

LAFAYETTE RADIO

1937



CATALOG
NO. 65

INDEX ON
PAGE 150

RADIO'S "BLUE RIBBON" CATALOG!

WHOLESALE RADIO SERVICE CO. INC.

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901 W. JACKSON BLVD.

NEW YORK, N.Y.
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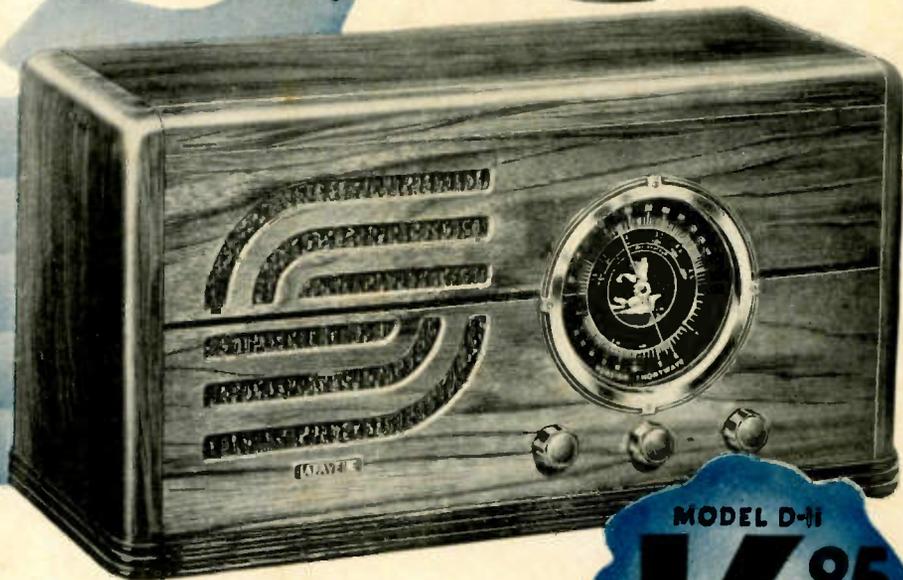
**SUPER
VALUE**

Lafayette

A. C. Superhet

**5
Tube**

**3 WAVE BANDS
HIGH SELECTIVITY
DYNAMIC SPEAKER
EXCELLENT TONE
SMARTLY STYLED**



THIS modern Lafayette 5-tube a.c. superheterodyne will unquestionably appeal to those desiring the utmost in "dollar-for-dollar" value. Its beauty of appearance cannot fail to command your admiration—and its superb performance will thrill you.

COMPACT — RUGGED

The compact construction of this model makes it well suited for use as a secondary receiver in the den, kitchen, bedroom, office, sick-room, etc. It can easily be carried from place to place. Just plug it into any 110-volt 60-cycle a.c. outlet, connect antenna, and the set is ready to operate.

COVERS THREE BANDS

The tuning range is divided into three bands covering the most widely used frequencies. The first band covers the American broadcasts from 200 to 560 meters (540-1500 kc.); the second band covers the police broadcasts and also brings in many amateurs—its range is from 66 to 187 meters (1.6 to 4.5 mc.); the third band covers the popular European short-wave frequencies and the most frequently used amateur channels—its range is from 18 to 50 meters (6 to 16.6 mc.). Band switch on front panel.

SENSITIVE AND SELECTIVE

Five "time-tried," efficient tubes are used in the powerful superheterodyne circuit. Complement includes: one 6A7, one 6D6, one 75, one 42 and one 80. Output afforded is approximately 3 watts—more than ample for any home. Sensitivity and selectivity are comparable with those of sets selling at much higher prices. Tuning is sharp and tone quality is excellent.

Other circuit features include: a matched electro-dynamic speaker; powerful automatic volume control (a.v.c.) circuit that minimizes fading and prevents inter-station "blasting"; individually calibrated bands; large airplane dial with arrow pointer; bands in colors simplify tuning.

The receiver is housed in an attractive cabinet that cannot fail to grace any surroundings. Overall dimensions: 9½" high, 17⅞" wide and 8" deep. Designed for 110 volts, 50-60 cycles a.c. operation only.

Model D-11 — Lafayette 5-Tube A.C. Superhet 3-Band Receiver complete with all tubes and operating instructions. Shpg. wt. 27 lbs. Code WAGNA. List Price \$33.70.

YOUR COST \$16.85

Add \$2.00 for 220-volt operation.

MODEL D-11

\$16⁸⁵

An
Approved
"Blue Ribbon"
Product

EUROPEAN MODEL

For those who travel in foreign countries, the Lafayette 5-tube a.c. superhet is available with a special long-wave band in place of the police band covered in the model D-11. The three tuning bands are: from 17½ to 51½ meters; from 193 to 560 meters; from 780 to 2143 meters, covering the standard European broadcasts.

Model J-33 — European model Lafayette 5-Tube A.C. Superhet with tubes and operating instructions. For operation on 110-220-250 volts, 50-60 cycles a.c. Shpg. wt. 28 lbs. Code EGARE. List Price \$39.90.

YOUR COST \$19.95

Lafayette 5 TUBE AC-DC WITH DYNAMIC SPEAKER

**Reliable T.R.F. Circuit
200-550 Meter Tuning
Built-in Antenna**

THE Lafayette Model J-35 5 Tube a.c.-d.c. receiver is a compact set that really does a big job. Its low price—made possible by Lafayette's large scale production—gives no indication of its entirely satisfactory performance. We can only say—when you own one you will take pride in its possession.

FULL VISION DIAL

A square type, full vision dial, with a sharp pointer, makes tuning simple. Finding stations is easy, as the scale is calibrated directly in kilocycles with the last zero dropped out to simplify the readings.

The cabinet is constructed in modernistic style with pleasing rounded edges. Fine quality hardwood veneers, rubbed to a high polish, are used. Octagonal shaped knobs and three horizontal stripes on the speaker grille enhance the overall appearance. The entire set is small enough to be carried in a grip or zipper-type case; this feature, plus the a.c.-d.c. operation, makes the Model J-35 a favorite with travelers.

CLEAR, LIFE-LIKE TONES

The circuit employed is the reliable, time-tried tuned radio frequency, and provides exceptionally fine tone quality and good sensitivity. Five tubes are used: 1-6C6, 1-6D6, 1-43, 1-25Z5 and 1-R55BX. The use of the latter ballast tube eliminates the usual "hot" line cord.

The set's output is efficiently handled by the matched electro-dynamic loud speaker, and will fill good-sized rooms with clear, life-like voice and music. The tuning range covers the entire domestic broadcast band of 200 to 550 meters (1500 to 550 kilocycles). A built-in, permanently connected aerial is included. This can easily be strung around the picture molding or under a rug. Just plug the set in, and it will furnish many thrilling hours of vocal and instrumental entertainment.

Model J-35—Lafayette 5 Tube a.c.-d.c. receiver, complete with tubes. Operates on 110 volts. Size: 11 $\frac{1}{4}$ " long x 7 $\frac{1}{4}$ " high x 6" deep. Shpg. wt. 12 lbs. Code ELBON. List Price \$18.90. Your Cost **\$9.45**
For 220 volt operation add 75c



MODEL J-35
\$9.45

Special European Model

A special version of the Model J-35 is available with the 780 to 2140 meter band as well as the regular 200-550 meter domestic United States band. This set is particularly useful in European and surrounding countries, where many of the important broadcasting stations operate on the long waves. The European set, Model J-36 is identical in size and general appearance with the Model J-35 and has the same technical features.

Model J-36—Lafayette 5 Tube a.c.-d.c. receiver, complete with tubes. For 110 volts. Shpg. wt. 12 lbs. **\$11.45**
Code EMLYE. List Price \$21.90. Your Cost
For 220 volt operation add 75c

Lafayette 4 TUBE AC-DC with DYNAMIC SPEAKER

Ideal "Companion"

Set for Travelers.

Children's Rooms, etc.

ONLY advanced radio engineering technique, as developed by Lafayette engineers, makes possible this phenomenal value. At this price, the average family can afford to have a radio receiver in the kitchen, in children's rooms, in a cellar or attic den, on the porch, etc.

Simple, attractive, reliable, the Model J-32 is an added decoration in any room. Put it between books, on a dish shelf, on any convenient window ledge. With its built-in aerial and a.c.-d.c. feature, it can be used almost anywhere.

STABLE CIRCUIT

This fine set uses 1-6D6, 1-6C6, 1-E75BX ballast and 1-25A7. The latter tube, in conjunction with a matched dynamic speaker—unusual in a set of this price—is responsible for the excellent tone quality obtained from this little wonder.

Tuning is accomplished with an easy-grip full vision dial, well illuminated to show the calibrations in kilocycles. The regular American broadcast band, 200-550 meters, is fully covered.

The cabinet of the J-32 is nicely finished in light and dark tones, with a richly colored loud speaker grille.

Model J-32—Lafayette 4 Tube a.c.-d.c. receiver. Complete with tubes. For 110 volts. Dimensions: 11 $\frac{1}{4}$ " long x 7 $\frac{1}{4}$ " high x 6" deep. Code EMPRE. Shpg. wt. 11 lbs. List Price \$15.90. Your Cost **\$7.95**
For 220 volt operation add 75c



MODEL J-32
\$7.95

Imagine! This fine radio receiver for less than eight dollars! Buy it for yourself and your friends; it makes an impressive and inexpensive gift that will always be remembered.

"Blue Ribbon" Products—approved by Wholesale Radio Service Co., Inc.

Here's the Symbol of

WHOLESALE

PLACES ITS Stamp

EQUIPMENT OF

BLUE



*Look For This
Seal Before You
Buy Any Radio!*

*What This Blue Ribbon
Seal Means to You*

WHOLESALE RADIO SERVICE Co. Inc. presents the **FIRST** BLUE RIBBON CATALOG OF RADIO — a catalog designed and prepared to safeguard your purchases and to save you money! In this, the newest, most selective radio catalog ever issued, we introduce a policy which is the direct result of 16 years of experience.

During these years we have grown to be the **LARGEST RADIO SUPPLY HOUSE IN THE WORLD**. We have never deviated from our policy of lowest "WHOLESALE" prices, plus the **FASTEST, MOST THOROUGH SERVICE** in the field. Our standard guarantee of satisfaction is known and respected by servicemen, dealers, amateurs and radio buyers everywhere.

Now we announce our latest step forward — the Wholesale Radio Service Co. Inc. **BLUE RIBBON SEAL OF APPROVAL** — your assurance of quality and fair prices. **THE BLUE RIBBON SEAL** means that every radio item listed in the catalog has been approved by our Testing Laboratories. It must be mechanically and technically correct; priced so that it represents sound value, built and designed to give satisfactory service. Only those products which meet the rigid requirements of our Testing Laboratories have been included in this new **SELECTIVE BLUE RIBBON CATALOG**.

1. It is your assurance of quality; quality that has been checked by reliable manufacturers and re-checked in our own Testing Laboratories.
2. It is your assurance that everything you buy from us is made right and priced right; that it represents honest value; that it will give the service you have a right to expect.
3. It means that you can **BUY WITH SAFETY!** No matter what you select in this catalog you are sure to get your money's worth — and a bit more in the way of extra service, helpful co-operation, and the financial reliability and security of the **LARGEST AND OLDEST RADIO SUPPLY HOUSE IN THE WORLD**.

Entire contents of this catalog copyrighted, 1936.

Wholesale Radio Service Co. Inc.

Printed in U. S. A.

IT TAKES

Radio Perfection!

RADIO SERVICE CO. INC.

of Approval ON RADIO

PROVEN

RIBBON QUALITY

Our Famous Guarantee Still Holds . . .

30 DAYS FREE TRIAL IN YOUR OWN HOME!

YEARS AGO Wholesale Radio Service Co. Inc. issued its famous 30-DAY FREE TRIAL OFFER on LAFAYETTE radio receivers — the most liberal offer ever made by any manufacturer of radio sets! We said then — as we say NOW — that the only way to judge a radio set is to listen to its performance right in your own home, during good weather and bad weather, in day time hours and night time hours. That is how we ask you to judge LAFAYETTE! Put it through its paces! Listen to its full, rich, lifelike tone! Make it pull in distant stations or locals with the ease of a thoroughbred. Ask yourself, "Have I ever seen a better buy for the money than my LAFAYETTE?", and then decide to make your LAFAYETTE a faithful, dependable friend that will bring you years of trouble-free, economical entertainment.

Take a full 30 days to decide! Right in your own home! If for any reason you are not 100% satisfied and delighted, return your LAFAYETTE at any time within 30 days and your money will be promptly and cheerfully refunded! (Transportation charges excluded.)

ONE GREAT ORGANIZATION 5 BIG BRANCHES—

.. to give you top-notch "blue ribbon" service
NEW YORK, N.Y. CHICAGO, ILL. ATLANTA, GA.

100 SIXTH AVE.
Phone: Walker 5-8883

901 W. JACKSON BLVD.
Phone: Haymarket 0422

430 W. PEACHTREE ST., N.W.
Phone: Walnut 5140-1

BRONX, N.Y.
542 E. FORDHAM RD
Phone: Raymond 9-8813

NEWARK, N. J.
219 CENTRAL AVE.
Phone: Market 2-1661-2

SIZE TO MAKE RAPID SERVICE POSSIBLE!

5 TUBE A.C. 2 BAND SUPERHET



NEVER before has so fine a receiver incorporating so many outstanding features been offered at a price so amazingly low. It embodies developments found only in receivers selling at several times the cost, and is capable of results that will offer endless hours of pleasurable relaxation.

IDEAL AS A "SECOND" SET

Because of its compactness, low cost and simplicity of installation and operation, it is admirably suited as a "second set" for the bedroom, den, kitchen, child's room, cellar recreation room, etc.

AUTOMATIC VOLUME CONTROL

Five of the latest type, high-sensitivity tubes are employed in a modern superheterodyne circuit: a 6A7 serves as a detector-oscillator, a 6D6 as i.f. amplifier, a 75 as 2nd detector and automatic volume control tube, a 42 pentode power output amplifier and an 80-type full-wave rectifier.

BROADCAST AND SHORT WAVES

A convenient knob on the front panel permits switching from standard broadcast stations to reception of short-wave stations operating between 49 and 130 meters; this includes European, amateur, police, aircraft and commercial short-wave stations. The broadcast band ranges from 175 to 550 meters and covers police and all standard American broadcast stations.

ELECTRO-DYNAMIC SPEAKER

Complete enjoyment of the finest musical programs is assured by the use of a high-quality electro-dynamic speaker which covers the entire audio spectrum with amazing brilliance and fidelity. The housing is a handsomely polished cabinet, 14 1/2" wide, 9" high and 8 1/2" deep. With airplane dial.

Model D-13 - Lafayette 5-tube, 2-band superheterodyne complete with all tubes and full instructions. For 110 volts, 50/60 cycles a.c. Code WAKEN. Shpg. wt. 20 lbs. List Price \$29.00 **\$14.50**
YOUR COST

Add \$2.00 for 220-Volt a.c. Operation

Lafayette
Covers:
Broadcasting
175 To 550 Meters
Short Waves
49 To 130 Meters

MODEL D13
\$14.50

- Dynamic Speaker
- Pentode Output
- Airplane Dial
- High-Gain Tubes
- Has Full A.V.C.
- Modern Cabinet

For the first time... A SUPERHET AT THIS LOW PRICE!

4 TUBE A.C. with DYNAMIC SPEAKER

THIS amazing value is not to be confused with the ordinary 4-tube receiver which usually makes use of a tuned radio frequency circuit. This little wonder employs a real superheterodyne circuit just like the big fellow and, therefore, produces astounding results over the entire standard broadcast band which it covers from 175 to 550 meters.

PENTODE POWER AMPLIFIER

It incorporates four of the latest type tubes and is so designed as to make full use of the sensitivity and quality these tubes have to offer. A 6A7 is used as a 1st detector-oscillator, a 6C6 2nd detector, a 42 pentode power output amplifier and an 80 full-wave rectifier.

ELECTRO-DYNAMIC SPEAKER

In spite of its unusually low cost it employs a full electro-dynamic speaker which is capable of really fine quality. It is constructed under the latest acoustical developments and will fill a large room with brilliant reproduction.

HANDSOME MODERN CABINET

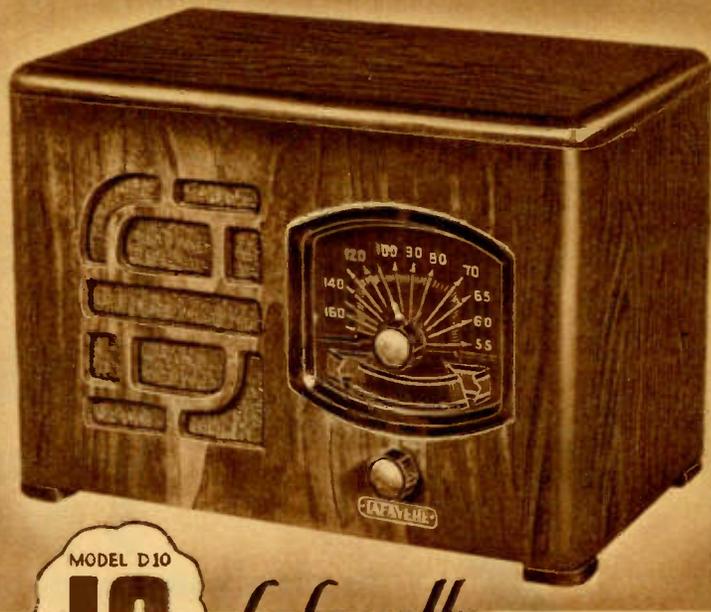
Because of its attractive, polished cabinet, it can be placed anywhere in the home with full assurance that it will blend decoratively with any setting. Place it in a bookcase or spare nook (it only measures 11 1/2" wide, 8 1/4" high, 7" deep); get one or two for those extra rooms where the absence of a radio set has been felt.

HAS LARGE VERNIER DIAL

Tuning is simplified by the use of a full-vision illuminated vernier dial attractively finished in green and black, and equipped with a brilliant pointer.

Model D-10 - Lafayette 4-tube a.c. superheterodyne, complete with all tubes. For 110 volts, 50/60 cycles a.c. Code WABUS. Shpg. wt. 15 lbs. List Price \$21.90 **\$10.95**
YOUR COST

Add \$1.50 for 220-Volt a.c. Operation



MODEL D10
\$10.95

Lafayette

- Full Electro-Dynamic Speaker
- Two-Color Illuminated Dial
- Full Shielding-Metal Base
- Real Superhet Results
- Pentode Power Output Tube

Just the set for your extra room, bedroom, den, or kitchen. Fits anywhere.

Blue Ribbon Products approved by Wholesale Radio Service Co., Inc.

CHOICE OF POLICE OR S.W. BAND



Lafayette 6 TUBE AC-DC SUPERHET

BEAUTY of appearance—ample power—exceptionally fine tone—two-band coverage—all these features and many more are yours when you own this Lafayette 6-tube a.c.-d.c. superhet. The unusually low prices at which these sets are offered are no indication of the quality inherent in these receivers. Try one in your home and convince yourself—our 30-day free-trial offer gives you 100% protection without obligation.

COVERS TWO TUNING BANDS

Two models are available, each covering two tuning bands. The model J-43 covers the American broadcast and the police bands as follows: from 193 to 560 meters (1550-535 kc.), and from 77 to 188 meters (1.59-3.9 megacycles), bringing in police and amateur calls. The model J-44 incorporates a band from 17.6 to 51.8 meters (5.8-17 mc.) in place of the police band; this band brings in the popular European broadcast stations and numerous amateur calls. The band-switch is on the front panel.

MODERN SUPERHET CIRCUIT

Six modern type tubes are used in the well-engineered superhet circuit as follows: 1-6A7 oscillator, 1-6D6 i.f. amplifier, 1-6C6 detector (model J-44 uses a 75 in place of the 6C6), 1-43 output tube, 1-25Z5 rectifier, and 1-K49C metal tube ballast. No "hot" line cord. Set operates on 110 volts d.c. or a.c. (60 cycles).

THREE COLORED GLASS DIAL

A three colored glass dial, illuminated from the edges, simplifies tuning and enhances the overall beauty. Each band is individually calibrated, and there is no crowding of the numerals—settings are easily legible.

The cabinet used to house these receivers is neat, attractive and durable. Selected hardwoods are blended in a finished design that cannot fail to please. All corners are rounded—all knobs matched—high polished finish.

MODEL J-43
\$13⁷⁵

**TWO-BAND COVERAGE
MATCHED DYNAMIC
SPEAKER
3 COLORED GLASS DIAL**

Model J-43
Lafayette 6-
Tube Two-Band A.C.-D.C.
Superhet. With Broadcast and
Police bands. Complete with
all tubes. For operation on
110 volts, a.c. or d.c. Size:
8 $\frac{3}{4}$ " high, 13 $\frac{1}{4}$ " wide, 7"
deep. Shpg. wt. 16 lbs. Code,
EBOLT. List Price \$27.50
YOUR COST \$13.75

Model J-44—Lafayette 6-
Tube Two-Band A.C.-D.C.
Superhet, similar to above
but with broadcast and short-
wave bands. Shpg. wt. 16
lbs. Code, ECEVO.
List Price \$34.90
YOUR COST \$17.45
FOR 220 VOLTS ADD 75c

FOUR-COLOR ILLUMINATED DIAL

In this Lafayette 5 TUBE AC-DC SUPERHET

THIS new acquisition to the Lafayette line is "little" in price but "big" in performance. It incorporates features usually found only in sets selling at considerably higher prices. Glance at some of the outstanding features shown at the right below, then make comparisons—we're sure you will agree that this set is outstanding in price and ability.

IDEAL SECONDARY RECEIVER

Compact construction, coupled with the fact that it operates on either 110 volts a.c. or d.c., makes this receiver ideally suited for use in the library, den, kitchen, sick-room, bed-room, etc., etc. It can easily be carried from place to place, and it is built to give lasting, trouble-free service.

COVERS TWO TUNING BANDS

In addition to covering the standard American broadcast band from 174 to 550 meters (545-1725 kc.), the set covers the popular European broadcast band from 46.2 to 130 meters (2300-6500 kc.). As noted, the American broadcast range has been extended to enable reception of many of the popular police calls.

USES LATEST TYPE TUBES

Five modern type tubes are used in the superhet circuit as follows: 1-6A7 oscillator, 1-6D6 i.f. amplifier, 1-76 detector, 1-25A7 power output tube and 1-R74B metal ballast tube.

FULL-VIEW ILLUMINATED DIAL

The full-view illuminated tuning dial is in four colors. Each band is individually calibrated, and the mile-edge pointer covers the entire scale. Station settings are not crowded—scale is easily readable. The cabinet is attractively styled and beautifully constructed. Selected American hardwoods are used in a "contrast tone" pattern that cannot fail to satisfy the most critical taste.



MODEL EB-8
\$12⁹⁵

**TWO-BANDS
Dynamic Speaker
Vernier Tuning
METAL BALLAST
FULL-VIEW DIAL**

Model EB-8—Lafayette 5-
Tube Two-Band A.C.-D.C.
Superhet, complete with all
tubes. For operation on 110
volts, a.c. or d.c. Dimensions:
11 $\frac{1}{4}$ " wide, 7 $\frac{1}{4}$ " high, 5 $\frac{1}{4}$ "
deep. Shpg. wt. 10 lbs. Code,
TRATO. List Price \$25.90
YOUR COST \$12.95
FOR 220 VOLTS ADD 75c

Lafayette 7 TUBE A.C. SUPERHET

WITH FULL 3 BAND COVERAGE AND CATHODE RAY TUNING

HAVE you ever experienced the thrill of hearing foreign stations with ample volume? Have you ever "listened-in" on amateurs from all parts of the globe? Have you ever heard the popular American broadcast programs with such a degree of fidelity that you thought you were right in the studio? The answer to these questions is an emphatic YES, when you own one of these modern Lafayette 7-tube 3-band superhets. And most important, the prices are unbelievably low! You must hear these sets to appreciate the remarkable value—our thirty day free-trial offer is your guarantee of our sincerity and integrity.

COMPLETE THREE-BAND COVERAGE

In addition to covering the standard American broadcast range, the Lafayette 7-tube a.c. superhet brings in police calls and amateurs on the intermediate band and European broadcast stations and amateurs on the short-wave band. The complete range, from 18 to 560 meters, is split up into three bands as follows: from 200 to 560 meters (536-1500 kc.); from 66 to 186 meters (1613-4545 kc.), bringing in police and amateur calls; from 18 to 50 meters (6000-16,666 kc.), bringing in the European broadcast stations and the numerous popular amateur stations.

POWERFUL SUPERHET CIRCUIT

Seven tubes are employed in the powerful, sensitive and selective superheterodyne circuit. The tube types and their uses are: one 76 oscillator, one 6D6 first detector, one 6D6 i.f. amplifier, one 75 second detector and automatic volume control, one 42 power output tube, one 80 rectifier and one type 6G5 cathode ray tuning eye. Power output is more than sufficient for filling even the larger homes with clear-life-like tones. Sensitivity and selectivity characteristics are comparable with those of sets selling at much higher prices. Stations "come-in" all over the dial, and no matter how close together they are, they can easily be separated. A special heavy Jensen electro-dynamic speaker handles the entire set output (8" speaker in the console model, 6" speaker in mantel model).

GIANT OVAL SHAPED FULL-VIEW DIAL

The large full-view dial, with its knife edge pointer and easily legible scales, makes tuning a simple process. Each of the three bands is individually calibrated in a different color—there is no crowding. No technical knowledge is necessary to correctly tune each station. A three-position band switch operated from the front panel selects the desired band.



MODEL D-30
\$ **29**⁹⁵

Bands: 18 TO 50 METERS — 66 TO 186 METERS — 200 TO 560 METERS

CATHODE RAY TUNING EYE

A type 6G5 cathode ray tuning eye, conveniently located on the front panel, insures "hair-line" accuracy of tuning. All that is necessary, is that the station be tuned to that point on the dial where the shadow on the "eye" screen is narrowest.

MANY OTHER FEATURES

Other features include: full-range tone control, powerful automatic volume control, three-gang tuning condenser, oversize components, etc.

CONSOLE OR MANTEL CABINETS

The Lafayette 7-tube a.c. superhet can be purchased in either console or mantel models. The console cabinet is constructed in the modern manner of selected walnut veneer in a beautiful design. Rounded corners, grained instrument panel, carved sides and bottom and straight-line grille fronting pillars combine to present pleasing finished appearance. The mantel model will grace any home. Used in the den, library or bedroom, it will blend harmoniously with the surroundings. American hardwoods (two-toned), rounded corners, attractive speaker grille and matched knobs complete a truly beautiful radio receiver.

Model D-30—Lafayette 7-Tube a.c. 3-Band Superhet. Complete with all tubes in console cabinet. For 110 volts, 50-60 cycles a.c. operation. Dimensions: 36½" high, 21½" wide, 11¾" deep. Shpg. wt. 72 lbs. Code WACKE. List Price \$59.90 **\$29.95**
YOUR CCST.

Model D-31—Lafayette 7-Tube 3-Band a.c. Superhet in mantel cabinet and complete with tubes. For 110 volts, 50-60 cycles a.c. Size: 11" high, 19" wide, 8¾" deep. Shpg. wt. 30 lbs. Code WALLA. List Price \$47.90 **\$23.95**
YOUR CCST.

Either Model—for 220-volt operation, add \$2.00.



MODEL D-31
\$ **23**⁹⁵

The beautiful mantel model D-31, illustrated above, is ideally suited for use as a secondary receiver in the den, library, bedroom, kitchen, etc. Its performance will thrill you.

Blue Ribbon Products approved by Wholesale Radio Service Co., Inc.

Lafayette 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 kind of set that fits well in practically any home. The fine walnut veneer cabinet, the flashing chrome-framed dial, the decorative loud speaker grille—all contribute to the beauty and attractiveness of this fine Lafayette product.

EXCELLENT CIRCUIT

The handsome external appearance is matched by internal technical perfection. The sensitive, selective superhet circuit uses 1-6A7, 1-7B, 1-7S, 1-2S25, 1-43 and 1-L-49B and boasts such features as automatic volume control, six tuned circuits, 3-gang condenser, 6½" full voiced dynamic speaker, easy-to-read dial with smooth reduction drive, and phono jack—the last a great convenience for owners of turntables and high quality records.

WIDE TUNING RANGE

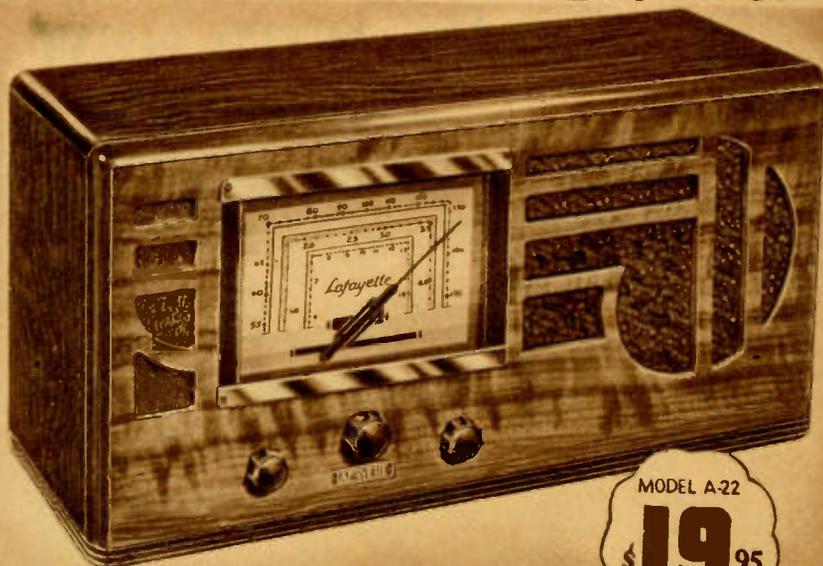
The Model A-22 covers three intensely interesting wave bands: 18-50, 75-200 and 200-550 meters. No matter where you are or when you listen, the A-22 will always provide radio pleasure! Amateurs talking to each other across continents and oceans, airplanes and airports, foreign broadcasters, police stations, as well as all domestic broadcasters, are always at your fingertips.

PLUG IN THIS RECEIVER ANYWHERE!

The a.c.-d.c. feature of the Model A-22 makes this set a truly universal one. It works on 110 to 125 volts, and is easily made to work on 220 volts with the aid of a simple adapter.

EUROPEAN MODEL HAS LONG WAVE BAND

Matching the Model A-22 in all respects, but with coverage of 18-50, 200-550 and 850-2000 meters, the Model A-26 will appeal to residents of Europe and nearby countries. With this set, reception of American short-wave and amateur stations on the Continent is easy and reliable. The a.c.-d.c. feature is of particular importance, as there is no widespread standardization of power in Europe, and there is in the United States.



MODEL A-22

\$19⁹⁵

Choice of
Domestic or
European
Models

Model A-22 - Lafayette 6 tube a.c.-d.c. superhet. for 110-125 volts, 40-60 cycles. Complete with tubes, 18-50, 75-200, 200-550 meters. Size: 18½" wide x 9" high x 8" deep. Shpg. wt. 21 lbs. Code WURBA.

List Price \$39.90

YOUR COST **\$19.95**

Model A-26 - Lafayette 6 tube a.c.-d.c. superhet. Complete with tubes, European model, same as above but with tubes 18-50, 200-550 and 850-2000 meters. Shpg. wt. 21 lbs. Code WILBA. List Price \$43.00

YOUR COST **\$21.50**

For 220 volt operation, add 75c



MODEL D-20

\$19⁹⁵

THE new oval-shaped type illuminated dial, so popular this season, is used to advantage in the Lafayette Model D-20 to control a superheterodyne of unusually fine design and capabilities. Six tubes in a full-powered a.c. circuit give the set high sensitivity, to pull in both distant and nearby stations; sharp selectivity, to keep adjacent signals well separated and free of interference; and strong output, to fill the room with clear, crisp voice and music.

In appearance, too, the D-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 the living room, office, boudoir, library, or other room where it is used. It radiates quality and good taste.

Tube line-up of Model D20: 76 oscillator, 6D6 1st detector, 6D6 i.f., 75 2nd detector-a.v.c., 42 power output and 80 rectifier. Automatic volume control (a.v.c.) reduces fading, eliminates "blasting".

Lafayette 6 TUBE AC Superhet 3 Bands

Broadcast Band:
200-560 Meters

"Ham" and Police:
66-187 Meters

Foreign Band:
18-50 Meters

A twist of the wave-changing knob on the front panel opens almost the whole world of radio to you. When there is nothing on the 200-560 meter broadcast band to interest you, try the 66-187 meter channel. Here you will find literally thousands of amateur ("ham") and police stations, whose conversations and special transmissions are a welcome relief from the formality of regular studio broadcasting.

BRINGS IN EUROPE

On the lowest band, 18-50 meters, you will be astonished by the strength and clarity of European and Central and South American "short-wavers". On 20 meters, you will hear amateurs accomplishing extraordinary "DX" communication.

Model D-20 - Lafayette 6 tube a.c. 3 band superheterodyne, complete with tubes. For 110 volts, 50-60 cycles a.c. Size: 18½" wide x 10½" high x 8" deep. Shpg. wt. 28 lbs. Code WELCE.

List Price \$39.90

YOUR COST **\$19.95**

For 220 volt operation, add 82.00

Blue Ribbon Products approved by Wholesale Radio Service Co., Inc.

8 TUBE CUSTOM-BUILT Lafayette WITH NEW EXCLUSIVE



**Dynamic Speaker
Micrometer Tuning
Employs Diode A.V.C.
Rubber Cushion Mount
High-Fidelity Switch
Cadmium Plated
Chassis**

ENLARGED PORTION OF DIAL



THE TRAVELING LIGHT SPOT IS YOUR STATION INDICATOR

- Continuous Tuning
16.4 to 568 Meters
- Uses All-Metal Tubes

MODEL B-81

\$ **38**⁷⁵

HERE is a receiver that is indeed a masterpiece of construction. All the cardinal features sought by the radio purchaser are represented to the highest degree—precision electrical and mechanical design—guaranteed world-wide reception—tonal quality with stirring fidelity—more than enough power for the average home—beauty of cabinet that will grace the finest home—long-life, trouble-free operation.

Three extended wave bands are covered including, first, the 5,750 to 18,300 kilocycle (16.4 to 52.2 meters) band for foreign broadcast daytime reception; the second, the 1,715 to 5,800 kc., (51.8 to 175 meters) band and third, the 528 to 1,730 kc., (173 to 568 meters) band. These three bands offer NO-SKIP reception of foreign and domestic, police, amateur, air-craft, commercial and American broadcasts.

It incorporates an ultra-sensitive superheterodyne circuit which employs eight of the latest type tubes; three 6K7's—an r.f. amplifier, converter and I.L. amplifier, a 6C5 oscillator, a 6Q7 audio and a.v.c diode and audio amplifier, a 6F6 audio power amplifier, a 6E5 cathode-ray tube and a 5Z4MG full-wave rectifier.

MICROMETER TUNING INDICATOR

Station frequencies are accurately calibrated in three band colors and the setting of the tone and volume controls is indicated on the large, beautiful "Miracle Mirror" dial. Accurate logging of short-wave stations is assured through the use of an accessory (micrometer) pointer having a ratio of 16:1 with relation to the regular station indicator. Greater ease of dialing is attained through a new planetary drive which automatically changes from a normal ratio of 8:1 to a slow ratio of 40 to 1 when direction of dial rotation is reversed, thus enabling a vernier action when tuning.

STONE EXPANDER AND CONTROL

A complete gradation of tone from low bass to brilliant highs is enabled through a full range tone control. In the extended treble position a high-fidelity switch spreads the selectivity of the intermediate frequency circuits, allowing the passage of high frequency notes and eliminating side-band cutting.

AUTOMATIC BASS COMPENSATION

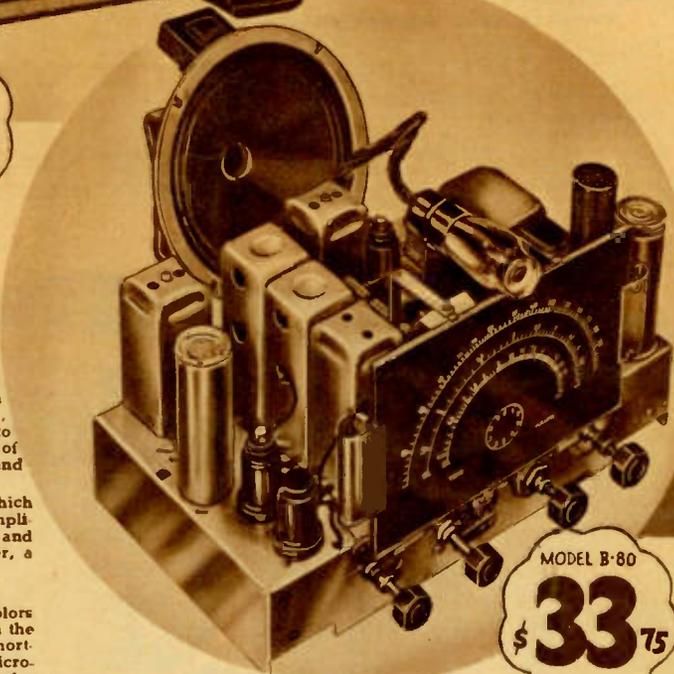
A compensating circuit is used to automatically increase high and low frequency response at reduced volume. Automatic volume control assures steady volume of reception and easy tuning and further eliminates blasting effect when tuning.

IMPROVED ELECTRO-DYNAMIC SPEAKER

Assures maximum fidelity of tone at both high and low ranges. A full 8" model of the most modern design assures the utmost in brilliant, life-like reproduction. Undistorted output is 3 watts, assuring a reserve volume considerably in excess of home needs.

HAND-RUBBED WALNUT CABINET

The mantel type receiver, Model B-81, illustrated above, is housed in an exquisitely finished cabinet of modern design which measures 23 $\frac{3}{4}$ " wide, 13 $\frac{3}{8}$ " high and 10 $\frac{1}{4}$ " deep. Power consumption is 75 watts at 115 volt-



MODEL B-80

\$ **33**⁷⁵

Chassis - - Speaker Available Separately

For those who desire to retain the cabinet they now have, we have made available the complete chassis and speaker, shown above. These units may be installed in your old cabinet, or a new one.

A PROFIT-MAKER FOR SERVICEMEN

Servicemen will find this an extremely profitable item; literally thousands of receivers are hopelessly obsolete and their owners ready for a change. Install this chassis in their present cabinets; it is well sized to fit all but unusually small consoles.

MANTEL CABINET MODEL

Model B-81—Lafayette 8-Tube, 3-Band mantel receiver. For 95-130 volts, 50/60 cycle a.c. operation. Complete with all tubes. Code BINES. Shpg. wt. 42 lbs.

List Price \$77.50

YOUR COST.....

\$38.75

CHASSIS AND SPEAKER ONLY

Model B-80—Lafayette 8-Tube, 3-Band chassis and speaker. For 95-130 volts, 50/60 cycles, a.c. Complete with all tubes. Is 13 $\frac{3}{8}$ " wide, 10 $\frac{1}{4}$ " high, 9 $\frac{1}{2}$ " deep. Code BRAVE. Shpg. wt. 32 lbs.

List Price \$67.50

YOUR COST.....

\$33.75

Above models available for 220-volt a.c. operation. \$2.00 additional.

Blue Ribbon Products approved by Wholesale Radio Service Co., Inc.

ALL-WAVE ^{3 Band} SUPERHET MIRROR DIAL AND CATHODE RAY TUNING

Peerless Performance — — — — Outstanding Beauty

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

HAS REMARKABLE SENSITIVITY

Its sensitivity to pick up weak and distant stations is extraordinary. In the language of the radio engineer, it is rated at from 1/2 microvolt absolute (per 4 meters) on the standard wave band to 4 microvolts absolute on the foreign short wave band.

MAXIMUM SELECTIVITY ON ALL BANDS

The selectivity is ample for separation of all stations under normal broadcast conditions, being rated at 28 kc., broad at one thousand times down. This indicates non-interference of signals of a field strength ratio of anything less than 1000 to 1 at 14 kc. separation. Image discrimination ratio on standard wave band is from 48,000 to 3,700. These specifications represent technical "figures of merit" which describe, mathematically, the ease with which stations can be separated. The figures given above indicate an amazing degree of efficiency both for sensitivity and selectivity.

A UNIQUE DIAL FOR DX FANS

The "Miracle Mirror" dial incorporated in this receiver embodies an exclusive feature which is a boon to the short-wave distance fan. It has a new type of planetary drive which automatically changes from a normal vernier ratio of 8 to 1 when tuning in one direction to a hair-splitting ratio of 40 to 1 when the dial rotation is reversed. This means that when tuning for stations, should one be passed, upon reversing the dial motion to hunt it, the rate of rotation **AUTOMATICALLY CHANGES** to an extremely slow motion so that any station, no matter how hair-edged the tuning, can be found.

FULL 8" DYNAMIC SPEAKER

Its faithfulness of reproduction will amaze and thrill you. Its rating of from 80 to 5,500 cycles per second within 6 db, is your technical guarantee of innumerable hours of glorious tone quality delivered to suit **YOUR** personal taste.

WIDE RANGE POWER TRANSFORMER

No longer need you worry about the consistency of your power supply and the possible effect of voltage variation on the quality of reception. The power transformer employed in this receiver is designed to assure proper functioning on any voltage **BETWEEN 95 AND 130 VOLTS WITHOUT ADJUSTMENT**. The entire receiver consumes only 75 watts of energy at 115 volts.

RUBBER CUSHION MOUNTED CHASSIS

Tone distortion and chassis vibration, so annoying when one is attempting to tune in a weak station, are completely eliminated by floating the chassis on four rubber cushions, and the three-gang tuning condenser on three rubber cushions.

- 8" Electro-Symphonic Speaker
- Guaranteed World-Wide Reception
- Includes New All-Metal Tubes
- Employs Three-Gang Condenser
- Full Automatic Volume Control
- New Tone Expander and Control



Console Model

MODEL B-82

\$47⁵⁰

**Custom-Built Quality
Laboratory Precision
Cathode Ray Visual Tuning**

THE inclusion of the new 6E5 cathode-ray tuning "eye" assures perfect tuning and consequently, less noise, minimum interference and full-rounded tone. Its operation is extremely simple—the tuning dial is adjusted until the "eye" literally blanks shut; at this point you are precisely tuned to the station. There is no painful groping or guesswork. Anyone in the family can now tune in a station and be assured at all times of perfect, interference-free reproduction.

BUILT FOR LONG, TROUBLE-FREE LIFE

Nothing has been spared to make this as fine a receiver as the modern radio laboratory can produce. Uniformly high quality and stability of operation are assured by the application of research precision to production. All components have very close tolerances, broad safety factors and passed through practically continuous testing. Design, materials and workmanship are such as to promise innumerable hours of thrilling performance with freedom from technical difficulties.

FEATURES HIGH-FIDELITY CONTROL

In the extended treble position a high-fidelity switch spreads the selectivity of the intermediate frequency circuits, thus allowing the passage of high frequency notes which are cut out with the switch in the "selective" position. This latter position is employed when extreme selectivity is desired, as when distance hunting where quality is not a prime factor. In addition to this feature, a wide range tone control is also included so as to permit any possible tone coloration you may desire.

**Further Technical Details Are
Found on the Preceding Page**

EYE-ARRESTING WALNUT CABINET

The above illustration gives only the photographer's view of this stunning console. Its sides are finished in solid walnut veneer with a beautiful, contrasting, rounded front of built walnut. Charm and dignity are found in its imposing modern lines, and its brilliant, hand-rubbed piano finish heightens its beauty immeasurably. Overall dimensions are 22 3/4" wide, 38 3/8" high and 10 3/4" deep. The speaker baffle-board is fully 21" high, and 17" wide.

MIRRORED GLASS DIAL

A fitting match for this console is found in the new "Miracle Mirror" Dial. It incorporates soft, edge lighting for overall illumination, and for a pointer, ingeniously makes use of a travelling light spot as described and illustrated on the preceding page. Four control knobs are finished in two-tone walnut and blend perfectly with the lines and coloration of the console.

CONSOLE PRICE

Model B-82 — Lafayette 8-Tube, 3-Band console receiver, complete with all tubes. For 95-130 volts, 50/60 cycles, a.c. operation. Code BLIRE. Shpg. wt. 66 lbs.

List Price	.....	\$95.00
YOUR COST	.....	\$47.50
For 220-volt a.c. operation, \$2.00 additional.		

"BlueRibbon" Products approved by Wholesale Radio Service Co., Inc.

Lafayette ALL WAVE Superhet

ELEVEN

Newest Type

TUBES

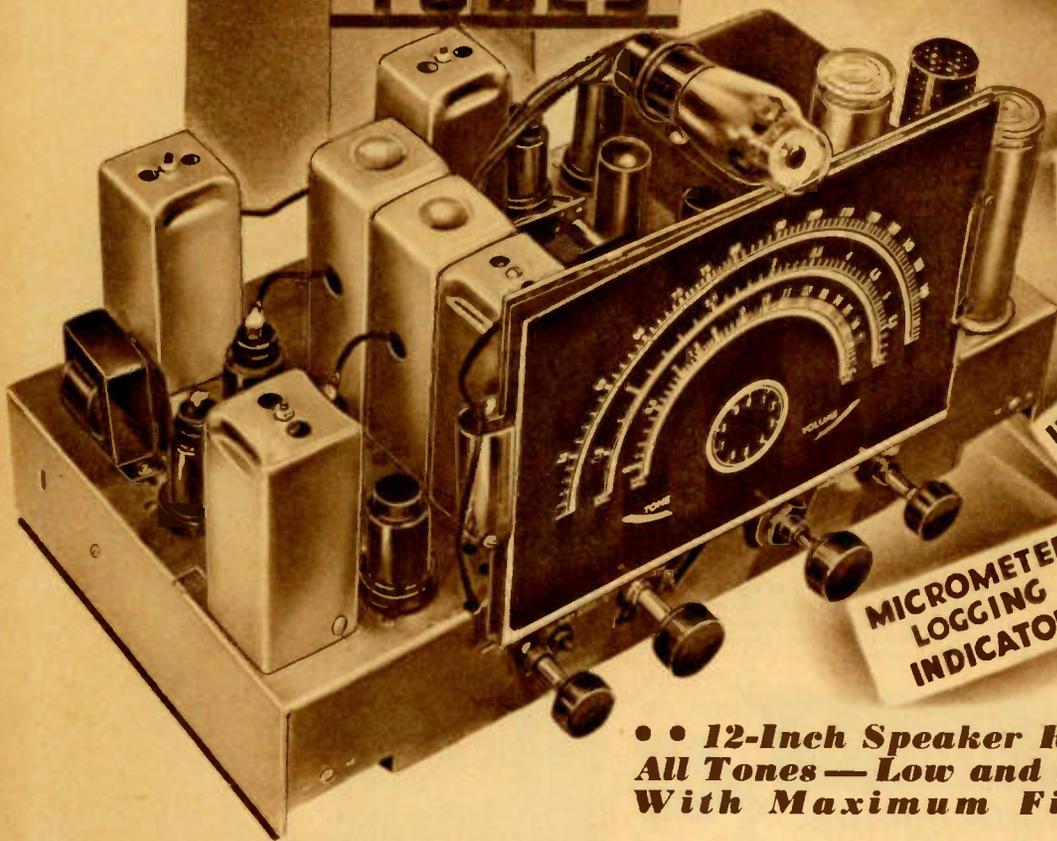
**AUTOMATIC
BASS
COMPENSATION**

**EIGHT WATT
UNDISTORTED
OUTPUT**

**CATHODE
RAY EYE**

**IMPROVED
DYNAMIC
SPEAKER**

**MICROMETER
LOGGING
INDICATOR**



• • **12-Inch Speaker Renders
All Tones — Low and High —
With Maximum Fidelity**

THE new Lafayette 11-tube superheterodyne is a pleasure both to hear and to behold. The giant 12-inch dynamic speaker, of a type previously used only in high-priced sound systems, brings auditorium quality to the home. The new 9-inch "Miracle Mirror" dial, a Lafayette development, has the unique "spotlight" indicator (pictured on page 8) that makes station-tuning highly interesting and easy. Add to these features the convenience of the automatic dual ratio tuning knob, which shifts from normal 8-to-1 drive to slow 50-to-1 drive BY ITSELF, and you know why this Lafayette receiver is already a leader in its field.

MICROMETER LOGGING INDICATOR

The three scales in the brilliant "Miracle Mirror" are calibrated directly in megacycles to make station-finding simple, and further accuracy is obtained through the use of a micrometer light pointer having a 16-to-1 ratio in relation to the regular station indicator. This micrometer is the small circle in the center of the dial. Tuning in domestic and foreign stations on its wide wavelength range is a new experience—something to tell your friends about. The "Miracle Mirror" is really fascinating—it recaptures for the listener the thrills of early broadcasting.

CONTINUOUS S. W. COVERAGE

Certainly the owner of this set will never have a dull moment. Three extended ranges are covered: 16.4 to 52.2 meters, for foreign broadcast and domestic daytime reception on the short waves;

51.8 to 175 meters, for intermediate short wave, amateur and police stations; and 173 to 568 meters, for general domestic broadcasting.

Whenever the broadcast band holds nothing of particular interest, the short-wave channels will always produce a domestic or foreign signal worth hearing. "DX" hunting assumes a new and important value with this super-sensitive receiver!

A.V.C. SYSTEM PREVENTS BLASTING

Unusually clear reproduction at either high or low volume is assured by a finely engineered push-pull audio circuit, with full eight watts output. Tone fidelity is particularly good; tell a radio engineer that its response is flat within six decibels from 40 to 6,500 cycles and he'll say, "That's an excellent receiver." Latest type automatic volume control keeps signals steady and prevents blasting effect when tuning from weak to strong stations, and also protects the audio tubes from overloads, thus increasing their life.

Model B-87 — Lafayette 11-tube a.c. superhet chassis, complete with tubes and 12" dynamic speaker. For 95-130 volts, 50-60 cycles a.c. Dimensions: 16½" wide x 9¾" high x 10½" deep. Shpg. wt. 41 lbs. Code WREMO.

List Price \$91.50
YOUR COST **\$45.75**

Above available for 220 Volts at \$3.00 additional.

10 *Automatic* **DUAL RATIO** *Tuning*



The MIRACLE MIRROR

Dial
WITH Spotlight-Tuning

9 Inches
In Diameter
Edge Lighted

STONE EXPANDER AND CONTROL

A full range tone control, operating in the audio circuit, enables the owner to adjust the reproduction to suit his own tastes and the acoustical characteristics of the room. In the extended treble position a special high fidelity switch "opens up" the intermediate frequency circuits, allowing the passage of high frequency tones. An automatic compensating circuit increases the high and low frequency response at low volume levels.

"EYE" HELPS ELIMINATE TUNING NOISE

A latest type cathode ray tuning eye, mounted just above the edge of the "Miracle Mirror", allows accurate visual tuning. The user can turn down the volume control and tune for a station by watching the "eye" alone.

Rubber cushions on both the chassis frame and the three-gang tuning condenser completely do away with tone distortion due to chassis vibration. This provision is of particular importance in a powerful receiver such as this.

POWERFUL SUPERHETERODYNE

The following tube line-up gives the 11 tube superhet tremendous power, sensitivity and selectivity: four 6E7's, as r.f. amplifier, converter, first and second i.f. amplifiers; three 6CS's, as oscillator, audio and a.v.c. diode and audio amplifier; two 6F6's as push-pull audio amplifiers; one 5Z4 rectifier; and one 6G5 tuning indicator.

MASSIVE CONSOLE CABINET

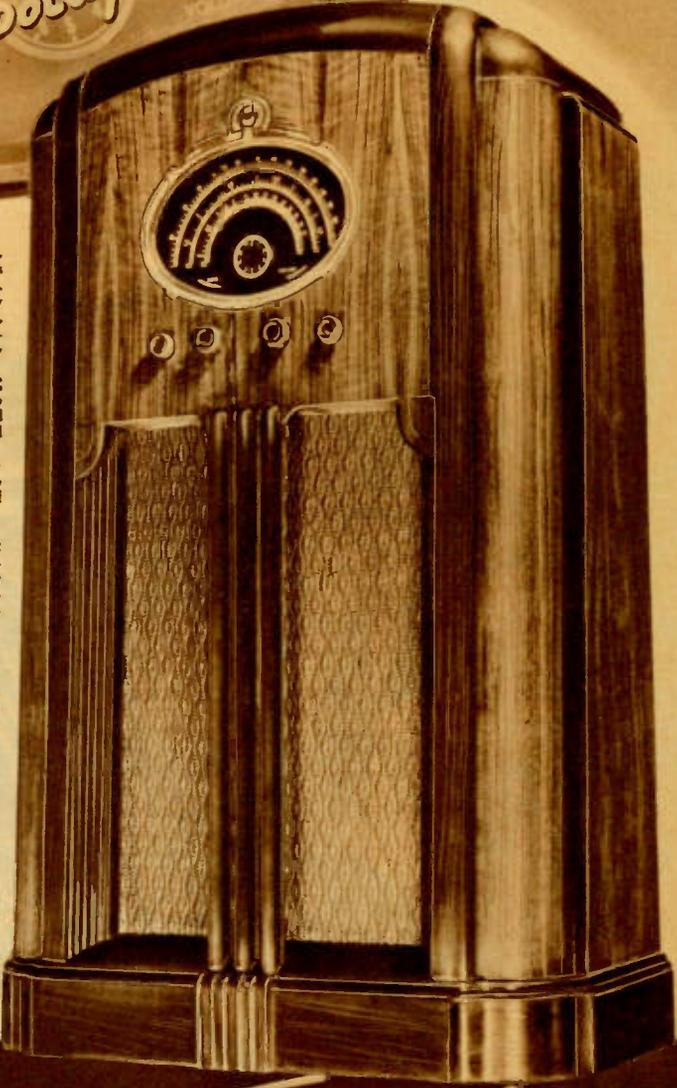
People who are looking for a fine new receiver to replace an obsolete one can do nothing better than to consider the massive, magnificent console, shown at the right, selected by Lafayette's style experts. In eye-opening beauty it fully matches the technical perfection of the chassis. Its curved top, broad, heavy base and its simple, arresting lines bespeak quality and good taste. Here is a radio receiver that will earn a place in the living room as a permanent piece of furniture, as a musical instrument capable of endless hours of joy and entertainment. Of magnificent, hand rubbed walnut veneer, providing enough baffle area for beautiful bass note rendition. A truly stunning console, at a price that represents a marvelous value.

