7 and a 25Z5 rectifier. All standard-wave American broadcasts and many police calls are covered from 175 to 555 meters. Tuning is accomplished with an illuminated flash dial, multi-colored to match the coloration of the receiver. Size, $11 \times 7\frac{1}{2} \times 5\frac{1}{2}$ ".

Model FA-6—Lafayette 5-tube a.c.-d.c. superhet, with tubes. For 110/125 volts d.c. or 50/60 cycles a.c. In ivory, red, black or maple—specify color desired when ordering. Shpg. wt. 12 lbs.

Code KITTA.

List Price \$27.90.

YOUR COST

\$13.95

Add \$1.00 for 220-volt a.c. operation.



**In Ivory and Gold—Black and Gold
Red and Gold—All Maple**

A Perfect Companion THE RADIO THAT WILL PLAY *Anywhere!*

**DUAL-POWER
6 TUBE
SUPERHET**

**TWO SETS
in
ONE!**

AT HOME • ON SHIPS • IN TRAILERS • IN BUNGALOWS • ETC.

The Most Sensational Radio Development of the Year!

LAFAYETTE again takes the lead in presenting the first outstanding radio achievement for 1937—ONE receiver that operates on a 6-volt storage battery or 110 volts a.c., **WITHOUT CHANGES OF ANY KIND**, and incorporates every up-to-the-minute radio feature including 2-band European reception.

Built for the Trailer

Here indeed is a boon to trailer owners. It operates perfectly on the car or trailer battery and provides song and cheer while rolling along. When you return to your home, place it in your living room (it's an attractive piece of furniture), plug it into any 110-volt a.c. outlet and tune in your favorite program.

For the Motor-Boat

Now you can add zest to life on the bounding main. Equip your cruiser with this duo-power superheterodyne and increase the pleasures of your cruise or fishing trip. When you reach port, take it to the hotel with you and enjoy radio in your room—your own radio—to tune in the stations **YOU** prefer as you desire them.

\$32.50
COMPLETE
WITH TUBES

- ★ Operates From a 6-Volt Battery or 110 Volts A.C.
- ★ Covers Short Waves
- ★ Aut. Vol. Control
- ★ Alnico Speaker
- ★ Full Tone Control
- ★ For The Trailer

A Standard Home Receiver With 1937 Utility

Enjoy its superior performance in your home during the winter season, and take it with you to your summer bungalow for the same perfect reception—you save the cost of another radio set.

European Reception

Technically, it is a masterpiece of modern design and construction. Six modern, high-gain tubes are used: a 6A8, 6K7, 6Q7, 12A5, 25Z5 and an L49C ballast. Two bands offer European reception on 18.4 to 52 meters and standard American broadcasts on 193 to 555 meters. Technical features include tone control and automatic volume control. The dynamic speaker is of the wide-range, Alnico full-floating Permanent Magnet type.

A modern cabinet of two-tone American hardwood offers a striking appearance; size, 18 3/4" long, 8 1/2" deep, 9 3/4" high. The 5x6" airplane dial is finished in gold. Model D-32—Lafayette 6-tube, 2-band, duo-power superheterodyne, complete with tubes. For 6 volts d.c.—110 volts a.c. Shpg. wt. 26 lbs. Code WUSOT. List Price \$65.00.

YOUR COST

\$32.50



30 DAYS FREE TRIAL!

OUR FAMOUS GUARANTEE STILL HOLDS
Order any Lafayette receiver—Put it through its paces—Right in your own home—during good weather and bad weather—Make it pull in distant stations and locals—Listen to its full, rich tones—Then ask yourself, "Have I ever seen or heard a better buy?"

Take a full 30 days to decide! Right in your own home! If for any reason you are not satisfied and delighted, return your Lafayette at any time within 30 days and your money will be promptly and cheerfully refunded! (Transportation charges are, of course, excluded.)

It has Everything!



Lafayette **7** TUBE SUPERHET

\$19⁹⁵

for a \$40. Value!

1937's BEST BUY

This 7-tube, 2-band a.c., superheterodyne represents the finest value we have ever offered. Feature-for-feature it equals, and in many cases surpasses, receivers selling at twice the cost. It offers better tone, greater distance, sharper tuning, cathode-ray tuning, exceptionally attractive appearance and numerous other outstanding features at a price that challenges any and all competition.

Improved Airplane Dial

A new dial is used which is more than a mere instrument for station designation. "Giant"-size in its proportions (it measures $4\frac{1}{2} \times 4\frac{1}{2}$ "), it is a thing of beauty, its gold background blending harmoniously with the handsomely grained walnut cabinet. Calibrations are unusually legible, and the dial length spread considerably to facilitate ease of tuning. Soft-glow illumination is employed.

**30
Day
FREE
Trial**

**MODERN BEAUTY
•
FOREIGN RECEPTION
•
FLAWLESS TONE
•
ABUNDANT POWER
•
CATHODE RAY
TUNING**

Yes

9-TUBE RESULTS

Full use is made of seven latest-type multi-purpose tubes to obtain the action of what only recently required nine tubes. The tube complement comprises: a 6D6, 6A7, 75, 76, 41 pentode power amplifier, 6G5 cathode-ray tuning "eye" and an 80 rectifier.

Aut. Volume Control

Automatic volume control is a circuit feature; this refinement prevents unpleasant "blasting" when tuning across the dial and reduces fading of distant stations—a boon to DX'ers.

Uses Tuning "Eye"

Heretofore available only in the highest price receivers, the cathode-ray tuning aid is included in this little wonder. It makes it possible for anyone to tune in a station with maximum precision for finer reproduction.

Quality Tone Control

Reproduction to suit the personal taste is made possible with a new, wide-range tone control which permits an exceptionally fine variation of bass and treble emphasis. With it you can color your favorite programs to please your musical palate, and to reduce back-ground noises.

HEAR EUROPE DAILY

Two bands are used to cover 49 to 130 meters and 175 to 555 meters; this permits reception of European broadcasts, amateurs, police calls, airplane traffic and other commercial short-wave communications.

6" Dynamic Speaker

Its tonal beauty will thrill you. Every note is reproduced with studio-like realism for your fullest appreciation. Listening to this receiver is indeed a relaxation. You must hear it to appreciate it.

Stunning Cabinet

The entire assembly is tastefully designed to blend with the finest surroundings. Inlays offer a modern two-tone effect which is heightened by the simple, modernistic lines. American hardwoods are used throughout for ruggedness and durability.

Model D-34—Lafayette 7-tube, 2-band a.c. superhet, with tubes. For 110-volt, 50/60 cycle a.c. Size, $15\frac{3}{4}$ " long, $8\frac{1}{2}$ " high, $7\frac{1}{8}$ " deep. Shpg. wt. 23 lbs. Code WANRO. List \$40.00

\$19.95
YOUR COST
Add \$2.00 for 220-volt a.c. operation.

It has Everything!