Model B-66—Lafayette 11-tube a.c. superhet console style, complete with tubes and 12" dynamic speaker. For 95-130 volts, 50-60 cycles a.c. Dimensions: 26" wide x 41½" high x 14" deep. Shpg. wt. 86 lbs. Code WRIST.

List Price.....\$127.90 **\$63.95**

YOUR COST

Add \$3.00 to above for 220-Volt Operation



CUSTOM BUILT Throughout

Lafayette

CUSTOM BUILT Throughout

LUCKY indeed is the person who decides to buy one of the new Lafayette 13 tube all wave superheterodynes. Using two 12 inch dynamic speakers and two of the new 6L6 "beam power" audio output tubes, the tremendous output of TWENTY WATTS is realized. While this is enough to fill a large theatre with clear voice and music, its real value to the home is its ability to reproduce any kind of broadcast entertainment with the full-bodied tone and roundness that makes listeners believe they really are in the studio. The feeling of unlimited reserve power is evident from the instant the set warms up; five minutes at the "Miracle Mirror" dial and you will be experiencing a new conception of radio reception. And everything is under perfect control, with no blasting and no sudden bursts of sound from the loud speakers. A special automatic volume control "retarder" takes care of that! The Lafayette 13 tube superhet is truly an aristocrat in performance.

9-INCH "MIRACLE MIRROR" DIAL

The 9 inch "Miracle Mirror" dial, with the traveling spotlight indicator (see page 8 for enlarged view of this innovation) is uniformly illuminated by a new edge method. Station frequencies are accurately calibrated in megacycles figures, and an auxiliary micrometer logging indicator further simplifies the recording of settings for important domestic and foreign stations. This indicator has a 16-to-1 ratio to the main spotlight indicator, making for quick and easy "logging".

The automatic dual ratio tuning knob, with special planetary drive, will be a welcome and pleasant surprise to people accustomed to tricky "verniers". Turn the knob in one direction and it has a normal ratio of 8-to-1. If you hear a weak "peep" and you think you have passed a distant station, simply turn the knob the other way, without changing the position of your fingers. Magically, the drive ratio has increased to 40-to-1, and if the station is there you will be able to tune it in quickly and accurately.

ONLY FOUR KNOBS ON PANEL

Only four knobs control this high powered receiver: one for tuning, another for manual volume control, a third for tone control and tone expander, and the last for wave switching. The spotlight indicator appears only on the dial scale represented by the

position of the wave switch. The on-off switch is assembled on the back of the volume control, and snaps to the "off" position when the knob is turned all the way to the left. Power consumption from the a.c. line is 170 watts. The chassis is well ventilated and the set can be kept in operation over long periods.

Tube

13

TONE EXPANDER

HIGH FIDELITY

WARRANTY



The

MIRACLE MIRROR DIAL

WITH

SPOTLIGHT

INDICATOR

Splendid 13-Tube Twin-Speaker Console

**AUTOMATIC
Dual Ratio
TUNING**

The breathless beauty of the 13-tube console, illustrated below, cannot adequately be described. Of unusually massive construction, it supports the heavy chassis and the twin 12-inch dynamic speakers safely and easily, and provides a huge baffle area. The specially selected walnut veneer, the burl walnut front panel, with its beautifully figured grain, does not fail to excite "oohs" and "ahs" from people who see it.

RICHLY COLORED GRILLE
The richly colored brocade grille effectively conceals the two loud speakers, without in the slightest way affecting their naturalness of reproduction. Three vertical bars, rising to meet the instrument panel, lend a touch of strength and dignity.

The cathode ray tuning eye, so helpful in tuning-in stations without noise, is part of the dial escutcheon, and is readily observed by the person operating the tuning knob. The brilliance of the "Miracle Mirror" dial is enhanced by the piano like finish of the cabinet itself.

Model B-97 — Lafayette 13-tube a.c. superhet, console style as illustrated below, complete with tubes and two 12" dynamic speakers. For 95-130 volts, 50-60 cycles a.c. Dimensions: 43" high x 26½" wide x 12¾" deep. Shpg. wt. 106 lbs. Code WER9C.
List Price... \$129.00

\$79.50

YOUR COST
Available for 220 volts at \$3.00 additional.

THREE FULL TUNING BANDS

Three wavelength bands, quickly selected by a turn of the band switch on the front panel, cover the most active and interesting parts of the radio spectrum. The first range, 173 to 568 meters, takes in all domestic broadcasting, including the new high-fidelity stations now operating just below the former limit of the broadcast channel. The second range tunes from 51.8 to 175 meters, and yields innumerable police alarm stations, amateurs, airplane and airport stations, etc. The 75-meter amateur band in particular is a mine full of surprises, and the chatter of the "hams" is infinitely more entertaining than regular broadcasting.

RELIABLE FOREIGN RECEPTION

The third band, covering 16.4 to 52.2 meters, brings in foreign short-wave broadcasting, distant amateurs, trans-oceanic telephones and hundreds of experimental stations, mostly during daylight hours. London, Paris, Berlin, Rome, Geneva and other cities will come in with startling volume — at times much better than many nearby domestic stations. On the 20-meter amateur band, conversations between "hams" thousands of miles apart will leave you speechless with amazement. At night the 49-meter international broadcasting band is literally jammed with stations.

EXTRAORDINARY SENSITIVITY

The ability of the Lafayette 13-tube receiver to pick up weak and distant stations is nothing short of extraordinary. In technical terms, it is rated at better than one microvolt absolute ON ANY OF THE THREE BANDS. In a normal location, this means that the set will pull in practically everything in the air; the owner will probably never be able to exhaust its full possibilities as far as DX (distance) reception is concerned.

The selectivity has been kept high, to match the unprecedented sensitivity. It is ample for separation of all stations under average conditions, being rated at 18 kc. broad at 1,000 times down. In non-technical language it means simply that you can enjoy radio reception free of interference.

Fidelity is also of a high order, being flat within six decibels from 30 to 8000 cycles.

AUTOMATIC BASS COMPENSATION

Full, natural quality of reproduction is retained at low volume by an automatic compensating circuit.

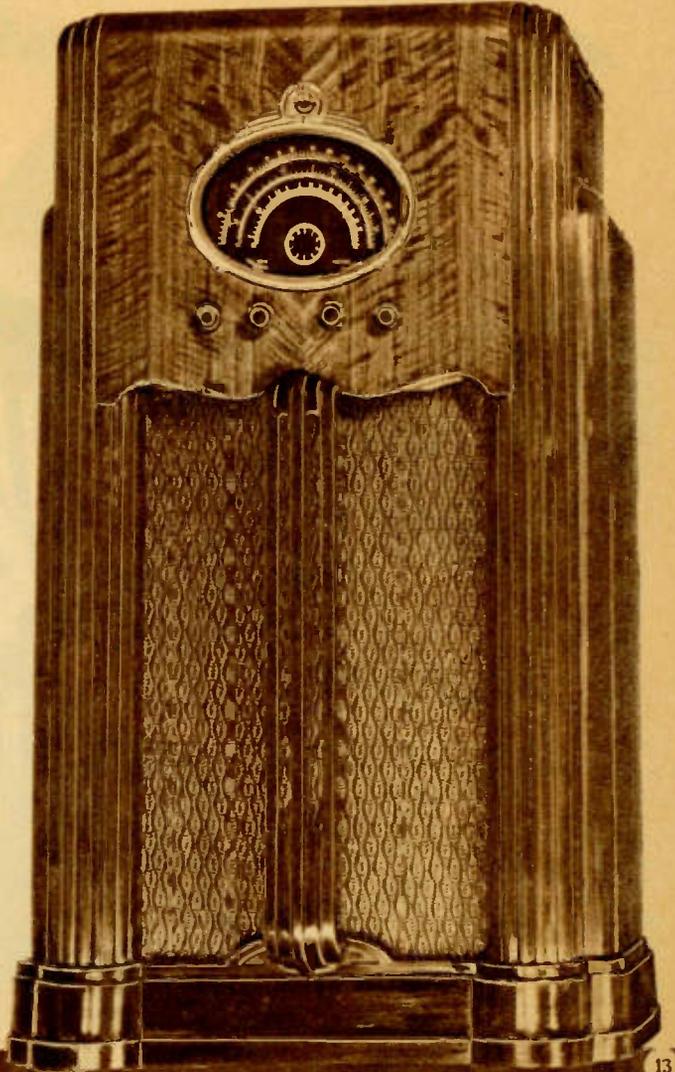
Power transformer trouble is a thing of the past with this receiver. The transformer provided works on any voltage between 95 and 130, without adjustment.

Tube line as follows: four 6K7's, as r.f. amplifier, converter, first and second i.f. amplifiers, three 6C5's as oscillator, a.v.c. retarder and audio amplifier, one 6H6 audio and a.v.c. diode, two 6L6 audio power amplifiers, two 5Z4 rectifiers, and one 6G5 tuning indicator.

Model B-97 — Lafayette 13-tube a.c. superhet chassis, complete with tubes and two 12" dynamic speakers. For 95-130 volts, 50-60 cycles. Dimensions: 20½" wide x 9¾" high x 12" deep. Shpg. wt. 68 lbs. Code WAINE.

List Price... \$129.00
YOUR COST **\$59.50**

Available for 220 volts at \$3.00 additional.



CONTINUOUS WAVE *Superhet*

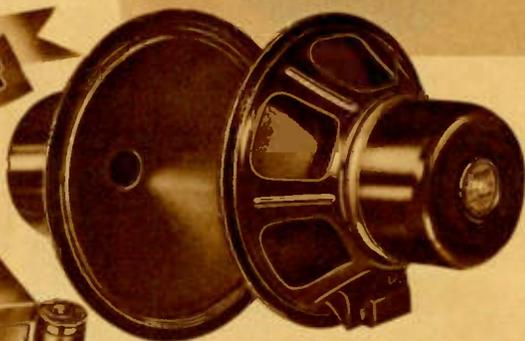
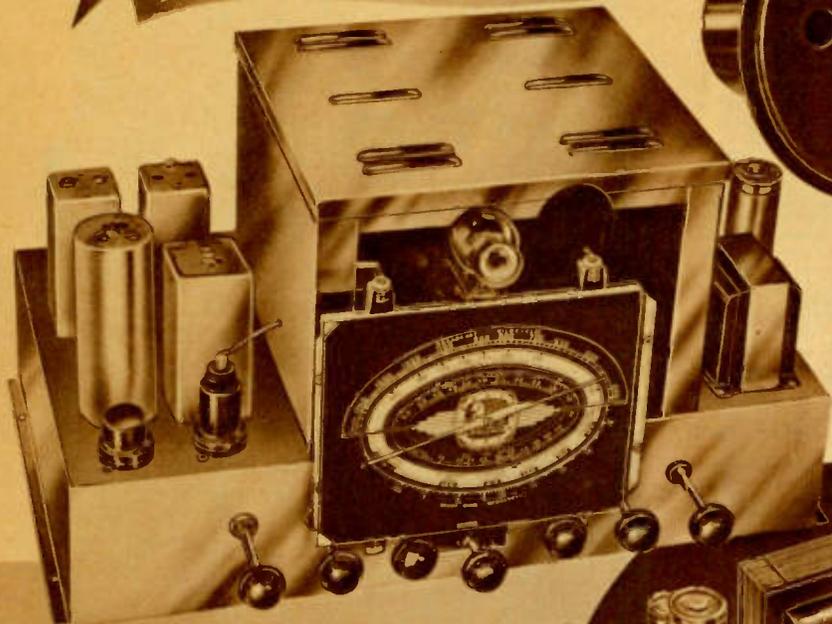
RADIO'S MIGHTIEST VOICE

Lafayette's MASTER ACHIEVEMENT

Tube

- 5 to 2060 Meters
- Uses FOUR New Beam Type 6L6 Metal Tubes
- Two Power Rectifiers
- Separate A.V.C. System
- All-Band R.F. Stage
- Diode Detection
- Separate Bass Boosting Amplifier Stage
- Auto-Tone Control
- Noise Suppression
- Iron-Core I.F.'s
- Beat Oscillator
- Full 60-Watt Output
- High-Fidelity Switch in the I.F. Circuits

HIGH FIDELITY SUPER HET



Price of Separate Chassis and Speakers

Model C-70 — Lafayette 24-tube all-wave superheterodyne, complete with all tubes, two 12" (8" deep) auditorium type speakers and instructions. Tuner is 20½" wide, 11¾" high, 14½" deep; pack, 19½"x8½"x8½". Wt. 154 lbs. Code GIRAS. 105-250 volts, 50/60 cycles a.c. List Price \$270.00

YOUR COST **\$135.00**

LAFAYETTE presents the peer of all radio receivers for the discriminating purchaser who desires to possess and enjoy the finest custom-built instrument available today.

It incorporates every modern development known in the field of radio science. Each part is hand-assembled in the laboratory and the complete unit custom-built to conform to the highest standards in the industry.

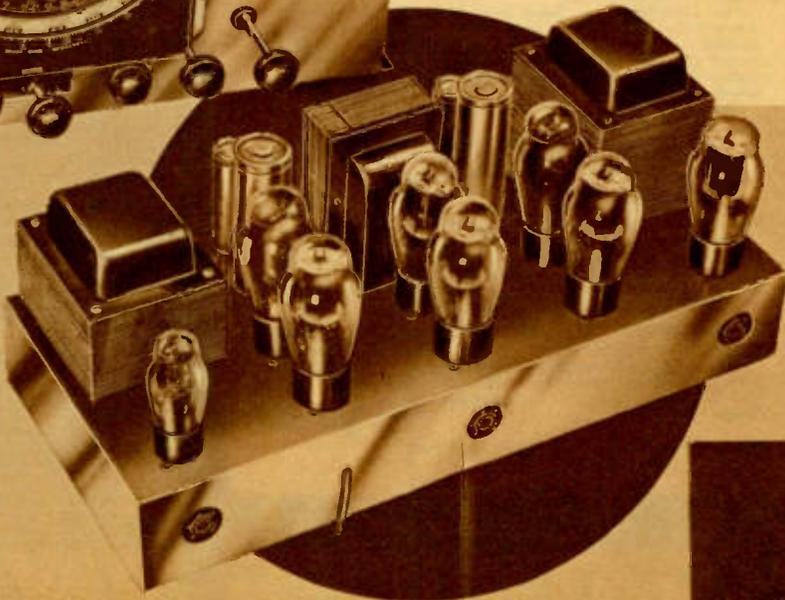
FEATURES 2-DECK DESIGN

Efficiency and flexibility are considerably increased by the use of 2-deck construction. The audio amplifier and power supply are incorporated on one chassis, while the entire r.f. assembly is on another. Both chassis are heavily plated with gleaming copper.

EMPLOYS TWO SPEAKERS

Two massive, 12" high-fidelity, auditorium-type, electro-dynamic speakers are used in order to do justice to the relatively enormous output of 60 WATTS OF UNDISTORTED ENERGY. This power is more than ample for schools, auditoriums, assemblies, outdoor gatherings and similar requirements, as well as in the home for which it is primarily designed.

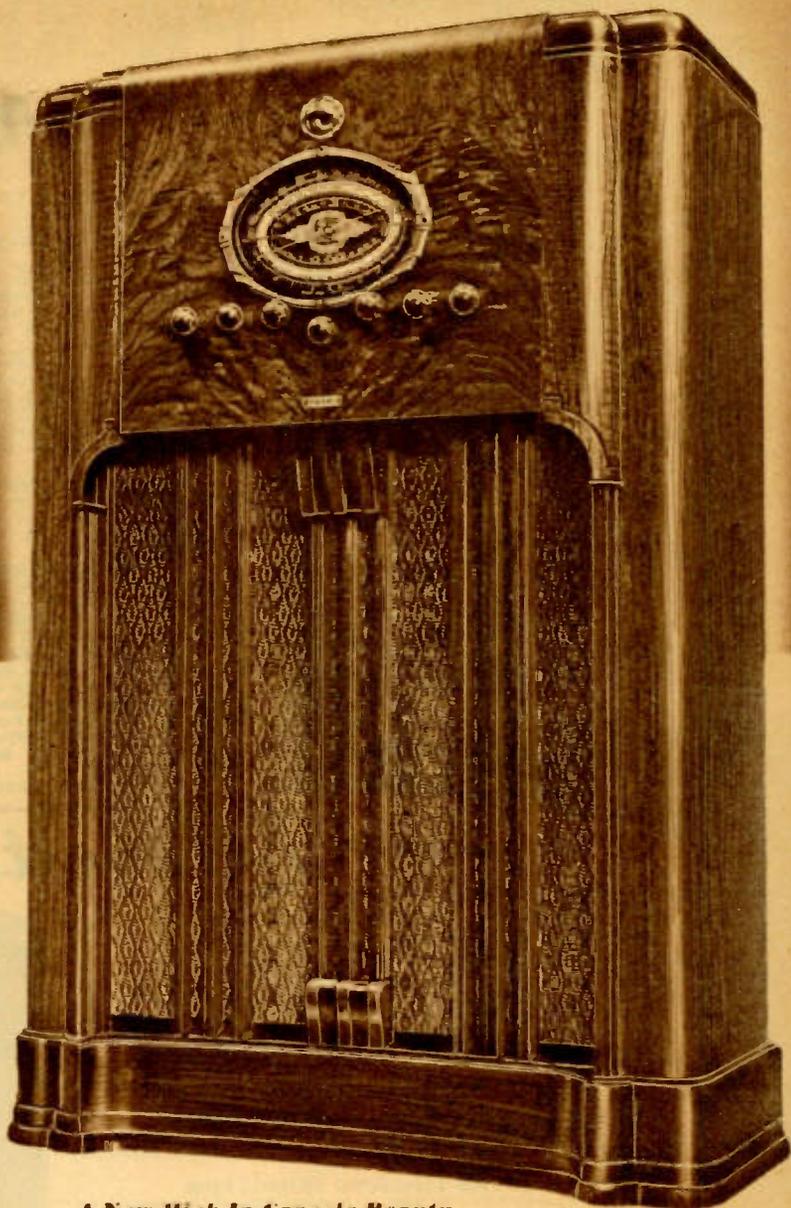
(Continued on the next page)



STREAMLINED

Style

24 tube CONSOLE



A New High In Console Beauty

A "Blue Ribbon" Approved Product

A LIST of the technical features of this receiver reads like an amazing account of the radio set of the future. Outstanding among them are:

ALL-WAVE RECEPTION

Practically every wave band in use today for broadcasting, as well as police, amateur, aircraft, ship and commercial short-wave broadcasts, is covered by this receiver in five tuning bands: 5-16.6 meters, 16.6-50 meters, 60-188 meters, 188-545 meters and 900-2000 meters. This includes European long waves.

NEW FREQUENCY CONTROL

A modern superheterodyne circuit, which employs several self-acting robot-like devices, uses the following tubes: 4-6L8's, 2-5X4G's, 1-6X5G, 7-6K7's, 1-6L7, 2-6A6's, 5-6C5's, 1-6J7, 1-6R7. Automatic frequency control is used to "pull" a station precisely into line; no longer need you worry as to whether the station is exactly tuned in.

"MAGIC EYE" TUNING

The eye of this tube literally blinks at you when the station is tuned in exactly; this means that you hear the full rounded tones minus background noises and interference.

NOISE SUPPRESSION

is automatic and eliminates the old annoyance of interstation noise when tuning from one station to another. Another automatic "robot" provides automatic tone control so that all the notes of every instrument in an orchestra are heard by you, and are not "lost."

HIGH-FIDELITY I. F.'S

The new Prizmatone high-fidelity switch in the I.F. circuits permits the passage of all frequencies for full tonal appreciation where selectivity is not highly essential. The I.F. transformers are of the iron-core type for maximum gain and selectivity.

SEPARATE BASS AMPLIFIER

The reproduction that you hear is a replica of that entering the microphone in the studio. No less than NINE automatic circuits are constantly working toward that end.

USES A HEAT OSCILLATOR

This device is a boon for the DX fan, as well as the c.w. (code) amateur. It permits the easy pickup of faint, far-away stations. Other features include a stage of r.f. amplification on all bands, dual power rectifiers, separate rectifier for a.v.c. voltages, linear diode detection and separate a.v.c. system.

A new type airplane dial employs second-hand mechanical bandspread, automatic band indicator, uni-control 2-speed tuning, full illumination and double-edged pointer.

The new console cabinet which houses this receiver is a revelation of taste and beauty. In modern lines lead charm and dignity. It is completely finished with matched walnut veneer and hand polished to a dazzling brilliance. All corners are rounded, and the oversized grille is inset in the organ manner and ironed with six artistic pillars. Seven walnut control knobs blend pleasantly with the matched walnut paneling, and the giant airplane dial fitted with a bronze escutcheon to match the console. It is fitting that the most beautiful console available be used to house the finest radio receiver made. Dimensions are 41" high, 24½" wide and 15" deep.

WIDE-RANGE TRANSFORMER

A new tapped, power transformer permits the operation of this set on any 50/60-cycle a.c. voltage in steps of 110, 115, 135, 150, 230 and 250 volts.

Model C-71—Lafayette 24-tube all wave superheterodyne console receiver, complete with all tubes and two 12" auditorium-type speakers. For 110-250 volts, 30/60 cycles a.c. Code GLAVO. Ship. wt 225 lbs.

List Price \$330.00

\$165.00

YOUR COST



PG. 5

MATCHLESS Super Deluxe BEAUTY

PHONO-RADIO For Lovers

- 8 Latest Type Tubes—Cathode-Ray Tuning
- 8" Concert Type Electro-Dynamic Speaker
- Continuous Tuning, 16.4 to 568 Meters

HERE is dependable world-wide reception, radio or phonograph reproduction in tones that will astound you with their beauty and realism, and eye-arresting console beauty to grace the finest home.

IMPROVED SUPERHETERODYNE CIRCUIT

An ultra-sensitive circuit employs eight modern tubes: three 6K7's as r.f. amplifier, converter and i.f. amplifier, a 6C5 oscillator, a 6Q7 audio amplifier, and diode a.v.c., a 6F6 audio power amplifier, a 6E5 cathode-ray visual tuning tube and a 5Z4MG full-wave rectifier.

OFFERS WORLD-WIDE ALL-WAVE RECEPTION

Three extended wave bands are covered: 16.4 to 52.2 meters, 51.8 to 175 meters and 173 to 568 meters. This embraces American and foreign short- and standard-wave broadcasts, police, amateur, airplane, commercial and all other short-wave services.

INCORPORATES TONE EXPANDER & CONTROL

A complete gradation of tone from low bass to the brilliant highs is enabled through a full-range tone control. In addition to the manual control there are automatic circuits which maintain full-range reproduction over the entire audio spectrum.

USES 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 pickup is of the high-fidelity type and offers record reproduction with studio faithfulness.

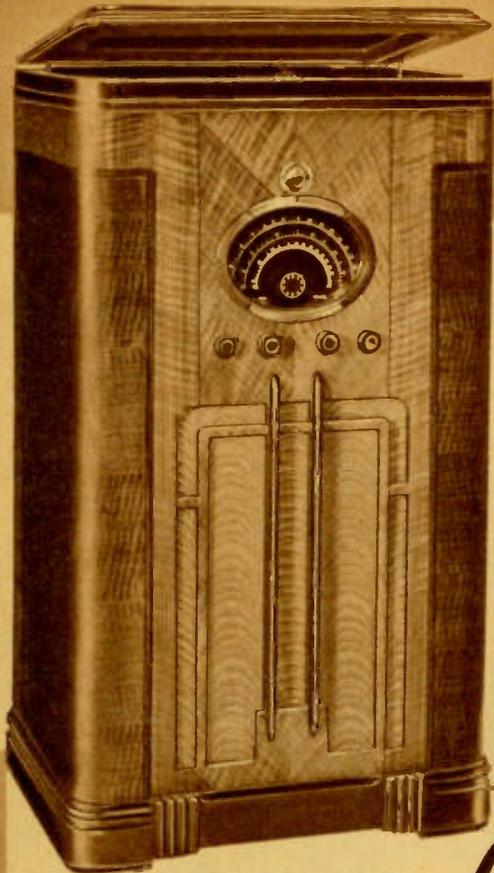
HANDSOME WALNUT CONSOLE

The cabinet which houses the complete combination is a picture of taste and beauty. It is finished with matched walnut veneer and is fronted with an attractive figured grille. Dimensions are 41" high, 23 1/4" wide, 15 1/2" deep. **Model B-83**—Lafayette 8-tube, 3-band radio-phonograph combination, complete with all tubes. For 95-130 volts, 50/60 cycles a.c. Code WINNA. Shpg. wt. 93 lbs. List Price **\$155.00**

YOUR COST COMPLETE

\$77.50

Add \$3.00 to Above Price for 220-Volt A.C. Operation



Custom-Built

Lafayette

- 11 Tubes—3 Bands, 16.4 to 568 Meters
- 12" Auditorium Type Dynamic Speaker
- Manual or Automatic Record Changer

THE Lafayette 11-tube, 3-band radio-phonograph combination incorporates an advanced superheterodyne receiver which offers world-wide reception, concert-type reproduction for both radio and recordings, cathode-ray visual tuning and exquisite beauty of console design.

CONTINUOUS SHORT-WAVE RECEPTION

Three wave bands are covered, 16.4 to 52.2 meters, 51.8 to 175 meters, 173 to 528 meters. These take in American and foreign short-wave and standard broadcasts, amateur, air plane, police and commercial stations.

EIGHT WATTS UNDISTORTED OUTPUT

Unusually fine reproduction at either low or high volume is assured by the finely engineered audio circuit, a full 12" electro-dynamic speaker, automatic bass compensation and tone expander and control.

MICROMETER LOGGING INDICATOR

Accurate logging of short-wave stations is assured through the use of an accessory pointer having a ratio of 16 to 1 with relation to the regular station indicator. A dual-speed planetary drive is used.

AVAILABLE WITH AUTOMATIC CHANGER

The phonograph compartment houses a two-speed Green Flyer a.c. motor (in model B-89), and a high-fidelity pickup which plays up to 12" recordings. Model B-91 is equipped with a Packard automatic record changer; this device plays eight 10" records automatically, repeating or rejecting any record at will. Plays 12" records manually.

The complete assembly is built into a stunning walnut-veneered modernistic cabinet with stop-hinged top. Size 41 1/2" high, 23 1/4" wide, 16" deep.

Complete Technical Details are found on Pages 10 and 11.

Model B-89—Lafayette 11-tube, 3-band, radio-phonograph combination complete with all tubes and Green Flyer motor. For 95-130 volts, 50/60 cycles a.c. Code WIRUS. Shpg. wt. 98 lbs.

List Price **\$185.00**

YOUR COST COMPLETE

\$92.50

Add \$3.50 to Above Price for 220-Volt Operation

Model B-91—Lafayette 11-tube, 3-band radio-phonograph combination, complete with all tubes and Packard automatic record changer. Code WEKNA. Shpg. wt. 105 lbs.

List Price **\$205.00**

YOUR COST COMPLETE

\$102.50

Add \$5.00 to Above Price for 220-Volt Operation

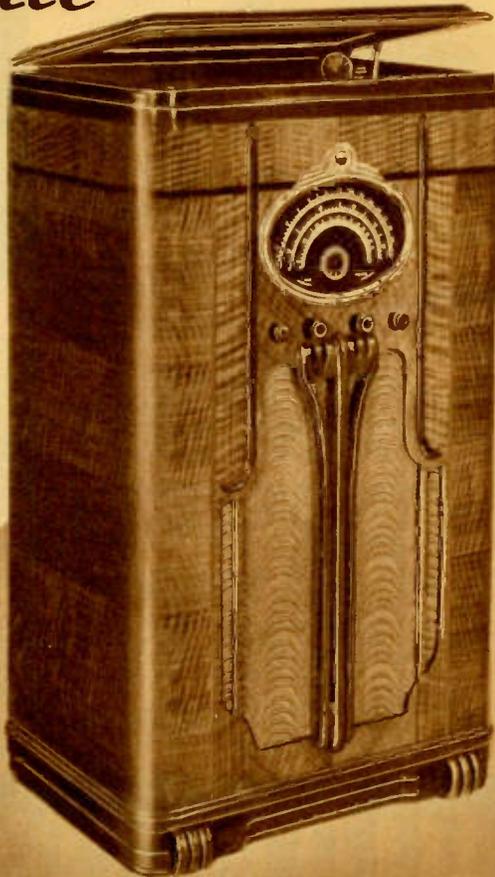
Model 943—Blank modernistic walnut-veneered cabinet as described above, but no provision for phonograph. Code SCANO. Shpg. wt. 62 lbs.

YOUR COST **\$23.95**

Model 940—Blank modernistic cabinet as described above, but with phonograph compartment.

Code SCIDE. **\$27.50**

YOUR COST



COMBINATIONS of Music

- 13-Tube, 3-Band Superheterodyne
- Twin 12" Speakers - Visual Tuning
- Amplified A.V.C. - Tone Expander
- High-Fidelity Reproduction

LAFAYETTE presents the 13-tube, 3-band, superheterodyne radio-phonograph combination surpassed only by the Lafayette 24-tube combination described below, as the finest instrument of its kind available today.

CONTINUOUS SHORT-WAVE COVERAGE

European and American short-wave and standard-wave broadcast stations as well as amateur, police, aircraft and commercial short-wave stations are covered by three extended bands. 16.4 to 52.2 meters. 51.8 to 175 meters, and 173 to 528 meters.

TWENTY WATTS UNDISTORTED OUTPUT

A total of 13 tubes is employed in an advanced superheterodyne circuit: 4-6B7's, 3-6C5's, 1-6H6, 2-6L6's, 2-5Z4's and 1-6G5 cathode-ray tuning indicator. Amplified automatic volume control is used.

TWIN 12" DYNAMIC SPEAKERS

Two 12" auditorium type electro-dynamic speakers complement one another, assuring full reproduction of all tones.

Model B-99 is equipped with a 2-speed (33 $\frac{1}{3}$ and 78 r.p.m.) Green Flyer motor and turntable. A high-fidelity pickup takes up to 12" records. Model B-79 employs a Capehart automatic record changer which plays ten 10" or 12" recordings continuously without attention.

In massive console cabinet, 48 $\frac{3}{4}$ " high, 28 $\frac{1}{4}$ " wide, 18" deep.

Model B-99 - Lafayette 13-tube, 3-band radio-phonograph combination, complete with all tubes and Green Flyer motor. For 95-130 volts, 50/60 cycles a.c. Code WAHRO. Shpg. wt. 225 lbs. List Price **\$339.50**

YOUR COST COMPLETE

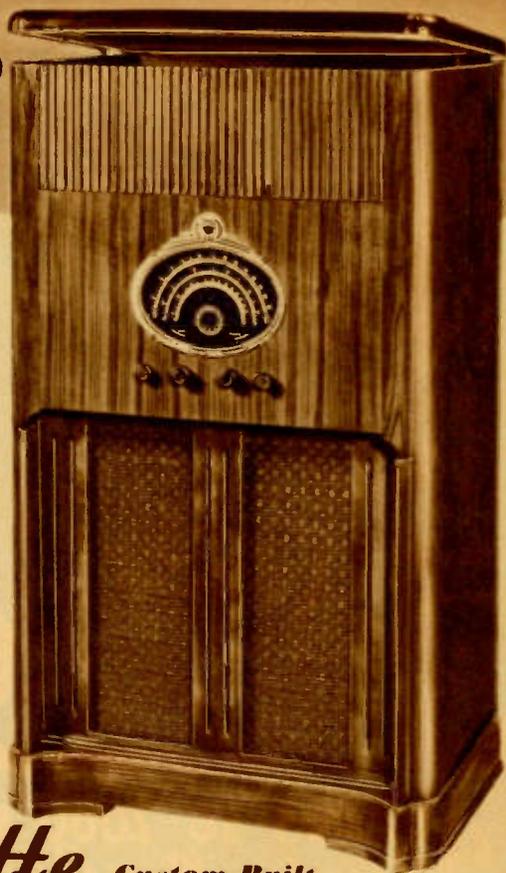
\$119.75

Model B-79 - Lafayette 13-tube, 3-band radio phonograph combination as above, but with Capehart automatic record changer. Code WISTA. Shpg. wt. 250 lbs. List Price **\$329.00**

YOUR COST COMPLETE

\$164.50

Either Above Models for 220-Volt a.c. Operation. Add \$5.00



Lafayette Custom-Built

- 24 Latest Type Tubes - Five Bands
- Continuous Tuning, 5 to 2060 Meters
- The Peer of All Radio Combinations

Nothing available today can approach this 24-tube, all-wave radio-phonograph combination for sensitivity, selectivity, beauty of tone, simplicity of operation and appearance.

HAS OUTPUT OF SIXTY WATTS

This relatively enormous output can be used for dance-halls, auditoriums, schools, etc., although it was primarily designed for the home.

TWO HIGH-FIDELITY SPEAKERS

The use of two auditorium type electro-dynamic speakers assures perfect radio and record reproduction even with maximum volume. Sufficient controls are incorporated to permit any degree of control of this power.

ALL-WAVE COVERAGE

The bands of this receiver cover practically every broadcast frequency in use today. This includes European and American short, standard and long waves, as well as the usual police, amateur, aircraft and other short-wave services.

HAS VISUAL TUNING

Only a partial list of the innumerable features found in this combination can be given; some of them are: cathode-ray tuning eye, separate automatic volume control, automatic tone control, beam power (6L6) output tubes, automatic frequency control, beat oscillator, iron-core i.f.'s, an r.f. stage on all bands, automatic band indicator, high-fidelity switch in the i.f. circuits and inter-station noise suppression.

The console cabinet which houses the complete combination is an object of massive beauty. It is thoroughly modern in every line and finished in rich walnut. It is ideally designed for home, school or public place. Dimensions are 48 $\frac{3}{4}$ " high, 28 $\frac{1}{4}$ " wide and 18" deep.

FURTHER DETAILS ON PAGES 14 AND 15

Model C-72 - Lafayette 24-tube, 5-band superheterodyne radio-phonograph combination complete with all tubes and two-speed Green Flyer motor. For 110-250 volts, 50/60 cycle a.c., operation. Code GACIA. Shpg. wt. 297 lbs.

List Price **\$398.00**

YOUR COST COMPLETE

\$199.00

Model C-73 - Lafayette 24-tube, 5-band superheterodyne radio-phonograph combination as above, but with Capehart automatic record changer. Plays ten 10" or 12" records continuously without attention. Code GEMON. Shpg. wt. 320 lbs.

List Price **\$479.00**

YOUR COST COMPLETE

\$239.50

For 220-V. a.c. Add \$5.00



12 Tube AGDC

Visual Tuning
10" Dynamic Speaker
Uni-Control Two-Speed Tuning
Automatic Volume Control—Full Tone

In this 12-tube a.c.-d.c. all-wave superheterodyne, Lafayette engineers have produced a receiver that boasts world-wide reception and tone quality that will amaze and delight the most ardent music-lover.

SHORT, STANDARD, LONG WAVE RECEPTION

This receiver is literally a distance-getter. It covers every broadcast band in popular use, as well as police, amateur, aircraft, ship and commercial short-wave stations. All American short- and long-wave stations are covered, as are the European short- and long-wave stations. The four ranges are 16 to 51 meters, 50 to 174 meters, 166 to 555 meters and 870 to 2060 meters (European long wave).

"MAGIC EYE" TUNING INDICATOR

A 6G5 cathode-ray tube is employed as a visual tuning indicator. This device makes precision tuning a simple matter and assures perfect tuning of a station with consequent improved reproduction. In beautiful walnut veneer cabinet, 16 1/4" wide, 23 3/4" high, 12 1/4" deep.

FULL TECHNICAL DETAILS ARE GIVEN BELOW

Model C-61 — Lafayette 12-tube a.c.-d.c. all-wave superheterodyne mantel receiver, complete with tubes. For 110 volts a.c.-d.c. operation. Code GEBOT. Shpg. wt. 50 lbs.

List Price... \$109.00
YOUR COST **\$54.50**

Add \$3.00 to Above For 220-Volt Operation.

Model C-52 — European model same as above but designed for 110 to 250 volt, 50/60-cycle a.c. operation, Code GUBIR. This model has 11 tubes.

List Price... \$109.00
YOUR COST **\$54.50**



MODEL G-61
\$54.50

4 BANDS - 16 - 2060 METERS
Equatone Bass Compensation

Lafayette
SUPERHET

*Brings the World Into Your Home
Superb Beauty For Both Eye and Ear*

The console illustrated at the right includes all the features described above and others outlined here that apply to both this console model and the mantel model shown above.

USES R. F. STAGE ON ALL BANDS

Full use is made of twelve high-gain, multi-purpose tubes in a modern superheterodyne circuit. They include a 6G5 tuning eye, a 6A8G 1st detector-oscillator, 2-6K7 r.f. and i.f. amplifiers, a 6H6G diode-2nd detector and a.v.c. tube, a 6CSG 1st audio amplifier, 4-25A6 output amplifier tubes and 2-25Z6 rectifiers.

AUTOMATIC BAND INDICATOR

One of the numerous features of this receiver is found in the new type airplane dial which incorporates the new Vision Master, multi-colored dial scale, a precision, vernier second hand for mechanical band-spread, automatic band indicator and uni-control, two-speed tuning. "Tuning-in" becomes a pleasure with this dial.

10" ELECTRO-SYMPHONIC SPEAKER

Tone quality has been emphasized in the design of this receiver to an unbelievable extent. The powerful output of FOUR 25A6's are fed into a full 10" electro-dynamic loud speaker which reproduces the entire audio range with uncanny fidelity and thrilling brilliance. A glance at the grille on the console at the right will indicate the relatively large area devoted to quality baffling.

FULLY VARIABLE TONE CONTROL

A unique tone control offers a personal choice of pitch to suit your taste. It is continuously variable from the lowest base to the highest treble and serves also to minimize background noises if present. It is so designed that when turned to the maximum treble position it is out of the circuit completely and does not affect the quality.

INDIVIDUAL COIL SYSTEM

The new Centro-Master Automatic control unit which is used in this receiver is made up of a scientifically grouped set of individual coils for each band. Each coil is so placed that losses and r.f. linkage are reduced to a minimum.

BEAUTIFUL MODERN CONSOLE

The housing for this receiver is one of the most beautiful console cabinets available. It is a smart example of the new modern school with its rounded edges and rich walnut veneer finish. Three columns front the speaker grille which is woven to match the finish of the console. Dimensions are 26" wide, 41 1/2" high and 14" deep.

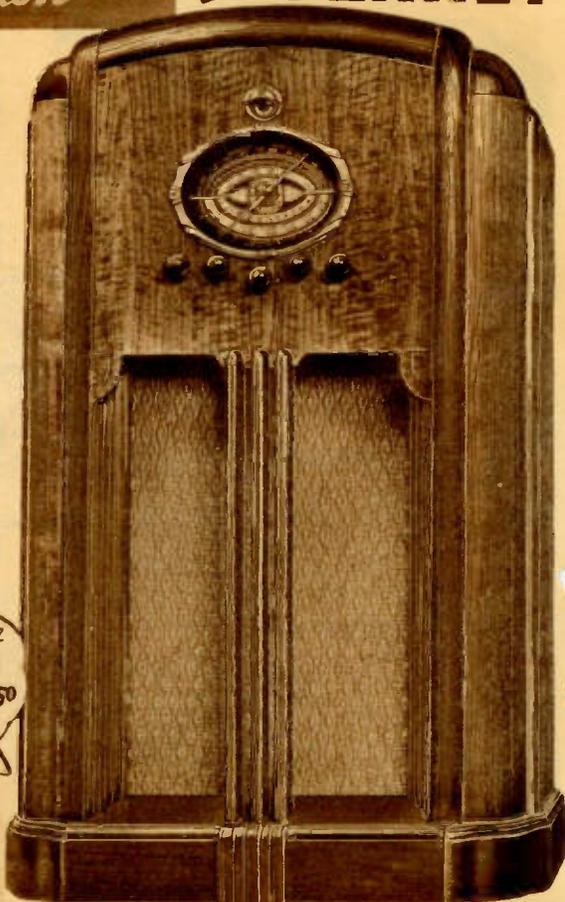
Model C-62 — Lafayette 12-tube, 4-band, all-wave console-type superheterodyne receiver, complete with all tubes and all instructions. For 110 volts a.c. and d.c. operation. Code GODRA. Shpg. wt. 82 lbs.

List Price... \$135.00
YOUR COST **\$67.50**

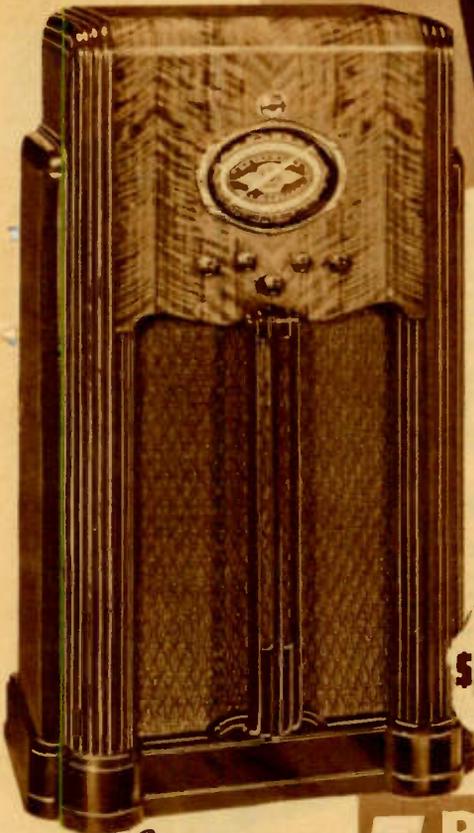
Add \$3.00 to Above for 220-Volt Operation.

MODEL G-62
\$67.50

An
Approved
"Blue
Ribbon"
Product



Lafayette "BLUE-RIBBON"



16 Tube AC-DC

**IRON-CORE I.F.'s
AUTOMATIC TONE SUPPRESSION
INTERSTATION NOISE SUPPRESSION
R.F. PRE-SELECTION STAGE ON ALL BANDS**

THE Lafayette 16-tube, a.c.-d.c. all-wave superheterodyne is designed to offer everything that the radio purchaser desires in his receiver. It is a modern 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 console cabinet and can easily be operated by any member of the family.

HAS A COVERAGE OF 5 TO 2060 METERS

This phenomenal range is accomplished in five bands and covers 5 to 17½ meters, 16 to 51 meters, 50 to 174 meters, 166 to 555 meters and 870 to 2060 meters. Tunes American, foreign stations, police, amateur, aviation, ships at sea, government weather and press reports, European long wave and the new, interesting ultra-short waves now being developed.

IMPROVED VISION MASTER DIAL SCALE

Features a unique multi-colored scale, band spread magna-dial and precision vernier second hand, uni-control two-speed tuning and white double-edged pointer. Dial illumination is uniform and pleasing.

10" HIGH-FIDELITY FULL FLOATING SPEAKER

Reproduction is startling in its realism. All notes are reproduced with brilliant fidelity through the newly developed 10" auditorium-type speaker.

More Technical Details Are Found Below

The console cabinet is an outstanding thing of beauty. It is sturdily constructed and finished with matched walnut veneer panels. A brilliant hand-rubbed finish adds to its impressive appearance. Fluted corner columns climb completely around the cabinet and match the grille-fronting pillars. The base is designed so as to form Grecian bases for the columns. Overall dimensions are 26½" wide, 43" high, 12¾" deep.

Model C-66—Lafayette 16-Tube, A.C.-D.C. All-Wave Superheterodyne Console Receiver, complete with all tubes. For 110 volts a.c. and d.c. operation. Code GATTO. Shpg. wt. 87 lbs.

List Price **\$177.00**
YOUR COST **\$88.50**

Add \$3.00 to Above Price for 220-Volt Operation.

MODEL C-66
\$88.50

**Lafayette
SUPERHET**

5 BANDS - 5 to 2060 METERS
15 WATTS High Fidelity Output

**PUTS THE WORLD AT YOUR FINGER-TIPS
FULL FLOATING 10" DYNAMIC SPEAKER
AUTOMATIC TONE CONTROL**

THE Lafayette 16-tube, a.c.-d.c. all-wave mantel type superheterodyne receiver incorporates the same technical features as those enumerated above plus the additional features described here. It differs from the console model illustrated above only in the cabinet which houses it. Those who prefer this type of cabinet for various reasons, will find in this receiver every possible feature they can desire.

CATHODE-RAY TUNING INDICATOR

The superheterodyne circuit used incorporates the new Contro-Master automatic control unit and employs the following tubes: a 6G5 cathode-ray tube for visual tuning, a 6L7G converter, 5-6E7G's as r.f. amplifier, two i.f. amplifiers, automatic tone control tube and an oscillator, a 6H6G diode detector and automatic volume control, two 6C5G's as first and second audio amplifiers, 4-25A6G audio output amplifiers and two 25Z6 rectifiers.

BASS ACCENTUATING CONTROL

Every modern development for the improvement of reproduction is embodied in this set. Continuously variable tone control offers a wide range of bass or treble emphasis to suit the personal taste of the listener. Automatic compensators further assist in assuring full-range reproduction; every note is heard—not "lost". Full-range reproduction insurance takes place in the intermediate frequency circuits before reaching the audio amplifier tubes. The new Prizmatone high-fidelity circuit permits wide band passage in the i.f. circuits when quality and not selectivity is the prime factor.

PANEL CONTROLLED PHONOGRAPH JACK

Other up-to-the-minute features found in this receiver include octal tube sockets, variable selectivity, ultra sensitivity, diode detection and a high image frequency suppressor. A new individual coil system is designed to permit maximum efficiency for each band by eliminating undue linkage and long leads. A "dead-end" switch further decreases losses on the high frequencies.

Housed in a beautiful cabinet of modern design. Finished in walnut veneer. 23¾" high by 16¼" by 12½".

Model C-65—Lafayette 16-Tube, 5-Band, All Wave, A.C.-D.C. Superhet Mantel Receiver, complete with all tubes. For 110-volt a.c. and d.c. operation. Code GLEBI. Shpg. wt. 50 lbs. List Price **\$139.00**
YOUR COST **\$69.50**

Add \$3.00 to Above Price for 220-Volt Operation.

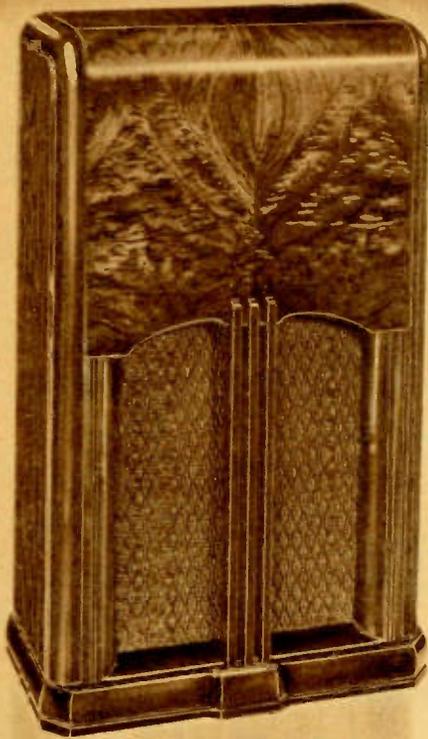
Model C-64—Foreign model, 14 tubes. Tapped for 110, 115, 135, 150, 230 and 250 volts, 50/60-cycle a.c. operation but otherwise similar to above. Code GIHAR. YOUR COST **\$69.50**

MODEL C-65
\$69.50



QUALITY THROUGHOUT!

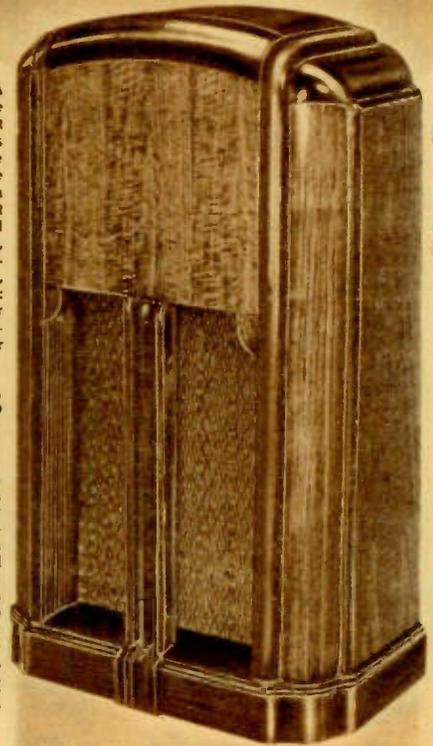
Console and Combination



MODERNE (at left)

Modern beauty—modern style. A console cabinet that will grace the most tastefully furnished room. Butt walnut veneers used on top, sides and front, with deeper toned side pillars and base. Recessed grille covered by figured dull gold cloth and fronted by three matched walnut posts. High polished, hand rubbed finish. Overall size: 22 $\frac{3}{4}$ " wide, 38 $\frac{3}{4}$ " high, 10 $\frac{1}{2}$ " deep. Inside dimensions: 20 $\frac{3}{4}$ " wide, 34 $\frac{1}{4}$ " high, 9 $\frac{5}{8}$ " deep. Instrument panel area: 17" wide, 12" high. Ample space for large chassis, with acoustically perfect sound chamber for the power speaker. Shpg. wt. 45 lbs.

Model 903—Code WGANO.
List Price... \$31.90
YOUR COST..... **\$15.95**



VALIANT (at right)

Dignified—imposing—elegant. It is difficult to describe with the written word the inherent charm and beauty of this superb console cabinet. Constructed with the finest straight grain walnut veneers on top, front and sides. Base, top and front pillars are of a deeper tone, presenting an attractive contrast. Recessed grille covered by dull gold cloth and fronted by a neat group of three walnut pillars. Overall size: 26" wide, 41 $\frac{1}{2}$ " high, 14" deep. Inside dimensions: 23 $\frac{3}{4}$ " wide, 35" high, 11 $\frac{1}{2}$ " deep. Instrument panel area: 12 $\frac{1}{2}$ " wide, 12" high. Shpg. wt. 55 lbs.

Model 905—Code WGETE.
List Price... \$46.50
YOUR COST..... **\$23.25**

MODERN Lafayette DESIGNS

REVERE (at left)

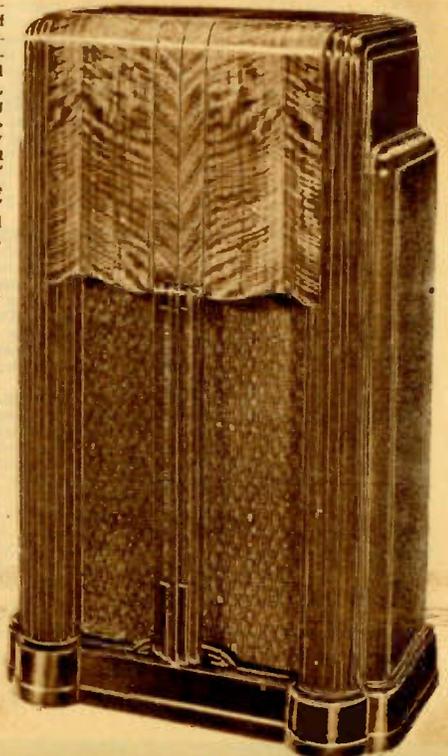
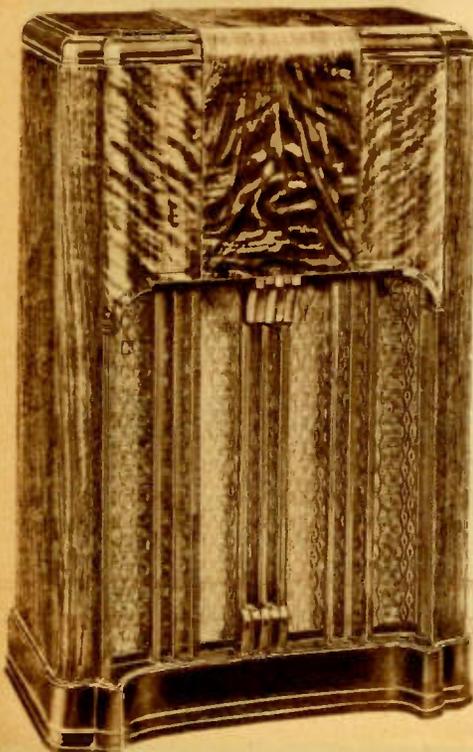
Designed to house the largest radio receivers, this striking console represents the best efforts of the world's finest furniture craftsmen. For beauty—quality—adaptability it has no equal. Selected butt walnut is used for the top, sides and front, with contrasting tones on base and top panels. Recessed grille is fronted by three imposing groups of walnut pillars. Overall dimensions: 28 $\frac{1}{2}$ " wide, 44" high, 15" deep. Inside dimensions: 25 $\frac{1}{2}$ " wide, 38" high, 14" deep. Instrument panel area: 19" wide, 11" high. Shpg. wt. 110 lbs.

Model 955—Code GCAMO.
List Price \$65.00
YOUR COST..... **\$32.50**

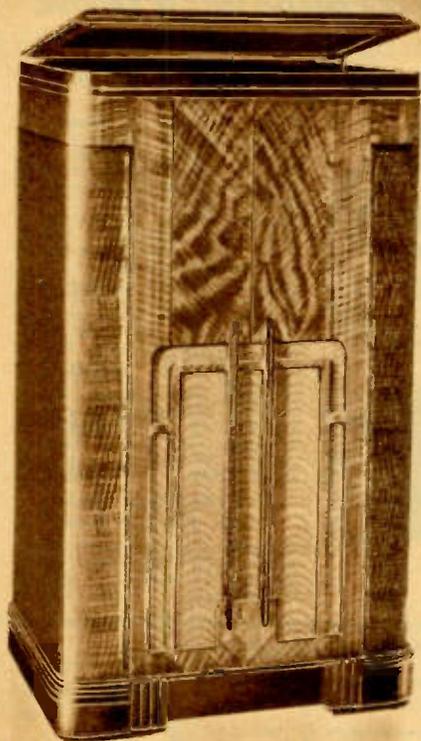
CHALET (at right)

Butt walnut hardwood veneers are blended in a modern, beautiful style in this console. Even the most critical taste cannot fail to be satisfied. Unique "billowed" side pieces are used, and combined with the rounded carved base, present a striking picture. The recessed grille is fronted by a triple column of walnut. Sizes attractively carved and fluted. Overall dimensions: 26 $\frac{1}{2}$ " wide, 43" high, 12 $\frac{3}{4}$ " deep. Inside dimensions: 21 $\frac{3}{4}$ " wide, 38" high, 12" deep. Instrument panel area: 14 $\frac{1}{2}$ " wide, 12 $\frac{1}{2}$ " high. Shpg. wt. 58 lbs.

Model 908—Code WGISA.
List Price \$55.00
YOUR COST..... **\$27.50**



Cabinets of CHARM and BEAUTY



PATRICIAN (at left)

This large, deluxe phono-radio cabinet, with its neat, simple and beautiful lines, will prove a welcome acquisition to any suite of furniture. Selected straight grained walnut veneers are blended in a handsome pattern. Deep toned sides, with lighter instrument panel. Stripings on front and sides. Overall size: 23 $\frac{1}{4}$ " wide, 41" high, 15 $\frac{1}{2}$ " deep. Inside: 21 $\frac{1}{4}$ " wide, 33" high, 13 $\frac{1}{4}$ " deep. Instrument panel area: 14 $\frac{1}{2}$ " wide, 10" high. Shpg. wt. 60 lbs.

Model 937—Code SCALE.

List Price . . . \$47.99

YOUR COST . . . \$23.95

Model 939—Same as above, but without combination features. Shpg. wt. 58 lbs. Code SCAPE.

List Price . . . \$39.99

YOUR COST . . . \$19.95

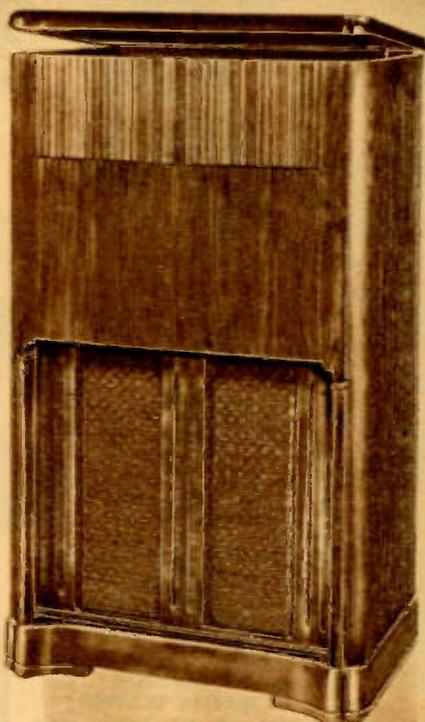
ARIA (at right)

A desirable piece of furniture for the well furnished home. This handsome combination phono-radio console is built with straight grain walnut veneers. Two-toned blended design, coupled with the carved base and top pieces, provides an overall appearance of elegance. Recessed speaker grille covered by a dull gold cloth and fronted by a carved walnut pillar. Overall dimensions: 28 $\frac{3}{4}$ " wide, 48 $\frac{3}{4}$ " high, 18" deep. Inside dimensions: 25 $\frac{3}{4}$ " wide, 32 $\frac{3}{4}$ " high, 17 $\frac{1}{2}$ " deep. Instrument panel area: 19" wide, 11" high. Shpg. wt. 165 lbs.

Model 957—Code GCAVE.

List Price . . . \$90.00

YOUR COST . . . \$45.00



in SELECTED HARDWOODS

STATESMAN (at left)

A word description cannot do full justice to this beautiful console—it must be seen to be fully appreciated. Designed in the semi-modern style, with straight line effect in front and on sides, and curved top piece. Vari-toned quartered figured walnut veneers are used throughout. Bottom piece fluted, and with rounded corners. Speaker grille covered by dull gold cloth and fronted by a double curved column of walnut. Overall dimensions: 22" wide, 38" high, 12" deep. Inside dimensions: 21" wide, 37" high, 11" deep. Instrument panel area: 12" wide, 12" high. Shpg. wt. 41 lbs.

Model 935—Code SCOFA.

List Price . . . \$29.99

YOUR COST . . . \$14.95

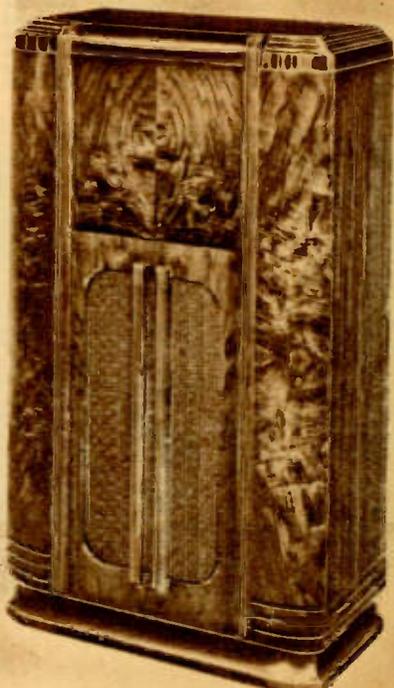
MADISON (at right)

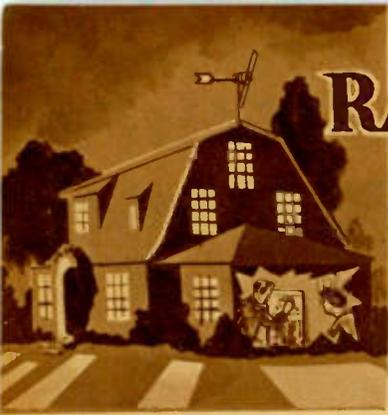
This large console cabinet is designed for the discriminating purchaser who demands excellent furniture. The flowing lines, quality construction and overall beauty of appearance will delight the most critical. Butt walnut veneers are used throughout, with contrasting side and front panels. Fluted front pillars, new type "protruding" base and neatly carved top enhance the finished picture. The speaker grille is covered by a figured gold grille cloth and protected by a double carved column of walnut. Overall dimensions: 23" wide, 40" high, 12" deep. Inside dimensions: 21 $\frac{1}{2}$ " wide, 35" high, 10" deep. Instrument panel 12" wide, 11" high. Shpg. wt. 48 lbs.

Model 953—Code GCERE.

List Price . . . \$33.99

YOUR COST . . . \$16.95





RADIO-ELECTRIC LIGHT

Enjoy City Radio Reception with these

RURAL-POWER GAS DRIVEN GENERATORS

Light and Power From YOUR Plant

THESE units are designed to charge radio, automobile and tractor batteries for lighting on farms, boats, at camp, etc., and for belt-driving tools and appliances.

RATED AT 1/2 H. P.

The engine is a 4-cycle, single cylinder, "L" head, air-cooled type with suction carburetor and is conservatively rated at 1/2 horse-power at 2350 r.p.m. It features fly-ball type of governor and low-tension ignition. The generator is a shunt-wound, d.c. high-efficiency type.

Equipped with a mounted ammeter which indicates rate of charge. Model D, listed in the price box at the right, is equipped with a push-button self starter which operates from the battery on the generator; a special winding makes possible this convenient device. In addition, it is equipped, also, with a hand rope-starter for emergency. Model C is furnished with a rope hand-starter only.

BUILT-IN RADIO FILTER

All units are equipped with built-in radio interference filters so as to insure noise-free radio reception when the unit is running. Both models C and D have one-quart fuel tanks, and will operate 5 hours on one filling at 150 watts.

EQUIPPED WITH SILENCER

An additional and highly desirable feature is found in the use of a silencer attached to the engine exhaust. Exhaust noise is therefore practically eliminated.

SIMPLE TO OPERATE

Overall dimensions are 16" long, 11" wide and 10" high. These compact dimensions permit the unit to be set up wherever space is at a premium. All units are furnished complete 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 and will continue to give dependable, trouble-free service with no more than the customary attention



These amazingly low prices now make it possible for every farm, outlying residence, camp, boat, etc., to enjoy the convenience and advantages of 20th century lighting and power.

W17230—Model D, charges 6 and 12-volt batteries at 150-250 watts. With both push-button and rope hand-starter. Shpg. wt. 70 lbs. **YOUR COST \$35.75**

W17231—Model C, for charging 6-volt batteries, 150 watts. With rope hand-starter only. Wt. 70 lbs. **YOUR COST \$29.95** Complete

W17232—For charging 32-volt batteries, 250 watts. **YOUR COST \$44.96**

W17233—For 32-volt lighting systems; 250 watts. **YOUR COST \$44.96**

6-Volt Light Bulbs with Edison Base

W12255—15-watt, draw 2.5 amps. **W12256**—25-watt, draw 4.2 amps. **YOUR COST, each 35c** Either Type

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 and tractor batteries—as well as the expense of recharging them. This new, improved Rural-Power Wind-charger charges up to 16 amperes using a new type of double-sealed ball-bearing generator which can be removed for inspection or repaired 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. Protective metal sheathing on the leading edges of the propeller prevent damage in hail, sleet, snow and sand. Electrical outlets are shielded from ice, sun and rain for positive action.

WITH INSTRUMENT PANEL

Each unit is supplied with an instrument panel consisting of a cutout and indicating ammeter, 6-foot steel tower for flat or gable roof and tail vane and complete instructions. Shpg. wt. 65 lbs. **W17224 \$19.75** **YOUR COST, Complete**



Charges Up To 16 Amps.



Lafayette 4 TUBE 6 VOLT Superhet

THIS Lafayette 4-tube, 6-volt superheterodyne receiver in conjunction with the Windcharger described above, makes up an ideal, up-to-the-minute radio combination for the farm. It offers world-wide reception, thrilling tone quality and exceptional beauty of appearance—with no battery charging expense! The wind works for you in charging your battery.

TWO-BAND RECEPTION

The short waves and the standard American broadcast bands are covered in two tuning ranges: 48 to 150 meters and 175 to 560 meters. This covers amateur, police, aircraft and foreign broadcast stations.

USES HIGH-GAIN TUBES

The circuit used is a modern superheterodyne which employs four of the latest multi-purpose tubes as follows: a 1C6 modulator-oscillator, a 34 intermediate frequency amplifier, a 1B5 detector, a.v.c., and 1st audio amplifier and an IF4 power amplifier output tube.

NEW AIRPLANE DIAL

Precision tuning is made possible by the use of a new, illuminated airplane dial calibrated in frequency and equipped with vernier action to provide the sharp tuning so necessary when tuning short-wave and distant stations. It is amply

proportioned and easily read by anyone. All the power necessary to operate this receiver is obtained from a 6-volt storage battery—the power pack which supplies the "B" potential forms an integral part of the receiver and operates from the single battery. There is no worry or fuss with cumbersome and expensive "B" batteries.

WIDE-RANGE SPEAKER

An exceptionally fine loud speaker is incorporated in this receiver, and is capable of room-filling tone quality that proves an endless source of pleasurable relaxation. Reproduction is brilliant and life-like, and covers the audio spectrum with amazing fidelity.

IN HANDSOME CABINET

The complete receiver is housed in a beautiful mahogany-colored mantel-type cabinet with pleasing modern lines. Corners are rounded, and a large speaker grille fronted with three attractive bars to follow the modern lines. It is 11 1/4" wide, 14 1/2" high, 8 3/4" deep.

Model D-24—Lafayette 4-tube, 6-volt superheterodyne receiver complete with all tubes and operating instructions. For 6-volt operation. Code, WERBO. Shpg. wt. 22 lbs. List Price ~~\$39.00~~ **\$19.95** **YOUR COST**

Storage Batteries Are Listed on Page 57.

AND POWER FOR THE FARM!

NEW Lafayette BATTERY SETS AND GENERATORS

WORLD-WIDE RECEPTION

Symphonic Tone With Power To Spare

HERE is the receiver that will over-reach your anticipations. Buy it with the Windcharger described on the preceding page and listen to the world literally pour from the loud speaker in tones that will thrill you—and it will cost you nothing to listen! The Windcharger always keeps your storage battery fully charged and takes its power from the wind.

FEATURES MULTI-CHROMATIC TUNING

Outstanding among its numerous modern features is the beautiful, new airplane dial. It is brilliantly hand-lettered on glass in green, red and blue on a black background—a distinctive color for each separate band. A gleaming white, double pointer swings over the face of the dial with a vernier action which permits the fine degree of tuning so necessary in short-wave reception.

COVERS 18 TO 550 METERS IN 3 BANDS

Practically complete coverage of the short-wave bands are had with three-band tuning, 18 to 52 meters, 53 to 167 meters, 175 to 550 meters. These ranges cover European and American standard and short-wave broadcasts, amateur, police, air-craft and other short-wave services.

EMPLOYS SEVEN HIGH-GAIN TUBES

A modern superheterodyne circuit uses a 1C6 modulator-oscillator, 1A4 i.f. amplifier, 2-34's as i.f. and a.f. amplifiers, 2-30's as 2nd detector and driver and a 19 twin-triode power amplifier. The latter feeds into a genuine 6" P.M. dynamic speaker which offers brilliant reproduction over the major portion of the audio spectrum. This loud speaker does not consume any energy.

WITH 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. The console cabinet is a thing of beauty. It stands fully 38" high, is 22½" wide and 11¼" inches deep and is finished in beautiful, hand-rubbed walnut veneer.

Model D-17—Lafayette 7-Tube, 6-Volt Console Receiver complete with all tubes and instructions. For 6-volt battery operation. Code, WAKKE. Shpg. wt. 53 lbs. List Price \$79.50 **YOUR COST \$39.75**

MODEL D-17
\$ **39** 75



Lafayette **7 TUBE 6 VOLT SUPERHET**



MODEL D-16
\$ **31** 50

with Permanent Magnet
DYNAMIC SPEAKER
and Built-in Power Pack

Also Available In A Mantel Cabinet

FOR those who desire the mantel type of cabinet because of space limitations or other reasons, the receiver described above is obtainable in a striking, walnut finished compact housing measuring 10½" high, 13½" wide and 8" deep.

It features the same dial, like controls, equal built-in power pack, and in every technical detail is a physical replica of the chassis and speaker in the console model, with the exception, of course, of the size of the cabinet.

A 6" P.M. dynamic loud speaker offers room-filling volume with amazing fidelity and brilliance. You will never tire of enjoying its matchless tone quality.

Its ultra-sensitive superheterodyne circuit and its three-band coverage of from 18 to 550 meters will furnish you with innumerable hours of thrilling DX hunting as you tune in station after station.

It is an ideal receiver for the den, kitchen, bedroom, child's room, or wherever a spare radio is desired. Because of its dimensions it will fit into book-cases and small nooks. Order it with a Windcharger and enjoy free reception.

Model D-16—Lafayette 7-Tube, 6-Volt Superheterodyne Mantel-Type Receiver, complete with all tubes and instructions. For 6-volt battery operation. Code, WEROT. Shpg. wt. 30 lbs. List Price \$63.00 **YOUR COST \$31.50**

Lafayette's GREAT NEW BATTERY SETS

Lafayette 6TUBE 6VOLT Superhet

- THREE BANDS: 18 TO 560 METERS
- THREE COLOR GIANT DIAL
- FULL RANGE TONE CONTROL
- CONSOLE AND MANTEL MODELS

FARMERS, lumbermen, ranchers and others who live in districts where electric power is not available have often found it difficult to obtain a radio receiver capable of good performance. Lafayette engineers, after careful research, have developed this new, powerful, six-volt battery operated receiver that is fully the equal of the a.c. operated models. Both console and mantel models are available, and both are priced so low that you cannot afford to overlook this opportunity—a trial will convince you—and our 30-day free trial offer protects you.

POWERFUL 6-TUBE SUPERHET CIRCUIT

An advanced superheterodyne circuit, incorporating the latest developments, employs the following six tubes: one type 1C6 as oscillator, one type 34 i.f. amplifier, one type 30 detector, one type 34 audio, one type 30 driver and one type 19 power output tube. Power output is approximately two watts—more than ample for home use. Sensitivity and selectivity characteristics are unusually fine—stations are brought in all over the dial, and even the closest can easily be separated.

FULL COVERAGE—THREE BANDS

Full broadcast and short wave coverage is provided by the three separate tuning bands covering from 18 to 560 meters. The standard American broadcast range (also includes many interesting police calls) covers from 174 to 560 meters (530-1720 kc.); the European broadcast stations, as well as numerous amateur stations, are brought in on the 18 to 51.8 meter (5800-18000 kc.) band; popular amateurs and police calls are found on the 53-166 meter (1800-5700 kc.) band. The desired band can instantly be selected by means of the band-switch on the front panel; knob has color coded band markings.

MODEL D-18

\$ **36**⁷⁵



with PERMANENT MAGNET — DYNAMIC SPEAKER

GIANT COLORED DIAL

Tuning has been greatly simplified by the use of a giant full-vision oval shaped dial having a three colored scale. Each band is individually calibrated, and the double-ended pointer covers the entire scale—there is no crowding.

FULL RANGE TONE CONTROL

A full range, continuously variable tone control enables the operator to select any desired "shade" of tone, from deepest bass to brilliant treble. The control is noiseless in operation, and is governed by a knob on the front panel of the receiver.

CONSOLE OR MANTEL CABINETS

The 6-tube 6-volt receiver is available in either a console or mantel model cabinet as shown in the illustrations. Both are constructed of the finest walnut veneers, in modern attractive styles. Rounded corners, attractive speaker grille front pillars, matched knobs and accessories and high polished finish feature their design. Either model will grace even the most expensively furnished room. Simple, dignified beauty characterize their appearance.

Model D-18 — Lafayette 6-Tube 6-Volt Battery Superhet in console cabinet. Complete with all tubes, less storage battery. Dimensions: 21 $\frac{1}{4}$ " wide, 36" high, 11 $\frac{1}{2}$ " deep. Shpg. wt. 52 lbs. Code WADIE.

List Price **\$73.50** YOUR COST **\$36.75**

Model D-15 — Lafayette 6-Tube 6-Volt Battery Superhet in mantel cabinet. Complete with all tubes, less storage battery. Dimensions: 18 $\frac{1}{4}$ " wide, 10 $\frac{1}{4}$ " high, 3" deep. Shpg. wt. 26 lbs. Code WELFO.

List Price **\$51.50** YOUR COST **\$25.75**



MODEL D-15

\$ **25**⁷⁵

W21099—VESTA 6-volt storage battery, for use with either of the above models. Rated 72 ampere hour capacity, 13 plates. With bail handle. Shpg. wt. 35 lbs. **\$4.45**

A complete listing of accessory equipment suitable for use with the above receivers, including electric and wind-power chargers, battery testers, battery clips, etc., will be found listed on page 57 of this book.

-Featuring Economical, Trouble free Operation

Lafayette 7-TUBE 2-VOLT SUPERHET

JUST the thing for rural districts or wherever commercial power is not available. This powerful three-band superhet uses seven of the latest tubes, including 1-1C6 oscillator, 2-34's i.f. amplifiers, 1-1B5 detector, a.v.c. and audio, 1-30 driver, 1-19 power tube and 1-6E1 regulator.

FULL COVERAGE - 18 TO 560 METERS
Three separate tuning bands cover the short wave and broadcast channels as follows: from 174 to 560 meters (535-1720 kc.) American broadcast band; from 53 to 166 meters (police and amateur calls); from 18 to 51.8 meters (5800-18000 kc.) European broadcast band.

Batteries used include: 3-45 volt "B", 1-4½ volt "C" and one Eveready "A" Pack. Battery drain is exceptionally low. Other features include: full-range tone control, calibrated oval-shaped full vision dial, band selector switch, new and beautiful modern cabinet.

Model D-28 - Lafayette 7-Tube 3-Band 2-Volt Battery Superhet complete with tubes but less batteries. Size: 18¼" wide, 10½" high, 8" deep. Shpg. wt. 26 lbs.

Code WOENA. List Price \$49.90
YOUR COST \$24.95

Complete kit of Eveready batteries, including "A" pack \$4.94
As above, but with Eveready Air Cell instead of "A" pack \$6.81



Lafayette 5-TUBE 2-VOLT SUPERHET

MECHANICALLY and electrically, this set is the "last word" in a 2-volt battery receiver. All batteries (set uses 3-45 volt "B" and 1-Eveready "A" pack) are contained inside the cabinet—no messy connecting wires or unsightly batteries outside the cabinet. Five of the latest high gain tubes are used, including 1-6C6 oscillator, 1-34 i.f. amplifier, 1-1B5 detector, a.v.c. and audio, 1-33 power tube and 1-5E1 regulator. Power is ample for all purposes and tone is excellent—the ideal low priced set for the rural districts.

Two tuning bands are provided, covering American broadcasts from 174 to 560 meters (535-1720 kc.) and the standard European broadcasts from 48.4 to 132 meters. Many police calls and amateur stations can also be brought in, Band switch on panel.

The cabinet is a striking example of modern art—simple, beautiful and of hardwood veneers.

Model D-27 - Lafayette 5-Tube 2-Volt Superhet complete with all batteries (includes Eveready "A" pack) and tubes. Size: 18¾" wide, 10½" high, 12" deep. Shpg. wt. 72 lbs. Code WINAT.

List Price \$40.90. **YOUR COST \$20.95**
Model D-29—As above, less batteries \$16.95

Lafayette 6-TUBE 32-VOLT 3-BAND SUPERHETERODYNE

- 18-550 Meters
- Dynamic Speaker
- Full A.V.C. Action
- No Batteries

USERS of 32-volt power systems are now assured of radio performance equal to that obtained by those using commercial power. The highly developed superheterodyne chassis employs six of the latest high gain tubes, including 1-6D6, 1-6A7, 1-75, 2-48's and 1-76. Power output is efficiently handled by the built-in 6½" electro-dynamic speaker—tone quality is brilliant and there is volume to spare. No batteries are employed—set is fully electric operated.

RANGE 18 TO 550 METERS IN THREE TUNING BANDS
Complete coverage is afforded by the three-band tuning range from 18 to 550 meters. Thus, the standard American broadcasts, European broadcasts, police calls and innumerable amateur stations are brought-in. A band-selector switch is used to select the desired range, and is governed from the panel.

5" ILLUMINATED AIRPLANE DIAL

A 5" illuminated airplane dial, with a three-colored scale, makes tuning a simple process. Each band individually calibrated; Vernier ratio 12:1. An unbreakable lens protects the dial from accidental damage. Escutcheon is bronze finished. Other important circuit features include: a full range continuously variable tone control, total drain of only 35 watts—less than any other receiver of its type, noiseless operation, etc., etc.

BEAUTIFUL MANTEL 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 and matched knobs blends into a perfect picture.

Model M-31 - Lafayette 3-Band 6-Tube 32-Volt Superheterodyne in mantel cabinet and complete with all tubes. Dimensions: 14¾" high, 11" wide, 9¼" deep. Shpg. wt. 18 lbs. Code VIRBE.

List Price \$46.90 **YOUR COST \$23.45**



Enjoy RADIO WITH THESE NEW

Lafayette 5 TUBE AUTO RADIO-under-dash Mounting



MODEL JA-1
\$15.95

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 it is offered at a price within the reach of every car owner.

USES FIVE HIGH GAIN TUBES

Five modern type tubes are used in the superhet circuit as follows: 1-6A7 detector and oscillator, 1-6D6 i.f. amplifier, 1-75 audio amplifier and second detector, 1-41 output tube and 1-84 full-wave rectifier. The output (over 1 watt) is handled with great fidelity by the built-in electro-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 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. Only antenna and battery connections need be made—entire installation can be accomplished in a short time. Tubes can be replaced without removing the chassis.

ADDITIONAL CIRCUIT FEATURES

Other features: full-range tone control, 10 kc. selectivity, extreme sensitivity, less than 5-ampere drain, dial calibrated in kilocycles, etc.

Model **JA-1**—Lafayette 5-Tube Auto Radio, complete with tubes, generator condenser, distributor suppressor, mounting and servicing instructions. Dimensions: 6½" wide, 11½" deep, 5" high. Shpg. wt. 18 lbs. Code, VELBA. List Price \$31.90 **\$15.95**
YOUR COST

AUTO RADIO WIRE AND ACCESSORIES

Auto Ignition Wire



Standard 7 mm. black lacquered braided wire for use in automobile ignition and high tension work. **W20851**—
Per Ft. **2c**
W20852—100 Ft. **\$1.45**

Shielded Ignition Wire



Standard 7-millimeter wire with heavy rubber wall, lacquered braid and overall covering of tightly woven tinned copper shielding. First quality. Shpg. wt., 100 ft. spool, 4 lbs. **W16211**—
Your Cost, per foot **4c**
W16213—100 ft. spool **\$3.50**
Your Cost

"Sash Cord" Auto Antenna Wire



Designed expressly for use in construction of under car auto antenna. Consists of 42 strands of #27 copper wire wound on a base of heavy cotton. Has great tensile strength, is flexible, and provides greater pick-up than other types. **W20908**—
Your Cost, Per Foot **1½c**
25 ft. Coil **30c**

Fuse Retainer



Designed for use with auto radio sets. Two piece connector of heavy metal, with fibre inside insulation. Heavy spring contact. 2¼" long. **W12372**—Your Cost **7c**

Shielded Loom



Standard loom with a tinned braided shield on the outside. For shielding and protecting wiring in autos, etc. Helpful in eliminating ignition noise. Will pass heavy wire. Shpg. wt. 1 lb. 10 ft.

Stock No.	Diam. In.	Your Cost 10 Ft.	50 Ft.
W16146	¼"	60c	\$2.85
W16147	¾"	70c	3.35
W16148	¾"	85c	3.95

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.
W16234	1½c	¼"	W16237 2½c
W16235	2c	¾"	W16238 3c
W16236	3c	¾"	W16239 5c

Copper Fuse Clips

Nickel plated copper. **W12377**—
Your Cost **2c**
Per Doz. **20c**



A complete listing of Mallory replacement auto radio vibrators will be found on page 117.

Lafayette 4 TUBE AC-DC with Police Band

THE most amazing value in radio today. This efficient little four-tube receiver incorporates many of the features heretofore found only in the higher priced models. It's small enough to fit in a shelf in your book-case, or to place on a mantel, yet its performance will prove highly satisfactory.

The old reliable t.r.f. circuit is employed, using four tubes as follows: 1-6D6 r.f. amplifier, 1-6C6 detector, 1-25A7 output tube and 1-H80B metal ballast tube. There is no annoying "hot" line cord. Set operates on 110 volts, a.c. or d.c. The power output (about 1 watt) is easily handled by the matched 5" electro-dynamic speaker. Two tuning bands are covered, the standard American broadcast and the police bands. American broadcast range is from 171 to 550 meters (550-1750 kc.); the police band is from 67.8 to 176 meters (1700-4500 kc.).

Features include: four-colored illuminated dial, arrow knob dial indicator, attractive cabinet.

Model **EB-7**—Lafayette 4-Tube A.C.-D.C. Receiver, complete with tubes. For 110 volts, a.c. or d.c. Size: 10¼" x 7½" x 5". Shpg. wt. 9 lbs. Code, TALBA. List Price \$17.90 **\$8.95**
YOUR COST

220-Volt Adaptor for above—75c additional.



MODEL EB7
\$8.95

ON THE ROAD 1937 AUTO SETS!

Lafayette 6 TUBE 'suppressorless' AUTO RADIO

RELIEVE the monotony of tedious automobile trips—lighten the boredom entailed by travels on the "open road" by installing one of these new Lafayette 6-tube superhet auto radios. The model D-45 will bring in enjoyable programs no matter what part of the country you travel in, and the superb tone quality, power and sensitivity will prove a revelation and a delight.

POWERFUL SUPERHET

Modern engineering skill has been put to good purpose in designing the efficient superhet circuit used in this auto set. Six tubes are used as follows: 1-6D6 r.f. amplifier, 1-6A7 first detector and oscillator, 1-6D6 i.f. amplifier, 1-75 first audio and a.v.c., 1-41 power output tube and 1-84 full-wave rectifier. Power output of three watts is more than sufficient for all practical purposes. Selectivity and sensitivity are of a high order—stations brought in all over the dial, and can easily be separated.

SUPPRESSORLESS CIRCUIT

A special built-in noise suppression circuit eliminates the need for spark plug suppressors in all but the most difficult installations. The generator condenser and distributor silencer supplied with the unit are all that is needed.

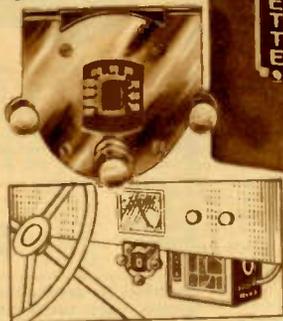
"QUICK SERVICE" CONSTRUCTION

The entire assembly, including speaker and chassis (all except remote control), is housed in a single steel case finished in brown crackle lacquer. Access to tubes, speaker and vibrator gained by simply removing the front panel that is held by conveniently located self-tapping screws.

POWERFUL AUTOMATIC VOLUME CONTROL

The powerful a.v.c. circuit eliminates inter-station blasting, and minimizes fading on weak stations. This circuit is of the quick-action type—does not disturb reception.

Other circuit features include: full-range tone control, illuminated non-glare dial calibrated in kc., single-bolt mounting, attractive speaker grille, etc., etc.



Above illustration shows typical under-dash mounting of the remote control assembly.

MODEL D-45

\$23⁴⁵

**BUILT-IN NOISE
FILTER
POWERFUL A.V.C.
3 WATTS OUTPUT
DYNAMIC SPEAKER**

Model D-45—Lafayette 6-Tube Superhet Auto Radio, complete with all tubes, generator condenser, distributor suppressor and complete instructions. Dimensions: 9½" wide, 7½" deep, 7¾" high. With universal under-dash or steering column remote control. Shpg. wt. 30 lbs. Code, WCENE. List Price **\$46.90**

\$23.45

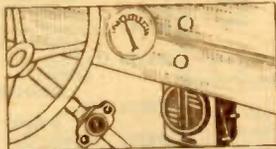
YOUR COST

SEE NOTE BELOW FOR SPECIAL CONTROLS

— SPECIAL NOTE —

Both Lafayette auto sets listed on this page (D-45 and B-92) are regularly furnished with universal under-dash or steering column remote control assemblies. Matched instrument panel plates can be supplied for a great majority of the standard make autos at an additional 70c. Specify make of car, year and model number when ordering.

The artist's sketch at the right shows a typical remote control installation on the steering column. Neat and convenient.



Lafayette 6 TUBE De Luxe SINGLE UNIT AUTO RECEIVER

THIS deluxe, custom-built 6-tube auto radio is the finest in the Lafayette line. In performance, it is equal to the majority of the high-priced home radios on the market—you can ride the roads in company with clear, life-like radio reception at all times.

SEVERAL ALL-METAL TUBES IN CIRCUIT

The latest and most efficient superhet circuit is used, employing six tubes. In this complement are three of the newest type all-metal tubes. Tube types and uses are: 1-6E7 r.f. amplifier, 1-6J7 first detector, 1-6E7 i.f. amplifier (these are all-metal types), 1-6B7 second detector, 1-41 first audio and 1-6A6 power output tube. A synchronous vibrator of the plug-in type supplies the necessary high voltages. A matched dynamic speaker handles the entire set output with great fidelity—output is in excess of 3 watts. Tone control and local-distance switch on chassis.

A built-in noise silencing circuit, including a new iron core antenna coil, makes the use of suppressors unnecessary. In most cases, even distributor silencer can be dispensed with. Installation is simple.

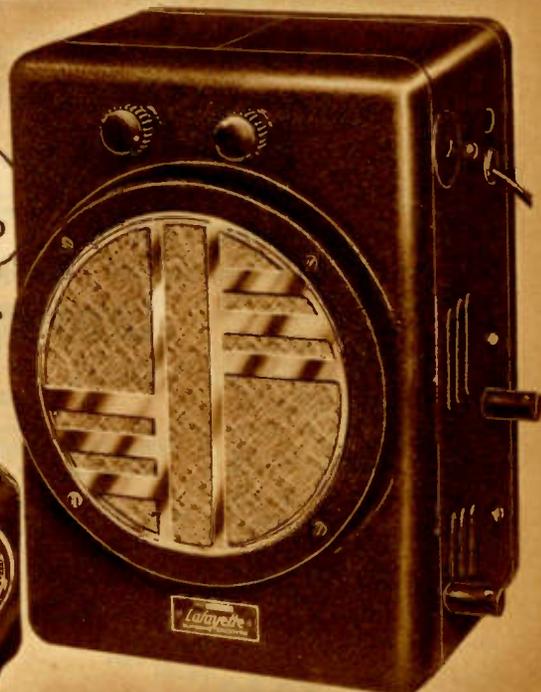
Model B-92—Lafayette 6-Tube De Luxe Superhet Auto Radio. Complete with tubes, distributor silencer and generator condenser. With under-dash or steering column remote control (universal). Size: 10½" wide, 7" deep, 7½" high. Shpg. wt. 30 lbs. Code, WENCH. List Price **\$57.00**

YOUR COST

\$28.50

MODEL B-92

\$28⁵⁰



"Blue Ribbon" Products approved by Wholesale Radio Service Co., Inc.



Auto Radio Accessories



RCA DI-POLE Antenna



The new RCA Noise-Reducer Auto Antenna, in operation, acts as a counterpoise with the car acting as an antenna. The length and height are adjustable as illustrated. Shipping weight 3 lbs.

W22018—**Your Cost Each \$1.55**

Adjustable Plate

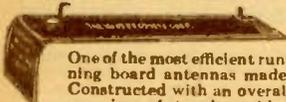


An improved plate antenna made of rust-proof metal. Presents a great

surface pick-up area. Adjustable from 28" to 44". 7 1/4" wide. Complete with brackets, easy to install. No holes to drill. With lead-in wire. Shpg. wt. 3 lbs.

W16241—**Your Cost, Special \$1.10**

WARD "Magic" Super



One of the most efficient running board antennas made. Constructed with an overall covering of tough molded leak-proof rubber. Will last indefinitely; unaffected by weather. Magic pick-up flap increases volume 22 to 40%. Two-point suspension and adjustable brackets simplify installation. Fits all cars. Full instructions included with each aerial. Shpg. wt. 4 lbs.

W16246—**Your Cost \$2.06**

WARD "Ski" Antenna



Almost as efficient as a roof antenna (73%). Features include: no drilling; attaches to any running board; quick installation; permanent construction—cannot rattle or short; efficient under all weather conditions; non-fading and non-directional. With new type adjustable brackets and insulators. Instructions furnished. Shpg. wt. 2 lbs.

W16246—**Your Cost \$1.18**

Same as the above, but for installation on both running boards. Provides increased pick-up. Instructions furnished. Shpg. wt. 4 lbs.

W16247—**Your Cost \$2.06**

MOLDED RUNNING BOARD ANTENNA

Provides maximum pick-up. Molded rubber covering overall. Held by two metal clamps at ends. Has 8" overlap that acts as a splash guard and is also part of the antenna. All necessary hardware included. Easy to install. Shipping weight 3 lbs.

W22020—**Your Cost Each \$1.55**

RCA M-34

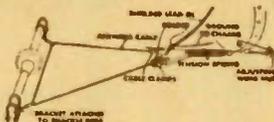
G. E. B-40 Vibrator

The genuine RCA factory replacement. Part No. 7604. Used in models M34, M105 and M116. Also used in the General Electric Model B-40. Full-wave type. Shpg. wt. 2 lbs.

W2596—**List \$6.00**

Your Cost \$3.60

Triangle Auto Antenna



Bakelite insulation pieces. Saab cord antenna wire sufficiently long for all installations. With tension spring and eye bolt assembly. Antenna lead soldered to lead-in wire. Shipping weight 4 lbs.

W16472—**Your Cost \$59**

"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—rarely necessary to drill holes. Shipping weight 3 lbs.

W16242—**Your Cost, Special \$65**

Roof Antennas



Easily inserted by opening the roof lining for about a foot, and sliding in the antenna. Provides exceptionally good pick-up. Do not use with turret-top cars.

W22022—12x27" **Your Cost Each \$65**

W22021—12x35" **Your Cost Each \$79**

Single Channel

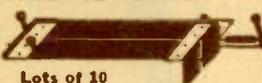
Very rugged and efficient. Made of rust-proof metal with flexible molded rubber insulators. 50" long. Open end mounts toward the motor. Comes complete with lead-in wire and adjustable brackets. Easy to install—no holes to drill. Shipping weight 3 lbs.

W16243—**Your Cost \$95**

Double Channel

Same as the above, but for installation on both running boards. Provides greatly increased pick-up. Shipping weight 5 lbs.

W16244—**Your Cost \$1.80**



Lots of 10 Each **\$1.50**

\$1.65

PHILCO Replacement Vibrator

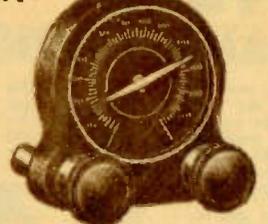
Used in Transitone models—6F, 9F, 5T, 10. In sponge rubber padded cylinder to eliminate noise pick-up. Full wave vibrator with pure silver points. Plug-in four-prong type. Shpg. wt. 2 lbs.

W14632—**Your Cost Each \$2.10**

Lots of 10—Each **\$1.90**

CROWE AUTO REMOTE CONTROLS

Standard Head 600 Type



Universal type, for panel installation on cars listed below. With Pyralin scales, illuminated from rear. Unbreakable Croglas crystal. With Mazda 51 pilot light. Less knobs. Counter-clockwise (55-150) rotation. Shpg. wt. 3 lbs.

Stock No. Ratio **Your Cost Each**

W8360	6 to 1	\$2.06
W8351	8 to 1	
W8361	10 to 1	
W8359	12 to 1	
W8362	16 to 1	

Special Head



Type 250

For installation in the cars listed below. Have Pyralin scales and Croglas unbreakable crystals. Can be mounted horizontally or vertically. Two scales provided, for vertical or horizontal mount; easy to change. With Mazda No. 51 pilot light; rear illuminated. Supplied less knobs. For counter-clockwise rotation (55-150); clockwise units on special order only. Shipping weight 3 lbs.

Stock No. Ratio **Your Cost Each**

W8363	6 to 1	\$2.50
W8352	8 to 1	
W8364	10 to 1	
W8353	12 to 1	
W8365	16 to 1	

NOTE: To determine condenser ratio, open condenser fully and then count number of turns required to bring the rotor to the full closed position. Multiply this figure by two to get ratio in terms of 360° (ratios given above are for 360°). Clockwise rotation supplied on special order only.

PLATES FOR THE No. 600 CONTROL

Kits include the plate, matched Tenite knobs and all hardware.

Stock No.	Make and Model	Your Cost
W8366	664, 852, 852 Super. (1936)	\$0.59
CHRYSLER		
W8367	Airstream (1935)	.71
OE SOTO		
W8368	Airstream (1935)	.71
W8369	Custom Airstream, Airflow (1936)	.79
W8370	DeLuxe Airstream (1936)	.71
DODGE		
W8371	1935	.71
FORD		
W8372	DeLuxe 1934	.71
W8373	DeLuxe 1935	.59
W8374	Stand. 1935	.59
W8375	DeLuxe 1936	.59
W8373	Stand. 1936	.59
HUDSON		
W8377	6 and 8 Cyl. (1936)	.79
HUPMOBILE		
W8371	6 Cyl. (1935, 1936)	.71
W8372	DeLuxe 8 (1935), 8 Cyl. (1936)	.71
W8366	Stand. 8 (1935)	.59
LAFAYETTE		
W8384	1936	.59
LINCOLN ZEPHYR		
W8375	1936	.59
NASH		
W8386	400, Amb. 6, Amb. 8 (1936)	.71
PLYMOUTH		
W8371	Early 1935 (walnut)	.71
W8390	Late 1935 (taupe)	.71
W8391	Stand. (1936)	.59
STUDEBAKER		
W8392	Diet. 6 (1936)	.79
TERRAPLANE		
W8393	1936	.79
Universal Steering Column Kit		
W8394	Sale Price	.24
Universal Under-dash Kit		
W8395	Sale Price	.18

PLATES FOR THE No. 250 CONTROL

For General Motors and several Chrysler cars. Perfect match. Kits contain the plate, Tenite knobs and all necessary mounting hardware.

Stock No.	Make and Model	Your Cost
BUICK		
W8396	40, 60, 80, 90 (1936)	\$0.88
CADILLAC		
W8397	V8 (60, 70, 75), V12, V16 (1936)	1.18
CHEVROLET		
W8399	Master 1935	.79
W8400	Stand., Master (1936)	.79
CHRYSLER		
W8402	Airflow, Imperial (1936)	1.18
W8403	Airstream 6 (1936)	1.18
W8404	Airstream 8 (1936)	1.18
DODGE		
W8406	1936	.88
OLDSMOBILE		
W8407	6 and 8 Cyl. 1935	.88
W8408	6 and 8 Cyl. 1936	.88
PLYMOUTH		
W8409	DeLuxe 1936	.79
PONTIAC		
W8410	DeLuxe 6 and 8, Master 6 (1936)	.79

PLATES FOR 1936 PHILCO RADIOS

Stock No.	Car and Year	Your Cost
Studebaker Dict. 1936		
W8376	Dodge 1936	.71
W8379	Lafayette 1936	.71
W8380	DeSoto DeLuxe Airstream 1936	.71
W8381	Dodge 1936, Hup 6 1936, Nash 6 1936, Plymouth DeLuxe early 1936	.71
W8382	Plymouth DeLuxe, late 1936	.71
W8383	Plymouth DeLuxe 1936	.71
W8385	Plymouth Stand. 1936	.71
W8387	Plymouth 1934, Dodge 1934, Nash 400 1936	.71
W8388	Ford DeLuxe 1934	.71
W8389	Ford Stand. 1935	.71
W8401	Ford DeLuxe 1935 and 1936, Stand. Ford 1936, Lincoln Zephyr 1936	.71
W8405	Terraplane 1934, 1935	.71
Your Cost Each, Any Above Type \$82		

NOTE: For a complete listing of Mallory replacement auto radio vibrators for all standard sets refer to page 117.

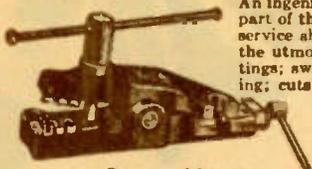
LITTELFUSE Auto Fuses

Lower resistance than standard fuses. 1 1/4 x 1/4". **Your Cost 3c ea.**

W12320	5 amps.
W12321	10 amps.
W12322	15 amps.
W12323	20 amps.

Auto Radio Accessories

J. F. D. AUTO RADIO PRODUCTS "Remote-O-Cable" Replacer



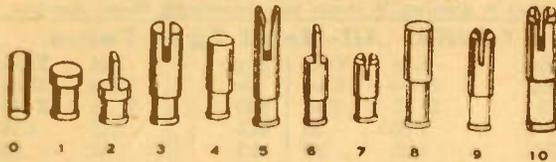
One machine does ALL Cable work

An ingenious new machine that 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. With this machine, a length of cable and housing and an assortment of fittings, any remote control cable job can easily be done. Size: 15x7½x5½". Shpg. wt. 23 lbs.

W8411—
Your Cost

\$37.24

Auto Radio Cable Fittings



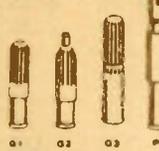
A type for practically every automobile remote control cable now in use. Made of finest materials, accurately machined. Match old fitting from illustrations shown, and order by stock number.

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	

Your Cost Each, 100 for \$5.40 **6¢**

Gear Fittings

For All Cables

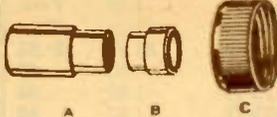


Made of brass. Accurately machined so that they fit exactly. Popular types shown. Order from the illustrations (by stock number.)

W8425—Type G1	24¢ each
W8426—Type G2	
W8427—Type G3	
W8428—Type P4	

Kit of 120 assorted fittings, gears and cable housings. For all makes of auto radios. In metal container with compartments for each different type. Shpg. wt. 4 lbs. **\$7.94**

Housing Ends



Popular types, fit all present day cables. Accurately made—fit exactly. Order by stock number according to illustrations shown above. Made of brass.

W8429—Type A	Per	6¢ Your Cost Each
W8430—Type B	100	
W8431—Type C	\$5.40	

Remote Roto-Cable and Housing

Finest quality cable for auto radio remote controls. Cable ends are swaged—cannot unravel. Available in standard lengths, cable or cable with steel housing. Lengths other than those listed can be supplied on special order, prices on request. Shipping weight 1 lb. per ft.

Cable Only

Stock No.	Length Inches	Your Cost Each
W8433	18	24c
W8434	24	30c
W8435	36	42c
W8436	48	54c

Cable and Housing

Stock No.	Length Inches	Your Cost Each
W8437	18	38c
W8438	24	50c
W8439	36	73c
W8464	48	85c

We can supply cables complete with any two fittings shown above at an additional 70c. 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. **69¢**

Master Noise Filter Eliminates Suppressors

Place in the distributor head and eliminate the necessity of using plug suppressors. Made up of 8 individual coils wound into a master coil with resistance of 420 ohms. Bakelite housing. Will withstand 400° and is moisture-proof. Will stand up under continuous excessive vibration.

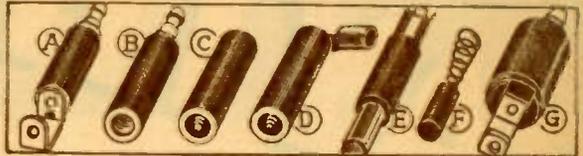
W14135—
Your Cost **\$1.47**

FILTRON Auto Noise Rejector

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; requires no further attention. For all auto sets. 5½x2".

W14202—
Your Cost **\$1.47**

Thru-test Auto Radio Suppressors



Stock Type No.	Description	Your Cost Each
W5283 A	Standard Spark Plug Type	12¢
W5278 B	Compact Spark Plug Type	
W5253 C	Cable Type for Buick Cars	
W5285 D	Elbow Cable Type	
W5279 E	Standard Distributor Type	

10 for \$1.14
25 for 2.75
50 for 5.42

W5293—Type F. Distributor suppressor for Ford V-8. **12¢**

Type G. Wire wound suppressors, low resistance type (500 ohms). Will not reduce speed of car. In Bakelite case; moisture proof. Highly efficient.

W5296—Spark Plug Type
W5297—Distributor Type
Your Cost Each, Either Type **27¢**

Auto Condensers

Standard type.	Your Cost Each
W14220—25 mfd.	15¢
W14215—6 mfd.	19¢
W14216—1.0 mfd.	24¢
W14219—Ford V-8 Type.	27¢

Dome Light Filter

Eliminates the noise in dome light wiring. Has condenser-choke. **32¢**

Ammeter Condensers

Eliminates noise in ammeter, horn, etc. Has lug. **20¢**

SPRAGUE Oil and Gas Gauge Filters

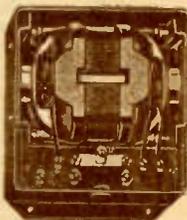
For the Ford V-8 Oil and gas gauge filters for the late 1936 and 1936 models Ford V-8. Easy to install. Eliminate noise. Metal containers. **29¢**

Electro-Static Eliminator

Rids auto-radio reception of noises caused by the electro-static pick-up of the front wheels. Easy to install in each hub cap so as to contact the axle shaft. Simple, effective and trouble proof. **18¢**

AUTOMOBILE "B" ELIMINATORS

GEN-E-MOTOR Auto "B"



With Filter
—
Need No Care
—
No Oiling

GEN-E-Motors

In cadmium plated case 2½x5½x4". Replaces vibrator types. Shpg. wt. 8 lbs. **\$7.64**

W14201—For 6V. Inp., delivers 225 V. at 50 ma. Drain 3.8 A.

W14230—6V. Inp., delivers 260 V. at 50 ma. Drain 4.2 A. **\$9.70**

Your Cost Either Type W14233—32 V. Inp., 180 V. out. **\$7.64**

For replacing Ford-Majestic units, 260 V., 50 ma. **\$9.70**

W14182—Your Cost **\$7.64**

Combined motor and generator operating from a 6-volt storage battery. Can mount in an exceptionally small space—3½x5½x4". Each complete with radio noise filter. Will carry up to 25% overload. Fool-proof. Shpg. wt. 17 lbs.

Stock No.	Volts Out.	Cur. Ma.	Tap Cost	Your Cost
W14209	180	30	90	\$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	67½	—	13.52
W14222	180	90	—	13.52
W14212	180	22½, 46	—	13.52

* Less filter. 67½, 90, 135 14.70

UTAH "B" Eliminator

For Majestic Model 66 Exact duplicate. Contains transformer, vibrator, filter condenser and 84 rectifier. Heavy metal container. Complete instructions included. Shpg. wt. 8 lbs. With tube. **\$5.25**

Mail Your Orders to NEW YORK, CHICAGO or ATLANTA

4 PILLAR CONSTRUCTION RAYTHEON TUBES



**SIX MONTHS GUARANTEE
10% ADDITIONAL DISCOUNT**

Raytheon tubes are guaranteed for a period of six months from the date of purchase. We will gladly exchange any tube that does not give efficient service within that period - without red tape. Burnouts and broken glass are, of course, exceptions to this.

An additional discount of 10%, from "Your Cost" prices, is available with each purchase of 25 or more tubes of any type whatsoever. Take advantage of this offer to increase your profits by purchasing tubes in quantity, to obtain this exceedingly liberal discount.

4-Pillar Glass-Type Tubes

Type No.	List Price	Your Cost	Type No.	List Price	Your Cost
00-A	\$1.35	\$.68	35/51	\$1.00	\$.50
01-A	.65	.32	36	1.00	.50
0Z3	1.35	.68	37	.75	.37
1A4	1.60	.80	38	1.00	.50
1A6	1.35	.68	39/44	1.00	.50
1B4/951	1.60	.80	40	.75	.37
1B5/25S	1.35	.68	41	1.00	.50
1C6	1.60	.80	42	1.10	.55
1F4	2.20	1.11	43	1.10	.55
1F6	1.60	.80	45	.75	.37
1-V	1.00	.50	46	1.10	.55
2A3	1.35	.68	47	1.00	.50
2A5	1.10	.55	48	2.60	1.30
2A6	1.10	.55	49	1.10	.55
2A7	1.35	.68	50	2.60	1.30
2B7	1.35	.68	52	1.70	.85
2E5	1.60	.80	53	1.35	.68
5Z3	1.00	.50	55	1.10	.55
6A3	1.60	.80	56	.75	.37
6A4 (LA)	1.35	.68	57	1.00	.50
6A6	1.35	.68	58	1.00	.50
6A7	1.35	.68	59	1.35	.68
6B5	2.25	1.13	71-A	.75	.37
6B7	1.35	.68	75	1.10	.55
6C6	1.10	.55	76	.75	.37
6D6	1.00	.50	77	1.10	.55
6E5	1.60	.80	78	1.10	.55
6E6	1.70	.85	79	1.35	.68
6F7	1.60	.80	80	.65	.32
6G5	1.60	.80	81	2.10	1.05
6Z4/84	1.35	.68	82	1.00	.50
12A5	2.10	1.05	83	1.00	.50
12A7	2.20	1.10	83-V	1.60	.80
12Z3	1.10	.55	84	1.35	.68
25Z5	1.10	.55	85	1.10	.55
10	2.10	1.05	89	1.10	.55
12-A	.75	.37	X99	1.10	.55
15	2.00	1.00	V99	1.10	.55
19	1.10	.55	182B	1.65	.83
20	1.10	.55	183	1.65	.83
22	1.35	.68	485	1.45	.73
24-A	1.00	.50	950	2.20	1.10
26	.65	.32	WD-11	1.35	.68
27	.75	.37	WX-12	1.35	.68
30	.75	.37	BA	7.50	3.77
31	.75	.37	BH	4.65	2.34
32	1.35	.68	BR	2.75	1.38
33	1.10	.55	LA (6A4)	1.35	.68
34	1.35	.68			

4-Pillar All-Metal Type Tubes

Type No.	List Price	Your Cost	Type No.	List Price	Your Cost
0Z4	\$1.35	\$.68	6K7	\$1.35	\$.68
5W4	1.10	.55	6L6	2.20	1.11
5Z4	1.35	.68	6L7	1.60	.80
6A8	1.35	.68	6N7	1.60	.80
6C5	1.10	.55	6Q7	1.35	.68
6F5	1.10	.55	6R7	1.35	.68
6F6	1.10	.55	6X5	1.35	.68
6H6	1.10	.55	25A6	1.60	.80
6J7	1.35	.68	25Z6	1.35	.68

Octal Base Glass-Metal Tubes

Type No.	List Price	Your Cost	Type No.	List Price	Your Cost
1C7-G	\$1.85	\$.93	6H6-G	\$1.10	\$.55
1D5-G	1.85	.93	6J5-G	1.10	.55
1D7-G	1.60	.80	6J7-G	1.35	.68
1E5-G	1.60	.80	6K5-G	1.35	.68
1E7-G	1.60	.80	6K6-G	1.35	.68
1F5-G	2.50	1.25	6K7-G	1.35	.68
1F7-G	1.85	.93	6L5-G	2.10	1.05
1H4-G	1.10	.55	6L6-G	2.20	1.11
1H6-G	1.60	.80	6L7-G	1.60	.80
1J6-G	1.35	.68	6N6-G	2.50	1.25
5V4-G	1.85	.93	6N6-MG	2.50	1.25
5X4-G	1.35	.68	6N7-G	1.60	.80
5Y3-G	1.10	.55	6P7-G	2.20	1.11
5Y4-G	1.10	.55	6Q6-G	2.10	1.05
6A8-G	1.60	.80	6Q7-G	1.35	.68
6B4-G	1.85	.93	6R7-G	1.35	.68
6B6-G	1.50	.75	6S7-G	2.10	1.05
6C5-G	1.10	.55	6X5-G	1.35	.68
6D8-G	2.10	1.05	25A6-G	1.35	.68
6F5-G	1.10	.55	25Z6-G	1.35	.68
6F6-G	1.35	.68			

Majestic Shielded-Type Tubes

Type No.	List Price	Your Cost	Type No.	List Price	Your Cost
2A7S	\$2.40	\$1.21	24S	\$1.40	\$.71
2S/4S	2.75	1.38	27S	.90	.45
2Z2/G84	1.95	.98	35S/51S	1.50	.75
6A7S	2.40	1.21	55S	1.80	.90
6B7S	2.20	1.11	56S	1.40	.71
6C7	2.00	1.01	57S	1.85	.93
6D7	1.85	.93	57AS	1.85	.93
6E7	1.85	.93	58S	1.85	.93
6F7S	2.00	1.01	58AS	1.85	.93
6Y5	2.00	1.01	75S	1.80	.90
6Z5	2.00	1.01	85AS	1.80	.90

FREE! Technical Tube Data



A 4-page folder giving all technical data on the 4-pillar tubes. FREE with all purchases of Raytheon 4-pillar tubes.

FREE! Tube Stickers



A roll of 1000 Raytheon tube stickers with space for the date sold, date retested. FREE with purchases. Roll of 1000 stickers, imprinted with your name, address and tel. number. Shipped prepaid. \$1.00.

FREE! Pkgs. of 10 Tube Cartons

Dummy tube cartons, full sized, offered FREE to all purchasing Raytheon tubes. Put up in display packages containing 10 dummy cartons. Ideal for dressing up your window display or as counter sales aids.



FREE! Tube Talks

A complete technical data book on all tubes; circuits, applications, etc. Neatly bound. FREE WITH PURCHASES OF 25 RAYTHEON TUBES.





Radiotron



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 to increase your tube profits by purchasing a sufficient number of tubes to avail yourself of this extra discount.

SPECIAL OFFERS!

Cigarette Lighter



Shaped exactly like an RCA Metal Tube, this high quality lighter is useful, unusual, and built to give long service.

W21913—FREE WITH PURCHASES OF 25 RCA RADIOTRONS.

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.

W21913—FREE WITH PURCHASES TOTALLING 50 RCA RADIOTRONS (save sales slips).

TECHNICAL BOOKS



GLASS TUBE MANUAL
154 pages of data, circuit design and applications.
W19963—YOUR COST .20c

METAL TUBE BULLETIN
Complete data on all the new all-metal tubes.
W20003—YOUR COST .10c

SOCKET LAYOUT GUIDE
Tubes and layout diagrams of all sets from 1932.
W19962—YOUR COST .39c

CATHODE RAY BOOK
Latest data on cathode ray tubes.
W19990—YOUR COST .20c

ABOVE FREE WITH 25 RCA RADIOTRONS

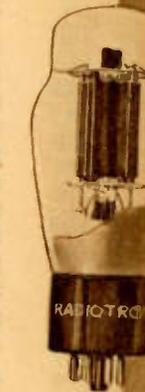
RIDER'S BUSINESS BOOK
Textbook on business methods in radio servicing.
W19991—YOUR COST \$1.85

ABOVE FREE WITH 100 RCA RADIOTRONS

FREE! FREE! FREE!
To all purchasing RCA Radiotrons from Wholesale Radio Service Co., Inc. — Decalcomanias — Price Tags — Dummy Cartons — Repair Tickets — "Not Home" Cards. Just ask for them!

GLASS TYPE TUBES

TYPE NO.	LIST PRICE	DEALER'S COST	TYPE NO.	LIST PRICE	DEALER'S COST	TYPE NO.	LIST PRICE	DEALER'S COST
00-A	\$1.25	\$.73	40	\$.69	\$.40	85	\$.99	\$.58
01-A	.59	.34	41	.89	.52	89	.99	.58
1-V	.89	.52	42	.99	.58	V99	.99	.58
1A4	1.50	.88	43	.99	.58	X99	.99	.58
1B4	1.75	1.03	45	.69	.40	1A6	1.25	.73
1F4	1.50	.88	46	.99	.58	2A3	1.25	.73
1F6	1.50	.88	47	.89	.52	2A5	.99	.58
10	2.00	1.18	48	2.50	1.47	2A6	.99	.58
11	1.25	.73	49	.99	.58	2A7	1.25	.73
12	1.25	.73	50	2.50	1.47	6A4	1.25	.73
112A	.69	.40	53	1.25	.73	6A6	1.25	.73
19	.99	.58	55	.99	.58	6A7	1.25	.73
20	.99	.58	56	.69	.40	1B5	1.25	.73
22	1.25	.73	57	.89	.52	25S	1.25	.73
24-A	.89	.52	58	.89	.52	2B7	1.25	.73
26	.59	.34	59	1.25	.73	6B7	1.25	.73
27	.69	.40	71-A	.69	.40	1C6	1.50	.88
30	.69	.40	75	.99	.58	6C6	.99	.58
31	.69	.40	76	.69	.40	6D6	.89	.52
32	1.25	.73	77	.99	.58	6E5	1.50	.88
33	.99	.58	78	.99	.58	6F7	1.50	.88
34	1.25	.73	79	1.25	.73	6G5	1.50	.88
35	.89	.52	80	.59	.34	5Z3	.89	.52
36	.89	.52	81	2.00	1.18	12Z3	.99	.58
37	.69	.40	82	.89	.52	25Z5	.99	.58
38	.89	.52	83	.89	.52	874	4.90	2.88
39	.89	.52	83-V	1.50	.88	876	6.70	3.94
44	.89	.52	84	1.25	.73	886	6.75	3.97



G-SERIES OCTAL BASE

5V4G	\$1.75	\$1.03	6F6G	\$1.25	\$.73	6Q7G	\$1.25	\$.73
5X4G	1.25	.73	6H6G	1.00	.59	6R7G	1.25	.73
5Y3G	1.00	.59	6J7G	1.25	.73	6X5G	1.25	.73
6ASG	1.50	.88	6K7G	1.25	.73	25A6G	1.25	.73
6C5G	1.00	.59	6L7G	1.50	.88	25Z6G	1.25	.73
6F5G	1.00	.59	6N7G	1.50	.88			

ALL-METAL TUBES

5W4	\$1.00	\$.59	6H6	\$1.00	\$.59	6Q7	\$1.25	\$.73
5Z4	1.25	.73	6J7	1.25	.73	6R7	1.25	.73
6A8	1.25	.73	6K6	2.00	1.18	6X5	1.25	.73
6C5	1.00	.59	6K7	1.25	.73	25A6	1.50	.88
6F5	1.00	.59	6L7	1.50	.88	25Z6	1.25	.73
6F6	1.00	.59	6N7	1.50	.88			

Lafayette RADIO TUBES



Quality at Economy Prices

100% Protection Afforded By Our SIX MONTHS GUARANTEE

Every tube that leaves our warehouse carries with it a guarantee for a period of six months. REPLACEMENTS WILL BE MADE CHEERFULLY, PROMPTLY AND WITHOUT CHARGE if any tube should fail to give the excellent and efficient service for which LAFAYETTE tubes are known. Burn-outs and break-ages are the only exceptions. This broad guarantee is made possible only because of the careful and accurate testing each tube goes through before it is offered for sale.

An elaborate and comprehensive testing laboratory is maintained by Wholesale Radio Service Co., Inc., and you can therefore be assured of perfect quality and better performance from your tubes. Because of the tremendous stock our warehouse holds, we can supply you with limitless quantities of tubes without delay. SHOULD TUBE PRICES DECREASE OR INCREASE AFTER THIS CATALOG IS PUBLISHED OUR PRICES WILL CHANGE ACCORDINGLY. Buy where you can be assured of "quality at economy prices".

TYPE NO.	LIST PRICE	YOUR COST	TYPE NO.	LIST PRICE	YOUR COST
GLASS TYPE TUBES					
00A	\$1.35	\$.61	30	\$.80	\$.33
01A	.70	.28	31	.80	.33
1A4	1.75	.73	32	1.35	.61
1A6	1.35	.61	33	1.10	.49
1B4	2.00	.87	34	1.35	.61
1B5/25S	1.35	.61	35	1.00	.43
1C6	1.60	.75	36	1.00	.43
1-V	1.00	.43	37	.80	.33
2A3	1.35	.61	38	1.00	.43
2A5	1.10	.49	39/44	1.00	.43
2A6	1.10	.49	40	.80	.33
2A7	1.35	.61	41	1.00	.43
2B6	2.50	1.10	42	1.10	.49
2B7	1.35	.61	43	1.10	.49
5Z3	1.00	.43	45	.80	.33
6A3	1.60	.61	46	1.10	.49
6A4	1.35	.61	47	1.00	.43
6A6	1.35	.61	48	2.60	1.22
6A7	1.35	.61	49	1.10	.49
6B5	2.25	1.03	50	2.60	1.22
6B7	1.35	.61	53	1.35	.61
6C6	1.10	.49	55	1.10	.49
6D6	1.00	.43	56	.80	.33
6E5	1.60	.73	57	1.00	.43
6F7	1.60	.73	58	1.00	.43
6Z4/84	1.35	.61	59	1.35	.61
10	2.10	.98	71A	.80	.33
12A	.80	.33	75	1.10	.49
12A5	2.10	.98	76	.80	.33
12A7	2.20	.98	77	1.10	.49
12Z3	1.10	.49	78	1.10	.49
19	1.10	.49	79	1.35	.61
20	1.10	.49	80	.70	.28
22	1.35	.61	81	2.10	.98
24A	1.00	.43	82	1.00	.43
25Z5	1.10	.49	83	1.00	.43
26	.70	.28	83V	1.60	.73
27	.80	.33	84/6Z4	1.35	.61

TYPE NO.	LIST PRICE	YOUR COST	TYPE NO.	LIST PRICE	YOUR COST
85	\$1.10	\$.49	99X	\$1.10	\$.49
89	1.10	.49	183	1.65	.81
99V	1.10	.49	485	1.45	.71

METAL GLASS TYPE TUBES

TYPE NO.	LIST PRICE	YOUR COST	TYPE NO.	LIST PRICE	YOUR COST
1C7G	\$1.85	\$.91	6F5G	\$1.10	\$.49
1D5G	1.85	.91	6F6G	1.35	.61
1D7G	1.60	.78	6H6G	1.10	.49
1E5G	1.60	.78	6J5G	1.10	.54
1E7G	1.60	.78	6J7G	1.35	.61
1F5G	2.35	1.15	6K5G	1.35	.66
1F7G	1.85	.91	6K6G	1.35	.66
1H4G	1.10	.54	6K7G	1.35	.61
1H6G	1.60	.78	6L6G	2.10	1.03
1J6G	1.35	.66	6L7G	1.60	.73
5V4G	1.85	.85	6N6G	2.50	1.22
5X4G	1.35	.61	6N7G	1.60	.73
5Y3G	1.10	.49	6Q7G	1.35	.61
6A8G	1.60	.73	6R7G	1.35	.61
6B4G	1.85	.91	6X5G	1.35	.61
6C5G	1.10	.49	25A6G	1.35	.61
			25Z6G	1.35	.61

ALL METAL TYPE TUBES

TYPE NO.	LIST PRICE	YOUR COST	TYPE NO.	LIST PRICE	YOUR COST
5W4	\$1.10	\$.54	6L6	\$2.10	\$.99
5Z4	1.35	.66	6L7	1.60	.73
6A8	1.35	.61	6N7	1.60	.73
6C5	1.10	.49	6Q7	1.35	.61
6F5	1.10	.49	6R7	1.35	.61
6F6	1.10	.49	6X5	1.35	.61
6H6	1.10	.49	25A6	1.60	.61
6J7	1.35	.61	25Z6	1.35	.61
6K7	1.35	.61			

NOTE

A complete variety of low and high power transmitting tubes, as well as accessory equipment, will be found listed on page 85. Special types not shown in this book can be supplied on order at regular trade discounts.

Priced ~~50-0-0~~ LOW you will stock up



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..... **69¢**

Bias Resistors



Fifteen assorted wire wound resistors designed for biasing tubes, center tapped filament resistors, etc. Shpg. wt. 2 lbs.

W3850—**25¢**
Kit of 15.....

RMA Color Coded Carbon Resistors



These resistors are offered at a price far below the market. Specify stock number of type and resistance.

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..... \$2.50

ASSORTED LENGTHS OF HOOKUP WIRE



Little things often make the difference between a profit and a loss. Every serviceman can make good use of the wire bundles listed below. You just can't go wrong. Each bundle contains lengths of wire ranging in size from 2" to 1 ft. All lengths have tinned ends, ready for instant soldering.

Wire types include: rubber covered hook-up wire, lacquered cotton covered hook-up wire, solid push-back wire, etc.
W16049—1 lb. Bundle **25¢**
Your Cost
W16048—2 lb. Wire Bundle **45¢**
Your Cost
W16047—3 lb. Wire Bundle **65¢**
Your Cost
W16046—5 lb. Wire Bundle **98¢**
Your Cost

SERVICEMEN—TAKE NOTICE—The kits and assortments listed on this page represent the most often replaced components in a radio set. All are specially priced to enable you to stock-up now and obviate expensive "emergency buying" of single units. If bought separately, the components of any single kit or assortment would cost many times the prices shown below. So stock up now!

R. M. A. Color-Coded Carbon Resistor Kits

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—**\$1.35**
Kit of 100.....



50 ASSORTED RESISTORS
Similar to above kit, 50 resistors. Comprises 1/4, 1/2 and 1 watt resistors all RMA color coded.
W3859—**69¢**
Your Cost, Kit of 50.....

25 ASSORTED RESISTORS
Twenty-five assorted 1/4, 1/2 and 1 watt resistors. All coded. Shpg. wt. 1 lb.
W3867—**37¢**
Kit of 25.....

By-Pass Condenser Assortment



Contains 25 popular tubular by-pass condensers, are of standard capacity and working voltage. Capacities range from .00025 to .1mf. Shpg. wt. 2 lbs.
W3360—**59¢**
Your Cost, Kit of 25.....

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—**\$1.49**
Your Cost.....

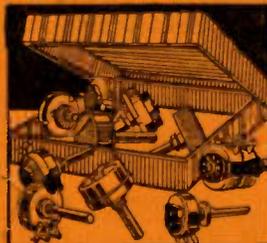
Voltage Divider Assortment



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—**45¢**
Kit of Ten.....

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—**\$1.25**
Kit of Ten.....



SERVICE WIRE KIT — CUT LENGTHS



Approximately 200 feet of wire in lengths from 4" to 24". Wire types include: push-back rubber covered, shielded, twisted pair parallel, hook-up, lamp cord, etc. All brand new. Wt. 4 lbs.
W16299—**25¢**
Your Cost.....

Kit of 10 Radio Knobs



Ten assorted radio knobs, including wood and bakelite types with set screws and springs.
W9662—**25¢**
Kit of 10.....

R. F. Choke Kit



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—**29¢**
Your Cost, Kit of 10.....

Kit of 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, etc.
W15266—**9¢**
Your Cost, Envelope of 25.....

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.
W9801—**19¢**
Your Cost.....

Wafer Tube Sockets

The 5-prong sockets are marked with "spkr" and have mounting centers 1 1/2" apart. The 6 and 7-prong sockets are unmarked; mounting centers 1 3/4" apart.
W13128—5 prong, 10 for **15¢**
Your Cost **2¢**
W13159—6 prong.
W13193—7 prong, small. **1 1/2¢**
Your Cost Each.....
50 for..... 60¢ 100 for..... 90¢



Five-Prong Male Plug

All Bakelite shell Prongs on detachable fibre base.
W11778—**5¢**
Your Cost.....



Every Day is BARGAIN DAY at Wholesale Radio Service Co. Inc.



BARGAINS



QUANTITY LIMITED

3-Gang .000365 Mfd. Variable Condenser



Features include: ball bearing rotor, heavy aluminum plates, low shields between sections. Capacity, .000365 mfd.—for t.r.f. sets or superhets (with padders). Trimmers on side. Upright mounting. $3\frac{1}{4} \times 1\frac{1}{2} \times 3\frac{1}{8}$ " Shaft $\frac{1}{8}$ ". Counter-clockwise rotation. Shpg. wt. 2 lbs. **W9760—Your Cost** **29¢**

.25 Mfd. and .5 Mfd. Tubular Condensers



High quality paper tubular condensers with 600 volts d.c. working voltage. Sealed in pitch, in cardboard case. Long leads have spade lugs. Ideal for auto ammeter condensers. Quantity limited. **W3500—25 mfd. Each** **6¢**
W3501—5 mfd. Your Cost Each **8¢**

.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. Perfectly sealed in container and provided with leads. $4\frac{1}{4} \times 2 \times \frac{3}{8}$ ". **W498—Your Cost** **9¢**
Special **9¢**

Seven Section Paper Filter Block



Contains seven high voltage paper sections with following capacities: 3-2 mfd., 3-1 mfd. and 1-1.4 mfd. Common negative. In cardboard container $5 \times 4 \frac{1}{2} \times 2 \frac{3}{4}$ ". Used in the Brunswick model B chassis (15, 22, 32, 42). Shpg. wt. 3 lbs. **W1054—Your Cost** **15¢**

1 Mfd. 1000 Volt Cased Condenser



High voltage paper condenser in metal can $5\frac{3}{4} \times 2\frac{3}{8} \times \frac{1}{2}$ " mounting centers $5\frac{3}{4}$ ". Long leads, insulated. Shpg. wt. 1 lb. **W564—Your Cost, Special** **39¢**

Six Section Paper Filter Block



Contains six high voltage paper sections as follows: 3-1 mfd., 1-1.75 mfd., 1-5 mfd. and 1-.25 mfd. Ideal for use by set builders and experimenters. Solder lug terminals mounted on a fibre strip. In cardboard container $5 \times 3 \frac{1}{2} \times 1 \frac{1}{2}$ ". Shpg. wt. 3 lbs. **W1055—Your Cost** **15¢**

Tubular Cartridge Paper By-Pass Units



A line of standard size tubular by-pass condensers at extremely low prices. Provided with bare wire leads securely fastened to the terminals so that they cannot pull out.

Stock No.	Cap. Mfd.	Wkg. Volts	Your Cost
W3507	.01	400	\$0.04
W3508	.05	400	.05
W3509	.1	400	.06
W3510	.25	400	.10
W3511	.5	400	.13
W3526	1.0	400	.18
W3512	.001	600	.06
W3513	.002	600	.06
W3514	.005	600	.06
W3515	.006	600	.06
W3516	.01	600	.06
W3517	.02	600	.07
W3518	.05	600	.06
W3519	.1	600	.07
W3524	.25	600	.12
W3525	.5	600	.15

.00022 Mfd. Tubular

Capacity 220 mmfd., 600 volts d.c. wkg. volts. Sealed in fibre sleeve. Long insulated leads. **W3499—Your Cost** **2¢**
10 for **16¢**

New! SOLAR "Domino" Paper Condensers



A new development in paper condensers. These special flat units are molded into treated Bakelite cases and provided with long stiff wire leads. Completely sealed against moisture. Capacities plainly marked on the housing. Compact type (approx. $1\frac{1}{4} \times \frac{1}{2} \times \frac{1}{8}$ "). For receivers, transmitters and amplifiers.

Stock No.	Cap. Mfd.	Wkg. Volts	Your Cost
W4200	.001	1000	15¢
W4201	.002	1000	15¢
W4202	.003	1000	15¢
W4203	.004	1000	15¢
W4204	.005	1000	15¢
W4205	.006	1000	18¢
W4206	.01	1000	21¢
W4207	.001	600	12¢
W4208	.002	600	12¢
W4209	.003	600	12¢
W4210	.004	600	12¢
W4211	.005	600	12¢
W4212	.006	600	12¢
W4213	.01	600	15¢

Stock No.	Cap. Mfd.	Wkg. Volts	Your Cost
W4214	.02	600	18¢
W4215	.05	600	18¢
W4216	.01	400	12¢
W4217	.02	400	15¢
W4218	.05	400	15¢
W4219	.1	400	15¢
W4220	.01	200	11¢
W4221	.02	200	12¢
W4222	.05	200	12¢
W4223	.1	200	12¢
W4224	.15	200	15¢
W4225	.2	200	18¢
W4226	.25	200	18¢

10% DISCOUNT LOTS OF 100

Synchronous Phonograph Motors



These excellent phonograph motors are being offered at exceptionally low prices. Designed for use in R.C.A. and G.E. equipment. Are sturdily built and fool-proof. Free from variations in speed that cause "wow". Synchronous motor attains 73 r.p.m. speed rapidly and maintains it. Can be used with two-speed turntables. Motors supplied less turntable and mounting springs. Quantity limited. Shpg. wt. 7 lbs.
W189—For 110 volts, 60 cycles a.c. Your Cost **\$3.95**
W190—For 110 volts, 25 cycles. Your Cost **\$4.24**
W191—For 110 volts, 40 cycles. Your Cost **\$4.24**
Either Type **\$4.24**

Shielded Antenna Coil



Fully shielded in aluminum can $2\frac{1}{4}$ " high by $1\frac{1}{4}$ " diameter. Silk covered primary and secondary windings. For use with .000365 mfd. variable condenser. **W10064—Your Cost** **15¢**

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, $1\frac{1}{2}$ " diameter. **W10053—Your Cost** **29¢**

S. P. D. T. Slide Button Switch



Made by Cutler-Hammer S.P.D.T. with screw terminals. Centers $1\frac{1}{4}$ ". **W12824—Your Cost Each** **10¢**

TRANS-PIX Picture Printing Outfit



A new, novel and practical kit for home printing of pictures from negatives. Prints on paper, cloth, metal, etc. Kit contains bottle of sensitizing solution, glass plate, cardboard "backing", clamps, package of "fixer" and full instructions. Makes finished positives. Shpg. wt. 2 lbs. **W18390—Your Cost** **79¢**

* SPECIAL BARGAIN OFFER * AUTO RADIO VIBRATORS

A special offer of these standard replacement vibrators. All are brand new—of standard manufacture, and are fully guaranteed under RMA ratings. Built using high quality components; oversized points, special metal reeds, heavy duty coil, etc., etc. Will give long continued trouble-free service. Only the types listed below, for popular makes of auto radios, are available. All units are triple shielded; are practically noiseless in operation. Quantities limited. Shipping weight 2 lbs.

No.	Manufacturer	Each	No.	Manufacturer	Each
W14613	BUICK-OLDS-PONTIAC		W14625	MOTOROLA (Cont.)	\$1.78
	1 and 2 unit non-synchronous	\$1.66	W14629	66, 77	2.61
W14627	1 and 2 unit synchronous	2.37	W14632	5, 6, 9, 10, 11, 51, 800, 805, 806, 807, 808, FN, 1934	2.10
W14619	980383, 890393	1.66			
W14627	980441, 980455	2.37			
	MAJESTIC		W14631	RCA-VICTOR	2.53
W14633	66, 116, 118	1.78	W14625	M107	1.78
	MOTOROLA				
W14621	Dual 6, Twin 8	1.87	W14629	STROMBERG-CARLSON	1.78
W14630	44, 55, 55A	2.66		1933 and 1934 Models	2.61
W14628	S6, 44A, 66A, 77A	2.37			

RADIART Replacement Auto Vibrators

These efficient vibrators are used as standard equipment in a great number of the popular makes of auto radios on the market today. All are built to exacting standards.

Stock No.	Rad. No.	List Price	Your Cost	Stock No.	Rad. No.	List Price	Your Cost
W14263	5300	\$4.50	\$2.65	W14269	2867	\$4.50	\$2.65
W14264	5310	4.50	2.65	W14275	3319	5.50	3.23
W14265	5400	5.00	2.94	W14274	3320	4.00	2.94
W14266	5420	5.00	2.94	W14270	3442	4.75	2.79
W14267	5321	4.50	2.65	W14271	3461	5.25	3.09
W14268	5320	4.00	2.36	W14273	4260	4.50	2.65

Arvin-Motorola Vibrator

Exact duplicate replacement. For Arvin models 7, 17, 27, 37 and 17A; for Motorola models 57, 75, 100, F7, F100, GM57, GM75, and GM100. Also used in Zenith models 5610, 5616 and 1935 models. Wt. 2 lbs. **\$1.29**

32-Volt Vibrator Type F-11

Dual reed type, self rectifying. Used in L'Atro models N54 (Governor), L54 (Lt. Governor), 084 (President). Delivers 200 volts at 35-40 ma. Shpg. wt. 5 lbs. **W6128—Your Cost Each** **75¢**



Special Values in DRY

ELECTROLYTICS

8 Mfd. 450 Volt Dry Electrolytic Condenser



550 Volts Peak

A real bargain special in these 8 mfd., 450 volts (550 volts peak) dry electrolytics. In cardboard containers with flanges for mounting. Long insulated leads for connections. Of standard manufacture—built to high standards and fully guaranteed. Overall size: $4\frac{1}{2}$ " long, $1\frac{1}{2}$ " wide and 1" high; centers $4\frac{1}{2}$ " apart. Units fully impregnated. Shpg. wt. 1 lb. List Price 95c

W3200—
Your Cost Each
Special

17¢

Dual 8 Mfd. 450 Volt Dry Electrolytic



550 Volts Peak

Another "super-special" bargain. This dual 8 mfd., 450 volt (550 volts peak) condenser is housed in an impregnated cardboard container with mounting flanges. Four leads—separate sections. Standard manufacture—fully guaranteed. Overall size: $4\frac{1}{2}$ " long, $1\frac{1}{2}$ " wide and $1\frac{1}{2}$ " high; mounting centers $4\frac{1}{2}$ ". Shpg. wt. 1 lb. List Price \$1.40

W3201—
Your Cost Each
Special

39¢

A.C.-D.C. Electrolytic 16-8-5-5 Mfd., 200-35 V.



Filter and By-Pass Block

This popular type filter and by-pass assembly is especially well 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. Well impregnated and perfectly sealed. In cardboard container with flanges. Color and coded leads. Size: $3\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ "; centers $3\frac{1}{2}$ ". Shpg. wt. 1 lb. List Price \$1.75

W3202—
Your Cost Each
Special

45¢

Compact Cartons



Only $2\frac{1}{4}$ " long. Popular for use in midget sets. Units marked with \dagger have 6" leads; marked \ddagger have lug terminals.

Stock No.	Cap. Mfd.	Peak Volts	Size W	H	Your Cost
W3299†	1/2	500	$3\frac{1}{2}$	$3\frac{1}{2}$	\$0.16
W3109†	2	500	$3\frac{1}{2}$	$3\frac{1}{2}$	.19
W3210†	4	500	$3\frac{1}{2}$	$3\frac{1}{2}$	.24
W3211†	8	500	$1\frac{1}{2}$	$1\frac{1}{2}$	.27
W312*†	4-4	200	$1\frac{1}{2}$	$1\frac{1}{2}$	.33
W3113*	8-8	200	$1\frac{1}{2}$	$1\frac{1}{2}$	.39
W3214*	5-5	50	$3\frac{1}{2}$	$3\frac{1}{2}$	.23

Round Metal Can Units—500 Volts Peak



Inverted Mtg. Type (Can is common negative)

Stock No.	Cap. Mfd.	Size L	Dia.	Your Cost
W3104	4	$2\frac{3}{4}$ "	$1\frac{1}{2}$ "	\$0.26
W3105	6	$4\frac{1}{2}$ "	$1\frac{1}{2}$ "	.27
W3106	8	$4\frac{1}{2}$ "	$1\frac{1}{2}$ "	.29
W3107	4-4	$4\frac{1}{2}$ "	$1\frac{1}{2}$ "	.37
W3108	8-8	$4\frac{1}{2}$ "	$1\frac{1}{2}$ "	.52

Inverted types have stud to fit $\frac{1}{8}$ " hole (illus.). Upright types for clamp mounting. All 450 volts wkg., 500 volts peak.

Upright Mtg. Type (Can is common negative)

Stock No.	Cap. Mfd.	Size L	Dia.	Your Cost
W3129	8-8	$4\frac{1}{2}$ "	$2\frac{1}{2}$ "	\$0.58
W3126	5-15	$4\frac{1}{2}$ "	$2\frac{1}{2}$ "	.73
W3131	8-8-8	$4\frac{1}{2}$ "	3"	.89
W3132	8-8-8-8	$4\frac{1}{2}$ "	3"	1.15
W3133	9-9-18	$4\frac{1}{2}$ "	$3\frac{1}{2}$ "	1.12
W3134	8-8-18-18	$4\frac{1}{2}$ "	$3\frac{1}{2}$ "	1.59

Tubular Electrolytics



Compact tubular cartridges ideally suited for use in midget receivers. Provided with stiff wire leads. Capacities marked.

Stock No.	Cap. Mfd.	Peak Volts	Size W	H	Your Cost
W3145	5	35	50	14c	
W3146	10	35	50	16c	
W3251	8	175	200	22c	
W3355	12	175	200	23c	
W3356	16	175	200	25c	
W3250	4-4	175	200	10c	
W3252	8-8	175	200	33c	

POLYMET .0001 Mica



A popular type mica condenser at a real bargain price. Tested at 600 volts. Capacity

In molded Bakelite case. .001 mfd. List Price 20c

W3817—
Your Cost Each

2¢

Metal Cased By-Pass Block



General replacement unit in metal container with lugs. Contains 2-.25 mfd. and 1-.75 mfd. sections. 400 volts wkg. $2\frac{1}{2} \times 2\frac{1}{2}$ "

W485—
Your Cost Each

5¢

Compact Electrolytics With Mounting Flanges



These units are contained in tough fibre-cardboard housings which are provided with mounting flanges. When clamp mounting is desired, tabs may be cut off, without exposing the foil or injuring the container. Multiple section units have separate negative and positive terminals. $4\frac{1}{2}$ " long, $1\frac{1}{2}$ " wide.

Stock No.	Cap. Mfd.	Wkg.	Voltage	Peak	Your Cost
W3115	4	450	500	22c	
W3116	8	450	500	25c	
W3117	4-4	450	500	60c	
W3118	8-8	450	500	44c	
W3119	8-8-8	450	500	65c	
W3125	50	25	35	25c	

Six Section Electrolytic Filter Block



A complete electrolytic filter and by-pass block. Contains six sections with the following capacities: three 4 mfd., 140 volt sections; one 4 mfd., 220 volt section; one 4 mfd., 180 volt section; one 15 mfd., 20 volt section. All voltages given are d.c. working voltages. Housed in cardboard container $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ "; centers 4". Shpg. wt. 1 lb. List \$2.50

W3368—
Your Cost

25¢

Dual Tubular Unit 4-10 Mfd., 200-25 V.

A combined filter and by-pass assembly housed in a tubular cartridge container and provided with four color coded leads (separate sections). Capacities: 4 mfd. at 200 volts, 10 mfd. at 25 volts (d.c. working voltage). Designed for clamp or strap mounting. Overall size: $3\frac{1}{2}$ " high, $1\frac{1}{2}$ " diameter. Silvered carton. Perfectly sealed.

W3357—Your Cost

16¢

8 Mfd., 500 V. Wet Electrolytic Unit

A special offer of these 8 mfd., 500 volts (d.c. working voltage) wet electrolytics. In round metal cans, for clamp mounting. Of standard manufacture, brand new. Only a limited quantity available. Shpg. wt. 1 lb. Less Clamp.

W3298—
Your Cost

16¢

Special Offer Of Mica Condensers



A special low priced bargain offer of these mica receiving condensers. All housed in sturdy molded Bakelite cases and provided with solder lug terminals. All of standard and popular manufacture. Specify capacity desired when ordering.

Cap. Mfd.	Cap. Mfd.	Cap. Mfd.	Cap. Mfd.
.000005	.00004	.0002	.00037
.00001	.00005	.00025	.0005
.000025	.0001		

W4189—List Price 15c
Your Cost Each

3¢

Per Dozen35c

COLONIAL Model 32



By-Pass No. 1748-SA. Genuine part for models 32 a.c. and 32 d.c. R.F. by-pass. Contains 2-.1 and 1-.5 mfd. sections.

W688—Your Cost Each

35¢

W691—Your Cost

59¢

A. K. Speaker By-Pass



For models 37, 38, 40, 42, 44 and 46. Guaranteed equal to or superior to the original. Capacity .5 mfd. No changes necessary to install.

W3960—Your Cost

79¢

49¢

SPARTON By-Pass Condensers

Used in several Sparton models, including: 737, 740, 591, 701, 101, 931, etc. Improved type. Metal shell with threaded insert in base. Exact duplicates.

W545—25 mfd., 400 v.26¢

W546—5 mfd., 400 v.29¢

W547—1.0 mfd., 400 v.31¢

W548—Your Cost Each

19¢

EVEREADY 50 By-Pass

Exact duplicate of the original Eveready part No. 2822. Contains three .5 mfd., 400 volt sections. Can negative. Has many other uses. Shipping weight

1 lb. List Price \$1.50
W541—Your Cost Each

69¢

Dual Section Unit 4-10 Mfd., 150-300 V.



Common Negative Dry electrolytic filter block in a cardboard container with flanges for mounting. Solder lug terminals. Sections: 4 mfd. at 150 volts, and 10 mfd. at 300 volts (working voltage). Size: $3\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ "; mounting centers $4\frac{1}{2}$ ". Shpg. wt. 1 lb.

W3367—Your Cost

12¢

Special Unit

Four section filter and by-pass block. Sections are: 14 and 8 mfd., 200 volts peak and 10-10 mfd., 35 volts peak. In tubular cardboard container $4\frac{1}{2} \times 1\frac{1}{2}$ ". For inverted mounting.

W2719—
Your Cost Each

55¢

Every Day is BARGAIN DAY at Wholesale Radio Service Co. Inc.

We Want SALES-- These Prices Prove It!

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 3/8" in diam. Rotating member has 3 silvered shorting blades. With 3/8" bushing. Wedged grips prevent whole unit from turning if mounting nut should loosen. Milled shaft is 2" long and 3/4" dia diam. For use as three pole d.t. or 3-circuit shorting switch.
W12961—
Your Cost Each..... 15¢

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 1/2" bushing keeps the switch 1" in back of panel. Threaded bushing is 3/8" diam. and extends 1/4". Shaft is 2 1/2" long, milled, and 1/4" in diameter.
W12962—
Your Cost Each..... 19¢

S. P. S. T. Toggle Switch

Rated 3 amps. at 250 volts. Bakelite housing. Has 6" insulated leads. 3/8" bushing extends 1/4". Limited quantity available.

W12821—
Your Cost Each..... 10¢
Per Dozen..... \$1.00

Triple Crystal Detector



Three high quality galena crystals mounted in a single base. Each individually tested for tone, selectivity and sensitivity. Maintains maximum volume on your crystal receiver at all times. Mounts in standard holder.
W13912—
Your Cost..... 19¢

VICTOR

Antenna Choke Models R32, RE45, R52, RE75

Victor part No. 10444. 150 turns No. 34 wire wound on wooden spool. With tinned leads.
W10122—
Your Cost Each..... 5¢
Per Dozen..... 55¢

Special R.F. Choke

For replacement purposes, receiver construction, and experimental uses. Has a rated inductance of 12 millihenrys. Wound on a wood spool and sealed with pitch. Long leads.
W10132—10 for 75¢
Your Cost Each..... 8¢

★ Special Values in Quality Speakers ★

6" Dynamic With 1290 Ohm Field Coil



Excellent constructed dynamic speaker. Ideal for set builders or for replacement purposes. 6" cone diameter. Heavy field coil has total resistance of 1290 ohms. Complete with transformer to match single 47 or 2A5 tube. Pressed paper cone. Overall 6 1/4" x 4 1/4" deep.
Shpg. wt. 5 lbs.
W19148—
Your Cost..... 98¢

New "Universal" Dynamic Speakers



Feature universal field coil and universal output transformer. Field coils have total resistance of 3000 ohms with taps at 2500, 1800 and 300 ohms. Output transformer matches all types of output tubes, single or push-pull. Plated metal frame, ridged pressed paper cone. Shpg. wt. 6 lbs.
W19150—6" Cone..... \$1.95
Your Cost..... \$2.25
W19151—8" Cone..... \$2.25
Your Cost..... \$2.25

BBL Magnetic Speaker

One of the finest magnetic speaker chassis obtainable. Will handle large power outputs without rattling or distorting. Reproduces the entire tone range with great fidelity. Has impedance of 7000 ohms at 1000 cycles. D.C. resistance is 1000 ohms. Cone diameter 9 1/4". Shpg. wt. 7 lbs.
W19133—
Your Cost..... \$1.95

Speaker Field Coils



Ideally suited for general replacement purposes. All provided with long leads for direct connections. Coils are impregnated and well insulated. Three types.
W19610—Resistance 11,500 ohms. Size: 1 1/4" high, 2 1/4" diameter, 1 1/4" hole. Shpg. wt. 3 lbs.
Your Cost..... 25¢
W19469—5000 ohms resistance. Size: 2" high, 3 1/4" diameter, 1 1/4" hole. Shpg. wt. 5 lbs.
Your Cost..... 35¢
W19470—2000 ohms resistance. Size: 3" high, 2 3/4" diameter, 1 1/4" hole. Shpg. wt. 3 lbs.
Your Cost..... 29¢

6" Dynamic For Auto Sets

Designed for use in auto sets; has 6-volt field (3 ohms.) 6" cone diam. Solid spider, ridged cone. Plated metal frame. Shpg. wt. 4 lbs.
Less transformer.
W19182—
Your Cost..... 75¢

9" Dynamic For Auto Sets

Unusually fine speaker constructed using finest materials. Heavy field post solid spider, plated metal frame. 8" cone. With transformer to match p.p. 45's 43's etc. Cord and plug. Shpg. wt. 10 lbs.
W19178—
Your Cost..... \$1.25

RCA P. M. Speakers

High grade permanent magnet type speakers that require no field excitation. Constructed using high grade materials. Give results comparable with electro-dynamics of equal size. Shpg. wt. 5, 8, 10 lbs. respectively.

Stock No.	Cone Diam.	V.C. Imp.	Your Cost
W19134	6"	3.5	\$3.27
W19135	8"	4.0	4.50
W19138	10"	3.5	5.88

RADIOLA Speaker Filter

RCA Part No. 5853 designed to emphasize the high notes in Model 100B and 103 speakers.
W19454—
Your Cost..... 5¢

2 1/2 Foot 4-Wire Cable

Four conductors, two blue, one red and one black, with an overall tight cotton braid. Conductors are impregnated. One end of each lead has spade lug—other ends tinned.
W16097—10 for 40¢
Your Cost Each..... 5¢

MARVEL 40-Watt Soldering Iron

A truly sensational value in an efficient electric soldering iron. Conservatively rated at 40-watts. Operates on 110 volts, a.c. or d.c. Nichrome wire element in a twin-sleeve porcelain tube—cannot short. Overall length 10 1/4". Copper heater tip is 2 3/4" long. Comes complete with 4-ft. cord and plug.
Shipping weight 3 lbs.
W14873—Per Dozen..... \$3.05
Your Cost, Special..... 28¢

Special Offer 6-Ampere Rectifier Bulb

For use in chargers and other apparatus where high current must be rectified. Similar to tungar bulbs. Mercury type. Will give continuous trouble free service. Of standard manufacture, brand new. Edison base fits standard mogul socket. Limited quantity.
W21909—
Your Cost, Special..... \$2.95

Bargain Closeout Voltage Dividers

Limited Quantity

Originally designed for use in standard receivers; can be used as general replacement resistors. All conservatively rated. Priced for immediate clearance—buy now.

Stock No.	Total No. Resis.	Watts	Resistor Tapped at
W20444	8195	75	1690-205-2140-3750-410
W20445	3940	75	1600-1900-440
W20446	1290	40	400-350-350-190
W20447	2250	50	None
W20513	465	50	375-90
W20562	6000	75	4200-380-1420
W20564	2580	75	500-0-1460-540-0-80
W20565	2080	85	1460-540-0-80
W20566	7780	75	1280-4000-300-2200
W20567	2940	75	1500-1000-130-60
W20705	4920	50	4920

Your Cost Each..... 19¢
Any Above Type..... 19¢

Aero Aerial Wire

Many strands of very fine wire of high conductivity over which is laid a special covering of neutral buff color. An in-door aerial of unusual efficiency. 100 ft. spools. Shpg. wt. 8 oz.
W16167—
Your Cost Each..... 12¢

Key Knobs

Polished Bakelite knobs for Speed-X and similar types of transmitting keys. Takes a moment to install.
W14036—
Your Cost Each..... 7¢

FIBRE TUBING FOR COILS

Finest quality fibre tubing. Especially well suited for winding all types of coils.
Stock No. Dimensions Your Cost

W10230	2 1/2" x 1 1/2"	1¢ Each
W10228	2 1/2" x 1 1/2"	1¢ Each
W10238	3 1/2" x 1 1/2"	1¢ Each
W10239	3 1/2" x 1 1/2"	12 for 10¢

GOVERNOR BALL AND SPRING ASSEMBLY

For disc induction phone motors. Fit early Brunswick and RCA motors. Spring hole centers 1 1/2"; ball diameter 1 1/8", 1/4" thick.
W156—
Your Cost..... 5¢

W.R.S. CO. **Bargain** QUANTITY LIMITED

BRADLEY Controls

1-Meg. Tapped at 1/2-Meg.

Total resistance 1-megohm, with tap at 500,000 ohms (for tone compensation). Bakelite case with metal dust cover. Shaft extends 1/4", bushing 3/8". Potentiometer type. Quantity limited.

W8358—Your Cost 12¢

1/2-Meg. Rheostat With Switch

Rheostat type, for tone control or audio shunt circuits. Built-in line switch. Bakelite case has metal dust cover. Shaft extends 1 1/4" and is milled at end. Bushing 3/8". Only a limited quantity.

W8339—Your Cost 19¢

6000 Ohm Potentiometer

Potentiometer type, tapered for antenna shunt or "C" bias circuits. Total resistance 6000 ohms. Bakelite case, metal dust cover. Shaft extends 3/4" and is milled. Bushing 3/8". Suitable for general replacements or for the new set circuit. Limited quantity.

W8336—Your Cost 12¢

HIVAC Tubes

Measure only 2 3/4" high, 3/4" diameter. Ideal for portable receivers. All 2 volt filaments, drawing only .06 amp. (type XY draws .12 amp.). Written up in many recent radio publications. Full technical details sent on request.

Type XL—Triode Amplification factor 16. 4 prongs.
Type XD—Triode. Amplification factor 16. 4 prongs.
Type XP—Last stage power tube. (Not designed to drive a loud speaker.) 4 prongs.

Your Cost \$3.15

Any Above Type \$4.20

Type XSG—Screen Grid tube. Amplification factor 360. 4 prongs.
Type XY—Pentode output tube. Will drive loud speaker. 5 prongs.

Your Cost \$4.20

Either Above Types. \$4.20

Sockets for above.
W13004—4 Pr. 24¢ Each
W13005—5 Pr. 24¢ Each

★ Quantity Limited ★ Radio Tubes at New Low Prices—RCA Licensed

Never before at these prices, all brand new—first quality—RCA licensed. Packed in factory cartons. All fully guaranteed for 90 days (burn-outs and broken glass excepted). All popular types listed. Stock up now while the opportunity presents itself—you can't go wrong.

Type	Each	Type	Each	Type	Each	Type	Each
1A6	39c	12A5	49c	36	29c	58	32c
1B5	39c	12A7	49c	37	27c	59	39c
1C6	39c	12Z3	32c	38	29c	71A	25c
2A3	39c	25Z5	35c	39	29c	75	32c
2A5	32c	01A	17c	41	29c	76	27c
2A6	32c	12A	25c	42	32c	77	32c
2A7	39c	19	32c	43	35c	78	32c
2B7	39c	22	39c	45	22c	80	22c
6Z3	28c	24A	30c	46	32c	82	30c
6A4	39c	26	21c	47	32c	83	32c
6A6	39c	27	22c	48	49c	83V	49c
6A7	39c	30	26c	50	49c	84	39c
6B5	49c	31	29c	53	39c	85	32c
6B7	39c	32	39c	55	32c	89	32c
6C6	32c	33	32c	56	24c	183	39c
6D6	32c	34	39c	57	32c	485	39c
6F7	39c	35	30c				

49¢

Type 6E5 Cathode Eye Tube.
Your Cost 49¢

Truest Carbon Mike

An outstanding value in a large two-button carbon microphone. Frequency response exceptionally good; from 60 to over 4000 c.p.s. Uses standard 200 ohm buttons. Duraluminum diaphragm, pure gold (24 K.) contacts. Bridge is one casting. 3 3/4" in diameter, 2 1/2" thick. Shipping weight 4 lbs.

W13384—Your Cost Special \$3.45



BMS MIKES

Studio Model

A real mike for home broadcasting. Easily attached to any radio.



Has sliding switch. Shpg. wt. 2 lbs.
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 home broadcaster available.



W13379—Your Cost 54¢

CARTER Phone Jack

One open circuit is closed when plug is inserted. 3/8" panel hole.

W6282—Your Cost 9¢



Carbon Granules

Extra fine quality—not adulterated. Contains sufficient granules to refill one two-button mike. Will not deteriorate.

W13481—Each 39¢



300,000 Ohm Tapped Volume Control

Can be used in many different circuits. Has total resistance of 300,000 ohms, with tap at 150,000 ohms. Shaft extends 2 1/2" and is milled. 3/8" bushing.

W8357—Your Cost 12¢



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. Excellent for general replacements or for the new set circuit. At a special low price.

W8338—Your Cost 19¢



100,000 Ohm G.E. Control With Switch

Manufactured for use in G.E. sets. Has total resistance of 100,000 ohms, reverse taper. Built-in line switch. Rheostat type—can be used as tone control. Shaft 2 1/4" long; bushing 3/8". At closeout price.

W8349—Your Cost 19¢



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. 3/8" bushing.

W6355—Your Cost 9¢



1-Megohm CRL Control

A special bargain offer of these standard CRL volume controls. Have a total resistance of 1-megohm. Potentiometer type, but have one outside terminal lug cut short (connection can be made without difficulty). Tapered for audio grid or tone control circuits. Shaft extends 3/4" and is milled. 3/8" bushing.

W8337—Your Cost 9¢



JONES Jacks and Switches

Single Filament Panel Control Jack

Well insulated. 3/8" hole mounting. Binding post terminals. Nickel plated brass hardware.

W12857—List \$1.00

Double Circuit Panel Mount Jack

Closed circuit type. Nickel plated brass hardware. Single 3/8" hole mounting. With binding post terminals. Moulded Bakelite insulation.

W12858—List \$1.00

"A" Battery Panel Switch

Push button type. Single 3/8" hole mounting. Bakelite insulation with binding post terminals.

W12859—List \$1.00

Eight Contact Inductance Switch

Low loss switch—Bakelite insulation. Nickel plated brass hardware. Mounts in single 3/8" panel hole. Has number of uses in short-wave field.

W12860—List \$1.00



Genuine RCA-VICTOR Double-Faced Records

An excellent opportunity to stock up on these genuine RCA-Victor double faced records at special bargain prices. Ideal for P.A. amplifier demonstrations or the demonstration of phonograph combinations. No two records alike. Shpg. wt. 13 lbs. per carton.

AMERICAN Records
 Includes waltzes, fox trots, martial, tangos, etc.
W346—Carton of 25 \$2.25
Your Cost

SPANISH Records
 Includes bolero, tangos, canciones, paso doble, etc.
W347—Carton of 25 \$3.50
Your Cost

OTHER FOREIGN RECORD ASSORTMENTS
W107—French W108—German W109—Polish W110—Russian 25 for \$3.50



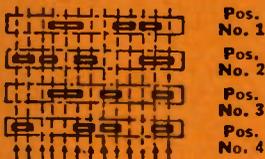


BARGAINS!

QUANTITY LIMITED



13 Contact Switch 4-Position Rotary



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..... **10c**

5-Tube Transformer For 6.3 Volt Tubes

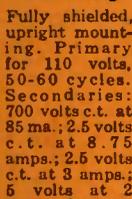


Fully shielded in metal case with crimp lugs for mounting. Primary for 110 volts, 50-60 cycles a.c. Secondaries: high voltage delivers 250/250 volts at 65 ma.; 6.3 volts at 1.5 amps. (for 3 heaters and 1 power tube); 5 volts at 2 amps.

(for 80 rectifier). Wiring diagram furnished. Size: 3x3 1/2 x 3 1/2". Color coded leads. Shpg. wt. 5 lbs.

W1353
Your Cost..... **79c**

8 Tube Transformer For 2.5 Volt Tubes



Fully shielded, upright mounting. Primary for 110 volts, 50-60 cycles. Secondaries: 700 volts c.t. at 85 ma.; 2.5 volts c.t. at 8.75 amps; 2.5 volts c.t. at 3 amps; 5 volts at 2 amps. Lug terminals on fibre strip. Overall size: 6 1/2 x 5 x 3 1/4". mtg. centers 4 x 2 1/2". Shpg. wt. 12 lbs.

CL103
Your Cost..... **\$2.75**

ERLA 4" Dial

Dial and knob assembly ideally suited for use with ham equipment, on home made sets, etc. Gold finished dial calibrated 0-100 counter-clockwise. Bushing for 1/4" shafts. Knob 2" diam., of Bakelite. Shpg. wt. 1 lb.



W9893
Your Cost Each..... **9c**

Metal Binding Posts

Constructed of nickel plated brass. Ideal for use on panels for quick connections. Both types have wood screw base.

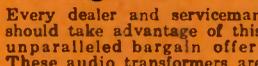
W13026—Type A: 8 Heavy duty dual connection post. Overall length 2".

10 for 25c
Your Cost..... **3c**

W13021—Type B: Wood screw removable; can be mounted with a 10-32 bolt. 10 for 25c.

Your Cost Each..... **3c**

★ Audio Transformer Selection ★ Inputs, Outputs, Straight Audios



Every dealer and serviceman should take advantage of this unparalleled bargain offer. These audio transformers are brand new, high quality units

type and measure approximately 3x2 1/2 x 2 1/2". Shpg. wt. 2 lbs. each.

W1843—Push-Pull Input Transformer. Ratio 3:1.
Your Cost..... **44c**

W5500—Straight Audio. Ratio 3:1.

W5502—Output Transformer. To match single 45 or 71A to a 5-15 ohm dynamic speaker voice coil.

Your Cost
Either Type..... **39c**

W5503—Output Transformer. To match P.P. 45's or 71A's to a 5-15 ohm dynamic speaker voice coil.

W5504—Output Transformer. To match single 47 or 2A5 to a 5-15 ohm dynamic speaker voice coil.

W5505—Output Transformer. To match P.P. 47's or 2A5's to a 5-15 ohm dynamic speaker voice coil.

Your Cost Each, **39c**
Any Type.....

MAJESTIC Pilot Light Dimmer



Exact duplicate of Majestic Part No. 7785. Used in models 300, 300A and 320. Built using high quality material—will stand up. Heavy-duty primary coil. Shpg. wt. 2 lbs.

W2514
Your Cost..... **85c**

Special 2.5 Volt Filament Transformer



Semi-open, strap mounting type with leads. Delivers 2.5 volts at 3.5 amps. (for type 24A, 35, 27, etc. or 3 type 56, 57, 58, etc.). Primary for 110 volts, 50-60 cycles a.c. Shpg. wt. 2 lbs.

W1636
Your Cost..... **39c**

Shielded Audios General Replacement Type



A Straight Audio. Ratio 3:1. 1-plate to 1-grid. Size: 4 1/2 x 3 x 2 1/2". A mtg. Shpg. wt. 3 lbs.

W5642—Your Cost..... **29c**

P.P. Output. Matches p.p. triodes (45, 50, etc.) to 5-15 ohm voice coil. Size: 3 1/2 x 2 1/2 x 2 1/2". Type A mtg. Shpg. wt. 3 lbs.

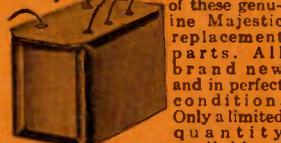
W5644
Your Cost..... **24c**

Single Output. Matches 2A3 or parallel 45's (2300 ohms) to 5-15 ohm voice coil. Type B mtg. 3 1/2 x 2 1/2". Shpg. wt. 2 lbs.

W5645—Your Cost..... **24c**

Phono Input. 200 ohms to grid. Type A mtg. 4 1/2 x 3 1/2 x 2 1/2". Shpg. wt. 4 lbs.

W5643—Your Cost..... **39c**



A special offer of these genuine Majestic replacement parts. All brand new and in perfect condition. Only a limited quantity available at

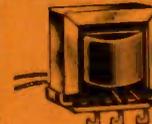
the low prices quoted—stock up now while you have the chance.

A. K. Audio Trans- former

The genuine A.K. Part No. 13276-14016. Used in models 41, 43, 44, 45, 46, 47, 52, 53, 56 and 57. First audio stage; sealed in metal container with color coded leads. Shpg. wt. 3 lbs.

W2326
Your Cost..... **17c**

Midget Pentode Output



Single pentode output transformer (for 47, 2A5, 42, etc.) designed to mount directly on the dynamic speaker.

frame. Only 1 1/2 x 1 1/2 x 1 1/4" overall. Primary matches a 5-15 ohm voice coil. Shpg. wt. 1 lb.

W1549—Your Cost..... **19c**

Special Auto Radio Filter Pack

Built of finest quality materials. Can be used in many auto radio sets. Contains the following parts: 1-375 mmfd. capacitor; 1-5 mfd. capacitor (400 volts working); 2-4 mfd. 200 volt dry electrolytics; 1-300 ohm "B" choke; 1-"A" choke. Housed in a metal container with crimp lugs. 3 1/2 x 2 1/2 x 2 1/2". Shpg. wt. 3 lbs.

W14183—Your Cost..... **29c**

Midget Universal Output



Extremely compact, sturdy transformer for matching the output of any existing types of output

tubes, single or push-pull, to any voice coil of from 2 to 30 ohms impedance. Open type strap mounting. 2x1 1/2 x 1 1/2"; centers 2 1/4". Shpg. wt. 2 lbs.

W5667—Your Cost..... **49c**

Genuine Majestic Transformers

Phono Matching Transformer. 200 ohms to grid. Can be used as single button mike trans. 3 1/2 x 2 1/2 x 2 1/2". Shpg. wt. 4 lbs.

W1638—Your Cost..... **29c**

Filament Transformer. Model 70 (7BP). Part No. 61. Shpg. wt. 6 lbs.

W2105—Your Cost..... **19c**

P.P. Input. Model 130A. Part No. 1883. Shpg. wt. 6 lbs.

W2093—Your Cost..... **75c**

Preselector Coil

Three windings on a Bakelite form. Has antenna primary and two loosely coupled secondaries. Use with .000365 mfd. condenser.

W10130
Your Cost
Each..... **7c**

Detector and Oscillator Coil

Wound on Bakelite form. Inductively coupled. Tracks with a 15-70 mmfd. padding condenser.

W10131
Your Cost
Each..... **7c**

R. F. Coil

Wound on fibre form. Has solder lug terminals. Designed to work with a .000365 mfd. variable condenser. Has metal mounting support. Only a limited quantity available.

W10109—Your Cost..... **9c**

Shielded I. F. Coil 175 Kc.

For use in 175 kc. superhets using a .000365 mfd. condenser. Single tuned from bottom of circular metal can. Has leads for connections. Shipping weight 1 lb.

W10063
Your Cost..... **19c**

Shielded Antenna Coil

Fully shielded antenna coil for use with high gain tubes such as the 6C6, 6D6 etc. Includes a 60,000 ohm carbon resistor. Coil is housed in an aluminum can 1 1/2" high by 1 1/2" diameter. Solder lug terminals on a fibre strip.

W10086—Your Cost..... **19c**

Oscillator Coil Assembly 175 Kc.

For 175 kc. superhets. Completely shielded. Contains grid (external) and plate by-pass condensers and fixed 910 mmfd. padding condenser. Includes screen grid lead and cap. Can measures 3 1/2 x 2 1/2"; mounting centers 2 1/4".

W10284—Your Cost..... **15c**

175 Kc. I.F. Transformer

Fully shielded double tuned 175 kc. i.f. coil with trimmers mounted on a fibre strip. Trimmers adjusted from side of can. Complete with mounting bracket. An ideal general replacement part, or for the new set builder. Size: 3" high, 1 1/2" diam. Shpg. wt. 1 lb.

W10286—Your Cost..... **29c**

Shielded R.F. and Antenna Coils

R.F. coil, illustrated at left, for use in t.r.f. sets using a .000365 mfd. condenser. Secondary winding only. Use external primary choke (approx. 16 millihen.). In metal can 4x2 1/2" diam.

W10283—Your Cost..... **9c**

Antenna coil fully shielded in can 3 1/2 x 2 1/2" diam. Includes grid resistor and plate by-pass condenser. High impedance.

W10285—Your Cost..... **9c**

Last Minute SPECIALS

NEW! WESTON 772 "All-Purpose" Analyzer



Most sensitive meter ever used in a radio tester. Meter sensitivity 20,000 ohms per volt. Draws so little current that accurate measurements can be taken in circuits where current is limited to microamperes. Following meter ranges are 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 and three low ranges available at pin-jacks 0/50/100/1000 microamperes; resistance (ohms) 0/3000/30,000/3,000,000/30,000,000; output meter ranges at pin jacks, 0/2.5/10/50/250/1000. Etched black panel with red and chrome trimmings. In sturdy tan fabricoid carrying case 15 1/4 x 8 3/4". Shpg. wt. 11 lbs. **W21521**

Your Cost..... **\$46.50**

Varnished Insulating Paper



For insulating transformer windings, coils, etc. 100 feet to a roll. 2 1/4" wide. **W15314** - 18¢ Each
10 Rolls for \$1.39

SPECIAL CUSTOM-BUILT ARVIN 6-TUBE SUPERHET AUTO RADIO



For 1935
CHEVROLET De Luxe
PONTIAC
OLDSMOBILE
and
LASALLE

Model 17-B

The best auto radio buy of the season—but you'll have to hurry. Our supply is extremely limited. This custom built 6-tube superhet fits the above listed General Motors cars "like a glove." Illustration at the right shows the header speaker and the matched instrument panel control assembly.

The chassis, shown at the left, makes use of six modern type tubes in a superheterodyne circuit. These are: 2-78's, 1-6A7, 1-75, 1-41 and 1-84. Power is more than ample for reception. Features include: universal mounting holes (on two sides and rear), rubber inner case lining, built-in noise suppression circuit (spark-plug suppressors rarely necessary), excellent tone quality, hair-line tuning, matched dynamic header speaker, tone control operated from dual knob on remote control, etc. The remote control, with matched plates for all cars listed (use only one), fits the instrument panel perfectly.

Arvin Model 17-B complete with tubes, header speaker, remote control, set of suppressors, generator silencer and complete instructions and drilling templates. Shpg. wt. 30 lbs.

List Price \$44.95.
Your Cost Each,
Special.....

\$19.95

Model 17-A For 1935 Ford V-8

Identical with the above, but for 1935 Ford V-8. Complete with tubes and all accessories. Shpg. wt. 30 lbs.

ARVIN Model 17-A. Your Cost.....

\$19.95

Rider's No. VII Manual



The latest issue in the perpetual Trouble Shooter series. Contains 1600 pages—all crammed full of helpful service diagrams, notes, etc. All the latest sets—all standard manufacturers. Available for delivery

in late fall—about November. Shipped Postpaid. Shpg. wt. 11 lbs. **W19951**—Your Cost **\$9.80**

Official Radio Service



Handbook By J. T. Bernsley. Over 1000 pages of information on important radio subjects. Over 750 illustrations. Covers servicing, conversions, test equipment, short cuts, etc.

Size 6x9", with leatheroid cover. Shpg. wt. 4 lbs. **W19977**—Your Cost **\$3.95**

"Postal Telegraph" Two-Way Code Signal Set

Incorporates wireless and blinker signals. Powered by two No. 2 cells in each unit. Code marked on each sender. With miniature telegram blanks and full instructions. For distances up to 50 ft. Shpg. wt. 4 lbs. **W14007**—Complete with bulbs, but less batteries. **95¢**

Your Cost **W20124**—No. 2 Cells (Eveready). Your Cost Each..... 6 1/2¢

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 compensator that maintains accuracy regardless of the amount of metal in your car. Suction cups fasten to windshield. Full instructions furnished. Shpg. wt. 2 lbs.

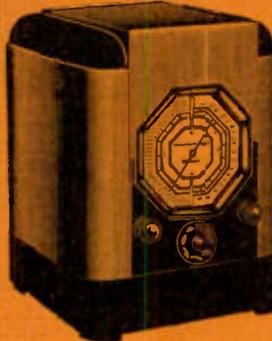
W8465—List Price \$3.50.
Your Cost.....

\$1.45

★ SPECIAL LOW PRICE ★ STROMBERG-CARLSON Model 69

S. W. Converter

- 12 to 200 Meters
- Built-in Power Supply
- R. F. On All Bands
- Ideal for Hams



This short wave converter contains the circuits necessary to convert any good standard broadcast receiver to a modern all-wave set that will offer continuous coverage (including 200 to 550 meter broadcast band of the receiver) from 12 to 550 meters (550 to 25,000 kc.). Merely attach the shielded cable (already connected to the converter) to the antenna and ground posts of the broadcast receiver, attach aerial and ground to the converter posts,

and plug-in. Foreign reception from all over the world—Rome, Paris, London, Moscow, etc., etc., will come in with good volume. The converter contains the frequency changer circuits of a superhet system. It uses four tubes as follows: 1-6D6 r.f. amplifier on all bands, 1-6A7 modulator, 1-76 oscillator and 1-84 rectifier. Power supply is self-contained. Individual coils used on each band; three bands are: 1430 to 4200 kc. (71.6-200 meters); 3700 to 10,500 kc. (28.5 to 81 meters); 9000 to 25,000 kc. (12-33.3 meters). Features include, "touch tuning" afforded by the exceptionally large dial, individually calibrated bands, light system whereby only the band in use is illuminated. Converter is housed in a beautiful two-toned hardwood cabinet. High polished finish, matched modernistic knobs. Size: 14 3/8" high, 11" wide, 9 3/8" deep.

W21981—Model 69 S.W. Converter complete with RCA tubes. For 105-126 volts, 50-60 cycles a.c. Shpg. wt. 28 lbs. Your Cost, Special.....

\$22.50



RCA-Victor Model PG-98 12-Watt Portable System



This new portable p.a. system incorporates new and exclusive improvements that set a new high standard for performance and dependability. It is ideally suited for use in dance halls, amusement parks, gyms, roadhouses, swimming pools, and many others that will suggest themselves.

The system is complete in itself—no accessory equipment is required. Assembly is made up of the amplifier, mike, mike stand, two dynamic speakers, and all necessary cables. The amplifier uses 3-42's, 1-75, 1-6E6, and a 6Z3 in a Class A circuit delivering 12-watts of undistorted power output (25-watts peak). Overall gain 110 db. Low hum level. Controls on front panel (tone, gain and music-speech). Radio and phono inputs included. The mike is a genuine RCA velocity, flat from 50 to

10,000 c.p.s. A table stand is included. Two special dynamic speakers are housed in individual compartments and provided with hand-rubbed walnut speaker plaques. Durable leatherette covered portable case measures: 21 1/4" high, 21 1/4" long, 10" deep. For 110 volts, 50-60 cycles a.c. Shpg. wt. 55 lbs.

W21247—PG-98 System complete with amplifier, tubes, mike, two speakers, cables and housed in portable case. List Price..... **\$179.50**

Dealers and Servicemen deduct 40% from the above list price.



We Challenge You to EQUAL these Prices!

Special Bargain 2-Watt Carbon Resistors



All RMA color coded. Offered at a price far below the present market. Every serviceman should avail himself of this opportunity by purchasing a complete stock now. Only sizes shown in listing are available. Quantities limited. Specify type.

Res.	Res.	Res.	Res.	Res.
Ohms	Ohms	Ohms	Ohms	Ohms
500	3000	20000	50000	
750	4500	25000	60000	
1000	10000	30000	75000	
2000	15000	40000	80000	

W5245—Per 100...\$4.50. **5¢**
Your Cost Each.....

5-Meter Interruptor Coil



Especially well suited for use as low frequency oscillator in 5-meter super-regenerative sets. Wound on a wood dowel, and wax impregnated and covered. Has solder lug terminals. 1 1/2" diameter. W10282—
Your Cost Each..... **9¢**

Special 10" Dynamic



A high quality dynamic at an unusually low price. 10" cone diameter. Has 1400 ohm field coil and is complete with transformer to match p.p. triodes (45's, 50's, etc.). Excellent response. With cable. Shpg. wt. 4 lbs. W19167—
Your Cost..... **\$2.95**

Same as above, with 1000 ohm field and single pentode output transformer (47, 2A5). W19168—Your Cost..... **\$2.95**

Full-Wave Vibrator Transformer
Open frame type with long leads. 6-volt primary; secondary delivers 225 volts c.t. at 40 milliamperes. Ideal for general replacement purposes. Heavy duty core, high voltage insulation. Overall size: 2 3/4" high, 1 3/4" deep, 3 3/4" wide; centers 2 3/4" x 1 1/4". Shpg. wt. 4 lbs. W1547—Your Cost..... **94¢**

Magnavox 8" Dynamic



A well made dynamic speaker, 8" diameter, ideal for use as a replacement speaker or for the new set. Has 1250 ohm field coil, and is furnished with an output transformer to match a single pentode (47, 2A5, etc.). Excellent frequency response. Has hum bucking coil. Pressed paper cone, heavy field coil. Entire metal chassis is plated to be rust proof. Has plug connector. Quantity limited. Shpg. wt. 5 lbs. W19127—
Your Cost..... **\$2.25**

Midget I. F. Transformers

Midget, double tuned i.f. transformers ideal for use by set builders or for replacement purposes. Trimmers have genuine isolantite bases, and are top tuned. Precision winding insures exceptionally high gain. In round containers 1 3/8" in diameter. Color coded leads. W10036—175 Kc. W10035—456 Kc. **35¢**
Your Cost Each
Either Type.....

RCA Remote Control Box and Cable



The genuine RCA-Victor part used with the expensive combination models. Unit consists of the remote control box with 25-ft. of special 12-wire cable attached. Button box has six station selectors, two "on-off" buttons and four volume control buttons (2-increase and 2-decrease). Can be used as an additional remote control. Only a limited quantity. Shpg. wt. 4 lbs. W18744—
Your Cost..... **\$1.95**

R.F. Coil



Originally used in Radiola models 44, 46 a.c. and 47, a.c. second or third r.f. Comes complete with low frequency primary coil and mounting bracket. W10127—Each..... **10¢**

25000 Ohm Control



Manufactured by Centralab. Potentiometer type, 25000 ohms. Tapered for antenna or bias. Milled shaft 1 1/2" long. Bakelite case. W8335—
Your Cost **12¢**

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 1/2" x 2 1/4" x 3". Shpg. wt. 4 lbs. W1546—Your Cost **\$1.10**

Oversize P. P. Input



Constructed using extra heavy core of high permeability metal. Overall ratio 2.5 to 1. Fully shielded in black lacquered metal case and provided with insulated leads. Will improve tone quality. 3 1/2" x 2 1/4" x 2 1/4"; centers 3". Shpg. wt. 4 lbs. W1807—Each..... **69¢**
Same as above, but uncased. Strap mtg. Shpg. wt. 3 lbs. W1808—Each..... **59¢**

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 1/2" x 3 1/4" x 4 1/4". Shpg. wt. 4 lbs. W578—Your Cost..... **59¢**

9-Tube Power Transformer



Fully shielded upright mounting type with color coded leads. Primary for 110 volts, 50-60 cycles a.c. Secondaries: high voltage delivers 700 volts c.t. at 100 ma.; 2.5 volts at 2 amps. (82 rectifier); 2.5 volts c.t. at 5 amps. (5-56's, 57's, etc.); 2.5 volts at 4 amps. (p.p. 46's, etc.); 6.3 volts at 5 amp. (1-89, etc.). Size: 4 3/4" x 4-3/4" x 3 1/2". Shpg. wt. 9 lbs. W1545—Your Cost **\$1.69**

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 1/2". Shpg. wt. 5 lbs. W1544—Your Cost **\$1.29**

15 Henry Filter Choke 75 Ma.



A fully shielded filter choke for use in power amplifiers, etc. Rated inductance 15 henrys at 75 ma. maximum d.c. Resistance (d.c.) 800 ohms. Lug terminals. 2 3/4" x 3 1/4" x 2". Shpg. wt. 3 lbs. W1542—
Your Cost..... **49¢**
Same as above, but unshielded. Shpg. wt. 3 lbs. W1543—Your Cost..... **39¢**

POLYMET By-Pass Condensers

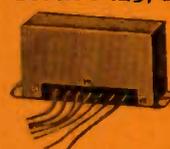


.25 Mfd. 300 Volts
In metal case with solder lug terminals. Mounting feet at top and bottom. For general use in all types of receivers. W740—
Your Cost Each..... **10¢**
2 Mfd. 200 Volts
Similar in appearance to the above, but 2 mfd., 200 volts working voltage. Quantity limited. W743—
Your Cost Each..... **22¢**

2. Mfd. 600 Volt Uncased Section

A high voltage filter section of the hang-up type. Rated 2 mfd., 600 volts working voltage. Long insulated leads. Fully impregnated and covered with pitch. Ideal for replacing defective condenser block sections. Shpg. wt. 1 lb. W747—
Your Cost Each..... **13¢**

Seven-Section By-Pass Block 6-.25, 1-1 Mfd.



A complete by-pass condenser block for radio receivers and amplifiers. Contains six .25 mfd. and one 1 mfd. sections, all 400 volts d.c. working voltage. Common negative. 4 x 2 1/4" x 1 1/4"; centers 4 1/4". Shpg. wt. 1 lb. W745—Your Cost Each **23¢**
Similar to above, but with nine .1 mfd. sections. Three common leads. 6 1/2" x 1 1/4" x 1 1/4". W746—Your Cost..... **18¢**

Round Metal Can Dry Electrolytics



Standard type round metal can electrolytics at prices far below the present market value. All brand new, of standard manufacture, and conservatively rated. Ideal for all replacement work, and for the new set builder. Units marked with asterisk (*) are inverted types; others upright.

Stock No.	Cap. Mfd.	Wkg. Volts	Dim. In.
W680	2-4*	250-300	3 1/2" x 1 1/2"
W681	8-8	250-200	3" x 1 1/2"
W682	8-12*	35-250	4" x 1 1/2"
W683	6-7-8*	400-450-25	4" x 1 1/2"
W684	8-8-8	25-250-250	4" x 1 1/2"
W685	8-8-8*	450-450-250	4" x 1 1/2"
W686	8-8-10	475-475-50	5 1/2" x 1 1/2"
W687	8-16-16	125-125-125	3 1/2" x 1 1/2"

Your Cost Each **29¢**
Any Above Type.....

4-Section Electrolytic 8-8-4-4 Mfd., 300-25 V.

Filter and by-pass unit in cardboard container with flanges. 8-8 mfd., 300 volts, and 4-4 mfd., 25 volts (d.c. working voltage). 2 1/2" x 1 1/2" x 1 1/2"; centers 3 1/4". W679—
Your Cost Each **29¢**

Polymer .25 Mfd. 200 V. By-Pass

In metal can with insulated leads at top. Mounting feet top and bottom. .25 mfd. 200 volts working voltage. W744—10 for 50¢
Your Cost Each..... **6¢**

Lafayette PUBLIC ADDRESS Equipment

THE public address amplifiers, systems and accessories pictured on pages 41 to 56, following, represent only a portion of the complete line of Lafayette public address products, which are world-famous for their advanced engineering, rugged construction and low prices. The entire line is described in greater detail, with more illustrations, in a special 46-page LIST PRICE

catalog, which is devoted exclusively to amplifiers and related apparatus. Every dealer, service man and P. A. specialist should have a copy of this catalog, which is by far the largest and best book of its kind ever published. Simply address a card or letter to any Wholesale Radio Service Co., Inc. office and ask for catalog No. 64 W. It will be mailed to you immediately, without cost.

5 WATT HIGH-GAIN Amplifier

Lafayette



THIS new Lafayette amplifier is the highest gain, low powered unit ever developed. It makes possible for the first time direct connection to a low-powered amplifier of a crystal, velocity or sound-cell mike without the need for additional pre-amplifiers. Three input channels are provided: one high-gain, with separate volume control, and two low-gain, with dual-input fading control which permits simultaneous control. The amplifier furnishes 6 watts of power to a 1000-ohm speaker field. The audio output is full 5 watts into a 7000 ohm load.

Output impedance is 7000 ohms; input impedance is 5 megohms for the high-gain channel and 500,000 ohms for the low gain channels. You don't have to be an engineer to operate this amplifier. Connections are easy and simple to make, and the power line is fused for positive protection. The chassis has room for a speaker, permitting the construction of a compact single-unit system. Power consumption from a.c. line is 60 watts.

This amplifier is recommended for all low-power public address requirements, such as call systems, hearing aids, phonograph modernization, small halls, "barkers," etc.

Model 244-A—Lafayette 5-Watt High Gain Amplifier, less tubes and screen. For 110 volts, 50-60 cycles a.c. Dimensions: 12"x6 3/4"x7 1/4". Code ALBAS. Shpg. wt. 14 lbs. List Price **\$26.70**

YOUR COST **\$13.35**
Kit of tubes: 2-6C6, 1-6B5, 1-83. YOUR COST **\$2.73**

Model 244-DF—Protective steel screen cover for above amplifier. Sturdy, spot welded, black finish. Illustrated by small photo at left. Shpg. wt. 5 lbs. YOUR COST **95c**

Amplifiers for 220, 240 or 250 volts, a.c., on order only. Write for details and prices.

- SIMPLE
 - COMPACT
 - RUGGED
 - RELIABLE
- ### SINGLE UNIT PORTABLE SYSTEM
- WITH FULL 10" SPEAKER

EMPLOYING the amplifier described above, Lafayette engineers have assembled a portable system that is ideal for lecturers, demonstrators, small orchestras, and other users of low-powered systems of convenient portability. Fitted with a full 10-inch dynamic speaker, it provides volume and quality of reproduction that amazes listeners. The speaker is built into the cover, which provides an unusually large baffle area. It can be placed on the floor or hung by the handle; 25 feet of rubber covered cable is included. Setting up and taking down the system is a matter of minutes, and can be done by any non-technical person.

ATTRACTIVE CARRYING CASE

Both speaker and amplifier are housed in a single carrying case measuring only 13" by 9" by 14 3/4" high. The case is finished in the new "airplane" cloth in light tan with dark striping. Four heavy snap locks hold the sections securely together. The overall construction is very rugged, and this amplifier will readily withstand the hard knocks of portable service. The small illustration below shows how the two sections of the case separate.

Model 548-F—Lafayette 5-Watt Portable System, complete with 10" speaker and cable, but less tubes and microphone. For 110 volts, 50-60 cycle operation. Code SERBA. Shpg. wt. 40 lbs. List Price **\$55.00** YOUR COST **\$27.50**

Kit of tubes: 2-6C6, 1-6B5, 1-83. YOUR COST **\$2.73**
Available for 220, 240, 250 volts at extra cost.

Microphone Combination 604-F to match above portable: 0-104 Astatic crystal mike, W13528 floor stand, 25 ft. cable. Code SWIKA. Shpg. wt. 14 lbs. List Price **\$38.20** YOUR COST **\$21.02** **\$27.50**



"Blue Ribbon" Products approved by Wholesale Radio Service Co., Inc.

15 WATT Standard AMPLIFIER AND DUAL-SPEAKER Portable SYSTEM

- WIDE RANGE CHARACTERISTICS
- MIXER-FADER CONTROL CIRCUIT

In dollar for dollar value the Lafayette Model 129A amplifier stands unrivalled. True wide range sound, as shown by the accurate technical characteristics printed at the right below, is combined with low cost and ultra-light weight.

The exceptional gain or amplification of 140.2 db (at 5 megohms) permits direct use of crystal sound cell or velocity microphones of the highest modern quality. In addition, two low gain input channels are provided for phono and other high level sound sources, with mixer-fader circuit that permits blending of the high gain sound with either of the low gain channels as desired.

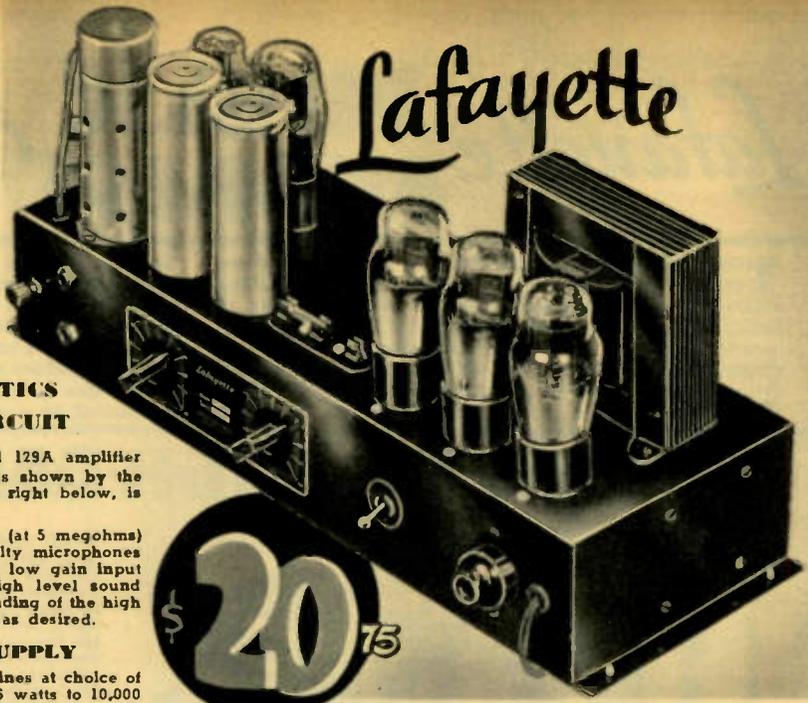
16 WATTS SPEAKER FIELD SUPPLY

Plug-in receptacle on chassis front carries voice lines at choice of a wide range of impedances and field lines at 16 watts to 10,000 ohms. Two 5,000 ohm speakers at 8 watts excitation can be used. Two-position fuse on chassis top provides protection against variation in line voltage.

Model 129A—Lafayette 15 Watt Amplifier, for 110 volts, 50-60 cycles a.c.; 6½" x 17½" x 8" high; less tubes; shpg. wt. 26 lbs. Code ALBAN. List Price **\$39.90**

YOUR COST **\$20.75**
 Kit of tubes: 1-6C6, 1-6A6, 1-76, 2-6B5's, 1-83V **\$4.66**

Lafayette Model 129A Amplifier is available on special order for 220, 240 or 250 volts, 50-60 cycles, a.c. operation. Write for prices and details.



Lafayette

DELUXE QUALITY IN LOW COST AMPLIFIER

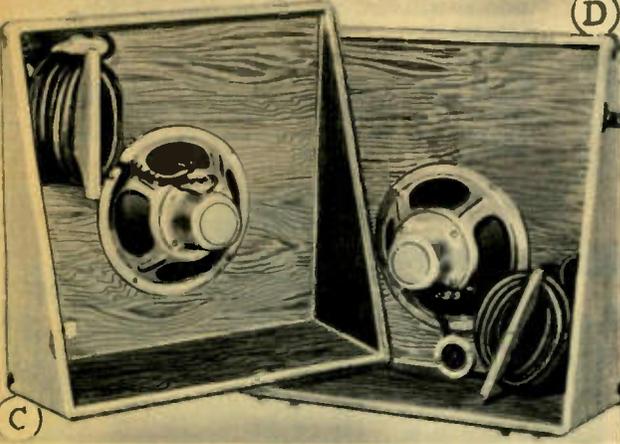
Oversize, conservatively rated parts are used exclusively in the Lafayette 129A amplifier for safe, continuous operation. Heavy-gauge steel chassis with bottom plate provides complete mechanical protection and electrical shielding. Power line fuse is provided with double-position clips wired to taps on the power transformer primary, and is positioned to compensate for conditions of line voltage encountered. All connections and controls are at front of chassis. Plug-in connections with polarized speaker plug provide sure, trouble-free installation.

Rugged, permanent construction, so necessary for trouble-free service, makes this amplifier, like all Lafayette products, an economical investment. An occasional tube replacement is about the only maintenance expense.

TECHNICAL CHARACTERISTICS

Peak Output	20 Watts
Maximum Output to 500 ohms	15 Watts
Harmonic Content at 15 Watts	9%
Hum Level below 15 Watts	45 db
Output Impedances: .35/6/1.35/2/4/8/15/50/250/500 ohms	
Gain: High Gain Channel: at 5 megohms	140.2 db
..... at 150,000 ohms*	125 db
Gain: Low Gain Channels: at 500,000 ohms	85.2 db
..... at 150,000 ohms*	90 db

Highest impedance of present-day input devices.



SUPERB, light-weight portable system, weighing only 36 pounds and measuring only 17"x17"x7" wide, is provided by the Lafayette Model 579P, which includes two dynamic speakers in a modern, rugged, airplane luggage carrying case. For general P. A. work. Case shown closed for transportation at "A," right; open with amplifier removed for operation at "C" and "D" left; open with amplifier in place for operation or transportation at "B."

Model 579-P—System consists of Lafayette 15-watt amplifier, two dynamic speakers, one with 25' and one with 50' heavy duty extension cable; for 110 volts, 50-60 cycles a.c. Less tubes and microphone equipment. Shpg. wt. 48 lbs; Code SAFKA.

List Price **\$79.00**

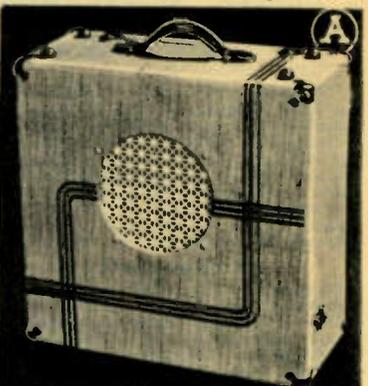
YOUR COST **\$41.85**
 Kit of tubes for above **\$4.66**

Mike Combination 606-M—Consists of Amperite Velocity microphone 13619, chromium plated, adjustable floor stand No. 13577, and 25 feet of microphone cable. Shpg. wt. 22 lbs. Code MOTON. List Price **\$43.00**

YOUR COST **\$21.50**

Mike Combination 607-M—Consists of Shure Wide Range Crystal microphone 701-A, chromium plated, adjustable floor stand 13528 (page 58), and 25 feet of shielded microphone cable. Shpg. wt. 14 lbs. Code MALAS. List Price **\$42.00**

YOUR COST **\$21.00**
 Other microphones and stands suited for use with above system are listed and illustrated on pages 58 and 59.



Lafayette

30 WATT

Four Inputs



• • Especially Suitable for Churches, Athletic Stadiums, Halls and Large Call Systems

TECHNICAL CHARACTERISTICS

Peak Output	50 watts
Maximum Output to 500 ohms	38 watts
Harmonic Content at 38 watts	7%
Hum Level	42 db
Output Impedances: .35/.6/1.35/2.4/6/8/15/50/250/500 ohms.	
Average Power Drain	190 watts
Amplifications: High gain channels:	
at 5 megohms	137.2 db
at 150,000 ohms*	122 db
Amplification: Low gain channels:	
at 500,000 ohms	91.2 db
at 150,000 ohms*	86 db
*Highest impedance of input devices.	

\$42.75

LAFAYETTE Model 255-A is one of the finest public address amplifiers available today at any price. Power output is adequate for all except the largest sound requirements. Tonal quality is unsurpassed; frequency response is 3 db, 50-10,000 c.p.s.

VERSATILE INPUT CIRCUITS

Four input channels are provided; two high-gain for modern velocity or crystal sound-cell microphones, and two low-gain for phonograph input, electric guitar, etc. Sound from any two sources can be used simultaneously, and mixed in any proportions of volume required. Sound sources unused at any given moment remain connected, and are brought into operation at the twist of the control knob.

Wide range tone control is included, for modification of quality to suit taste or operating conditions, and for minimization of feedback at the high volume output provided by this amplifier.

TEN TUBES IN FIVE-STAGE CIRCUIT

Five stages of amplification are provided by ten tubes, as follows: two 2A6's as voltage pre-amplifiers; one 53 as mixer tube; one 53 as voltage amplifier; one 59 as driver stage; four 46's in power output stage; one 83 as mercury vapor rectifier. Thirty-eight watts are delivered to a 500-ohm speaker line at -42 db hum level and 7% harmonic content. Frequency response is within 3 db from 50 to 10,000 cycles per second.

FIELD SUPPLY FOR SPEAKER SYSTEM

Forty watts of speaker exciting power is provided, for a 5,000-ohm field system. Four 1,250-ohm fields can be excited at 10 watts each, or five 1,000-ohm fields at 8 watts each, etc. Speaker connections, both field and voice, are plugged into sockets provided at the rear of the amplifier.

AMPLE SAFETY FACTOR PROVIDED

All resistors, condensers, filters, transformers and chokes are of the highest quality, chosen for safe operation under all normal conditions of line voltage or of continuous, heavy-duty operation, assuring trouble-free service at maximum power output.

SIMPLE, SAFE INSTALLATION

Polarized plug-in connections are included to simplify installation and remove possibility of wrong connections. Speaker plugs carrying both field and speech lines are brought to the back of the chassis; or the plugs may carry field lines only and speech lines brought through pin connectors to any of the speaker impedances provided by the pin jacks at the front of the panel, where output impedances available are plainly marked. Input terminals are protected by shield covers and located directly under the mixer controls.

The chassis is of exceptionally heavy-gauge steel, with steel screen cover optional. Ample ventilation is provided by the screen cover. Parts subject to temperature rise are mounted on the top of the chassis where heat can readily be dissipated.

FOR HEAVY DUTY P. A. WORK

Lafayette Model 255-A is recommended for medium to large size church systems, auditoriums, meeting halls, athletic stadiums, fairs and carnivals, and for all except the largest call and communication systems in stores, factories, etc., and for large music disseminating systems.

SOUND ENOUGH FOR LARGE AUDIENCES

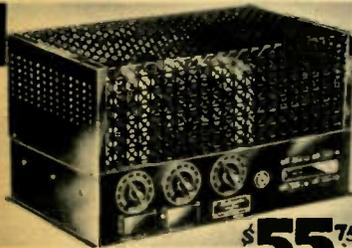
Thirty-eight watts of sound power provided by the Lafayette 255-A amplifier, unequalled except in the largest P. A. systems, is adequate for audiences up to several thousand, indoors or outdoors, and sufficient for 30 or more classrooms, hotel rooms, etc.

Model 255-A—Lafayette 38-Watt 4-in-1 High-Gain Amplifier, for 110 volts, 50-60 cycles a.c.; 9 1/2" x 16 1/2" x 9 1/2" high; less tubes and screen cover. Shpg. wt. 90 lbs. Code ATLAS. List Price \$85.50

YOUR COST \$42.75

Kit of tubes for above amplifier: 2-2A6's, 1-53, 1-59, 4-46's and one 83. **YOUR COST** \$5.03

Model 255-DF—Screen Cover. Provides perfect protection. Shpg. wt. 6 lbs. **YOUR COST** \$1.98



\$55.75

60 WATT MODEL Single Unit

ENORMOUS power for all except the most unusual P. A. applications is provided by the Lafayette Model 290-A 60-Watt Amplifier. Peak power 100 watts. Designed for very high volume at extraordinary tone quality. Has versatile input circuits; see technical characteristics, below.

TECHNICAL CHARACTERISTICS

Peak Power Output	100 watts
Maximum Output to 500 ohms	60 watts
Harmonic Content at 60 watts	5%
Hum Level below 60 watts	42 db
Output Impedances: same as 255-A, above.	
Gain:	
High-Gain Channel: 5 megohms	141.2 db
" " " " at 150,000 ohms*	126 db
Low-Gain Channel: 1/4 megohm	95.2 db
" " " " at 150,000 ohms*	90 db
Frequency Response: Within 2 db from 50 to 10,000 cycles per second.	
Average Power Consumption	200 watts
*Highest impedance of input devices.	

Lafayette Model 290-A incorporates all the advantages of circuit, flexibility and construction of the 255-A, described in detail above, at full 60 watts power output to a 500-ohm line. Field power is not provided; a.c. or permanent magnet dynamic speakers must be used. Oversize parts and heavy-gauge steel chassis, with screen cover optional, for reliability in strenuous use. Gain permits direct operation with velocity or crystal sound-cell microphones.

Model 290-A—Lafayette 60-Watt Amplifier, for 110 volts, 50-60 cycles a.c.; 9 1/2" x 16 1/2" x 9 1/2" high; less tubes and screen. Shpg. wt. 90 lbs. Code ALMIA. List Price \$111.50

YOUR COST \$55.75

Kit of Tubes: 2-2A6's, 2-53's, 1-59, 6-46's, and 1-83 rectifier. **YOUR COST** \$6.13

Model 290-DF—Screen Cover. Shpg. wt. 6 lbs. For protection. **YOUR COST** \$1.98

• • Enormous Power for Mass Meetings, Airports, Rinks, etc.
• • Uses Velocity and Sound-Cell Mikes

44 "Blue Ribbon" Products approved by Wholesale Radio Service Co., Inc.

4 in 1 DUAL HIGH GAIN AMPLIFIER

with Electronic Mixing and Fader Control

COMPLETE 38-WATT HIGH FIDELITY SYSTEM

The Lafayette 38-watt high fidelity system is built around the Lafayette 255-A amplifier described in detail on page 44, opposite, and incorporates four Jensen high fidelity speakers, deriving their field excitation from the power supplied by the amplifier circuits.

HIGH FIDELITY SPEAKERS

The twelve-inch Jensen high fidelity speakers are famous for their pure tonal quality and power-handling efficiency, delivering more sound per watt of electrical input than most other dynamic speakers. Their tone quality, in frequency range and in absence of distortion, does full justice to the superb quality of the Lafayette 255-A Amplifier, and these speakers in association with that amplifier form a combination difficult to surpass at any price. Complete technical specifications and description of the Jensen A-12 speakers will be found on page 63 of this catalog.

FLARE Baffles

Sound distribution is secured, with the Lafayette 800-P system, by means of the No. 19838 flare baffles, which project the sound away from the speakers, distributing it with greater evenness of volume over a wide area, serving at the same time as efficient baffles to conserve low-frequency response. Full description of the baffles used, and of other baffles that may be preferable for certain purposes, will be found on page 62.

The baffles will serve also to minimize feed-back by pointing sound away from the microphone. The enormous power of the Lafayette 800-P system requires that the microphone be protected against excessive volume from its own loud speakers.

SMOOTH RESPONSE—MINIMUM FEEDBACK

Feedback is further combated by the use of Jensen high fidelity speakers, with their exceptionally flat response characteristic. The choice of these speakers, in association with the flat response curve of the 255-A Amplifier, permits operation at high volume level before feedback occurs, since there are no pronounced peaks at some frequencies to cause feedback while overall volume remains relatively low.

LOW LEVEL MICROPHONES

The very high gain of this Lafayette amplifier (122 db at 150,000 ohms) permits use of modern, high quality, low level microphones, such as the wide

range crystal microphone, or velocity microphones of the beam type that can be rotated to minimize their response to loud speaker sound and still further reduce possibility of feedback.

MULTI-PURPOSE SYSTEM

The 800 System is ideal for large political gatherings. The power output, reinforced by the efficiency of the speakers, will override cheering and other background noise, and the tone quality will convey every shade of personality in the voice of the orator. The 800-P System is recommended also for all medium to high power P.A. uses.

System 800-P—Lafayette 4-in-1 high gain system, complete with four Jensen A-12 high-fidelity speakers, one Lafayette Model 255-A Amplifier with tubes and screen cover; four No. 19838 flare baffles; no microphone equipment or cables included; for operation on 110 volts, 50-60 cycles a.c.; shpg. wt. 160 lbs. Code STEVO. List Price **\$175.00**

YOUR COST **\$87.50**

Mike Combination No. 606-M—Consists of Amperite Velocity microphone 13619, (see page 59), No. 13577 chromium plated floor stand (page 58), 25 feet of heavy duty rubber covered cable, No. 20842 (page 58). Code MOTON. Shpg. wt. 25 lbs. List Price **\$42.50**

YOUR COST **\$21.50**

Mike Combination No. 607-M—Consists of Amperite "Streamline" Velocity Microphone No. 13565, less switch, chromium plated floor stand adjustable from 37" to 67", 25 feet of heavy duty rubber covered shielded microphone cable (No. 20842, page 58). Code MALAS. Shpg. wt. 25 lbs. List Price **\$42.00**

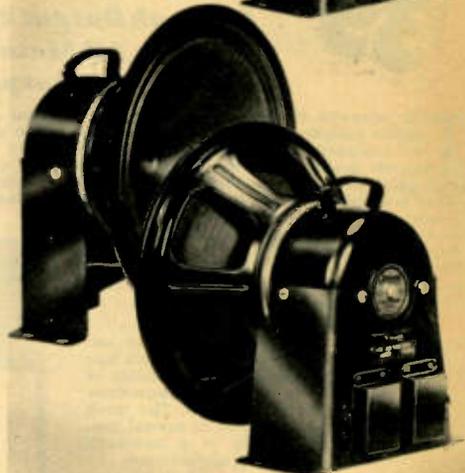
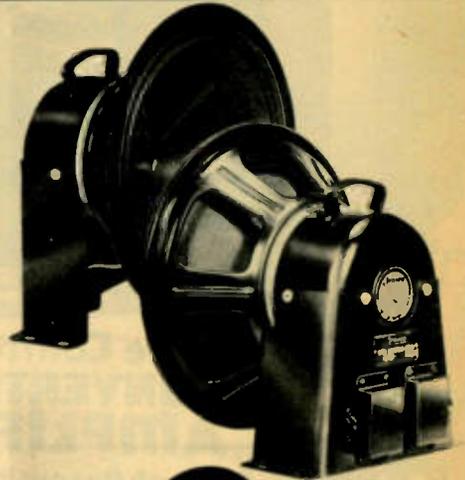
YOUR COST **\$21.00**

Mike Combination No. 608-M—Consists of Amperite "Streamline" Velocity Microphone No. 13565, less switch (page 59), chromium plated floor stand No. 13577, 25 feet of rubber covered shielded microphone cable No. 20842. Code MINET. Shpg. wt. 25 lbs. List Price **\$66.50**

YOUR COST **\$33.25**

Mike Combination No. 609-M—Consists of Amperite "Streamline" Beam Type Velocity Microphone 13612 (page 59), 13577 chromium plated floor stand, and 25 ft. heavy duty No. 20842 mike cable. Code MELKA. Shpg. wt. 30 lbs. List Price **\$66.50**

YOUR COST **\$33.25**



POWER

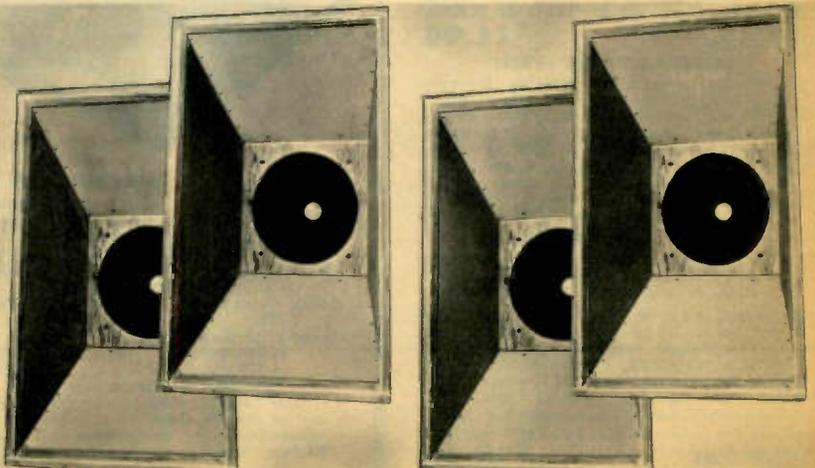
Thirty-eight watts undistorted (7%) output to a 500 ohm loud speaker line provides ample power for most P.A. needs, reinforced by the extraordinary efficiency of the Jensen speakers.

QUALITY

The union of the Lafayette 255-A high fidelity amplifier and Jensen high fidelity 12-inch dynamic speakers in one matched system provides unparalleled quality of tonal results for the most exacting public address requirements. Fidelity of reproduction is unsurpassed.



2
MIKES
CAN BE
USED AT
SAME
TIME



'Blue Ribbon' Products approved by Wholesale Radio Service Co., Inc. 45

Lafayette

6 VOLT MOBILE

**15
WATTS**

\$39⁷⁵

Remote Control CONVERTIBLE AMPLIFIER

- Peak Output 22 Watts
- Uses All Metal Tubes
- "Beam" Output Tube

The Lafayette Model 148-A is ideal for political and general mobile ballyhoo. It mounts in truck or pleasure car as easily and compactly as an auto radio, yet delivers the volume and the superb quality indicated by the characteristics given above. High gain channel is provided for crystal or close talking velocity mike; low gain channel for phonograph or miscellaneous sound inputs; sound from both may be used simultaneously through remote control mixer. Driver can easily operate the equipment while car is in motion. Stand-by switch, remote controlled, reduces battery drain two-thirds by opening B supply circuits.

CONVERTS ANY CAR

This amazingly compact and powerful amplifier converts any automobile or truck into a moving public address system capable of full volume operation anywhere, regardless of the existence of power lines. The truck or car so equipped retains all its normal usefulness and yet is ready at a moment's notice for a variety of P.A. applications.

Model 148-A—Lafayette convertible automobile amplifier with remote control unit. For 6 volts d.c. Less tubes. 12" x 7 1/4" x 7 1/2". Shpg. wt. 32 lbs. Code AMDEN. List Price, \$79.50
YOUR COST \$39.75

Kit of tubes for above, your cost ... \$3.70

Model 1050-PP—Special a.c. power pack to convert above amplifier for 110-volt 50-60-cycle a.c. operation. Complete with 83 tube. Dimensions 8 1/4" wide, 6 1/2" deep, 6 3/8" high. Shpg. wt. 23 lbs. Code PLEMA. List Price ... \$23.90
YOUR COST \$11.95

COMPLETE SYSTEM

A complete system is available, incorporating the 148-A amplifier described above. It includes the amplifier, one Piezo-Astatic crystal hand microphone with 12-ft. cable and connecting plug, one Rola 12" high fidelity speaker in aluminum dome baffle, complete with fixture for top of car mounting, and weatherproof cover. Complete, ready to install and operate.

USES A. C. PACK

To use the same system on a.c. the a.c. power pack described above must be added, as well as a field exciter for the speaker.

System 801-P—Consists of Lafayette Model 148-A amplifier complete with tubes; one Piezo-Astatic hand microphone D104-H (see page 58), 13575, with 12 ft. cable; one Rola 19244 speaker (page 62) in dome baffle 20040 with mounting fixture 20060 and weatherproof cover, for 6 volts d.c. Shpg. wt. 60 lbs. Code SELOR. List Price \$157.00
YOUR COST \$78.50

- Remote Control from Steering Column of Car
- Stand-By Switch Keeps Filaments On for Instant Operation
- Reliable ●● Rugged

TECHNICAL CHARACTERISTICS

Peak Output, 22 Watts: Output to 500 ohms, 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: High Gain Channel:
At 5 megohms: 125.2 db; at 150,000 ohms* 110 db
Gain: Low Gain Channel:
At 500,000 ohms: 80 db; at 150,000 ohms* 75 db
Tubes Used: 1-6J7; 1-6N7; 2-6L6
Power Consumption 14 amperes at 6 volts
*Highest value of present-day input devices.



**20
WATTS**

\$44⁷⁵

Amplifier without screen cover shown above; with cover in place at lower left of Page 47.

TECH. CHARACTERISTICS

Peak Output 30 Watts
Maximum Output to 500 ohms 20 Watts
Harmonic Content at 20 Watts 9%
at 16 Watts 6%
Output Impedances: .35/.6/1.35/2.4/8/15/50/250/500 ohms
Tubes Used: 2-75's, 1-6A6, 1-76, 1-6E6 and 4-79's.
Gain, High-Gain Channels:
at 5 megohms 140 db
at 150,000 ohms* 125 db
Gain, Low-Gain Channels:
at 500,000 ohms 100.2 db
at 150,000 ohms* 95 db
Current Drain 18 amperes at 6 volts
*Highest Impedance of input devices.

MORE powerful and more versatile than the Lafayette 148-A, 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. Tone control is also included, for adjustment of sound quality to taste, and to minimize feed-back at high-volume operation. Silent, enclosed Gene-motor, master and stand-by switches and high gain for standard velocity microphone operation are other features of this amplifier. The Lafayette Model 275-A is a high power, all around P.A. amplifier, readily converted to a.c. operation.

Convertible 110 VOLT AMPLIFIERS

PHONO-P.A. COMBINATION 6 VOLT D.C. 110 VOLT A.C. AMPLIFIER

IDEAL FOR BALLYHOO WORK
Especially designed for ballyhoo work, political rallies, coming merchandise sales, new moving picture films, etc., this radically different mobile equipment answers the demand for complete, versatile, automotive P. A. The perfect rental system, it meets the requirements of renters of all types and businesses.



**.. UNIVERSAL SYSTEM—
USES MICROPHONE AND
RECORDS**

**15
WATTS
\$77⁵⁰**

6 VOLT D.C. 110 VOLT A.C. Convertible AMPLIFIER

WIDE RANGE FREQUENCY RESPONSE

The wide range frequency response of Lafayette Model 275-A amplifier (50 to 10,000 c.p.s. within 3 db) is shown in the accurate curve printed on page 20 of Catalog 64W. Write for your free copy.

20 WATT 6-VOLT EQUIPMENT

Model 275-A—6-volt 20-watt Convertible Amplifier, less tubes and Screen: Dimensions: 9 1/4" x 17 1/2" x 9 1/2" high. Shpg. wt. 37 lbs. Code ACCES. List Price **\$89.50**

YOUR COST

\$44.75

Model 275-DF—Screen cover for above. Shpg. wt. 5 lbs. **\$1.50**

Kit of tubes for above, YOUR COST

\$5.72

Model 1052PP—A.C. power pack for operating 275-A amplifier from 110 volts, 60 cycles a.c. 12" x 7 1/4" x 6 3/8" high. Shpg. wt. 27 lbs. Code PLIRE. List Price **\$23.90**

YOUR COST

\$11.95

Model 1056-PP Field exciter for operating up to 3 six-volt speaker fields from 110 volts, 60 cycles a.c. 4 1/2" x 6" x 12" long. Shpg. wt. 10 lbs. Code PLAVA. List Price **\$39.00**

YOUR COST

\$19.50

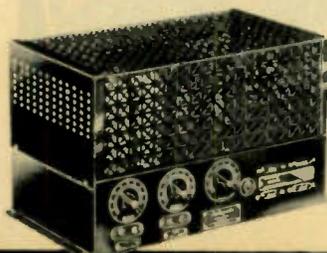
Mike Combination 606-M—Amperite Velocity microphone 13619, mounted on floor stand 13577, and equipped with 25 feet cable, 20842. Shpg. wt. 22 lbs. Code MOTON. **\$21.50**

YOUR COST

COMPLETE SYSTEM

Model 902-P—Lafayette 20-watt, 6-volt system, consisting of 275-A amplifier with tubes and screen, and two Rola 19244 12" high fidelity speakers in 20040 aluminum dome baffles. Shpg. wt. 160 lbs. Code SQAVO. List Price **\$163.00**

YOUR COST **\$81.50**



THE Lafayette Model 574-P phono-amplifier incorporates the 148-A amplifier listed on page 46, with the identical characteristics of volume output and high quality sound. Refer to the technical characteristics printed on page 46 for details.

The input of the 574-P phono-combination, however, includes three channels, one high gain and two low gain, with a mixer-fader permitting blending of the high gain source with either of the low gain channels. Separate tone control is provided for the built-in phono, in addition to the master tone control. Other controls include master on-off switch, stand-by switch, jack for high-gain microphone and jack for the second low-gain input.

TWO-SPEED PHONO MOTOR

The phonograph includes a two-speed 6-volt electric motor for both 78 r.p.m. and 33 1/2 r.p.m. records, and a high fidelity crystal pickup which has the widest tone range of all phono pickups. Low needle pressure insures long record life.

The equipment is sufficiently compact for use in the smallest coupe, but powerful enough for all except the largest indoor and outdoor gatherings. It is readily convertible to 50-cycle, 110-volt operation by means of the power packs listed below.

LOW POWER CONSUMPTION

Power consumption when used in mobile operation is only 14 amperes for the amplifier alone, or less than the charging rate of the average generator when the motor is running. Hence there is substantially no drain at all upon the storage battery, and operation may be continued for many hours, almost indefinitely, without strain upon the battery of any kind.

Model 574-P—Lafayette 6-volt phono-amplifier, as described, less tubes, 11 3/4" x 12 1/4" x 14 3/4" high. Shpg. wt. 72 lbs. Code SMOTA. List Price **\$145.00**

YOUR COST

\$77.50

Kit of Tubes for Above

\$3.70

Model 1050-PP—Lafayette Power Pack to operate amplifier only from 110 volts, 50-60 cycles a.c. 8 1/4" x 6 1/2" x 6 3/8" high. Shpg. wt. 23 lbs. Code PLEMA. List Price **\$23.90**

YOUR COST

\$11.95

Model 1055-PP—Lafayette Power Pack to operate phono motor only, from 110 volts 50-60 cycles a.c.: 12" x 6" x 4 1/2" high. Shpg. wt. 23 lbs. Code PLAVA. List Price **\$39.00**

YOUR COST

\$19.50

COMPLETE D.C. SYSTEM—NOTHING ELSE TO BUY

Model 903-P—Comprises a complete system ready for operation from any 6-volt storage battery; consists of phono-combination described above, complete with tubes; two Wright de Coster 2050 combination trumpet-speakers illustrated above (see also page 62), and model D-104HS Astatic crystal hand microphone (sound cell or velocity microphones may be substituted at catalog prices). Shpg. wt. 115 lbs. Code SCEMA. List Price **\$233.00**

YOUR COST

\$116.50

'BlueRibbon' Products approved by Wholesale Radio Service Co., Inc.

25
WATTS
Output
HIGH GAIN
HIGH FIDELITY



Especially
Designed
for the
MUSICIAN

De Lafayette
De LUXE VELOCITY PORTABLE SYSTEM

THIS portable system, designed and created for musical work, fulfills every requirement requested over a period of years in hundreds of letters addressed to Lafayette Radio Manufacturing Company and Wholesale Radio Service Company, Inc.

USERS DESIGNED THIS SYSTEM

By analysis of detailed correspondence, received from musicians and orchestra leaders everywhere, the needs and desires of musicians were listed and classified. The Lafayette System is the result.

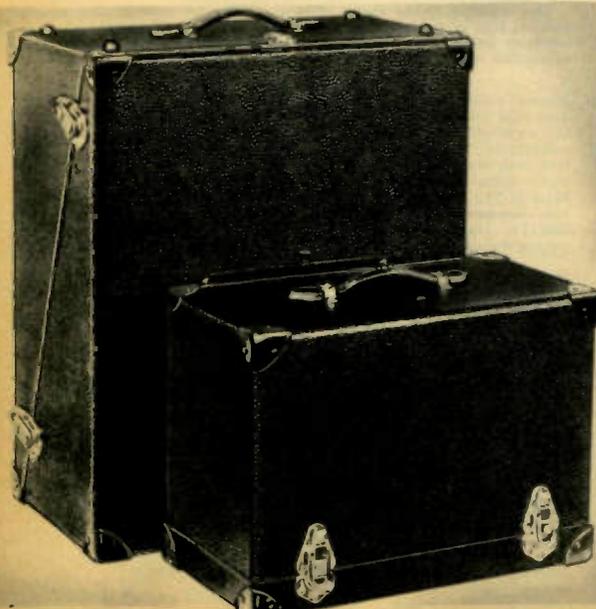
SIMPLICITY IN OPERATION

Essential operating instructions are imperishably engraved on the front panel (see illustration) where they can never be lost and are instantly available each time this portable equipment is taken down or re-assembled. Similarly, the three input jacks, as well as the three controls, are permanently engraved with all necessary information.

QUICKLY ASSEMBLED AND DISMOUNTED

The 571-P System can be taken down for transportation and re-assembled with the utmost speed and convenience. ALL connections are plug and jack type, microphone and other input sources plugging into the front of the panel; speakers connecting through polarized receptacles to the rear of the panel. Nothing could be quicker, more trouble-proof, or more convenient.

The entire system, INCLUDING microphone equipment, mounts for carrying in two compact cases. The illustration at the right, below, indicates how the microphone and stand are carried. This special provision, not included in most portable systems, is typical of the attention to detail found in the 571-P system.



\$84⁷⁵
LESS ACCESSORIES

● ● LAFAYETTE MEDIUM-HIGH POWER SOUND SYSTEM FOR THE MUSICIAN.

● ● DESIGNED THROUGHOUT FOR PORTABLE ORCHESTRA WORK

The tone quality of the Lafayette 571-P System will satisfy the most exacting. Beam power tubes provide high volume level at low harmonic distortion. See page 43 of this catalog for detailed description of the technical characteristics of this unit. The exterior appearance of this amplifier is, however, considerably different, being more studio like.

Two high gain inputs and one low gain input are provided; sound from any two sources can be used simultaneously and mixed in any proportions of volume required. Gain is sufficient for ultra-modern velocity or crystal sound-cell microphones.

Model 571-P—Lafayette DeLuxe Velocity Portable System, designed for the musician; for 110 volts, 50-60 cycles a.c.; amplifier case 9½" x 18" x 13" high; speaker case 20" x 11½" x 23" high; complete with tubes; shpg. wt. 175 lbs. Code SONIA. Less microphone and stand. List Price \$169.50

YOUR COST **\$84.75**

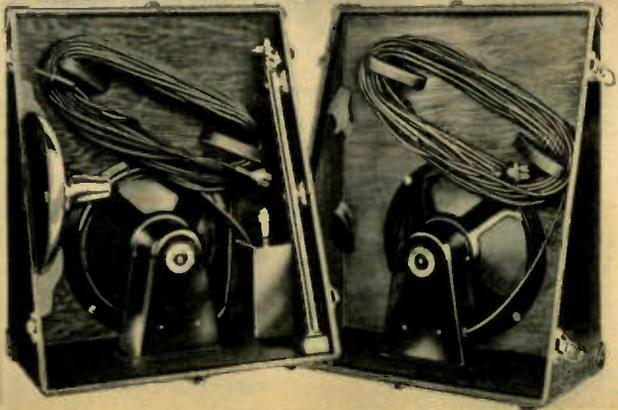
Model 611-P mike combination consists of one Amperite 13612 Beam Velocity Microphone, one special collapsible chromium plated mike stand, W13646, 25 ft. of cable. Shpg. wt. 25 lbs. Code SERGE. List Price \$65.00

YOUR COST **\$32.50**

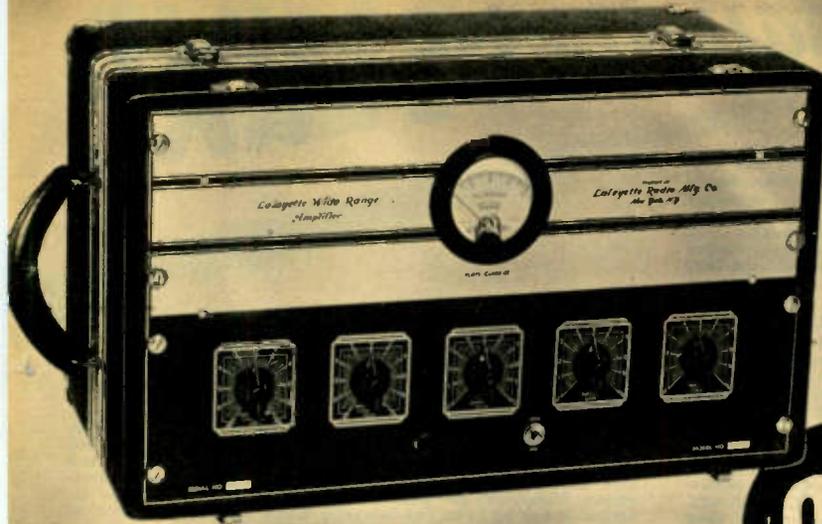


Model 612-P comprises one Shure 701-A Wide Range Crystal Mike, one special collapsible chromium plated mike stand, W13646, 25 ft. of cable. Shpg. wt. 25 lbs. Code SMAVA. List Price \$45.00

YOUR COST **\$22.50**



20 WATT de luxe PORTABLE SYSTEM



With PROFESSIONAL CONTROL PANEL

DESIGNED especially for orchestra leaders who want the finest in sound reinforcement, the Lafayette de luxe portable system offers every modern improvement. Two input channels are provided with individual tone controls, one in each of the high gain mike channels, providing unrivalled delicacy of tonal adjustment. Two dual input mixer fader controls permit mixing of sound from any two sources, and instantaneous selection among any of four sound input lines, two high gain and two low gain. Overall volume control is included.

STRIKING APPEARANCE

Appearance as well as performance has been considered in the design of the Lafayette Model 563-P system. The panel is finished in contrasting rubber-black and silver. The identical color scheme and similar design distinguishes the smart, modernistic carrying cases. All connections are plugged into the rear of the amplifier to avoid marring the appearance of the front panel.

Sufficient gain is provided in the amplifier for velocity or crystal sound cell microphones. Any two sound sources can be used simultaneously and mixed as desired, and four sources can be connected, selection among them being made by the twist of a dial. The power output will be ample for all except the largest audiences. The de luxe system is meant especially for portable work. Carrying cases are reinforced with heavily plated hardware to protect the sturdy leatherette against dirt and scraping that would mar its appearance. A plate current meter is included for quick detection of damaged or worn tubes.

CONVENIENT SPLIT CASES

The amplifier panel, as it appears in operation, is shown directly above. The amplifier carrying case, as closed for transportation, is illustrated at "A", to the right. The speaker carrying case, closed, is shown below at "B", and the two halves of the split speaker case, open for operation, below at "C" and "D".

The amplifier provides 35 watts of field power to two 2500-ohm speaker fields. High fidelity 12" heavy duty d.c. speakers are used, and are equipped with cable and plugs. Fifty feet of cable is supplied with each speaker. Cleats for winding up the cable for transportation are included in the speaker case. All connections are of plug and jack type.

... For Orchestras,
Lecturers, Small
Theatres and Halls

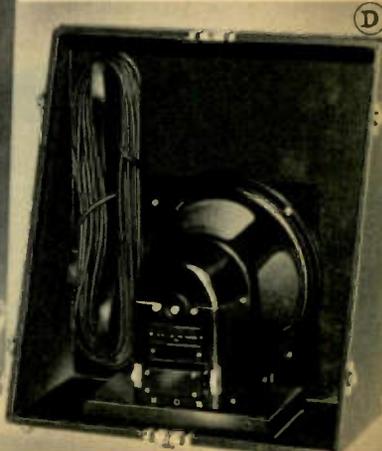
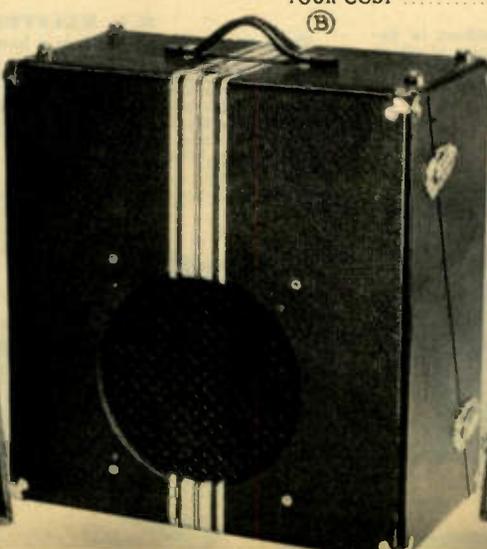
\$99.50
LESS ACCESSORIES

TECHNICAL CHARACTERISTICS

Peak Output 25 watts
Max. Output to
500 ohms 20 watts
Harmonic Content
at 20 watts 9%
at 15 watts 5%
Hum Level
-48 db below 20 watts
Power Load 150 watts
Output Impedances:
35/6/1.35/2/4/6
/8/15/50/250/500
Gain: High Gain Channels
at 5,000,000 ohms, 134.2 db
at 150,000 ohms, 119 db
Gain: Low Gain Channels
at 5,000,000 ohms, 91.2 db
at 150,000 ohms, 86 db
Tubes Used: 2-75's; 2-6A6's; 2-6B5's; 1-83V.

Model 563-P System—complete with carrying case and two high fidelity speakers equipped with cables and plugs, less tubes and microphones, for 110 volts 50-60 cycles a.c. Dimensions, amplifier: 20" x 11 1/2" x 11 1/2"; speaker case 20" x 11 1/2" x 22 1/2". Shpg. wt., 132 lbs. Code AMHOR. List Price **\$99.50**
\$199.00 YOUR COST
Mike Combination #07-M—Consists of Shure Bros. Wide Range Crystal Model 701-A mike, floor stand W13528 and 25 feet of cable. Shpg. wt. 14 lbs. Code SPEBA. List Price **\$42.00**
\$21.00 YOUR COST
Mike Combination #09-M—Consists of Amperite "Streamline" Velocity mike W13565, floor stand W13577 and 25 ft. cable. Shpg. wt. 22 lbs. Code SREFA. List Price **\$66.50**
\$33.25 YOUR COST

Write us, without obligation, for advice upon the microphone combination best suited to the 563-P system in your own use.



Lafayette DE LUXE

THE Lafayette Model 400-A amplifier is designed and built specifically for theatre use, and incorporates oversize, exceptionally rugged parts throughout, for failure-proof operation under theatre conditions.

The 6L6 beam tubes provide ample power for any theatre up to three thousand seats. The Lafayette electronic equalizer, controlled by a full-grip knob on the front panel, was developed especially for this amplifier, and provides compensation for acoustic irregularities or for defects in recording.

MOUNTS READILY ON WALL

Power and quality have been built into a compact unit; the 400-A mounts conveniently on the projection room front wall. Cables from either end run directly to the photo-electric cells. The voltage supplied to each cell is independently variable, by means of controls mounted on the front panel, and read directly by front panel voltmeter.

MICROPHONE CAN BE USED

All controls, including volume control, are mounted on the face of the amplifier. Fuse and all tubes are readily accessible by opening the front screen cover—held in place by two thumb screws. Microphone jack is provided on the front panel and may be used for announcements or for music from a non-synchronous source.

ONLY EIGHT CONNECTIONS

Installation requires only eight connections: two to each of the photocells, two to the loud speaker line, and two to the source of a.c. power. All terminals are covered by metal boxes having knockouts at side and bottom. Eight tubes are used in a modified class "A" circuit: 1-83 high-voltage rectifier, 1-82 bias rectifier, 1-6C6 voltage amplifier, 1-6C6 electronic equalizer, 1-76 voltage amplifier, 1-42 triode driver, and 2-6L6 beam power tubes in push-pull class "AB" output stage. The Lafayette 400-A is the first theatre amplifier to use these new and efficient tubes.

MAKES COMPACT ASSEMBLY

As illustrated at "A" below, the Lafayette 400-A amplifier is shown with the Model 403-A a.c. exciter supply panel (see page 51), constituting a complete standard fidelity system. Lafayette Model 404-A d.c. exciter supply panel shown at "C" may be used instead for high fidelity reproduction and remote control changeover.

Model 400-A—Lafayette 40-Watt Theatre Amplifier, less tubes. Panel for standard rack mounting. For 110 volts, 50-60 cycles a.c. 19" x 8 $\frac{3}{4}$ " x 9 $\frac{1}{4}$ ". Shpg. wt. 73 lbs. Code ASTAN. List Price **\$137.00** **\$68.50**
YOUR COST

Kit of tubes **\$5.24**
W 22086—Black metal cabinet for wall mounting 20 $\frac{1}{2}$ " x 10 $\frac{1}{2}$ " x 10". Shpg. wt. 22 lbs. **YOUR COST** **\$9.75**

Technical Characteristics

Peak Output	60 watts
Maximum Output to 500 ohms	40 watts
Harmonic Content at 40 watts	5%
Gain at 4 megohms	117 db
Gain from P.E.C. Input	105 db
Gain from Microphone Input*	105 db
Hum Level Below Maximum Sound Level	45 db
Drain from 110-volt line	150 watts
Output impedance	250 ohms
Output impedances available on request, no extra charge:	.35/1.6/1.35/2.6/8/15/50/500 ohms.

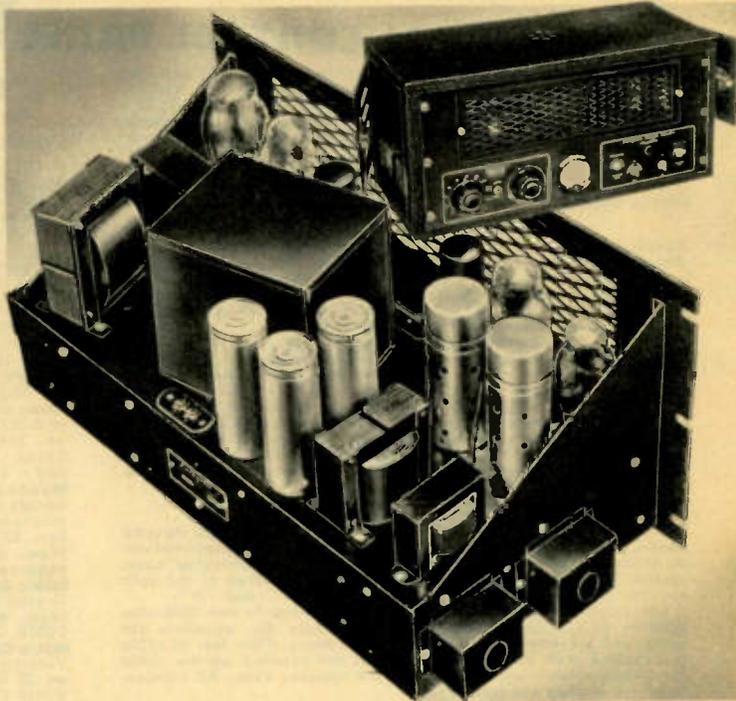
*At 150,000 ohms, highest impedance of input devices currently available.

NOTE!

The entire line of Lafayette theatre amplifiers is described in a special four-page circular, copies of which are free from any W. R. S. Co. Inc. office. Simply write "Send me the theatre circular," on a post card.

Modernize Your Sound Installation At the Cost of a Kit of Tubes!

The Lafayette Model 400-A Theatre Amplifier costs less than a kit of tubes for amplifiers of earlier and less efficient design. It delivers forty watts to the loud speakers, more power than the largest theatres had a few years ago—forty watts of modern, high-fidelity sound, with response up to 10,000 cycles. Preamplifiers become unnecessary with the Lafayette Model 400-A. It possesses enough inherent gain for direct operation from photo cells and (for announcing purposes) from a modern crystal type microphone. Mounts on the front wall between projectors; can be installed in half an hour. The Lafayette Model 400-A is the answer to modern, inexpensive theatre sound equipment.



D. C. EXCITER LAMP SUPPLY

The Lafayette Model 404-A is a humless d.c. exciter lamp supply unit, providing 10 volts at 7.5 or 5 amperes, or 8.5 volts at 4 amperes. Remote control operated for changeover. Tapped power transformer, with selector switch on front panel to compensate for incorrect line voltage. Terminal strips at each end for direct connection to the exciter lamps supplied.

Lafayette Model 404-A—D.C. Exciter Panel for standard rack mounting; for 95-130 volts, 50-60 cycles a.c. 19" x 8 $\frac{3}{4}$ " x 9 $\frac{1}{4}$ ". Shpg. wt. 73 lbs. Code ASTIS. List Price **\$126.00** **\$63.00**
YOUR COST

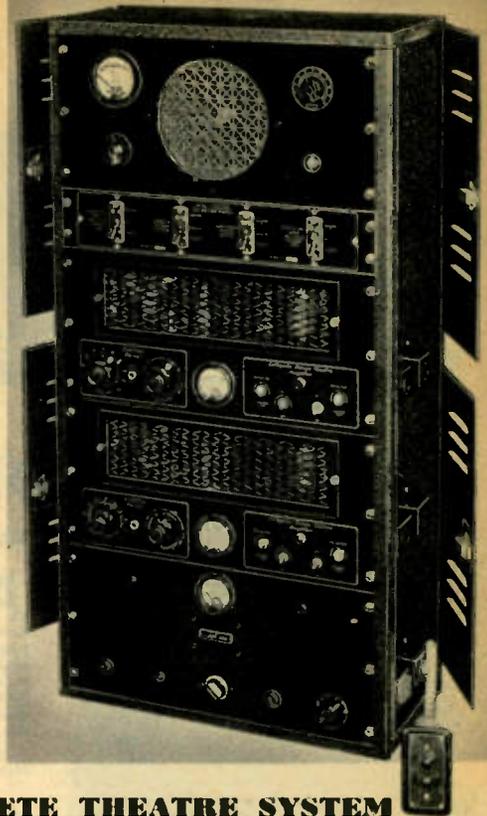
W21900—6-amp. G. E. Tungar bulbs (two required). Each, net **\$2.74**

W22086—Metal Cabinet for above. For wall mounting, 20 $\frac{1}{2}$ " x 10 $\frac{1}{2}$ " x 10". Shpg. wt. 22 lbs. **YOUR COST** **\$9.75**

W22257—Remote Control Stations, 4 $\frac{1}{2}$ " x 2 $\frac{3}{4}$ " x 2". Shpg. wt. 9 lbs. **YOUR COST, each** **\$3.95**



40 WATT THEATRE AMPLIFIER



Write for
Free Copy of
Circular on
Theatre
Amplifiers

COMPLETE THEATRE SYSTEM

THE Ace of Lafayette Theatre Systems, illustrated above, the Model 705-P, offers the most remarkable facilities ever made available. By use of the emergency amplifier and the selector panel, all standard tests, including volume indicator readings, buzz track adjustment of exciter lamp, photographic check of sprocket hole interference, etc., can be made on one projector while the other carries on the show. Unparalleled flexibility provides trouble insurance never available until now.

OTHER COMBINATIONS

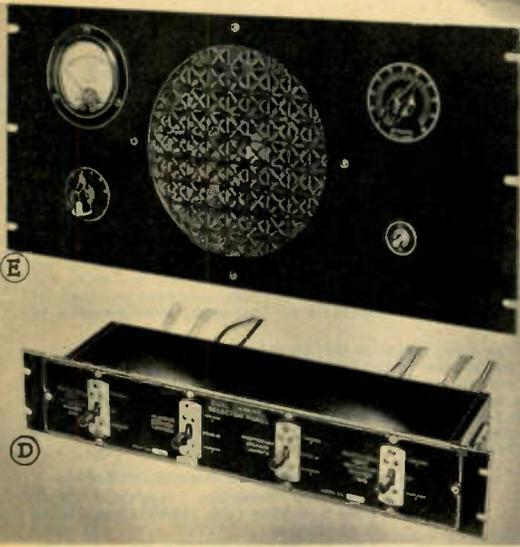
Five fundamental units compose the entire line of Lafayette theatre equipment: the d.c. exciter panel, the a.c. exciter panel, the monitor panel, the dual channel selector panel, and the amplifier. By properly choosing these units, a system can be assembled to meet practically any requirement of sound-on-film work. The least expensive is illustrated at "A," page 50, and many other systems are listed below, up to the Ace Model, 705-P.

Steel rack cabinets of wall mounting type are provided for all systems. They are equipped with side doors to provide instant accessibility to parts that cannot readily be reached from the front. All cabinets are equipped for wall mounting, and designed to fit on the front wall between the projectors. Even the 705-P system is compact enough to mount in this location. Tube changes and fuse changes can be made with utmost speed. All controls are mounted in front and can be adjusted instantly.

INTERNAL WIRING

All systems are shipped with internal wiring complete, minimizing installation problems. Only external connections need be made in the projection room. Photo-cell leads and exciter lamp leads terminate at opposite ends of the chassis, always adjacent to the projector they serve.

Systems using the 402-A monitor panel are equipped to test themselves by means of the volume indicator included in that panel. With such systems, gain runs, formerly rare in the theatre, become matters of daily routine.



A.C. EXCITER PANEL (Fig. B)

For all inexpensive theatre installations, where extreme high fidelity is not required. Supplies 10 volts at 7.5 amperes or 8.5 volts at 4 amperes. Includes multi-contact switch for changeover between projectors, and red and green pilot lights to indicate which projector is being supplied. 19 1/2" x 3 1/2" x 4" for standard rack mounting. Shpg. wt. 13 lbs. Code ASTER.

Model 403-A—YOUR COST **\$10.50**

DUAL CHANNEL SELECTOR (Fig. D)

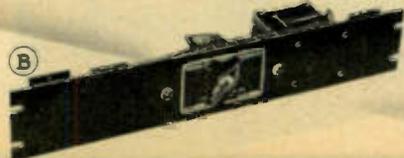
For all systems incorporating emergency amplifiers. Anti-capacity type switches—most efficient known. Circuits such that spare amplifier filaments are kept lighted during show, ready for instant operation. Permits use of one projector, one amplifier and monitor panel for testing and adjustment, while other projector, other amplifier and stage speakers carry on the show. 19" x 3 1/2" x 4" for standard rack mounting. Shpg. wt. 17 lbs. Code ASTMA.

Model 404-A—YOUR COST **\$27.95**

COMPLETE MONITOR PANEL (Fig. E)

Consists of a high quality 8" permanent magnet dynamic speaker, variable range level indicator (output meter) calibrated in decibels, and volume control for monitor speaker. With this panel gain runs, buzz track exciter adjustment, and other standard tests and checks, are available at the flip of a switch. 19" x 6 3/4" x 4" for standard rack mounting. Shpg. wt. 17 lbs. Code ASTYL.

Model 402-A—YOUR COST **\$29.95**



System No. 700-P—Consists of one 400-A amp. and one 403-A a.c. exciter in rack cabinet. 20 1/2" x 14" x 10". Shpg. wt. 95 lbs. Code SCABE. Complete with tubes. **\$92.64**
YOUR COST

System No. 701—Consists of one 400-A amp. and one 404-A d.c. exciter with one remote station. In rack cabinet 20 1/2" x 28 1/2" x 10". One 8 3/4" blank panel. Shpg. wt. 175 lbs. Code SCATO. With all tubes. **\$165.83**
YOUR COST

System No. 702-P—Consists of one 400-A amp., one 402-A monitor and one 403-A a.c. exciter. In rack cabinet 20 1/2" x 28 1/2" x 10". One 5 1/4" blank panel. Shpg. wt. 140 lbs. Code SCBEE. Complete with tubes. **\$123.66**
YOUR COST

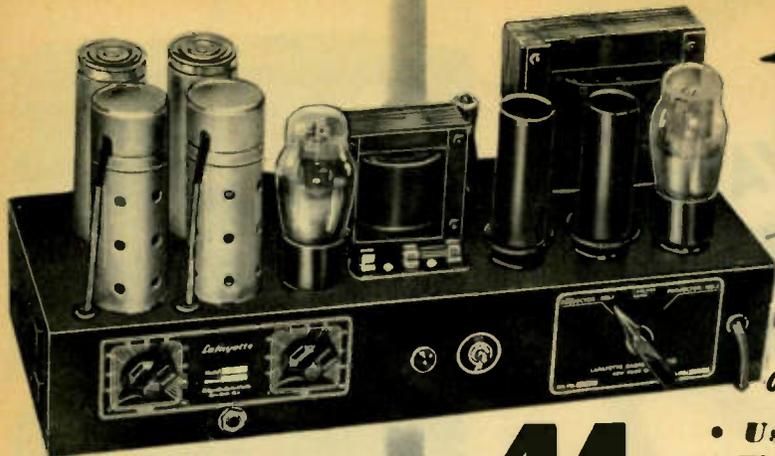
System No. 704-P—Consists of two 400-A amp., one 403-A a.c. exciter and one 405-A dual channel selector. In rack cabinet 20 1/2" x 28 1/2" x 10".

One 1 3/4" blank panel. Shpg. wt. 197 lbs. Code SCERO. With all tubes. **\$205.56**
YOUR COST

System No. 705-P—Consists of two 400-A amp., one 402-A monitor, one 404-A d.c. exciter and one 405-A dual channel selector. In rack cabinet 20 1/2" x 40" x 10". Shpg. wt. 186 lbs. Code SCFAN. With tubes. **\$311.08**
YOUR COST

System No. 707-P—Consists of one 400-A amp. and one 402-A monitor. In rack cabinet 20 1/2" x 28 1/2" x 10". One 8 3/4" blank panel. Shpg. wt. 139 lbs. Code SCHAS. With tubes. **\$115.97**
YOUR COST

System No. 708-P—Consists of one 402-A monitor and one 404-A d.c. exciter with one remote station. In rack cabinet 20 1/2" x 28 1/2" x 10". One 8 3/4" blank panel. Shpg. wt. 136 lbs. Code SCJIB. With tubes. **\$122.29**
YOUR COST



15 WATT Theatre AMPLIFIER and PORTABLE SYSTEM

\$44.50
AMPLIFIER ONLY

- Uses New Beam Power Tubes
- Field Supply for 2 Speakers
- Lowest Price Sound-on-Film Unit—Complete Photo Cell Operation—No Extras Required.

A HIGH quality, medium power, low cost, sound-on-film amplifier, the Lafayette Model 410-A is of exceptionally rugged construction, designed for use where unflinching operation is the first of all considerations. It offers sound quality identical with that obtained from the leader of the Lafayette theatre line, Model 400-A. (See page 50.) Equipped with the same electronic equalizer or tone control, the Model 410-A also incorporates volume control, changeover switch operating upon the exciter lamp supply, bias voltage for two photo-electric cells and a.c. supply at either 8.5 or at 10 volts for exciter lamps. For extreme high-fidelity work, the a.c. exciter supply may be disconnected, and the Model 410-A used in association with the Model 404-A Lafayette d.c. Exciter Panel (page 50).

Dimensions are only 6 $\frac{3}{4}$ " x 8 $\frac{1}{2}$ " x 16 $\frac{3}{4}$ ". Weight is only 20 lbs., ideal for portable work. Microphone input jack permits auxiliary announcement, or use of phonograph.

ELECTRONIC EQUALIZER MEETS ALL CONDITIONS

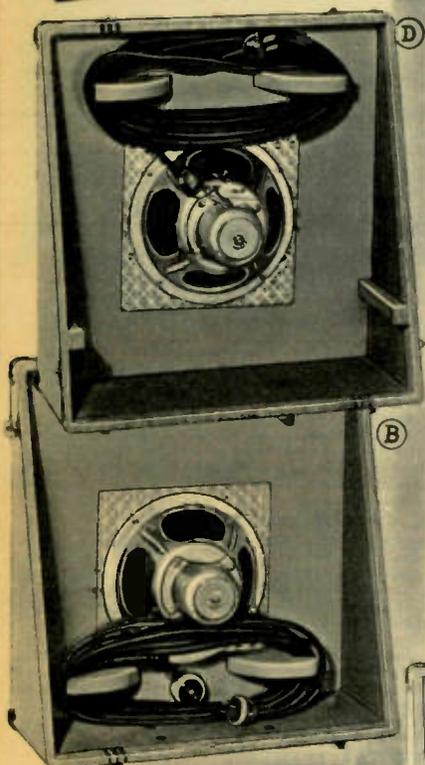
The electronic equalizer, an exclusive Lafayette feature, permits full adjustment of the sound to varying acoustic conditions as encountered in portable operation, or to the acoustics of any theatre in which permanent installation is made, allowing variation of the frequency response of the amplifier to compensate for frequency discrimination in the auditorium.

All controls are mounted on the front panel of the amplifier for instant accessibility during operation. All tubes are at the front of the chassis, for quick change when necessary. Fuse type line voltage control protects the amplifier and provides two-stage adjustment for high or low line voltage. Triple-tap connection provided for adjustment of bias voltage to photo-electric cells. All connections are quickly made for portable or fixed installation. Four connections for two exciter lamps; four connections for two photocells (shielded cables are furnished), speakers and a.c. line are plugged in.

Technical Characteristics

Gain from Photocells, 3 megohms 128 db
Gain from Mike Jack, 150,000 ohms 115 db
Peak Output 25 watts
Output, 500-ohm Speaker Line 15 watts
Output Impedances: .35 to 15, 50, 250, 500 ohms. (State impedance wanted.)
Power Drain from 110-volt line 125 watts
Harmonic Content Max. Output 5%
Field Supply 10,000 ohms, 16 watts

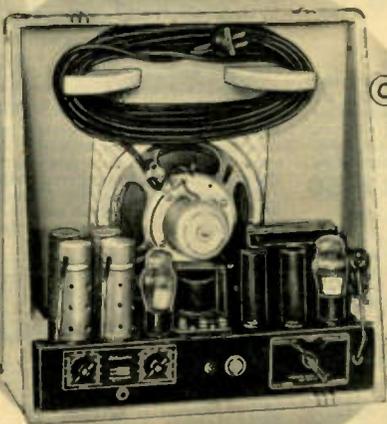
Model 410-A—Lafayette 15-Watt Sound-on-Film Amplifier, for 95-130 volts, 50-60 cycles a.c. Dimensions 6 $\frac{3}{4}$ " x 8 $\frac{1}{2}$ " x 16 $\frac{3}{4}$ ". Shpg. wt. 50 lbs. Code AGREM. List Price \$89 **\$44.50**
YOUR COST
Kit of Matched Tubes: 2-6J7's, 1-6N7, 2-6L6's, 1-83V **\$6.00**



PORTABLE SYSTEM

THE Lafayette Model 562-A Portable Sound System incorporates everything necessary for sound-on-film reproduction except the projector itself and the photo-electric cell assembly. The Lafayette Model 410-A Theatre Amplifier, included in this system, provides all necessary power to the exciter lamps, as well as bias voltage for two photo-electric cells, and also supplies field excitation to the two powerful 8" dynamic speakers. In the accompanying illustrations, "A" shows the system assembled for transportation, complete in its modernistic, airplane luggage-type carrying case. "B" and "D" show the split case opened, with the speakers in place and their cables still unextended, but the amplifier removed for operation. "C" shows how the amplifier fits into one-half of the case, under the speakers. It can be slid out or back instantly, and is not screwed down, but the construction of the carrying case is such that when closed it holds the amplifier rigidly in position and prevents any possibility of damage occurring through transportation.

The microphone input jack with which the amplifier is provided allows standard P. A. operation at any time.



THEATRE QUALITY IN A SUITCASE

The Lafayette Model 562-A Portable Sound-on-Film system provides theatre quality reproduction in a carrying case measuring only 17" x 17" x 7", and weighing, closed and complete, illustration "A", only 55 lbs.

Model 562-A—System, complete with 410-A amplifier, shielded P. E. cell cables, two 8" speakers and 50 ft. cable, less tubes. Shpg. wt. 45 lbs. Code AMEGA.

List Price \$139.00 **\$69.50**
YOUR COST
Kit of Matched Tubes: 2-6J7's, 1-6N7, 2-6L6's, 1-83V **\$6.00**



NEW!

Lafayette P.A. TUNERS

with
CATHODE
RAY EYE

\$28⁹⁵

Wide- RANGE T.R.F. MODEL

THE Lafayette Wide-Range T.R.F. Tuner has been designed to meet the demand for a comparatively low-priced wide-band unit capable of providing sensitivity and selectivity characteristics.

Seven tubes are used, all but the tuning indicator being the latest all-metal types. Tubes are used as follows: 3-6K7's as r.f. amplifiers, 1-6H6 as diode detector and a.v.c. tube, 1-6C5 as audio amplifier, 1-5Z4 rectifier and 1-6E5 cathode-ray tuning indicator. The range of the tuner is from 550 to 1600 kc. (187.5 to 545 meters). Power supply is built in; for 110-volt, 50/60-cycle a.c. operation.

Selectivity is rated at 1000 times 97 kc. wide—this is unusual in a tuner of this type, and is indicative of the superlative design. Stations can be easily separated over the full range of the dial. Sensitivity without side-band cutting is in the order of 15 microvolts absolute as compared with the average 200 to 250!

The a.v.c. circuit is comparable to that of similar circuits in superhet tuners, and provides a full "swing" on the 6E5 cathode-ray tuning indicator. A sensitivity control on the front panel enables the operator to cut out the a.v.c. action in order to obtain maximum fidelity with minimum side-band noise. A manual volume control is provided, and is governed from the front panel.

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.

Model 1004-TP—Lafayette Wide-Range T.R.F. Tuner with panel for standard 19" rack mounting. Less tubes. For 110-volt, 50/60-cycle a.c. Dimensions 8 $\frac{3}{4}$ "x10"x19". Shpg. wt. 32 lbs. Code NALNO. List Price \$54.90. Your Cost **\$28.95**

Model 1005-TP—Lafayette Wide-Range T.R.F. Tuner chassis only for cabinet mounting. Less tubes. For 110-volt, 50/60-cycle a.c. Shpg. wt. 29 lbs. Code NERUS. List Price \$49.90. Your Cost **\$25.95**

Kit of tubes for above: 3-6K7's, 1-6H6, 1-6C5, 1-5Z4 and 1-6E5. List Price \$10.10. Your Cost **\$5.91**



\$48⁹⁵

Wide- RANGE SUPERHET

THE Lafayette Wide-Range Superhet Tuner affords extreme selectivity and sensitivity. It incorporates many modern features that make it particularly well suited for all P.A. work.

The tube complement, comprising seven tubes, includes five of the latest all-metal types. Tubes are used as follows: 1-6E7 as a stage of r.f. amplification on all bands; 1-6K7 as first detector; 1-6K7 as i.f. amplifier; 1-6H6 as diode second detector and a.v.c. tube; 1-6C5 as audio amplifier; 1-80 rectifier and 1-6E5 cathode-ray tuning indicator tube. The power supply is built in.

The tuning range covers from 16.4 to 560 meters in three overlapping bands as follows: from 16.4 to 52.2 meters (5.75-18.3 mc.); from 51.8 to 175 meters (1.715-5.8 mc.); from 173 to 560 meters (535-1730 kc.). Thus, American and foreign amateurs, police calls, and the standard American broadcasts can be received. Wide-range reception is made possible by means of a special high-fidelity control that varies the i.f. band width. When the band width is broadened, the higher frequencies are passed. Sensitivity on the 173-560 meter band is rated at 0.5 microvolt absolute; on the 51.8-175 meter band 1.0 microvolt absolute; on the 16.4-52.2 meter band 2.0 microvolts absolute. Selectivity rated 28-kc. broad at 1000 times signal (sharp). Other features include: manual volume control, cathode-ray eye tuning, efficient band change switch, full-vision illuminated airplane dial and rigid steel bracket mounting.

Output impedances 500 and 50,000 ohms. Can be used with any amplifier having a gain of 50 db or more.

Model 1006-TP—Lafayette Wide-Range Superhet Tuner with panel for standard 19" rack mounting. Less tubes. For 110-volt, 50/60-cycle a.c. Dimensions: 13 $\frac{1}{2}$ "x10 $\frac{1}{2}$ "x10". Shpg. wt. 27 lbs. Code NINAS. List Price \$84.00. Your Cost **\$48.95**

Model 1007-TP—Lafayette Wide-Range Superhet Tuner chassis only, less tubes. For cabinet mounting. Shpg. wt. 23 lbs. Code NONBA. List Price \$79.00. Your Cost **\$46.50**

Kit of tubes: 1-6H6, 3-6K7's, 1-6C5, 1-6E5 and 1-80. List Price \$9.09. Your Cost **\$5.32**



\$13⁷⁵

Single-Speed 78 R.P.M. with Magnetic Pick-Up

A HIGH-QUALITY portable record player at an unusually low price. Makes use of a single speed 78 r.p.m. electric motor provided with a 10" turntable. Motor is silent in operation, and its speed remains constant at any setting. The pick-up employed is a wide-range Audak magnetic type, and is correctly balanced so that there is a minimum of record wear. Response of pick-up covers the entire audible range. Volume control is built in, and provided with a graduated dial. Speed regulator available on top of panel, controlled by a knob. The assembly is housed in a sturdy leatherette-covered carrying case having a strong handle at the top. All hardware is heavily plated. Front clasp provided with locks; two keys furnished. Case dimensions: 15 $\frac{1}{2}$ " wide, 13 $\frac{1}{2}$ " deep and 7 $\frac{1}{2}$ " high. Six feet of flexible rubber-covered cable and attachment plug (approved by Underwriters' Laboratories) included. For operation on 110-volt, 50/60-cycle a.c. only. Complete, ready to operate. Shpg. wt. 25 lbs.

W 22049—List Price \$27.50. Your Cost **\$13.75**

Lafayette ELECTRIC PORTABLES

Two-Speed 78 & 33 $\frac{1}{3}$ R.P.M. Crystal Pick-Up

THE Lafayette Two-Speed Electric Portable record player makes use of a Green Flyer governor-controlled motor provided with a 12" turntable.

A high-fidelity Piezo-electric crystal pick-up insures excellent frequency response. Pick-up is extremely lightweight and requires no counterbalance when used with 33 $\frac{1}{3}$ r.p.m. recordings. Especially well suited for playing back instantaneous recordings—acetate, aluminum, etc. 78 to 33 $\frac{1}{3}$ 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 $\frac{1}{2}$ " wide, 13 $\frac{1}{2}$ " deep and 8" high. Strong carrying handle on top. All hardware heavily plated; rear hinge is full length piano type. Front clasp has locks; two keys furnished. With approved line cord and plug. For 110-volt, 50/60-cycle a.c. Shpg. wt. 25 lbs.

W 22013—List Price \$45.50. Your Cost **\$22.75**
—Same as above, but with 6-volt d.c. motor. **\$27.75**
W 21057—List Price \$55.50. Your Cost **\$27.75**



\$22⁷⁵

10 watt



AUBURN HIGH QUALITY

ULTRA-MODERN CIRCUIT

The Auburn "Master" uses five multi-purpose tubes, two 2A6's, two 2A5's and one 83, in an ultra-modern circuit developing a peak power of 14 watts, and speaker output of 10 watts. Overall gain at 150,000 ohms input is 74 db. Triple-terminal connection strip provides for 200 ohm microphone input; standard jack connection to high impedance input, 500,000 ohms. Plug-in socket for output connections. All connections and controls on front panel. Tone and volume controls provided.

The amplifier supplies microphone current, and speaker field current at 10 watts to 1,000 ohms. Output load impedance is 14,000 ohms.

The heavy-gauge, spot welded steel chassis is finished in rubber black and dimensioned to permit mounting on a rack panel. Dimensions are 15" x 8½" x 8".

Model W-15001—Auburn 10 watt amplifier, for 110 volt, 50-60 cycle a.c. operation, less tubes. Code AMRET. Shpg. wt. 19 lbs.
List Price **\$25.00**

YOUR COST **\$13.75**

Kit of tubes: 2-2A6, 2-2A5, 1-83 **\$2.70**

\$13⁷⁵

SUITED to every medium-power P. A. purpose not requiring high amplification the Auburn 10 watt amplifier is particularly well adapted to amplified phonograph reproduction, to work with electric guitars and for general-purpose high quality amplification at low cost. Two input channels are provided, one for 200 ohm per button carbon microphone and one for high impedance input. Volume and tone controls are included.

The Auburn 10 watt amplifier will be found perfectly adapted to music distribution systems used in small hotels, tourist camps, C.C.C. camps, schools, etc., and to phonograph reproduction in dance halls, restaurants, and other medium and medium-large size rooms where the high gain needed for modern wide range microphones is not necessary. It is equally well suited to medium size calling and communication systems in factories, offices, and general industrial and merchandising applications, for call systems to noisy kitchens, general experimentation, and low power amateur transmitters using a carbon microphone.

W-13645—Matched double-button carbon microphone, 200 ohms per button, shipping weight 5 lbs. List Price ... **\$6.00**
YOUR COST **\$3.23**

W-20945—12 ft. of special microphone cable.
List Price **\$1.20**
YOUR COST **60c**

W-23570—Floor model microphone stand, chromium plated. Shipping weight 11 lbs. List Price **\$8.90**
YOUR COST **\$4.45**

W-19120—Matched 8" dynamic loud speaker, 1,000 ohm, 10 watt field. Complete with output transformer for 14,000 ohms. Shipping weight 8 lbs. List Price **\$7.00**
YOUR COST **\$3.80**

30 watt

AUBURN AMPLIFIER

USES
CRYSTAL MIKE

THIS leader of the Auburn line is intended for average auditoriums, dance halls, athletic fields, churches, and all applications requiring modern tone quality at considerable power output. **USES CRYSTAL MICROPHONE.** Has a peak power output of 35 watts, with 30 watts maximum to loud speaker circuit and gain of 104 db at 150,000 cycles input impedance.

The amplifier supplies 32 watts field excitation to 5,000 ohms, enough for several powerful dynamic speakers. Output impedances for general utility: .35/6/1.35/2/4/6/8/15/50/250 and 500 ohms. Speaker connections are made through two six-prong sockets on the front of the panel.

Tubes used are four 6B5's, one 6A6, one 6C6 and an 83 rectifier. An ultra-modern circuit provides frequency response flat within 2 db from 50 to 10,000 cycles. Wide range tone control and volume control are available at the front of the panel.

Chassis is heavy-gauge, spot-welded steel finished in rubber black and equipped with side flanges for easy mounting. Dimensions are 10" x 17" x 10" high, permitting rack-panel mounting if desired.

SUITABLE FOR MANY USES

The Auburn 30 watt crystal microphone amplifier is recommended for medium size communication and calling systems, music distributing systems, etc., in schools, hotels, tourist camps, summer camps, C.C.C. camps, offices, factories, stores and shipping platforms; for public address systems and group hearing aid systems wherever crystal microphone operation is desirable. It is suited to medium-size athletic fields and to outdoor public meetings. Write for free information upon complete systems incorporating this amplifier. Or see pages 58 and 59 for microphones and microphone stands; pages 62-65 for speakers, baffles and trumpets, and pages 60 and 61 for phonograph equipment. Any high impedance phono pickup can be used. Four 8 watt or six 5 watt speaker fields can be supplied. Any crystal microphone except the sound cell type may be chosen.



\$24⁷⁵

Model W-15007—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.; shipping weight 60 lbs. Code UMLAS. List Price **\$49.90**
YOUR COST **\$24.75**

Kit of tubes for same: 4-6B5, 1-6A6, 1-6C6, 1-83 **\$6.25**

W-13363—Astatic crystal microphone with 6 feet of shielded cable, shipping weight 3 lbs. List Price ... **\$22.50**
YOUR COST **\$13.23**

W-13520—Floor stand for above; chromium plated, adjustable height; shipping weight 11 lbs.
List Price **\$21.50**
YOUR COST **\$5.75**

AMPLIFIERS AT LOW PRICES!

3 1/2 WATT AMPLIFIER INCLUDES BUILT-IN MIKE TRANSFORMER

AN IDEAL low power unit for use as a phonograph amplifier, as the basis of call systems, inter-office communicating systems and for a host of other purposes in which a sturdy, low power amplifier of relatively low gain is required. Sound quality is exceptionally fine, fully equal to that afforded by the average double-button carbon microphone. Output is 3 1/2 watts (peak output 5 watts). Gain is 76 db at 150,000 ohms input impedance.

Power regulation in this amplifier is unusually excellent, due to careful filtering. Oversize components are used throughout, and provide ample safety factor under all conditions of normal operation.

A symmetrically wound double-button microphone transformer is included in a well-designed three-tube circuit using 1-57 pentode resistance coupled to a 2A5, with an 83 mercury vapor rectifier. Microphone current supply is built in. The amplifier supplies field excitation to one 2500 ohm speaker winding.

ALL CONNECTIONS IN BACK

All connections are made to the back of the panel. A high impedance jack is provided for use with phonograph pickups, etc., in addition to the 200-ohm per button carbon microphone input. When the high impedance channel is used, the microphone line is automatically opened. Volume control and tone control are readily accessible at the front of the panel.

W-15866—Auburn 3 1/2-Watt Amplifier, for 110 volts, 50-60 cycles a.c. Less tubes, 14" long, 7" high, 6 1/2" deep. Shpg. wt. 12 lbs. Code AMSES.

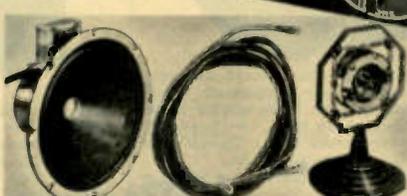
List Price \$21.00

YOUR COST \$10.50

Kit of tubes for above: 1-57, 1-2A5, 1-83 \$1.55

COMPLETE 3 1/2 WATT SYSTEM

The Auburn 3 1/2 watt system incorporates unusually sturdy, oversize parts, ideally suited for continuous operation in service as a



\$ 10⁵⁰

call system, intercommunicating system, or for store or window ballyhoo equipment. Ideal for electrifying old mechanical phonographs, for low cost announcing systems, etc.

Model 804-B—Complete Auburn 3 1/2-watt a.c. system comprising one W15866 Auburn amplifier, one W19128 8" dynamic speaker with 6 ft. of cable and plug, one W13645 Shure Bros. double-button carbon microphone with 12 ft. of W20845 cable, one W13540 desk stand complete with springs, and all tubes. Ready to operate, less speaker baffle. For 110 volts, 50-60 cycles a.c. Shpg. wt. 35 lbs. Code SPOTA. List Price \$43.00

YOUR COST \$21.50

W-13645—Double-button carbon microphone only. Shpg. wt. 4 lbs. List Price \$6.00

YOUR COST \$3.23

W-13540—Desk stand only. Shpg. wt. 5 lbs. List Price \$3.95

YOUR COST \$2.00

W-19128—Dynamic speaker, complete with matching transformer. Shpg. wt. 5 lbs. List Price \$7.60

YOUR COST \$3.80



AUBURN Portable AC and AC-DC SYSTEMS

Two systems are available, one for 110 volts, 50-60 cycles a.c. and one 110 volts a.c.-d.c. The former uses the Auburn W15866 amplifier described above. The latter incorporates a special Auburn a.c.-d.c. amplifier using 1-6C6, 1-43 and 1-25Z5. Microphone battery is built-in. Tone and volume controls are provided, as well as two input circuits, 200 ohms per button for double-button carbon microphone, and high impedance for phonograph pick-up if desired. When the high impedance input is used, the microphone input is automatically open-circuited. Microphones (or phonograph, if used) can be placed at any desired distance from the amplifier. Hand type carbon microphones may be substituted.

W-15865—Auburn portable system for 110 volts, 50-60 cycles, a.c., less tubes and microphone. Shpg. wt. 27 lbs. Code ULBAS. List Price \$39.50

YOUR COST \$19.75

Kit of tubes for above \$1.55

Model 610-M—Mike combination consisting of W13645 double-button carbon mike, mounted on W13540 desk stand and equipped with 25 ft. of W20845 mike cable. Shpg. wt. 15 lbs. Code MURAT. List Price \$12.00

YOUR COST \$6.08

Model W-15866—Auburn portable system for 110 volts a.c.-d.c., less tubes and microphone. Shpg. wt. 25 lbs. Code UTARE. List Price \$39.00

YOUR COST \$19.50

Kit of tubes for above: 1-6C6, 1-43, 1-25Z5 \$1.65

Model W-15864—Auburn 3 1/2-watt a.c.-d.c. amplifier. For 110 volts. Less tubes, 14" long, 7" high 6 1/2" deep. Shpg. wt. 12 lbs. Code ATRON. List Price \$20.00

YOUR COST \$10.00

Kit of tubes for above: 1-6C6, 1-43, 1-25Z5. List Price \$1.65

YOUR COST \$1.65

AUBURN now offers amazing values in low-power, low-cost portable systems for demonstrating work, ballyhoo, salesmen, pitchmen, barkers and all who have use for low power, clear-toned sound reinforcing equipment that can be carried anywhere and set up at a moment's notice. Speaker is built-in. Microphone current supply is built in. Plug into any 110 volt line, a.c. or d.c., plug in mike, and speak. Pull out two plugs, and the equipment is ready to be carried to the next location.

Oversize parts are used throughout for unailing operation under varying conditions of line voltage. Sturdy case and tough leatherette covering especially designed for rough and ready portable work.

All Purpose CARRYING CASES

**Portable Case for
PACKARD Record Changer**



Model K

Designed to house the Packard automatic record changer. Strong wood construction, with overall covering of black leatherette. Has sturdy leather-covered carrying handle. Cover hinge of the full length, piano type. Two clasps hold top and base firmly together. All hardware brass plated. Cover compartment has felt liner that clamps at an angle in the case to prevent damage to the records as they are "kicked-off" by the automatic record changer. Two sizes available (for standard Model K, and large Model L record changers).

W1776—Overall dimensions: 12 $\frac{3}{4}$ " wide, 12 $\frac{3}{4}$ " deep, 8" high. Inside dimensions: 12 $\frac{1}{8}$ " wide, 12 $\frac{1}{8}$ " deep, 7 $\frac{3}{8}$ " high. Shpg. wt. 11 lbs. (For Model K) List Price... **\$9.50**

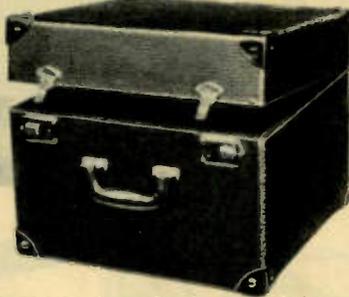
YOUR COST..... \$4.75

Model L Case

W1777—Large case. Overall dimensions: 14 $\frac{1}{4}$ " wide, 16 $\frac{1}{4}$ " deep, 8 $\frac{1}{2}$ " high. Inside dimensions: 14" wide, 15" deep, 7 $\frac{3}{4}$ " high. Shpg. wt. 15 lbs. List Price **\$9.90** **\$4.95**

YOUR COST

CAPEHART Carrying Case



Designed to house Capehart record changer; can be used with other equipment. Black leatherette covered with brass plated hardware. Front clasps have locks, two keys furnished. Piano type cover hinge. Overall size 15 $\frac{1}{4}$ x15 $\frac{1}{4}$ x12 $\frac{1}{2}$ ". Shpg. wt. 14 lbs.

W1757—List Price.... **\$21.90** **\$10.95**

YOUR COST

Portable Phono Case

Black leatherette covered. Has nickel-plated hardware. Front clasps have locks. Two keys furnished. Overall size 17" wide, 13" deep, 8" high. Phono motor phono, leatherette covered, has cut-out for Green Flyer motor. Piano hinge on cover. Shpg. wt. 11 lbs.

W2055—List Price..... **\$11.00** **\$5.50**

YOUR COST



**Lafayette De Luxe Port-
able "Speaker · Mike" Case**



A deluxe split case designed to house, in addition to two standard dynamic speakers, a complete microphone and floor stand assembly and necessary cable. The entire case is covered with black leatherette and provided with a sturdy leather carrying handle on top. Case opens into two equal halves, both provided with 9 $\frac{1}{2}$ " cone openings protected by Leatherette "roll-up" flaps, cover and protect the grilles. One half of the case is equipped with two sets of wooden holders for cable; the other half fitted with one set of cable holders, a felt-lined case for a microphone, a floor stand base holder and a holder for the extension stand. All hardware heavily plated. Case is provided with rubber "bumpers" and has leather corner protectors. Overall size 23" high, 20" wide, 11 $\frac{1}{2}$ " deep. Will house speakers up to 12 $\frac{1}{2}$ " diameter. Ideal for p.a. systems. Shpg. wt. 22 lbs.

W2054—(Case only)—List Price... **\$25.00**

YOUR COST..... \$12.50

CARRYING CASES FOR AMPLIFIERS & SPEAKERS

TUNER OR AMPLIFIER CASE

The case marked "A" is designed to house all types of equipment, such as mixers, tuner-amplifiers, remote control units, etc. The entire case is covered with black leatherette and provided with a strong carrying handle at the top. Includes a front panel covered with black leatherette and doors at front and back. All hardware is nickel-plated. Overall dimensions are 20" high, 20" wide and 13 $\frac{1}{4}$ " deep. Shpg. wt. 25 lbs.

W22050. List Price **\$20.50** **YOUR COST... \$10.25**

POWER AMPLIFIER CASE

The case marked "B" (closed) and "C" (open view) is designed for the carrying of power amplifiers; can be used for many other types of equipment. Sides strongly reinforced. Divided into base and top. Equipment fastens to base as shown at "C". Entirely covered in black leatherette, nickel-plated hardware, reinforced corners. Dimensions: Inside—10 $\frac{1}{4}$ " high x 17" wide x 8 $\frac{3}{4}$ " deep; outside—12 $\frac{1}{4}$ " high, 18" wide, 13 $\frac{3}{4}$ " deep. Shpg. wt. 23 lbs. **W22051**. List Price..... **\$14.00**

YOUR COST..... \$6.95

Case illustrated in column to the right is available in two types, "D" and "F". "E" shows "F" closed, and "D" closed with speaker half facing observer.

SPEAKER-AMPLIFIER CASE

Case "D" is designed to house an amplifier and one speaker. Sturdy construction, with metal corner protectors. Nickel-plated hardware, overall covering of black leatherette. Case opens into two equal sections. Speaker section constitutes baffle; has 9 $\frac{1}{2}$ " opening, with weatherproof "roll up" flap. Blocks provided for holding cable. Overall dimensions: 21" high, 20" wide, 13 $\frac{3}{4}$ " deep. Shpg. wt. 23 lbs. **W22052**. List Price **\$21.90**

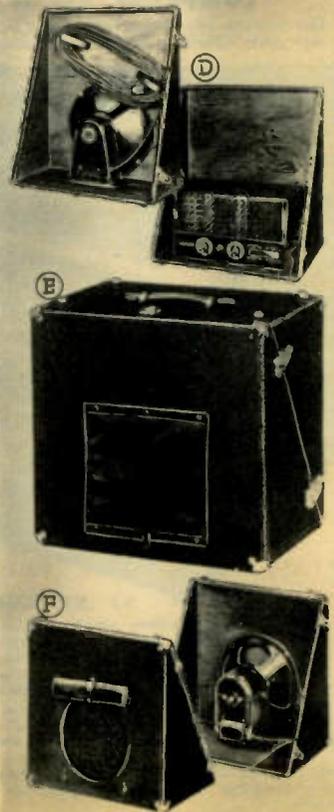
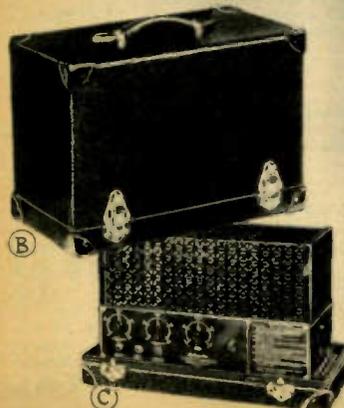
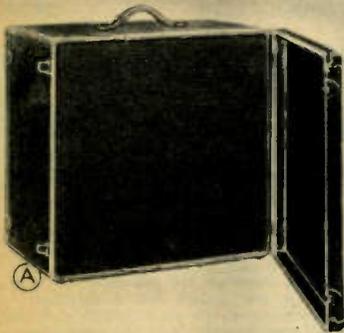
YOUR COST..... \$10.95

DUAL SPEAKER CASE

Case "F" is similar to case "D", but designed to carry two speakers only. Both sections have 9 $\frac{1}{2}$ " speaker openings protected and weatherproof "roll up" flaps. Will accommodate speakers up to 12 $\frac{1}{2}$ " diameter, and serve as baffles. Heavily plated hardware and metal corner pieces, black leatherette covering. Overall dimensions: 21" high, 20" wide, 13 $\frac{3}{4}$ " deep.

Shpg. wt. 23 lbs. **W22053**. List Price..... **\$21.90**

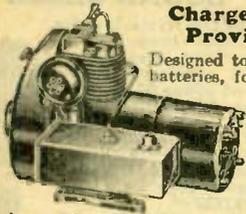
YOUR COST..... \$10.95



GAS-DRIVEN GENERATORS and converters

RURAL-POWER GAS GENERATORS

Charges 6 and 12-Volt Batteries Provides Power for Lighting



Designed to charge radio, automobile and tractor batteries, for lighting on farms, boats, at camp, etc., and for belt-driving tools and appliances. Engine is 4-cycle, single cylinder, "L" head, air-cooled type with suction carburetor. Rated at 1/2 h.p., at 2350 r.p.m. Fly ball governor. Low tension ignition. Generator is high-efficiency, shunt-wound, d.c. type. An ammeter indicates rate of charge. A push-button self-starter is incorporated in model D, as well as a hand rope starter. Model C uses hand starter. Both units have 1-quart fuel tanks, measure 16" long, 11" wide, 10" high, and are furnished complete with generator cut-outs, battery leads and clips and complete instructions. A built-in smoothing condenser prevents radio interference. Shpg. wt. 70 lbs.

W17230—Model D, charges 6 and 12-volt batteries 150-250 watts. With self-starter. Shpg. wt. 70 lbs. **\$35.75**
Your Cost Complete

W17239—Model C, for 6-volt batteries—150 watts. **\$29.95**
Your Cost Complete

W17232—For charging 32-volt batteries—250 watts **\$44.96**
W17233—For 32-volt lighting—250 watts

Edison-Base 6-Volt Light Bulbs

W12255—15-watt, draws 2.5 amps. **Your Cost**
W12256—25-watt, draws 4.2 amps. **Each 35¢**

RURAL-POWER WINDCHARGERS

Controlled Power From the Wind—FREE! For 6-Volt Radio, Car and Lighting Batteries

Do away with the inconvenience of run-down radio, car and tractor batteries. This new improved Rural-Power Windcharger charges up to 16 amps., with a new double-sealed, ball bearing generator which can be removed without disturbing any other part. The patented tilt control permits operation in 70-mile winds. Metal sheathing on propellers prevent damage in hail, sleet, snow and sand. Electrical outlets are shielded from ice, rain and sun for positive action.



Charges Up To 16 Amps.

Adjusts Itself For Any Wind Up To 70 M.P.H. Self-Tilting Fully Guarded Against Any Adverse Climate

With Instrument Panel

Each Windcharger is supplied with an instrument panel consisting of a cut-out and indicating ammeter, 6-foot tower for flat or gable roof mounting and tail vane. Enjoy year-round dependable service with this self-paying charger. Set up a 6-volt lighting system using this charger for the batteries—power is FREE when using this unit. Shpg. wt. 65 lbs.

W17224—Complete **\$19.75**
Your Cost



TUNGAR 5 AMP. CHARGER FOR 110 V. A.C.

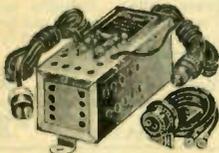


For charging any 6-volt battery at home. Delivers full 5 amperes and tapers off as battery becomes charged, thus preventing damage to cells due to over-charging. Has receptacle for attaching to car, and ammeter so that battery can be charged without removing from car. With tube and accessories. For 110 v., 60-cycle a.c. Wt. 12 lbs.

W15699—**\$9.48**
Your Cost Complete.

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. Complete with cables, plugs and full instructions. For 110-volt, 50/60-cycle a.c.

W15698—Complete **\$6.75**
Your Cost

"CHARGIT" CHARGER



Use It In Car or Home

Designed for car or home; with dashboard mount. Charges at 4 amps. External fuse. In steel case. With two 7/16-foot rubber-covered cables. For 110 volt, 50/60-cycles a.c. Shpg. wt. 5 lbs.

W15196—**\$3.95**
Your Cost Complete.

Converters and gas-driven generators are available for all applications at low wholesale prices. Let us know your needs.

300-Watt Gas Driven A.C. Generator

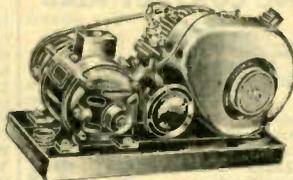
Furnishes "city" electricity! 110 volts, 60-cycle a.c., as well as 6 volts d.c., for charging all 6-volt storage batteries. Engine is of the famous Blue Diamond 4-cycle type with foot-pedal starter; operates 12 hours on a gallon of gas. Has muffler for silent operation. Generator is self-excited; annular gear-sealed bearings need no attention. Weighs only 72 pounds, measures 20x11x11". Ideal for hams, mobile P.A., boats, farms, etc.

W19899—300-watt type, belt driven. Wt. 72 lbs. **\$59.95**
Your Cost Complete

W19894—600-watt type, hand crank. **\$124.75**
Your Cost Complete F.O.B. Chicago

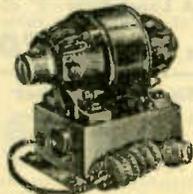
W19895—1000-watt type, hand crank. **\$180.00**
Your Cost Complete F.O.B. Chicago

These units are available from 500 to 5000 watts. Free details.



JANETTE Rotary Converters

For operating 110 volt, 60 cycle a.c. electrical appliances, radios, P.A. systems, etc., from d.c. supplies. Models available for any voltage from 6 to 220 volts as listed below. All are equipped with all-wave interference filters to prevent noise reaching the radio. If filter is not required, write for prices on model desired. Sizes listed are suitable for practically any requirement from small midget radios up to large public address systems, transmitters, etc.



Stock No.	Output Watts	Input Amps.	Your Cost	Stock No.	Output Watts	Input Amps.	Your Cost
32 v. d.c. to 110 v. 60 cycle a.c.				110-115 v. d.c. to 110 v. 60 cycle a.c.			
W19806	80	5.4	\$26.41	W19807	80	1.3	\$26.41
W19800	110	6.5	28.47	W19803	110	1.9	28.47
W19801	150	8.5	31.56	W19804	150	2.4	31.56
W19802	300	15	44.25	W19805	300	4.0	44.25
W19813	400	18	58.31	W19815	600	6.4	58.31
W19814	650	27	86.78	12 v. d.c. to 110 v. 60 cycle a.c.			
220 v. d.c. to 110 v. 60 cycle a.c.				W19817	30	6.5	27.44
W19816	150	1.2	32.93	W19839	80	15	32.25
6 v. d.c. to 110 v. 60 cycle a.c.				W19870	120	18	37.39
W19808	30	13	27.79	W19876	160	22	52.84
W19818	60	24	44.25				

Lafayette Rotary Converters with Radio Filter

A new line of low priced d.c. to a.c. converters incorporating many improved features. These include: ball bearing motor, no oiling necessary; good regulation of output voltage; extremely quiet operation. All furnished complete with efficient radio noise filter. Sizes other than those listed can be supplied for any application, radio or industrial. Our engineering department will gladly assist you, free.



32 Volts D.C. to 110 Volts A.C.				110 Volts D.C. to 110 Volts A.C.			
Stock No.	Output Watts	Input Amps.	Your Cost	Stock No.	Output Watts	Input Amps.	Your Cost
W17228	110	5.6	\$23.50	W17229	110	1.69	\$23.50
W17208	150	7.8	26.20	W17210	150	2.23	26.20
W17209	300	15.0	36.75	W17211	300	4.0	36.75

WINDCHARGER WIRE

Specialty designed for wind-chargers and farm power plants. Triple cotton-covered copper conductor, thoroughly impregnated.

W20871—No. 12 gauge **2¢**
Your Cost per Foot

W20872—No. 10 gauge **2 1/2¢**
Your Cost per Foot

W20873—No. 8 gauge **4¢**
Your Cost per Foot

VESTA 2 & 6-VOLT STORAGE BATTERIES

Well-made, long-lived. All feature thick plates less leakage, 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	\$4.45
W21098	16	84	42	5.45
W21097	17	96	50	6.70

2-VOLT BATTERIES

No external resistor necessary. Delivers 300 hours of operation at a 1/2-ampere drain. Shpg. wt. 30 lbs.

W21096—**\$3.53**
Your Cost

HYDROMETER



Live red rubber bulb and nozzle; beaded float. Shpg. wt. 3 lbs.

W15694—**24¢**
Your Cost Each

BATTERY CLIPS



W16060	1 1/2" long.	3¢
W16061	2" long.	3¢
W16062	2 1/2" long.	5¢
W16063	3" long.	8¢
W16064	3 1/2" long.	8¢
W16065	4" long.	8¢

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 1/2" diameter, 1/2" thick. All chrome plated finish. Stand fitting threaded for 1/2" male pipe. Fur-

nished with adapters for 1/4" and 3/8" pipe thread. Complete with 8 ft. of special cable. Shpg. wt. 2 lbs.
W13620—Your Cost \$14.70
Model D-2H—Similar to above, but hand type. Shpg. wt. 2 lbs.
W13621—Your Cost \$16.17
Model D-2HS—Hand type with convenient "push-to-talk" switch.
W13622—Your Cost \$16.46

Model D-104—Single diaphragm type. Output level -56 db. High impedance. With 8-ft. cable. 3" diam. 1" thick; chrome finish. 5/8"-27 threaded fitting.
W13363—Your Cost \$13.23
Model D-104H—Same as above, but hand type.
W13575—Your Cost \$14.70
Model D-104HS—Same as D-104, but with "push-to-talk" switch.
W13578—Your Cost \$15.00
Model L-1—Lapel mike.
W13429—Your Cost \$17.64

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 30 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—Your Cost \$22.05

CARDIAPHONE MIKE



A precision instrument for determining heart and lung conditions. Tremendous improvement over old-fashioned stethoscope. The case is 3" in dia. and 1" thick. Chrome finish. High impedance, no input transformer required. Output level -65 db. With 8 ft. cable, and "push to listen" switch. Shpg. wt. 2 lbs.
W13417—Your Cost \$14.70

CRYSTAL MIKE CABLE

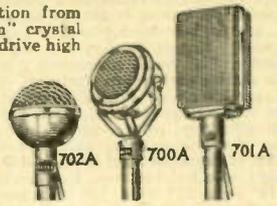


Flexible—Single Conductor
Flexible stranded tinned copper single conductor; tinned copper braid shield; cotton wrap and lacquered braid, rubber overall. Wt. 10 lbs. per 100 ft.
W20842—Per Foot \$3.00
W16333—50-Foot Roll \$1.50
W16334—100-Foot Roll \$2.70

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 crystal high capacity Graphol 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 cable.



W13640—Model 700A—Swivel head for any tilt. 2 3/4" 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 3/4" 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.
Your Cost, 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".
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.
W13644—Your Cost \$5.88

60C CONTACT MIKE



For sound pick-up from vibrating bodies. Reproduces music from violins, guitars, etc. 1 1/4 x 1 1/4" high. Chrome plated. Used in detection work. 7-ft. cable.

W13388—Your Cost \$13.23

Diaphragm Type 70-H

Improved type crystal head with close fitting ring and 4 "quickway" hooks. Response from 30 to 10,000 c.p.s. Output level minus 60 db. With 7 ft. of cable. Shpg. wt. 5 lbs.



W13473—Your Cost \$13.23
W13484—As above, but with 25 ft. of rubber cable. \$14.29
W13426—Same as 70H, but for p.p. input. Double unit, high-impedance. 2-conductor cable.
Your Cost \$13.23
W13432—As above, but with 25 ft. of rubber cable. \$14.28

Model 73A Lapel Mike—2" diameter 5/8" thick. With 25-ft. cable.

W13458—Your Cost \$14.70

"STETHOPHONE" MIKE



For pick-up of heart and chest sounds. 3 1/2" long. 7-ft. cable and chest strap. Chrome-black finish.
W13606—Your Cost \$20.58
Complete.

Communications Type Microphone



For hams and police. For voice only. With integral stand and 7 ft. 2-conductor cable. Finished in chrome and black.
W13605—Your Cost \$14.70

Mike Shock Absorber

Eliminate floor vibration noises from the input with this shock absorber. Standard 5/8"-27 threads, male at one end female at other. 3/4" opening for cable. Para gum rubber cushion. Chromium finish.
W13607—Your Cost \$5.95



CRYSTAL & RIBBON MIKE STANDS



W13526—(Left). Ball and socket joint. 9" high, weighted base 6 3/4" diameter, stem 5/8" diameter. Thread 5/8"-27 to 1/2" pipe. Brilliant chrome plate. Shpg. wt. 5 lbs.
Your Cost \$2.94
Stand Only.
W13528—(Right). Extends from 37" to 67". 10" diameter base. Standard 1/2" pipe male swivel on 5/8"-27 male thread. Chrome finish. Shpg. wt. 14 lbs.
Your Cost \$5.75
Similar to stand on right, but with 7 1/2" diameter base. Adjustable from 42" to 74". Standard 1/2" pipe male swivel on 5/8"-27 male thread. Highly polished chromium finish. Shpg. wt. 10 lbs.
W13576—Your Cost \$4.45
As shown at right, but with very heavy 10" diameter base. Adjustable from 46" to 77" in height. Heavy chromium plating. Shpg. wt. 20 lbs.
W13577—Your Cost \$7.95



TELESCOPE STAND. Designed for use where extreme portability is desired. Height can be varied from 32" to 66". Base diameter 7 1/2". Standard 1/2" pipe male swivel on 5/8"-27 thread inlaid in heavy chrome plate. Shpg. wt. 10 lbs.
W13588—Your Cost \$4.95

BRUSH B2S SOUND CELLS

Uses two crystal 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 1/2 x 1 1/2". 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 \$27.93



GLOBE TYPE—BR2S



Wide range response. Affords 360° non-directional pick-up. 2 1/2" diameter, finished in dull chrome plate. Output level minus 66 db. With locking type plug and socket connector. Shpg. wt. 2 lbs.
W13632—Your Cost \$27.93

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



Three-Wire Shielded Locking Connectors



For Crystal and Velocity Microphone Cables
 Connector is locked by threaded brass collar. Bakelite insulation. Use in rain, slush and can be stepped on. 1 3/8" diameter, 2 3/8" long. Chrome finished.
W13524—Your Cost Per Set \$1.18
As above, but eight prongs. \$1.47
W13498—Your Cost Per Set \$1.47

Microphone Stand Reducers & Swivels



Made of solid brass, chrome plated

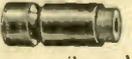
Stock No.	Top Male	Bot. Fem.
W13347	1/2" pipe	5/8"-27
W13348	1/2" pipe	3/4"-27
W13349	1/2" pipe	1/2"-27
W13350	5/8"-27	1/2"-27
W13351	5/8"-27	1/2"-27

Stock No.	Top Male	Bot. Fem.
W13343	1/2" pipe	5/8"-27
W13344	1/2" pipe	1/2"-27
W13345	5/8"-27	1/2"-27
W13346	5/8"-27	1/2"-27

Your Cost Each Any Type Above \$4.50

Side Cable Outlet

Outlet for cable when not run thru stand tubing. 5/8"-27 threads. Place between mike and stand. Wedge eliminates strain. Chrome finish. Shpg. wt. 8 oz.
W13357—Your Cost \$4.40



AMPERITE Velocity MICROPHONES

Models RAL and RAH



New, specially designed mikes, built to Amperite standards, which can be used for speech and music. No peaks. Flat response over audible range. Output—68 db (open line). Tripleshielded. With swivel bracket and shock absorber. Gun-metal finish. Shpg. wt. 7 lbs.

W13618—RAL. 200 ohms. 8-ft. cable.

W13619—RAH 2000 ohms. 12 ft. cable.

Your Cost Each \$12.94

Lapel Velocity Mike

Only 1 1/4 x 1 1/4". Range 60-7500 c.p.s. Output—68 db. Shpg. wt. 3 lbs.

W13568—200 ohms. 15 ft. cable.

W13569—High imp. 25-ft. cable.

Your Cost, Either Type \$17.64



LGP Input

Cable type transformer. Matches 50 or 200 ohms to high imp. input. Used with cable up to 2000 ft.

W13608—Standard. Each \$2.94

W13609—Laboratory. Each \$5.88



AMPERITE STANDS

Scientifically designed and styled. Features: positive clutch (non-sliding ball bearing); quick-grip thread (requires only 1 1/2 turns to fasten mike); safety cord (stretches and prevents mishaps); all gunmetal finish.

W13442—Model DS desk stand. 7 1/2" weighted base; 3" high. 3/8-27 and 1/2-24" thread. Shpg. wt. 11 lbs.

Your Cost... \$2.94

W13437—Model DS-M. Combined desk and banquet. Height 16 to 24". Shpg. wt. 11 lbs.

Your Cost \$5.88

W13441—Model FS-13M Floor stand. 42 to 60". 3/8-27 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

New! Streamline Velocity Mikes



The latest, most modern, most advanced velocity microphones by the leading manufacturer in the field. The new Amperite velocity mikes are compact, and embody the latest technical developments. Provide studio type reproduction—are unexcelled for quality, fidelity and ruggedness. Features include: cast gunmetal finished cases, acoustically designed to eliminate cavity resonance 8 db higher output than other or older types; triple shielded to prevent hum or feed-back; optional removable cable plug; new nickel aluminum magnets; hand hammered ribbon will withstand even a 40-mile gale; unaffected by temperature, pressure or humidity changes. All guaranteed for 3 years against defects in manufacture.



REMOVABLE CABLE PLUG ASSEMBLY

Streamline Velocity mikes, models RBHn, RBMn, RB-Bn, RB-BHn, and DIn, can be supplied with a special cable plug assembly (locking type—see illus. at left) at additional \$1.15.

Switches illustrated at right can be added to models RSHn, RSBn, RAH-RAL, and SR 80 at additional 50c.

Model RBHn—High Impedance

Excellent for speech or music. Impedance 2000 ohms. Permissible cable length 125 ft. Output—65 db. Frequency range 40 to 11,000 c.p.s. Complete with shock absorber, "on-off" switch and 25-ft. cable. Shpg. wt. 8 lbs.

W13565—List \$42.00.

Your Cost \$24.70

Model RBMn—Low Impedance

Impedance 200 ohms. Other impedances at no extra cost. Permissible cable length 2000 ft. If used with high impedance input, use cable type transformer model LGP (W13608). With 25 ft. of cable and "on-off" switch. Shpg. wt. 8 lbs.

W13614—

Your Cost \$24.70

Model RB-Bn—Beam Type

Low impedance—beam type (directional) for unusual feed-back conditions. Output 3 db lower than RBMn. Can be used with high impedance input by using LGP transformer. Cable up to 2000 ft. With 25-ft. cable and "on-off" switch. Shpg. wt. 8 lbs.

W13616—

Your Cost \$24.70

Model RB-BHn—Beam Type

Similar to RB-Bn, but high impedance. Range 40-11,000 c.p.s. With 25-ft. of cable and "on-off" switch. Shpg. wt. 8 lbs.

W13612—

Your Cost \$24.70

Replacement Ribbons

In packages of two ribbons. Two types. **74c**

W13566—Standard. **Your Cost**

W13567—Supersensitive. **Your Cost \$1.03**

Model DIn—Dual Impedance

This dual purpose mike can be used with either high or low impedance inputs. With high impedance input, permissible cable length 125 ft.; with low impedance input, up to 2000 ft. Range 40 to 11,000 c.p.s. with 25 ft. cable and "on-off" switch. Shpg. wt. 8 lbs.

W13617—**Your Cost \$26.46**

Models RSHn and RBSn

New, excellent all-around microphones. For speech and music. Output level and frequency response slightly lower than RB-Hn. Type RSHn is high impedance; Type RBSn is 200 ohms impedance. Output level—68 db (open line). Shpg. wt. 8 lbs. With 12 ft. of cable.

W13598—RSHn **Your Cost \$18.82**

W13599—RBSn **Your Cost \$18.82**

Model SR-80

One of the finest velocity mikes. Responsive within ± 1 db over the entire audible range. Free from background noises. No freq. discrimination with angle from center.

Output—68 db (at 200 ohms). With 25-ft. cable. Bronze and steel case. Shpg. wt. 10 lbs.

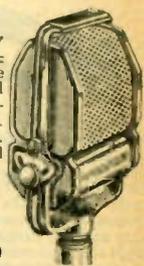
W13468—50 ohms imp.

W13475—200 ohms imp.

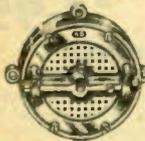
W13463—High impedance.

Your Cost \$58.80

Any Type



UNIVERSAL "X" Carbon Microphones



Low priced, excellent performing carbon microphones. Standard 200 ohms per button. Dural diaphragm, pure gold contacts.

Chrome plate finish. Range 100 to over 4000 c.p.s. Shpg. wt. 3 lbs.

W13412—Single Button.

Your Cost \$4.41

W13413—Double Button.

Your Cost \$5.88

Model "BB" Mike

Extra fine quality 2-button carbon mike for P.A. and amateur phone work. 200 ohms per button. Range 50-5000 c.p.s. Chrome plate finish. 3" diam., 2" thick. Shpg. wt. 3 lbs.

W13405—

Your Cost \$14.50

Model "W" Watch Mike

Protected single button. 200 ohms. Gold spot diaphragm. 1 1/4" diam. Shpg. wt. 1 lb.

W13443—

Your Cost \$1.76

NOTE: A complete listing of microphone accessories, including plugs, connectors, cables, jacks, springs, etc., is shown on page 117.



Lafayette MIKE STANDS

Type A: Low price, yet high quality. Has 5" octagon ring. Provided with 8 springs. Ring is removable. Height 9". Wrinkle black enamel finish. Shpg. wt. 10 lbs.

W13540—

Your Cost \$1.18

Type B: De Luxe banquet stand. Height 13". Has 6" removable. Comes complete with 8 mike springs. 1/2" diameter pipe extension. Finished in black

wrinkle enamel. Shpg. wt. 15 lbs.

W13542—

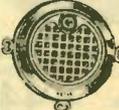
Your Cost \$1.76

Type C: Exceptional value in a studio type floor stand. Finished in satin silver. Extends from 42" to 72". Ring diameter 6 1/2", base diameter 7 1/2". With 8 springs. Thumb-screw locks extension at desired height. Shpg. wt. 17 lbs.

W13428—

Your Cost \$4.25

SHURE 3B Carbon Mike



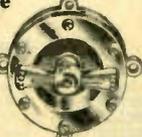
Excellent quality. Fine response. 2-Button, 200 ohms spring suspension; has "quick-way" hooks; 3" diameter. Rigid cast frames, built-in grilles. Ideal for small calling systems. Shpg. wt. 2 lbs.

W13645—**Your Cost \$3.23**

LAFAYETTE "25" Carbon Mike

2-Button mike. Range 45-7000 c.p.s. Chrome plated frame. Pure gold contacts. 3" diam. 2" thick. Shpg. wt. 4 lbs.

W13420—**Your Cost \$4.95**



Lafayette Carbon Mike Input Control

Contains 2-button mike transformer, battery, volume control and switch. Black metal case 6 3/4 x 5 3/4 x 3 3/4". Terminals for mike input and line output. With 3-ft. shielded lead. Shpg. wt. 6 lbs.

W13487—**Your Cost \$4.75**

Velocity Microphone MI-4010

For P.A., police or amateur use. Range 50 to 10,000 c.p.s. Average operating level—65.8 db (open line). Metal shielding throughout. For grid or transformer input; impedances 250 and 16,000 ohms. Furnished with 30 feet of shielded cable with 3-prong polarized plug. Shpg. wt. 4 lbs.

W13597—

Your Cost \$29.85

Desk stand for above. Banquet type, wood base 7" diameter. Heavy metal stem 1 1/4" diam. Overall height 10 1/4". Dark gray finish. Shpg. wt. 3 lbs.

W13590—**Your Cost \$1.25**

Eastern Transverse Velocity Microphone

For high quality P.A. and amateur use. Directional type. No frequency distortion; no feed-back. Operates directly into grid of tube.

Excellent wide range frequency response; 20-14000 c.p.s. With 12 ft. of shielded cable. Model PD-42, 200 ohms.

W13603—

Your Cost \$25.20



AUDAX WIDE RANGE PHONO PICK-UPS

Electro-Chromatic Pick-Up

Model HR38



A high quality wide-range unit for use with records up to 12". Frequency range covers full requirements of finest commercial records. Arm has ball-bearing compound movement. Light weight. Rubber black finish. Shpg. wt. 5 lbs.
W149—200 ohms
W151—500 ohms
W150—7500 ohms
Your Cost, Any Type **\$7.25**

Model HR34

A low priced model similar to the above. Excellent response. For records up to 12". Shpg. wt. 5 lbs.
W165—200 ohms
W168—500 ohms
W167—7500 ohms
Your Cost, Any Type **\$5.62**

Lafayette

Wide Range Pick-Up



Made especially for Lafayette by Audax, to specifications that guarantee an efficient unit. Plays records up to 12". Finely balanced; low needle pressure. Frequency response well beyond the requirements of commercial records; covers the entire audible range without appreciable discrimination. Arm finished in attractive instrument black lacquer. Overall length 11 1/2". Shipping weight, each, 4 lbs.
W141—200 ohms
W148—500 ohms
W152—7500 ohms
Your Cost, Any Type **\$6.75**

UPCO "Tone Master" Pick-Up



Reproduces the entire audio range. For records up to 12". Finished in black crystallized lacquer. Length 7 1/2" from needle to base center. Hi-imped. Shpg. wt. 3 lbs.
W142—Without Volume Control
Your Cost **\$3.95**
W144—With Volume Control
Your Cost **\$4.45**

RCA Pick-up Coils

Stock No.	Part No.	Resia 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. No. 6927.
W350—Your Cost **\$2.70**



NEW "MICRODYNE—Relayed Frequency" Wide Range Laboratory Pick-Up



Range: 30-12,000 C.P.S.

At last! Studio microphone fidelity at the reproducing end! In "MICRODYNE", Audax presents the most astounding wide-range development since the advent of the pick-up in 1926. Moving mass has been entirely eliminated—the armature is actually stationary. Regardless of heat, humidity or amplitude variations, the "MICRODYNE" consistently delivers facsimile performance. Frequency response covers the entire audible range from 30 to 12,000 c.p.s. with little discrimination. Pressure of only 1 1/2 ounces at the record. Flat type head. Assembly is attractively finished in instrument black with contrasting brass fittings. Shpg. wt. 5 lbs. **Model AT-21.**
W171—200 ohms impedance
W179—500 ohms impedance
W198—7500 ohms impedance
Your Cost Each, Any Type **\$17.50**

High-Range Magneto-Chromatic Pick-Ups

Model HR-64

High range pick-up for use with records up to 12". Frequency range well beyond requirements of finest commercial records. Arm has ball bearing compound movement; low center of gravity. Remarkably fine tracking on all frequencies; featherweight on the record. Attractively finished in instrument black. Shpg. wt. 3 lbs.
W105—200 ohms **W111—500 ohms**
W106—10,000 ohms **Your Cost, Any Type** **\$8.75**

Model HR62

A low priced model similar to the above. For records up to 12". Has an excellent frequency response. Shpg. wt. 3 lbs.
W112—200 ohms
W113—500 ohms
W114—10,000 ohms **Your Cost** **\$5.62**

Model PR66

Similar to the model HR62, but made for records up to 18" diameter. Ideal for studio and theatre work. Shpg. wt. 4 lbs.
W117—200 ohms
W121—500 ohms
W122—10,000 ohms **Your Cost Each** **\$11.80**

PIEZO CRYSTAL PICK-UPS

The piezo-electric crystal is the most efficient agent known for the changing of mechanical into electrical energy. 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 1/2 r.p.m. recordings; no counter-weight necessary. Overall finish in crystalline black. **High impedance.**
W161—8" arm **Shpg. wt. 3 lbs.** **Your Cost** **\$7.06**
W162—12" arm **Shpg. wt. 4 lbs.** **Your Cost** **\$8.82**

We carry a complete stock of professional and semi-professional recording equipment manufactured by Universal, Duall, etc. For complete descriptions and price information, write for a free copy of our catalog number 64—it will be mailed immediately.

RCA PHONO-EQUIPMENT

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

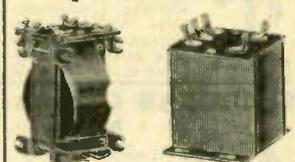
Stock Part Imped. **Your Cost Each**
No. No. Ohms
W180 9661 8.5
W181 9665 30.0
W182 9669 700
W184 9670 2800
W185 9479 8500 **\$3.30**

Pick-Up Arm

Universal type, fits all heads listed above. Balanced perfectly. Part No. 9678.
W187—Your Cost **\$3.60**

We can supply any RCA part not shown here at a discount of 40% from list. Other genuine RCA parts on pages: 65, 73, 119.

Phono-Matching Input Transformer



Part No. 6238—For models RE18 and 18A. Matches 20 ohm pick-up. Shpg. wt. 2 lbs. **W163—Your Cost** **\$1.44**
 Part No. 7083—For models T-5, RE-57, RE-16, RE-16A, R36, RA-E68 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**
 Part No. 5943—For model R-47. Matches 200 ohms pick-up to grid. Shpg. wt. 3 lbs. **W1641—Your Cost** **\$3.24**

Professional Type Pick-Up Model HF



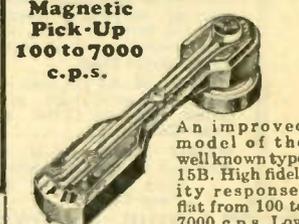
High fidelity type, used in broadcast studios, etc. Frequency response covers the entire audible range with little discrimination. Has a special heavy gauge non-resonant arm. Exceptionally little needle pressure. For use with transcriptions up to 18" diam. Shpg. wt. 6 lbs. **Your Cost**
W475—200 ohms **Each**
W476—500 ohms **\$26.80**
W477—7500 ohms

HF No. 2 Professional

A low priced model similar to the above, but with standard arm structure. For use with records up to 18" diam. Shpg. wt. 6 lbs.
W499—200 ohms
W500—500 ohms
W501—7500 ohms
Your Cost, Any Type **\$11.80**

WEBSTER High-Fidelity

Magnetic Pick-Up 100 to 7000 c.p.s.



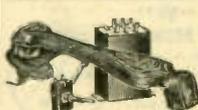
An improved model of the well known type 15B. High fidelity response; flat from 100 to 7000 c.p.s. Low needle scratch. Unit is so designed that no counter-balance is necessary when used on either 33 1/2 or 78 r.p.m. records. Finished in beautiful brown. Volume control built-in. **High impedance coil**; no matching transformer needed. Full or loud tone needles easy to insert in the flat inertia type head. Shpg. wt. 4 lbs.
W147—Your Cost **\$4.95**

WEBSTER Crystal Pick-Up

Similar in appearance to the above. This model uses a piezo-crystal element—the most efficient known for the conversion of mechanical vibrations to electrical energy. No matching transformer needed. Range 40 to 8000 c.p.s. For either 10" or 12" records. Impedance 180,000 ohms. **Has built-in volume control** operated by a knob from top of arm. Light metal frame finished in attractive brown. Can be used with both 78 and 33 1/2 r.p.m. records; no counter-balance necessary. Shpg. wt. 4 lbs.
W460—Model X-70A2 **Your Cost** **\$7.06**

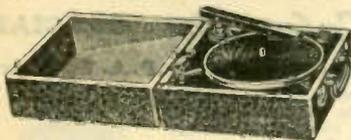
Phonograph Modernization Kits

No. 11080—Includes 8.5 ohm pick-up, pick-up arm, volume cone 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**



PHONO-MOTORS • Record Changers & ACCESSORIES

Packard Automatic Record Changers Model K



is turned off. Plays 12" records manually. Dual speed 33 1/2-78 r.p.m. 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. **\$27.81**
- As above but with universal motor for 110 volts a.c. or d.c. Shpg. wt. 32 lbs. List Price \$55.50. **\$32.34**
- W21050—Your Cost. **\$4.75**
- W17766—Portable carrying case. List Price \$9.50. **\$4.75**
- Model L Record Changer: Similar to model K but plays both 10" and 12" records automatically. Less case. List Price \$55.00. **\$32.45**
- W17754—110 volts 60 cycle a.c. Your Cost. **\$37.70**
- W17764—6 volts d.c. List Price \$63.00. **\$37.70**
- W21053—Universal 110 volts a.c. or d.c. List Price \$62.50. Your Cost. **\$37.39**
- W17767—Portable carrying case. List Price \$10.00. **\$4.95**
- Your Cost.

CAPEHART Dual Speed Automatic Record Changer—Model 19-12C-2



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 1/4". 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. **\$59.50**
List Price \$100.00. Your Cost

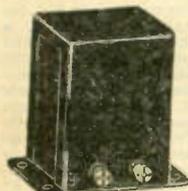
Portable carrying case for above. Shpg. wt. 14 lbs. **\$10.95**
W17752—List Price \$21.90. Your Cost

FCA Home Recording Double Faced Blanks

These records will afford fine recordings. Made of flexible composition, double faced. To be played back with RCA-Victor Home Recording Needles.

- W331—6" Blanks. Pkg. of 4. **68c**
- Your Cost
- W332—10" Blanks. Pkg. of 2. **68c**
- Your Cost
- W333—12" Blanks. Each. **62c**
- Your Cost
- Recording Needles for Above
- W123—Pkg. of 8. **25c**
- Your Cost

TRUTEST Scratch Filter



Eliminates needle scratch. Filters the noise frequencies. Has tip jacks on input, binding posts on output. Can be used with any phono-radio combination or phono. amplifier. Shpg. wt. 3 lbs.

W118—Your Cost **\$1.45**

Special Acetate Coated Aluminum Record Blanks



Have no gritty surface, no scratch is eliminated. Cut like celluloid

blanks, but give better results than celluloid or aluminum. These are not supplied in pre-grooved types.

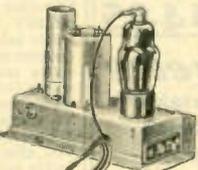
- W349—Size 8". Your Cost .40c
- W351—Size 10". Your Cost .60c
- W352—Size 12". Your Cost .75c
- W353—Size 16". Your Cost \$1.35

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. These blanks are used commercially in broadcasting stations, recording studios, etc.

Plain		Pre-grooved	
Stock No.	Your Cost	Stock No.	Your Cost
W200	14c	W204	18c
W201	21c	W205	29c
W202	37c	W206	44c
W203	49c	W207	57c
W199	89c		

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. **\$4.65**
Your Cost

Stroboscope



Calibrated for 33 1/2 and 78 r.p.m. and for 25-50 and 60 cycles. **15c**
W179—Your Cost

Diamond Cutting Needle



For recording on aluminum. Genuine diamond point. Lasts a life time. Used in broadcasting stations and professional recording studios throughout the country. Cut for high-fidelity.

W132—Your Cost **\$1.75**

Sapphire Reproducing and Cutting Needles



(A) For recording on celluloid and acetate record blanks. **\$3.95**
W196—Your Cost

(A) For recording on aluminum. **\$2.25**
W192—Your Cost

(A) For recording on pre-grooved composition and celluloid. **\$2.25**
W194—Your Cost

(B) For reproducing standard records. **\$1.75**
W195—Your Cost

Phonograph Needles For Recording and Play-back

- Steel Needles for Recording
- W344—For Celluloid. **75c**
- Your Cost
- W341—For Aluminum. **5c**
- Your Cost
- Steel Needles for playing back acetate records. Envelope of 12. **10c**
- W209—Your Cost
- Bamboo Needles for playing back aluminum records. Envelope of 12. **8c**
- W343—Your Cost

RCA Phono Needles Play-back only

- Steel. Half Tone, 75 to envelope. Others 100 to envelope.
- W159—Half Tone. **15c**
- W153—Full Tone. **15c**
- W160—Extra Loud Tone. **15c**
- Your Cost
- Per Pack
- Chromium. Semi-permanent needles. With colored shanks.
- W155—Orange (33 1/2 r.p.m.)
- W357—Green (78 r.p.m.)
- Your Cost, Either Type **18c**
- Package of Six
- Tungstone. Semi-permanent type. For use in automatic phonographs.
- W157—Extra Loud Tone. **18c**
- W158—Full Tone. **18c**
- Your Cost, Either Type

Record Player Model R-93-2



Hand-starting a.c. induction motor and hi-impedance magnetic pickup in walnut-finished cabinet 10 1/2 x 8 x 5". With volume control and phono-radio switch. Plays 10" and 12" records. Used with any a.c. radio set. Wt. 10 lbs. **\$9.90**
W104—Your Cost

Needle Cups

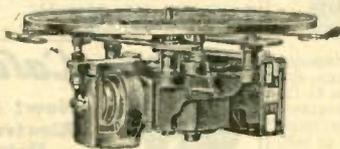


Good for replacing old tarnished cups. Bronze finish. Diameter, 1 1/4 inches.

- W130—Open Type **5c**
- Each
- W131—Closed Type. **8c**
- Each

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, 10" turntable.



- For 110 Volts 60 Cycles A.C.
- W100—Two speed (78 and 33 1/2 r.p.m.). Shpg. wt. 15 lbs. **\$9.41**
- Your Cost **\$7.35**
- W102—Single speed (78 r.p.m. only). **30c**
- Your Cost
- For 12" Turntable add
- 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. **\$11.47**
- W126—Your Cost **\$13.23**
- Similar to above for 78 and 33 1/2 r.p.m. recordings.
- W125—Your Cost

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 1/2 r.p.m. recordings. Shpg. wt. 15 lbs. **\$14.10**
W127—Your Cost

Special Heavy-Duty Dual Speed Motor

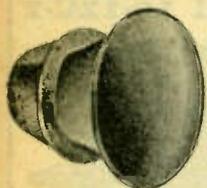
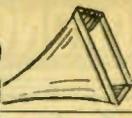
Similar to Model W100 above, but with larger field and rotor (1/2" longer). Wherever a more powerful motor is needed. Shpg. wt. 15 lbs. With 12" turntable. **\$10.44**
W120—For 105/120 volts, 50/60 cycles a.c. Your Cost

W135—Automatic Stop for Above Motors. **60c**
Your Cost

Mail your Orders to NEW YORK, CHICAGO or ATLANTA



Public Address Units and Trumpets



All Aluminum "Dome" Baffle

A new development in directive baffles. All-aluminum construction. Equipped with suspension ring. For 12" speakers. Overall

length 20". Diameter of bell 17", length of bell 7". Shpg. wt. 4 lbs.
W20040—Your Cost \$4.95
 Weatherproof snap-on cover. **55¢**
W20038—Your Cost
Adapter Rings. For reducing size of opening. State size when ordering. **44¢**
W20045—Your Cost Each

Dome baffle with built-in Rola G12 a.c. speaker. Field supply uses two 25Z5 tubes. Supplied complete with transformer for 250-500 ohm line. Shpg. wt. 34 lbs.

W20058—Complete with tubes. \$20.95
Your Cost

Mounting Fixture. For mounting dome baffle on sound trucks, etc. 1" threaded fitting. Can be adjusted to any angle by means of wing nut. Shpg. wt. 4 lbs. **\$5.29**
W20060—Your Cost

Floor Stand. Has heavily weighted 3-point base (22 lbs.) which offers ample support for the heaviest cone units. Height 5 feet. Finished in crystallized black lacquer. Complete with mounting fixture. Shpg. wt. 30 lbs. **\$11.76**
W20059—Your Cost

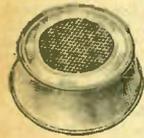
Mounting Fixture. For use with mounting fixture. 1 male pipe thread nipple. **45¢**
W20064—Your Cost

Wall Surface Speaker Housing

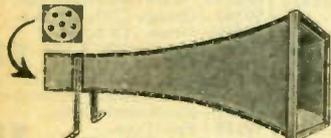
Of heavy gauge aluminum. Metal screen and grill cloth cover opening. Cone diam. 5 1/2", inside depth 4 1/2". Shpg. wt. 2 lbs. SH-5.

W20061—Your Cost \$2.94

Same, but with 7" opening, 5 1/2" inside depth. LH-7. **W20062—Your Cost \$3.53**

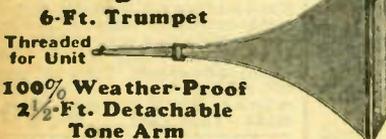


Lafayette Vari-Acoustic WEATHERPROOF TRUMPET



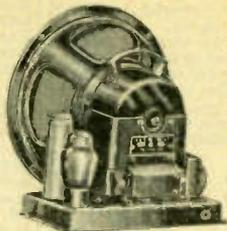
Permits adjustment of low-frequency response by control of back-pressure. Takes any dynamic speaker up to 12" diameter (Rola G-12, Jensen A-12, etc.). Built throughout of weatherproof material. Finished in bright aluminum. Speaker opening, 13x13x10 1/4"; opening at bell, 34x23"; length, 47". With front cover and mounting brackets. Shpg. wt. 20 lbs. **W20068—Your Cost \$15.95**

Lafayette 6-Ft. Trumpet



This remarkably low-priced exponential trumpet is guaranteed to be 100% weather-proof in all climates. It is shipped partly knocked-down and can be easily assembled. Has a 2 1/2-ft. detachable tone arm with threaded casting for the driver unit. Finished in brilliant aluminum color. Measures 6 ft. long; square bell, 30x30". Shpg. wt. 24 lbs. **W20068—Your Cost \$14.70**

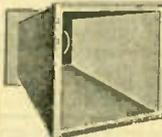
ROLA G-12 High Fidelity Speakers A.C. and D.C.



Two speakers designed to meet the demand for high-fidelity reproduction. Both use a full 12" cone. Flat response from 50 to 8000 c.p.s., with less than 10 db variation. Voice coil 8 ohms. Input transformer, both models, to match 250 and 500 ohm lines. Other inputs at slight additional cost. 12 1/2" wide, 12 1/2" high, 7 3/8" deep.

Rola G-12 D.C. Models
 675 ohm field for 110 volts, 1000 ohm for 140 volts, 2500 ohm for 225 volts, 2 ohms for 6 volts. Shpg. wt. 26 lbs.
W19240—675 ohms. W19241—2500 ohms. W19243—1000 ohms. W19244—2 ohms. W19245—1250 ohms. \$9.95
Your Cost, Any Type

Rola G-12 A.C. Model
 Same as above, but with special Lafayette exciter using an 83 tube. For 110 volts, 50-60 cycles a.c. Shpg. wt. 30 lbs. **\$14.95**
W19301—Your Cost



Lafayette "Demountable" Directional Baffles

Demountable directional speaker baffles that can be assembled in a few minutes. Weatherproof material, aluminum finish. Bell opening 22x23", length 25". Unassembled 27x25x3". Shpg. wt. 15 lbs.

W20052—7" speaker opening. \$5.40

W20053—10" speaker opening. \$5.40
Your Cost, Either Type
 Similar to above, flared all sides. Bell 24x36", length 37", speaker opening 10". Shpg. wt. 20 lbs. **\$7.25**
W20039—Your Cost

"Demountable" Flared Baffles

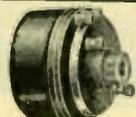
Fastened together with offset spade bolts. Dimensions assembled: 14" deep, 30x18" bell. Unassembled 30x16x2 1/2". Weatherproof material, aluminum finish. Shpg. wt. 10 lbs.

W19837—7" speaker opening. \$3.95

W19838—10" speaker opening. \$3.95
Your Cost, Either Type

"Demountable" Speaker Housing

For use with either flared or directional baffles. Inside dim. 15 1/4 x 15 1/4 x 11". **\$2.85**
W20051—Your Cost Each



Lafayette New! Improved! Electro-Dynamic Driver Unit

Diaphragm is spun from sheets of the finest grade of duralumin. Sound output is exceptionally high in relation to the electrical input—the result of careful placement of the voice coil in the magnetic field and a powerful field flux. Voice coil impedance is 15 ohms at 1000 cycles. 20 watts continuous operating capacity, 25 watts peak. 6 to 8-volt field draws 1.5 amperes at 6 volts. Will withstand hard usage and all weather conditions. Male thread (1 1/8"—18) fits all trumpets. Shpg. wt. 13 lbs. **\$14.70**
W19398—Your Cost

RACON Super Giant Driver Unit

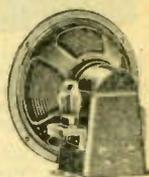
Ideal for theatre and auditorium where high quality is required. Voice coil 15 ohms at 1000 c.p.s. Field consumption 1.2 amps. at 6 volts. Handles 25 watts, 50 watt peaks. **Less coupling transformer. Shpg. wt. 20 lbs. \$38.80**
W19754—Your Cost



Lafayette SPECIAL

12" A.C. and D.C. P.A. Speakers

Wide-range response. 12" cone. Voice coil impedance 2.7 ohms at 400 cycles. Handles 8 watts continuously. Employs a specially designed field exciter unit using a 25Z5 tube. Furnished with input transformer tapped for 250 or 500-ohm lines. 12 1/2" high, 12" diameter, 7" deep. For 110-120 volts, 50/60 cycles a.c. Shpg. wt. 10 lbs. **W19249—Less tube. \$7.45**
Your Cost

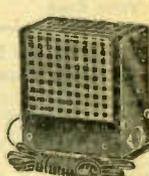


D.C. Models

Similar to above, but less exciter. Field requires 5 to 8 watts. Shpg. wt. 9 lbs. **W19233—2500-ohm. W19358—6-volt. W19234—5000-ohm. \$5.45**
Your Cost, Any D.C. Model

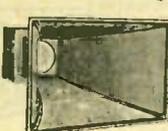
Special Exciter 30 Watts [Max.]

On black lacquered steel chassis with removable screen cover. Uses either an 80 or an 83V rectifier. Has following specs.: 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, 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. For 110 volts, 60 cycles a.c. Shpg. wt. 8 lbs. 7x3 1/2 x 6 1/2". **\$6.95**
W19235—Your Cost



WRIGHT de COSTER

Model 2050 Speaker and Trumpet

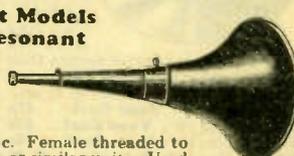


For the average P.A. installation where cost is the prime factor but quality is still essential. Ideal for the reproduction of voice and music at outdoor gatherings, small auditoriums, etc. Trumpet is sturdily constructed of wood and Insulite, and finished in attractive silver. Exterior is weatherproofed. Has screen across bell opening. Built-in 6" dynamic speaker. Voice coil impedance 5.2 ohms. Handles 4 to 5 watts continuously. Field wattage 9 to 10, normal. Overall length 27 1/2", bell opening 22 1/2 x 14". Shpg. wt. 15 lbs. **Supplied less voice coil transformer. \$19.188**—With 1000 ohm field. **W19187**—With 2500 ohm field. **W19189**—With 6 volt field. **Your Cost, Any Type \$10.04**

RACON TRUMPETS

3 1/2 Foot Models Non-Resonant

Constructed of the finest hardened impregnated fabric. Female threaded to take Racon or similar units. Used in theatres, auditoriums, etc. Absolutely non-resonant. Have 22" bell openings.



Standard Indoor Model

Has rolled metal beaded edge, metal ferrule and suspension ring. Female thread for 1/8-18 threaded unit. 3 1/2 ft. long, 22" bell. For indoor use only. Shpg. wt. 10 lbs. **W19790—Your Cost \$12.94**

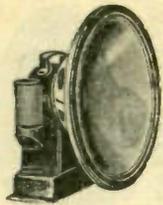
DeLuxe In-and-Out Door Model

Has re-inforced cast aluminum arm, increasing efficiency and mechanical strength. Other specs. same as above. For indoor or temporary outdoor use. Shpg. wt. 17 lbs. **W19789—Your Cost \$16.15**



Jensen Speakers

NEW! JENSEN 18" SPEAKERS



A new line of "super" electro-dynamics that is without doubt the finest and most advanced on the market today. Designed for use where the absolute in performance and power handling capacity is essential. Amplitude distortion reduced to a new low minimum; middle frequency response greatly improved; power handling and efficiency factors increased beyond any point heretofore obtainable. The high frequency models (type HF) have a range extending to 9000 c.p.s. and are for use in p.a. systems, theatres, etc.; the standard fidelity models (type M) have a range to 5600 c.p.s. and are generally used where good overall performance is required. Power handling capacity, all models, from 25 to 40 watts; voice coil impedance 8 ohms at 400 c.p.s.; field coil wattage 20 minimum, 33 maximum and 26 normal. Overall dimensions: 18 1/2" high, 10 1/2" deep. All with 500 ohm input transformer. A.C. models for 60 cycles, complete with tube.

Stock No.	Model and Type	Field Coil	Shpg. Wt.	Your Cost
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

NEW! JENSEN "Q" High Frequency Dynamics

The finest electro-dynamic "tweeter" made! Direct radiator type with curvilinear cone, for use with high fidelity systems in theatres, broadcast studios and quality P.A. installations. 1200 to 8000 c.p.s. Voice coil 16 ohms at 3000 c.p.s. Handles 5 watts peak, 10,000 ohm field. Max. field watts 8, minimum 5, normal 6. Must be operated from filter. Shpg. wt. 7 lbs.

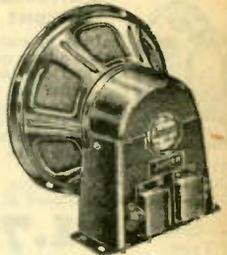


Model	Price
Model Q5-A	\$13.72
W19355—Your Cost	
Model F9 Filter For Above Speaker	
Single channel; 500-ohm input impedance. By-passes low frequencies to one or two i.f. speakers, and high frequencies to one or two h.f. speakers. In black crystalline finished housing.	\$8.23
W19356—Shpg. wt. 3 lbs. Your Cost	

JENSEN 12" "HI-FI" P. A. SPEAKERS

A12 and B12-X

These speakers are the finest and most popular on the market for all p.a. work and for the finer receivers 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 auditorium and 18" models. Cone diam. 12 1/2", 12" wide. Model B12-X 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 110 volts d.c.; special transformers supplied on order.



Stock No.	Model A12 P.A. Speakers (Shpg. wt. 21 lbs.)	Field Coil	Input Trans.	Your Cost
W19304	860 ohms	4400 ohms c.t.		\$12.64
W19033	860 ohms	500 ohms		
W19034	2500 ohms	4400 ohms c.t.		\$9.70
W19035	2500 ohms	500 ohms		
W19036	2500 ohms	4400 ohms c.t.		\$35.33
W19037	2500 ohms	500 ohms		
W19038	1250 ohms	4400 ohms c.t.		
W19039	1250 ohms	500 ohms		

JENSEN AUDITORIUM SPEAKERS

More than 400% more efficient than the conventional type. 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 1/2". Furnished with 500 ohm line transformer.

Model	Price
M-20 D.C. 110 volt d.c. field. Shpg. wt. 46 lbs.	\$35.33
W19248—Your Cost	
M-10 A.C. 110 v., 60 cycles a.c. With tube.	\$52.48
W19246—Shpg. wt. 56 lbs. Your Cost	

JENSEN Model R Electro-Dynamics



A line of compact dynamics for radio receivers and similar applications. Ruggedly constructed. 5" models with 12" connector cord; 6" and 8" models have 18" connector cords. Voice coils 5 ohms at 400 c.p.s. 6 ohms speakers for auto sets, dust-proofed. With output transformer and bucking coils.

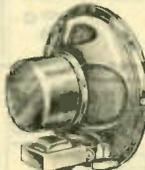
Stock No.	Field Res. Ohms	Input Trans. For Tube	Your Cost Each, Any Type
W19054	3000	(1) 43, 45	\$2.25
W19055	3000	(1) 42, 47	
W19056	3000	(1) 41	
W19057	6 (Auto)	(1) 42, 47	
W19058	6 (Auto)	(1) 41	

Stock No.	Field Res. Ohms	Input Trans. For Tube	Your Cost Each, Any Type
W19059	2500	(1) 43, 45	\$3.09
W19061	2500	(1) 42, 47	
W19063	1000	(1) 43, 45	
W19065	1000	(1) 42, 47	
W19067	6 (Auto)	(1) 41	

Stock No.	Field Res. Ohms	Input Trans. For Tube	Your Cost Each, Any Type
W19069	2500	(1) 43, 45	\$3.82
W19071	2500	(1) 42, 47	
W19073	1000	(1) 43, 45	
W19075	1000	(1) 42, 47	

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 26Z5 rectifier tube is furnished. On metal chassis; metal cover for d.e. terminals. For 110 volts, 60 cycle a.c. W19097—Wt. 10 lbs. \$4.41 Your Cost

NEW! JENSEN PM SPEAKERS



These new Jensen PM speakers eliminate the field coil used in conventional electro-dynamic speakers. The substitute is a heavy, permanently magnetized, newly discovered metal alloy. In performance they equal electro-dynamics of similar size. Their sensitivity and efficiency is startling. Have positive protection against dust and dirt.



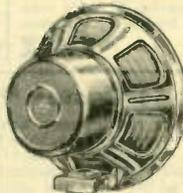
Stock No.	Field Res. Ohms	Input Trans.	Your Cost
W19079	4400 ohms		\$4.70
W19080	10,000 ohms c.t.		
W19081	Less transf.		\$4.08

Stock No.	Field Res. Ohms	Input Trans.	Your Cost
W19082	4400 ohms		\$5.00
W19083	10,000 ohms c.t.		
W19084	Less transf.		\$4.41

Stock No.	Field Res. Ohms	Input Trans.	Your Cost
W19085	500 ohms		\$7.94
W19086	4400 ohms		
W19087	10,000 ohms c.t.		\$7.21
W19088	Less transf.		

Stock No.	Field Res. Ohms	Input Trans.	Your Cost
W19089	500 ohms		\$9.11
W19090	4400 ohms		
W19091	10,000 ohms c.t.		\$8.38
W19092	Less transf.		

JENSEN HIGH FIDELITY PM SPEAKERS



Model A12-PM: Replace the conventional electro dynamic models A12 A.C. Frequency range up to 7500 c.p.s. Voice coil impedance 8 ohms at 400 c.p.s. Completely dust-proofed. Will handle great power continuously. Minimum low frequency distortion. Ideal for P.A., centralized radio systems and high quality receivers. Shpg. wt. 21 lbs. Power handling capacity 12-18 watts.

Stock No.	Field Res. Ohms	Input Trans.	Your Cost
W19093	500 ohms		\$21.46
W19094	4400 ohms c.t.		
W19095	Less transf.		\$20.44

PERI-DYNAMIC REPRODUCERS

Model 3000: 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 12 1/2 x 16 1/2". Directs sound downward at an 18 degree angle. Excellent performance. Ideal for centralized radio systems. Less input transformer (6 ohm voice coil). Shpg. wt. 12 lbs. W19096—Your Cost \$12.20

Peri-Dynamic reproducers can be supplied with various speakers and cabinets for all purposes. Write for complete descriptive circular showing applications.



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 furnished with hum bucking coils. Voice coil impedance 8 ohms at 400 c.p.s. Black lacquer finish.



Stock No.	Field Res. Ohms	Input Trans.	Your Cost Each, Any Type
W19040	2500	4500 ohms c.t.	\$4.40
W19041	2500	7000 ohms	
W19042	1250	4500 ohms c.t.	
W19043	1250	7000 ohms	

Stock No.	Field Res. Ohms	Input Trans.	Your Cost Each, Any Type
W19044	2500	4500 ohms c.t.	\$4.70
W19045	2500	7000 ohms	
W19046	1250	4500 ohms c.t.	
W19047	1250	7000 ohms	

Stock No.	Field Res. Ohms	Input Trans.	Your Cost Each, Any Type
W19048	2500	4500 ohms c.t.	\$6.17
W19049	2500	7000 ohms	
W19050	2500	500 ohms	
W19051	1250	4500 ohms c.t.	
W19052	1250	7000 ohms	
W19053	1250	500 ohms	

To Speed Handling of YOUR Order -- Use Our Order Blank

Quality SPEAKERS for Every Requirement

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.

W19166—2500 ohms.
W19122—6-volt for auto sets.
W19109—1800 ohms tapped at 300 ohms
Your Cost, Any Type **\$1.79**

Field Supply 110 Volts, 60 Cycles A.C.



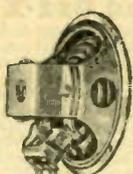
Will deliver 10 watts into a 2500 ohm field. Uses single 25Z5 tube. $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ metal chassis. With line switch. Shpg. wt. 4 lbs.
Less tube. **\$2.02**
W19162—Your Cost.

Rubber Covered 4-Wire Speaker Cable



Heavy rubber cover. Hemp wrapping over each conductor. Color coded. Shpg. wt. 6 lbs. per 50 ft.
W16154—100 ft. \$3.75
Your Cost, per ft. **5¢**

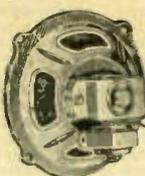
Special 6" Dynamic



This midget dynamic is exceptionally well constructed and shows a fine frequency response. Has a standard 1800 ohm field coil. Employs ridged pressed paper cone. Shpg. wt. 4 lbs.

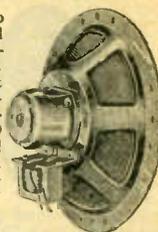
W19131—Less Output Transformer. **95¢**
Your Cost, Special.
W19124—With transformer for single 47 or 2A5. **\$1.35**
Your Cost.

Special 9 1/2" Dynamic



A fine quality speaker that will afford excellent tone quality and frequency response. Supplied with 1000, 1800 or 2500 ohm field coil. Universal output transformer furnished; will match all types of output tubes. Specify field resistance desired when ordering. Shpg. wt. 6 lbs.
W19120—**\$2.40**
Your Cost, Special.

8 1/2" Dynamic Speaker

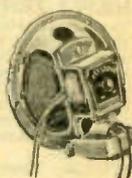


For use in radio consoles, and smaller medium-sized amplifiers. Has excellent frequency response. Field resistance 2,500 ohms. Furnished with universal output transformer for any power tubes. Shpg. wt. 10 lbs.
W19292—**\$2.75**
Your Cost.

11" Dynamic

Has same specs. as above, but 11" cone. Shpg. wt. 13 lbs. **\$3.40**
W19290—Your Cost.

Special 5" A.C.-D.C. Compact

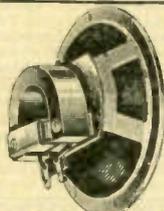


Especially designed for use in a.c.-d.c. midget receivers. Has standard 3000 ohm field and is furnished with an output transformer to match a single 43 tube. Cadmium plated metal frame. Overall size: $5 \times 4\frac{1}{2} \times 2\frac{1}{2}$. Shpg. wt. 5 lbs.
W19293—**\$1.25**
Your Cost, Each.

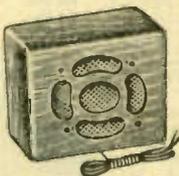
5" Auto Speaker

Same as above, except with 6-volt field and with transformer to match single 41. **\$1.35**
W19296—Your Cost.

Balanced Armature Magnetics



Employ powerful magnets and balanced armatures. Sensitive and will handle more power than others of similar size. Maintain adjustments indefinitely. Available in chassis form or in walnut finished cabinets having front and back grilles and 6-ft. flexible cord.



Speaker Chassis Only			Speakers in Cabinets		
Stock No.	Diam.	Your Cost	Stock No.	Diam.	Your Cost
W19121	3"	50.98	W19106	5"	\$2.18
W19120	5"	.85	W19107	6"	2.38
W19199	6"	1.25	W19108	9"	3.05
W19119	9"	1.65			

Special 5" Magnetic Speaker



For replacement in a.c.-d.c. or compact midget receivers. Very sensitive; balanced armature. Pleasant, natural tone. Ruggedly constructed; plated metal frame. Wide frequency range—corrugated type cone. Shpg. wt. 3 lbs.
W19230—**85¢**
Your Cost, Special.

Model 1490—12" Para-Curve Speaker

A new wide-range speaker having an unusually fine frequency range. Extends to 8000 c.p.s. Voice coil impedance 2.6 ohms at 400 c.p.s. Field resistance 2500 ohms. Field dissipation 16 watts max., 9 min. New cone construction eliminates subharmonics. Comes furnished with a universal output transformer to match all types of tubes, either single or push-pull. Cadmium plated frame. Shpg. wt. 9 lbs.
W19395—**\$7.30**
Your Cost.



W.D. Wright De Coster SPEAKERS

New! Universal 12" Speaker Model 990

Universal field coil provides the following field resistances: 2500, 2200, 1800, 1500, 1000, 700, 300 and 1800 tapped at 300 ohms. The universal transformer, inclosed with the field coil, matches output of all existing type tubes, single and push-pull. The Para-Curve diaphragm has an extremely wide frequency range. Voice coil impedance 5.05 ohms at 400 c.p.s. Handles 9 watts. Outside diam. 12", depth 7", width in back 6".
W19147—Shipping weight 9 pounds.
Your Cost **\$4.85**



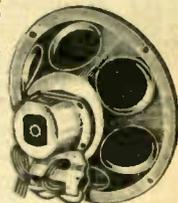
Model 390—5" Dynamic



Diameter 5". With output transformer to match a single 43. Field resistance 3000 ohms. Voice coil impedance 4.2 ohms at 400 c.p.s. Field dissipation 6 watts max. Cadmium plated frame. Excellent frequency response. Shpg. wt. 2 lbs.
W19161—Your Cost **\$1.91**

Model 690—10"

Field resistance 2500 ohms. Furnished with universal transformer to match all single or p.p. tubes. Voice coil 5.05 ohms at 400 c.p.s. With hum bucking coil. Field wattage 12 max., 6 min. Ridged cone maintains adjustment. Cadmium plated frame. Shpg. wt. 6 lbs.
W19158—Your Cost **\$3.38**



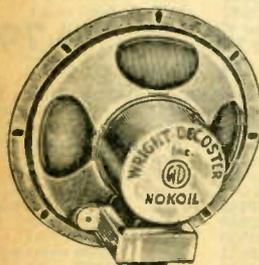
Model 590—8"

Same specs. as above, but 8" cone dia. Shpg. wt. 5 lbs. **\$2.89**
W19160—Your Cost.

Model 490—6"

Same specs. as above, but 6" cone dia. Shpg. wt. 4 lbs. **\$2.40**
W19159—Your Cost.

"Nokoil" Dynamic Reproducer

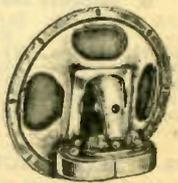


Requires no field current because it has no field coil, yet is equal to and cheaper than electro-dynamics of the same size and quality. Ideally suited for use in all types of call systems and multi-speaker installations. Eliminates the need for additional wiring for field supply as well as additional apparatus. Furnished with universal transformer to match all tubes, single or p.p. (transformers for 250 and 500 ohm lines available on special order).
W19140—Model 582, 6" type. Out. diam. of cone bracket $6\frac{1}{2}$ ", depth $2\frac{3}{4}$ ". Shpg. wt. 5 lbs. **\$2.86**
Your Cost.
W19141—Model 682, 8" type. Outside diameter of cone bracket $8\frac{1}{2}$ ". **\$3.34**
Your Cost.

depth $3\frac{1}{4}$ ". Shpg. wt. 5 lbs.
Your Cost

Wright de Coster "Hyflux" Magnetics

Built to exacting requirements to provide the maximum in frequency range, tone quality and performance. An excellent speaker for use with "talk-back" call and inter-communication systems, as well as for hotel and school installations. Ideal for these systems because of low initial cost, requires no field excitation apparatus or energy, or additional wiring for field supply circuit. Technical features include a one-piece seamless cone, metal dust-proof covers over movements, easily accessible adjustment screw for instantaneous screw-driver adjustment, Bakelite coil form and plated metal frame.



High Impedance—10,000 Ohms
6" and 8" Models
W19142—6" cone **\$1.96**
Your Cost
W19143—8" cone **\$2.20**
Your Cost

Medium Impedance—7000 Ohms
W19144—6" cone **\$1.96**
Your Cost
W19145—8" cone **\$2.20**
Your Cost

SPEAKER REPLACEMENT PARTS



GENUINE RCA VICTOR Replacement Speaker Cones



As authorized distributors of genuine RCA-Victor replacement parts, we can supply any part required by the serviceman at a discount of 40% from the list price. If an RCA listing is not available to you for the list price, write us giving complete details and we will supply desired information.

Stock No.	Model Numbers	Part No.	Your Cost
W19403	34, 35, 39, 50, 55, 59, 80, 82, 86, RE20, RE59, RAE79.	8558	\$1.20
W19404	R6, 7, 8, 9, 10, 11, 12, RE-18, RE19, 21, 14, 15, 17, 42, 48.	8601	.90
W19405	R32, 52, RE45, RE75.	10801	1.20
W19406	R28, 28P, RE40, R22, 100, 101, 110, 111, 114, 115, 300, 301.	8987	.60
W19407	R5, R5X, R5 d.c.	7236	.60
W19776	M-34, M-105	9023	.60
W19410	R37, 38, 37P, 38P, 112, 120, 121, 122, 142B, 241B, 310.	9428	.60
W19209	100A speaker (mag.)	9190	.75
W19210	100-B, 103 speakers	8359	.75

SPEAKER CONES FOR U.S.-APEX-GLORITONE

Stock No.	Model and Speaker	Diam.	Your Cost
W19629	26 (Speaker 2714)	8 1/2"	\$1.18
W19508	26A (Speaker 2467)	8"	1.18
W19509	26P (Speaker 2925)	8"	1.32
W19510	27 (Speaker 1936)	8 1/2"	1.18
W19642	10B (Speaker 2802)	10"	1.47

Field Coils For

Apex—Gloritone U. S. Radio Montgomery Ward



For Chassis 26. Original part. 1500 ohms tapped at 9040. Three different sized coils used. Specify types as shown below.

W19450	2 1/2" dia., 1 1/4" deep, 1 1/4" hole.	Your Cost	95¢
W19655	2 1/4" dia., 1" deep, 7/8" hole.	Your Cost	
W19656	2 1/2" dia., 1 1/8" deep, 1 1/8" hole.	Your Cost	
Shpg. wt. 2 lbs.			\$1.45
Sppr. Cost, Any Type			

Cement Kit

An efficient Radio Repair 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 CEMENT

For speaker cones and voice coils. Dries rapidly. To be applied with a fine brush. In sealed metal tubes.

W15239—1 1/2" Tube. Your Cost Each **5¢**
W15240—3/4" Tube. Your Cost Each **9¢**

Speaker Grille Cloth

Fine quality figured ornamental cloth for use behind speaker grilles. Neat appearance. W19609—Your Cost **15¢** For 10. **\$1.25**



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 3/4"	\$1.18	W19526	Newcomb Hawley NH9	9"	\$1.50
W19502	Atwater Kent 80, 82, 84, 55B, 627, 87, 90, 92, Early Models 83, 85.	8 3/8"	1.03	W19547	Philco 20, 70, 90 small	8"	.53
W19782	Atwater Kent 43, 46, 55, 60, 64, 66, 67, F2, Part No. 14374.	10 3/4"	1.18	W19400	Philco 40, 41, 65, 76, 77, 95, 96, 111, 112, 90 large	10 3/4"	.68
W19518	Best.	6 3/4"	1.15	W19552	Philco 50, 51 small, 80, 81	5 3/4"	.53
W19577	Bosch 5A, 39A	7"	1.18	W19640	Rola F5	6 3/4"	1.03
W19505	Bosch 48, 58	9 3/8"	1.62	W19648	Rola F6, F8	8"	1.18
W19520	Brunswick S81, S82, 81, 82, 21, 31, S21, S31	12"	1.71	W19586	Rola "J" series, D90, D110	9 1/2"	1.62
W19521	Clarion 60, 80, 81, 85, 90, 91, 100, 120, 25-60.	8 3/8"	1.47	W19588	Rola G12	12"	1.71
W19522	Clarion 51, 53, 55	12"	1.62	W19589	Rola F4	5"	.88
W19525	Clarion 220, 260, 25-260	6"	1.18	W19597	Stewart-Warner 2-point spider 200A, 950.	9"	1.62
W19527	Clarion 320	6"	1.18	W19550	Stewart-Warner 3-point spider.	9"	1.62
W19534	Clarion 480	10"	1.62	W19592	Stewart-Warner 104A.	8"	1.47
W19574	Colonial 33, LL-18	12 1/4"	1.71	W19593	Utah Large Cub, No. 2 2-point spider.	7 3/4"	1.32
W19579	Colonial 36	9 3/4"	1.47	W19595	Utah Little Giant No. 1 inside spider (Iso-dyne)	7 3/4"	1.18
W19617	Crosley M45, 40S	9"	1.40	W19571	Victor RE32, 45, 75, 52	9"	.73
W19580	Fada 15, 20, 25, 32	8 1/4"	1.62	W19574	Zenith 52, 72, 50, LL18	12 1/4"	1.71
W19583	Fada 11, 12, KU, KW	10 1/2"	1.91	MIDGET SPEAKER CONES			
W19538	Grunow 801, 701, 751, 752, 753, 671, 1152, 1162.	10"	1.62	W19783	Best D-5	5"	.95
W19548	Grunow 650, 651, 661, 750, 670	8 1/4"	1.47	W19784	Jensen T1, T2	5"	.85
W19519	Jensen D7, D8	11 1/4"	1.70	W19785	Jensen T3, 343	5"	.85
W19645	Jensen D9, InnerSpider	11 1/4"	1.62	W19786	Magnavox M44, 158	5"	.85
W19549	Jensen D15	8 3/4"	1.32	W19779	Majestic G-26	5"	.85
W19551	Jensen D16	8"	1.32	W19755	Operadio (Arvin 10)	5"	.85
W19554	Jensen J1, J2	6 1/4"	1.03	W19748	Quam	5"	.85
W19552	Lytic Model D, No. 9	10 1/2"	1.47	W19749	Utah Cub	5"	.85
W19625	Magnavox 144	7 1/4"	1.32	AUTO RADIO SPEAKER CONES			
W19526	Magnavox D6, D7, D8, 80, 90, 100.	9"	1.50	W19755	Arvin 10	5"	.85
W19556	Magnavox 130, 136	8 1/2"	1.47	W19749	Emerson	5"	.85
W19530	Majestic G1	9"	.84	W19776	General Elec. B-40	5"	.60
W19531	Majestic G2	9"	.84	W19761	Majestic 66, 116A	6 1/4"	.85
W19532	Majestic G3, G4	10"	1.18	W19761	Majestic 118 (Ford)	6 1/4"	.85
W19646	Majestic G6, G7	10"	1.47	W19748	Motorola 34	5"	.85
W19533	Majestic G5, G8, G9	12"	1.71	W19786	Motorola 44 (Mag.)	5"	.85
W19647	Majestic G14	12"	1.18	W19749	Motorola 44 (Utah)	5"	.85
W19626	Majestic G10B, G10D	8 3/4"	1.18	W19770	Motorola 88	8"	1.47
W19587	Majestic G11B	9 1/2"	1.40	W19552	Philco 5	5 3/4"	.53
				W19774	Philco 6, 7, 8, 9, 10, 12, 700, 800.	7 3/4"	.53



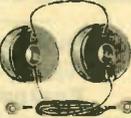
Celotex Speaker Baffles

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.

Stock No.	Thick	Your Cost	Size In.	Hole Size	Stock No.	Thick	Your Cost
W19714	50.17	12x12	5, 7 1/2 or 9	W19793	50.27		
W19715	.43	18x18	7 1/2 or 9	W19794	.80		
W19716	.64	24x24	7 1/2 or 9	W19795	1.18		
W19717	1.50	36x36	9 or 12	W19796	2.75		
W19718	2.75	48x48	None	W19797	4.95		
			None	W19799	6.75		

RCA Magnetic Speaker Coils

Part No. 708. Used in RCA 30, Victor Combinations, and 100 speakers. Also W.E. 540 A.W. Size 2 1/2" O.D. 5/8" thick, 3/8" hole. Can be used as a general replacement part. Offered at a special low price.



W19201—Your Cost **19¢**

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
BR219	Brunswick 16	2500	\$1.50
BR215	Brunswick 15, 22, 32, 42	1610	1.50
W19686	Crosley Model 57, 58, 59, 269.	10000	2.29
W19462	Grunow 5A	1850	2.35
W19429	Jensen D7, D8	1500	2.50
W19436	Jensen D9, D15	2500	1.47
W19694	Lytic 9"	5000	4.12
W19670	Magnavox D7 (9")	2500	3.80
W19446	Majestic G1	3100	3.15
W19447	Majestic G2	2730	3.15
W19657	Majestic G4, G5	7650	4.70
W19678	Majestic G3	2750	4.41
W19463	Majestic G19F, G19G	710	1.59
W19458	Philco 20, 21 (2768)	3100	1.18
W19456	Philco 65, 76, 77, 86, 87, 95, 96, 111 (2850).	3200	1.70
W19753	RCA R4	1900	.79
W19411	Rola F4	3000	.59
W19464	Rola G12	1000	3.52
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	2.35
W19484	Temple All Models	2250	2.65
W19466	Utah Little Giant	2500	2.00
W19486	Victor RE32, 45, 75	3000	1.95





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Latest Revised Edition



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.

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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.



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W19958—Your Cost **\$4.00**

Field Service Data and Answer Book

The ideal pocket book for the job. 240 pages. Lists a.f.s. of 2790 sets and troubles in over 750 receivers. Electrical diagrams of all makes of cars; clearing ignition noise, numerous charts, codes, tables, diagrams, etc.

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Save Money! The two books listed above when ordered together—Your Cost, Both Books **\$5.00**

Pocket Trouble Finder

The "Gadget" by Ghirardi and Freed. Consists of a set of 6 cards cycled at one corner and indexed at the edges. Tells at a glance the sources of 275 troubles common to all modern receivers. Saves hours of time and bother—tells you just where to look for the trouble. Fits the pocket.

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The most complete servicing data on auto-radio receivers available today. Begins at 1934 and goes up to about April, 1935. Furnished with separate index. In attractive, flexible, loose-leaf binding, 11 1/2 x 9". Contains every possible information you need for successful and money-making servicing of auto-radios.

W20000—Auto-Radio Vol. 2, 416 Pages. Shpg. wt. 5 lbs. **\$3.43**

Your Cost

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BLUE BOOK OF PROJECTION

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Stock No. Year Pages

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W19997 1931-1932 604

W19950 1933 340

W19964 1934 384

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RCA Glass Tube Manual

154 pages of glass tube data, characteristics, tube theory, applications and circuit design.

W19963—Your Cost **20¢**

RCA Metal Tube Bulletin

Complete characteristics of all all-metal tubes. Helps you service new sets properly.

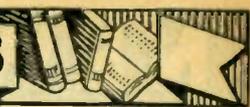
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In one convenient volume all the voltage tables on broadcast receivers made in the United States and Canada from 1927 to present date. Contains 300 pages of tables that tell you at a glance the voltages at the sockets of 1468 different receivers. Each table reads at a glance. Completely indexed. Is an invaluable addition to the serviceman's library. Measures only 8 1/2 x 11" and can be slipped into the pocket for field work. Shpg. wt. 4 lbs.

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The information every student and serviceman needs arranged in alphabetical order for handy reference. For industrial radio, radio service, sound pictures, television, etc. 300 pages, 550 illustrations.

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By Kruse

Written by one of the foremost radio amateurs, this book takes its place among those that are practically essential to the ham. Whether you are a phone man or hope to be, or whether you simply want to learn real phone theory and practice, you cannot do without Kruse's book. Contains Batcher's famous radiographs, and the phone dope you have been wanting but could not get anywhere else. 82 pages, revised edition, 7x10". Shpg. wt. 1 lb.



W19984—Your Cost. **\$5.00**

Television with Cathode Rays by A. H. Halloran



First authoritative work on modern tube television. For students and engineers. Loose-leaf, 192 pages. Free 100-page supplementary service for 1 year always keeps you up to date. Starts from the beginning. 5x7" with diagrams, tables, etc. Shpg. wt. 1 lb.

W19941—Your Cost. **\$2.75**

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**

A. R. R. L. Lightning Radio Calculator

Solves intricate mathematical problems in radio and electrical work. Gives direct answers. Type A—frequency, inductance, capacitance, coils, condensers. Type B—problems in current, voltage, resistance and power; also decibel gain-loss.



W20012 Type A. W20013—Type B. Your Cost **\$1.00**
Either Above Types

Type C—every possible computation of all types of wires. Type D—determines decibels in any problem. Type E—solves parallel-resistor and series-condenser problems. Type F—your voltmeter becomes an ohmmeter using this one; from 1 ohm to 1 megohm. W20034 Type C W20035—Type D W20036 Type E W20037—Type F Your Cost **\$5.00**
Either Above Types

Short-Wave Coil Book

Every possible bit of constructional data you want, to make your own short-wave coils. Method of computing wire size, turns, forms, spacing. No duplication. Easy to understand.



W19985—Your Cost. **\$2.50**

How To Pass the U. S. License Examination

Complete information for passing license exam of commercial op's "ticket". 170 pages, 92 illustrations, size, 9 1/2 x 7".

W19956—Your Cost. **\$1.80**

The "RADIO" Handbook

Just released and therefore right up to the minute. 360 pages of real information on newest developments. New metal tubes, xmitters and receivers from a 1-tube beginner's job to a 1-kw. for the big fellas. Plenty of dope on antennas and 5-meter apparatus. Measuring and monitoring instruments for the ham; charts—in fact every thing in amateur radio. Wt. 4 lbs.



W19999—Your Cost. **\$1.00**

Rapid Time Calculator For Short-Wave Fans



Expressly for the fan and ham who are interested in local time of the DX station being heard or worked. Set the chart at your time and read directly the time in any part of the world. Back lists stations.

W20015—Your Cost. **\$1.00**

Short-Wave Beginner's Book

Presents all the information needed to get the most out of short wave reception. Covers the actual building of a set, making of a short wave aerial, winding of coils and kinks in operating a receiver.



W19921—Your Cost. **\$2.50**

10 Most Popular Short-Wave Receivers

How to Make and Work Them. Every set described has actually been built and tested by the editors of SHORT-WAVE CRAFT magazine. Shpg. wt. 2 lbs.

W19922—Your Cost. **\$2.50**

101 Most Popular Short-Wave Hookups

101 of the most popular short-wave hookups including everything from a 1-to-a 10-tube receiver. By the editors of S-W CRAFT.

W19986—Your Cost. **\$3.80**

DRAKE'S Cyclopedia

New Edition

Completely revised. This valuable encyclopedia, written in simple language, contains information on radio and all its allied lines. Gives all practical data on radio transmitting and receiving, sound pictures, public address, television, photo-electric cells, etc. 1048 pages, 500 complete articles, 1100 additional definitions and references. 130 tables and graphs. Thoroughly covers new superheterodynes, short-wave receivers and converters and aviation radio. Self indexed to make every fact easy to find. Size 9x6 1/2 x 2 1/2". Shpg. wt. 7 lbs.



W19938—Your Cost Each. **\$3.92**

THORDARSON Manuals

Just the thing for the serviceman or sound technician. Contains three individual sections dealing with: sound amplifiers, transmitters, service problems. Check



full of diagrams, service hints, parts lists, etc. Tells how to build all kinds of test instruments. Transmitting section includes schematic diagrams and parts lists for transmitters from 20 to 1000 watts both c.w. and phone 8 1/2 x 11". Loose leaf type binding. W19987—Your Cost. **\$2.90**

Transmitter Guide

Just out. Contains circuits and specifications for transmitters from a 40-watt up to a kilowatt. Plus plenty of good dope.

W20024—Your Cost. **\$9.00**

Sound Picture Circuits

By Aaron Nadell

For the projectionist and sound man. Real practical trouble-shooting on modern installations. 204 pages; numerous circuit diagrams of W.E. RCA, etc. No booth should be without this latest and finest book. Written in simple language; explains fundamentals of sound and how amplifiers work. Shpg. wt. 2 lbs.



W19944—Your Cost. **\$1.75**

A. R. R. L. Amateur Publications

RADIO AMATEUR'S 1936 HANDBOOK

For years this book has been the ham's final word. This latest edition is bigger and better than ever—472 pages covering every phase of theory, antennas, transmitters, receivers, getting into the game, tables and a host of other information. Shpg. wt. 4 lbs. **\$1.00**
W19949—Your Cost.

HOW TO BECOME A RADIO AMATEUR

should be read by every ham beginner.

How to learn the code, build a station, get a license. 32 pages. The ARRL tells you how. W19935—Your Cost. **\$2.50**

RADIO AMATEUR'S LICENSE MANUAL

Covers every phase of amateur licensing procedure in a clear and concise manner. Complete question and answer section covers every type of question you will be asked for any type amateur license. Save yourself a lot of worry with this book. W19940—Your Cost. **\$2.50**

Hints and Kinks For the Radio Amateur

Information—ideas—suggestions. Practical time-saving, money-saving tips—a full book of them. On every phase of ham work. Wt. 1 lb. W19981—Your Cost. **\$5.00**

Radiocraft Serviceman's Library

These books are all new and up-to-date, and are written by experts in their respective fields. Helps you increase your knowledge and your profits. Each book has the technical O.K. of RADIOCRAFT magazine, and is written in simple, easy-to-understand, everyday language. The volumes are of uniform size, 6x9" (those marked* are 7 1/2 x 10"). Number of illustrations in each varies from 50 to 120.

List Price, Each, 50c. Shpg. wt. 1 lb.

Your Cost Each, Any Title. **\$3.80**

W19905—Radio Set Analyzers. Servicing.
W19906—Modern Vacuum Tubes.
W19907—The Superhet Book.
W19908—Radio Hookups.
W19909—How to Become a Service Man.
W19911—Radio Wrinkles.
W19912—Radio Questions and Answers.

W19913—Auto Radios and Servicing.
W19914—Home Recording.
W19915*—How to Build and Operate Short-Wave Receivers.
W19923*—How to Become an Amateur Radio Operator.
W19934—Point-to-Point Resistance Measurements.
W19961—P.A. Installation and Servicing.

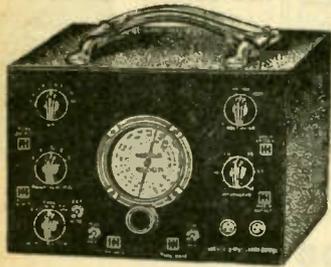


NOTE—TECHNICAL BOOKS ARE NOT RETURNABLE



NEW 1937 SUPREME INSTRUMENTS CORPORATION

Model 580 Signal Generator



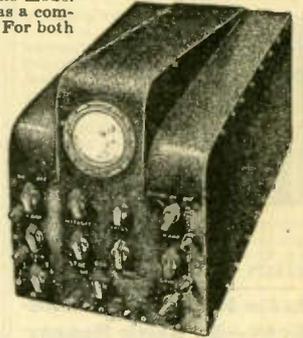
De Luxe Series
Have the following features: a variable r.f. output which may be frequency modulated at a constant band width or amplitude or "wobbled" for use in visual alignment of receivers or alignment by the usual "standard test voltage" method. Range covers from 90 kc. to 60 megacycles. Fundamentals are employed from 90 kc. to 20 megacycles, extension of the range accomplished by utilizing harmonics. Provisions have been incorporated for obtaining a signal generator which is automatically synchronized with the frequency modulated output. Includes a well designed beat frequency audio oscillator calibrated from 50 to 10,000 c.p.s., having a constant output and harmonic content not exceeding 3%. Provisions for external amplitude modulation of the r.f. carrier. Internal modulation accomplished by a self-contained stage that modulates the carrier 30% at 400 cycles. Attenuator is of the ladder type. Two controls are graduated for approximate micro-volt output. Provisions for obtaining either modulated or unmodulated output are incorporated; two pin-jacks also included for providing the 400 cycle audio output of the modulator stage. Full instructions included. Size: 14x10½x6¾". For 110 volts, 60 cycles a.c. Shpg. wt. 40 lbs.

W21509—Your Cost

\$53.85

Model 545 Cathoray Oscilloscope

When used in conjunction with the model 580 signal generator, can be used as a complete visual servicer for receivers. For both alignment and checking purposes. Contains a complete power supply for operation on 110 volts, 60 cycles a.c. Has a horizontal and a vertical amplifier each having an input resistance of 500,000 ohms, input capacitance approx. 20 mmfd., maximum input potential of 800 volts, frequency range from 20 to 90,000 kc., sensitivity approximately 2 peak volts per inch deflection and graduated gain controls for facilitating comparative tests. Includes "saw tooth" oscillator or time base employing a type 885 tube, and having a range from 7 cycles to 20,000 cycles. A "phase splitting" device for aid in study of Lissajou figures. Intensity control for varying brilliancy of pattern on screen. Other controls for focusing and spot centering. Access to vertical and horizontal deflection plates by direct connection or through amplifiers. Means for external or internal synchronization of input potential under study. Provisions for synchronization of linear time base with local power supply frequency. Complete with following tubes: 906, 885, 879, 80 and 2-57's. Mounted in metal case providing effective shielding. Complete operating instructions included. For operation on 110 volts, 60 cycles a.c. Shpg. wt. 45 lbs.



\$91.09

W21510—Your Cost

Supreme Model 555 Diagnosticscope

De Luxe Series



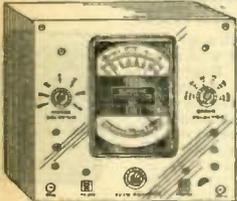
The first and only completely self-contained cathode ray apparatus capable of a wider range of test work than any other instrument of its type now available. The component circuits can be used either individually or in a wide variety of combinations covering almost every present known test incorporating oscillographic, r.f. or a.f. signal generator functions. Completeness—compactness—accuracy—flexibility—beauty are all accurately combined in this one super-cathode ray instrument. The model 555 Diagnosticscope is made up of the model 580 DeLuxe Signal Generator and the model 545 Cathoray Oscilloscope in one modern type case. The signal generator has a range of from 90 kc. to 60 megacycles and incorporates a beat frequency audio oscillator having a range continuously

variable from 50 to 10,000 c.p.s., with maximum of 3% harmonic content, and a "wobbler." The oscilloscope, incorporating the RCA type 906 cathode ray tube, is fully described above. Controls include: attenuators for the signal generator calibrated in approximate micro-volts, vertical and horizontal sweep controls, brilliancy and spot centering controls, etc. All control knobs symmetrically placed on opposite sides of the cathode ray tube, and are plainly marked. Instrument operates on 110 volts, 60 cycles a.c. All tubes, accessories, complete instructions (cathode ray book) included. In modernistic metal case measuring 16x14x28". Shpg. wt. 85 lbs.

W21511—Your Cost

\$144.99

Model 590 Multimeter



A compact, inexpensive instrument with all measuring facilities. Uses the new Quadrimeter with its bi-indicating needle and dual viewing windows. Following ranges available. 0/5/25/125/250/500/1250/2500 volts a.c. and d.c.; 0/250 microamps. and 0/5/25/125/250/500/1250 ma. d.c.; 0/.0125/.025/.05/.125/25/.5/1.25/2.5/5/12.5/25/50 mfd.; -20 to -6/-10 to +6/0 to +16/+10 to +26/+20 to +36/+30 to +46 db.; 0/2000/20,000/200,000/2,000,000/20,000,000 ohms. Meter has 200 microampere movement (5000 ohms per volt). Two multi-point switches and two pin jacks. In golden oak case 11x13¼x6", with cover. Scale length 4"—easy readings. For operation on 110 volts, 60 cycles a.c. Shpg. wt. 25 lbs.

W21512—Your Cost

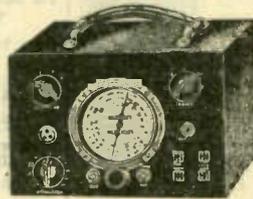
\$46.01

Model 570 Standard Signal Generator

Low priced, high quality. Has the following features: full coverage from 90 kc. to 60 megacycles in 7 bands. Five bands, from 90 kc. to 20 megacycles on fundamentals; two bands from 20 to 60 megacycles on harmonics. Employs stable modified electron-coupled oscillator. Modulator stage modulates the carrier 30% at 400 cycles. Carrier may be externally modulated. Ladder type attenuator. Jack for external "wobbler." Either modulated or unmodulated r.f. output. External 400 cycle audio note. In well shielded metal portable case 10½x8½x5". For 110 volts, 60 cycles a.c. Complete with tube and instructions. Shpg. wt. 20 lbs.

W21513—Your Cost

\$31.31



Model 520 Universal A.C. Bridge

A low priced precision type instrument for servicemen and dealers. Accurately checks resistors, capacitors and inductors. The instrument has three resistance ranges, measuring resistors from 0.5 to 2,500,000 ohms; three capacitor ranges from 0.00001 to 70 mfd.; three inductance ranges from 50 microhenrys to 20 henrys, using the Wien bridge circuit. A magic eye (6E5) tube is used as a null (balance) indicator, and a sensitive neon lamp is used for leakage indications. Built-in power supply provides d.c. potentials in five steps from 100 volts d.c. to 500 volts d.c. Capacitors may be tested for capacity, power factor and leakage, shorts, opens and intermittent opens. All controls on panel. In golden oak case with removable cover. With instructions. For 110 volts, 60 cycles a.c. Shpg. wt. 30 lbs.

W21514—Your Cost

\$36.21



Model 575 Decade Box

A low cost precision instrument for determining values of unknown resistors and capacitors. Eliminates guess work and saves time. The tester has separate terminals for resistance and capacitance, thus allowing the use of both decades at once when desired. Resistance ranges are from 1 ohm to 1 megohm; capacity ranges from .0001 mfd. to 10 mfd. Steps are one part in one hundred for the range being used. All controls on metal panel. Complete with all necessary accessories and instructions. Housed in hard wood case with detachable cover.

Size: 13½x12¼x6½". Shpg. wt. 9 lbs.

W21516—Your Cost

\$28.37

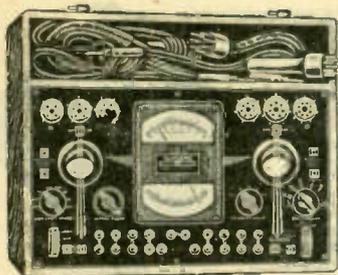
TIME PAYMENT PLAN!

Good news for servicemen and dealers! You can now purchase Supreme Instruments on an easy time payment plan with 10 months to pay! April 1st witnessed the end of the F.H.A. loans for radio testing equipment, but this new S.I.C. Finance Plan features and makes available to every serviceman the lowest down payment and the lowest terms ever offered, independently, by any manufacturer. No complicated procedure involved—you just fill out your application, send it in with the stipulated deposit, and the instrument is shipped to you. Write to us for complete detailed information NOW.

TEST EQUIPMENT

Model 550 Radio Tester

De Luxe Series



The finest modern radio testing instrument on the market today. Easy to operate—fast—accurate and with a multiplicity of ranges, the model 550 will pay for itself again and again in a short time. Supreme Quadrimeter with its bi-indicating needle and individual upper and lower viewing windows which are indirectly lighted by pilot bulbs. By using the multi-contact switches, the following 29 ranges are provided: 0/7/35/140/350/700/1400 a.c. volts; 0/7/35/140/350/700/1400 d.c. volts;

0/7/35/140/350/700/1400 d. c. milliamperes; 0/14 amperes (external only); 0/2000/20,000/200,000/2,000,000/20,000,000 ohms; 0/07/35/14/3.5/7.0/14 mfd.; -10 to +6/0 to +16/+10 to +26/+20 to +36/+30 to +46 db. Also contains electrolytic capacitor leakage check, self contained power supply. Ohms scale has zero adjustment. Provisions are made for blocking d.c. potentials from metering circuits for output measurements; six output ranges available, and complete free reference system of analysis through one cable. Tester is housed in a handsome golden oak case with removable cover and supplied complete with all accessories, instruction manual and adapters. Size: 18½x14¼x7½".

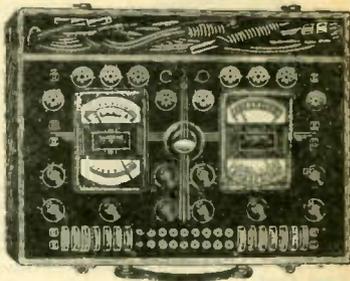
Shpg. wt. 40 lbs. For 110 volts, 60 cycles a.c. **WZ1504—Your Cost**

\$54.83

Model 585 Diagnometer

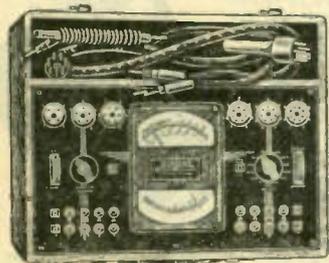
De Luxe Series

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 0/07/35/14/3.5/7.0/14.0 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 and all-glass types. Multitang, multi-point switches are used to select all ranges for the radio tests. Power supply for tube tests and capacity leakage tests operates from 110 volts, 60 cycles a.c. only. Complete panel assembly and meters finished in antique bronze, and contained in an attractive hardwood case with detachable cover. Dimensions: 22¾x18x7". All necessary test prods, adapters and complete operating instructions included. Shpg. wt. 42 lbs.



\$95.01

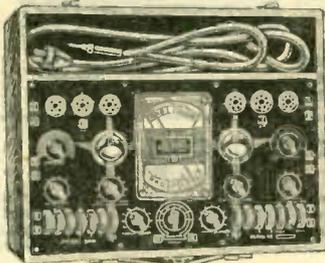
Model 540 Radio Tester (De Luxe Series)



A great value in the low price analyzer field. For the average serviceman who cannot afford the more complete and expensive analyzers, the model 540 tester will be found most suitable. The sensational new Supreme Quadrimeter with its bi-indicating needle and dual viewing windows is incorporated in this tester, and prevents crowding of a number of scales in one viewing window as heretofore. The tester permits all point-to-point tests in addition to all socket voltage and current analysis work. A 12-point switch is used in conjunction with a d.p.s.t. toggle switch to permit the selection of the following ranges: 0/7/35/140/350/700/1400 a.c. volts; 0/7/35/140/350/700/1400 d.c. volts; 0/7/35/140 d.c. milliamperes; 0/2000/20,000/200,000 ohms. Large figures on all scales. Lowest ohmmeter reading is 1 ohm, with 85 ohm reading at center scale. The instrument panel is especially finished in antique bronze; meter, panel and component parts are housed in an attractive oak case. With all accessories, instruction manual and analysis chart. For 110 volts, 60 cycles a.c. 16½x11½x5". Shpg. wt. 18 lbs. **WZ1505—Your Cost**

\$36.21

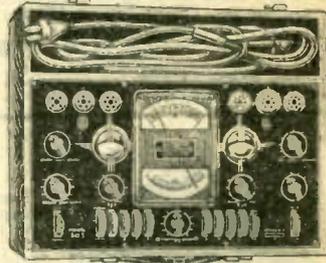
Model 500 Automatic (De Luxe Series)



Designed for the service engineer who desires multi-meter functions in addition to a modern tube testing instrument. The model 500 is built around the ultra-modern Quadrimeter with its bi-indicating needle and dual viewing windows which are indirectly illuminated. Tests all tubes for quality on English reading scale, and under correct rated loads. Only 6 sockets for all tests, including octal tubes with filaments terminating at any two positions, by means of an exclusive filament return selector switch. Simple, accurate line voltage adjustment. Separate tests of all elements of multielement tubes. Full sized neon lamp for hot leakage tests. Tests cathode ray indicating tubes. Provides following ranges: 0/7/140/700/1400 volts a.c.; 0/7/140/700/1400 volts d.c.; 0/7/140/700/1400 ma. d.c.; 0/2000/20,000/200,000/2,000,000/20,000,000 ohms; 0/07/35/14/3.5/7.0/14 mfd. -10 to +6/0 to +16/+10 to +26db. Electrolytic capacity leakage, electrostatic capacity leakage. In golden oak case with slip-hinged cover. With all accessories. 20¾x15x6¾". For 110 volts, 60 cycles a.c. Shpg. wt. 33 lbs. **WZ1506—Your Cost**

\$65.61

Model 505 Tube Tester (De Luxe Series)



An ideal instrument for radio dealers and servicemen who want one instrument for both counter sales and service calls, and who do not require the additional multi-meter functions of the model 500 tester. This tester was designed primarily to reduce probabilities of obsolescence to a minimum, to provide utmost flexibility, to test all tubes without adapters, and to test all tubes at R.M.A. rated loads. The radically new Quadrimeter, with its bi-indicating needle and indirectly illuminated dual viewing windows is used, the top scale being divided into "Good"—"—" and "Bad" sectors for the quality tests of all tubes; the bottom scale is divided into 100 divisions to indicate percentage of full-scale deflection for closer comparison of similar type tubes. Complete adjustment for power line voltage. Full sized neon tube for leakage tests. One 8-pin socket is used to test all octal tubes, regardless of filament connections. Fully protected meter and circuits. In beautiful hardwood carrying case with detachable lid. All accessories. For 110 volts, 60 cycles a.c. 19x14¼x6¾". Shpg. wt. 30 lbs. **WZ1507—Your Cost**

\$46.99

Model 400 Standard Tube Checker

Incorporates new and improved tube test circuit for all old and new type tubes. Employs 5" fan type meter having a sensitivity of 500 microamperes (2000 ohms per volt.) Also provides the following test ranges: d.c. volts 0/7/35/140/350/700/1400; d.c. milliamps. 0/7/35/130/350/700/1400; ohms 0/4000/40,000/400,000 with self-contained battery, 0/4,000,000 ohms with external 45-volt battery. Oak case. For 110 volts, 60 cycles a.c. Shipping weight 20 lbs. **WZ1535—Your Cost**

\$38.17

Models 400, 450 and 490, are similar to the 1936 model Supreme instruments, and employ fan type meters. Write for complete illustrated circular giving details.

Model 490 Multimeter

Exceptionally low priced, yet high quality. Ideal for servicemen and shopmen. Provides the following test ranges: 0/7/35/140/350/700/1400 volts a.c. and d.c.; 0/7/35/140/350/700/1400 d.c. milliamps; 0/4000/40,000/400,000 ohms with built-in battery. Comes complete with all necessary accessories. In compact case with carrying handle. 5" fan type meter Shpg. wt. 10 lbs. **WZ1533—Your Cost**

\$22.49

Model 515 Test Bench

Radio dealers, servicemen and shopmen can now obtain the new 1937 Supreme test instruments in professional test-bench style. That is, the instruments are housed on a test panel with all controls and dials on the front. Thus, laboratory type equipment can be set up to provide maximum flexibility for all radio tests. Size of test bench depends on the number of instruments it includes. Write now for full particulars, including detailed descriptions, prices, etc.

Model 450 Standard Radio Tester

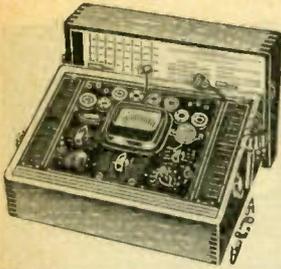
Low priced, high quality radio set tester employing the 5" fan type meter having a sensitivity of 500 microamperes (2000 ohms per volt.) Provides the following test ranges: d.c. volts 0/7/35/140/350/700/1400; a.c. volts 0/7/35/140/350/700/1400; d.c. milliamps. 0/7/35/140/350/700/1400; resistance 0/4000/40,000/400,000 ohms with external 45-volt battery. Complete with all accessories. In oak case. Shpg. wt. 16 lbs. **WZ1532—Your Cost**

\$34.15

TRIPLITT

MASTER SERVICE EQUIPMENT

Model 1503 Multipurpose Tube Tester

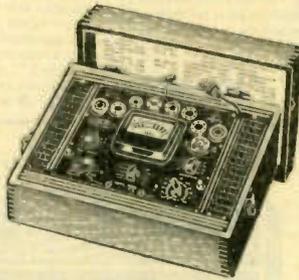


The equivalent of nine separate units. Tests tubes under conditions approximating their use in a radio set. Checks any type glass, metal-glass or metal tube for worth—Neon short test—Separate diode test—Metered paper condenser test (for shorts and opens)—Electrolytic condenser leakage test—D.C. Voltmeter and Milli-ammeter—Ohmmeter—A.C. Voltmeter—Decibel Meter. 10, 50, 250, 500, 1000 d.c. volts, 1000 ohms per volt; 10, 50, 250 m liamperes; 1,000, 10,000, 100,000, 1,000,000, 10,000,000 ohms; 10, 50, 250, 500, 1000 a.c. volts at 400 ohms per volt. Down 10 and up 15 decibels. Has shadowgraph line voltage indicator. Furnished in attractive quartered oak case with sloping silver and black metal panels. Counter or portable use. Case measures 15 1/4 x 11 1/2 x 7 1/2". Shpg. wt. 26 lbs.

W2150—Complete, ready to operate. **\$45.74**
Your Cost **\$55.54**
 110-volt, 25 cycle model \$12.08 extra
 220 volt, 60 cycle model 6.86 extra

W21520—Model 1504 as above, with free-point tester, sockets and Jacks.
Your Cost
 110-volt, 25 cycle model
 220 volt, 60 cycle model

Model 1502 "Standard" Tube Tester



Quickly and accurately checks all metal, metal-glass and glass tubes by the approved power output method, the nearest approach to actual receiving set operations. The tester will reject any tube that will not perform in a receiving set.

Applies proper d.c. voltages to tube elements. Includes test for rectifier tubes and separate diode test. Supplies a.c. signal to control grid and indicates amplification on the a.c. voltmeter. Neon short test detects even the slightest leakages. Has shadow-graph line voltage indicator.

Furnished in sturdy quartered oak case with sloping silver and black metal panel. Adaptable for portable or counter use. Case measures 15 1/4 x 11 1/2 x 7 1/2". Shipping weight, 26 pounds.

W21519—Complete, ready to use. **\$35.94**
Your Cost **\$12.08 extra**
 110-volt, 25 cycle model
 220-volt, 60 cycle model 6.86 extra

AUDIO OSCILLATOR Model 1260



Ideal for P. A. Work

Here is a portable audio frequency oscillator that will simplify the work of every serviceman. Incorporating the latest engineering developments, the Triplitt Model 1260 brings precision laboratory quality into the service field.

It furnishes an audible frequency to test audio amplifiers, speakers, P.A. systems, etc., with great accuracy. Its signal is sufficiently strong to be used successfully in checking weak amplifiers. Attenuation, for the measurement of gain percentage, is extremely accurate. Impedance matching is variable, permitting matching with low, medium, or high impedance inputs of amplifiers or P.A. systems.

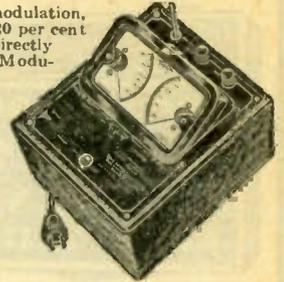
The instrument has a wide frequency range—100, 250, 500, 1,000, 2,000, 3,000, 4,000, 5,000, 7,500 and 10,000 cycles. Its circuit is of the "feed-back" type which generates a pure sine wave note without distortion or harmonics.

Operates from the 110 volt a.c. lighting line. A type 84 tube is used as a rectifier. The audio frequency oscillator is furnished in a convenient "Master" unit case made of black wrinkle finished metal with attractive silver and black panel. Case size, 7 1/2 x 6 3/4 x 4 3/4" high. All necessary test leads and tubes furnished with instrument. Shpg. wt. 15 lbs.

W21517—Model 1260 Audio Oscillator, ready to use. **\$27.76**

Your Cost

Modulation Monitor Model 1295



Percentage modulation, from 40 to 120 per cent is indicated directly on the dial. Modulation scale permits peak readings.

Visual information is provided on a other scale for carrier reference level for the modulation test and also to check carrier shift during modulation of the transmitter. Factory calibrated, no further calibrations needed. Has a Triplitt twin instrument, tilting type, with separate movements. Durable metal, black wrinkle finish. Silver and black panel. Case is 7 1/4 x 6 3/4 x 4 3/4" high. Shpg. wt. 11 lbs.

W21516—Complete, ready to operate. **\$24.34**
Your Cost

V. T. Voltmeter Model 1250



With Tilt Meter

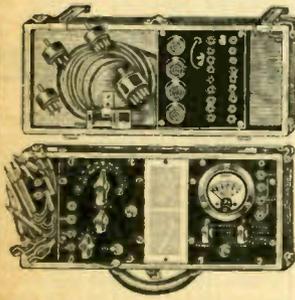
The accuracy of this vacuum tube voltmeter is independent of the changing characteristics of its tubes. Its new bridge circuit automatically balances out the tube plate current regardless of an emission change of the tube.

Replacing a tube does not alter its accuracy a bit.

Contains a Triplitt tilting type meter with two separate d.c. movements; a sensitive galvanometer for indicating circuit balance, and the other a 3-scale voltmeter for reading peak a.c. and d.c. voltages. Scales are 2.5, 10, and 50 volts. Very easy to operate—very reliable. The V.T. Voltmeter can be used to measure: Signal voltages in i.f. and a.f. amplifier stages; filter ripple; signal gain per stage; a.v.c. and grid bias voltages, etc., etc. Furnished in "Master" unit metal case measuring 7 1/4 x 6 3/4 x 4 3/4" high. Has attractive silver and black panel. With tubes and all necessary accessories. Shpg. wt. 13 lbs.

Triplitt Model 1250. \$32.67
W21521—
Your Cost

Portable Laboratory—Model 1181A

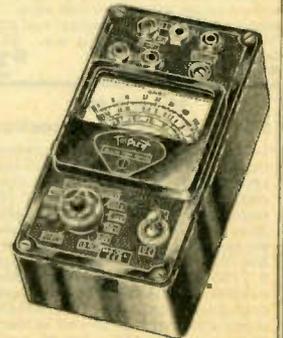


A complete test laboratory. Contains Volt-Ohm-Milliammeter, Free-Point Auxiliary Set Tester and All-Wave-Oscillator. Has a universal a.c.-d.c. meter having sensitivity of 500 microamperes. Either a.c. or d.c. readings selected by panel switch. The following meter ranges are available: 0-15-150-750 volts a.c. or d.c.; 0-1.5-15-150 d.c. milliamperes; 0-15-150 a.c. milliamperes; 0-1500-1,500,000-3,000,000 ohms. All-Wave Oscillator, model 1151, continuously variable from 110-500 kc., 500-3000 kc., 2000-6000 kc., and 4000-18000 kc. Accurate hand-drawn curves supplied for each range. Positive attenuator permits accurate control of output at all times. Battery operated.

All units mounted in oak case 16 1/2 x 7 1/2 x 5 1/2". Shpg. wt. 19 lbs.

W21522—Model 1181A With batteries. **\$37.24**
Your Cost

Universal Pocket Volt-Ohm-Milliammeter Model 666

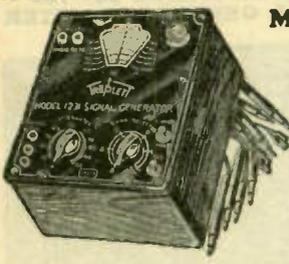


An actual pocket-size volt-ohm-milliammeter in a black Bakelite case. Provides a.c. and d.c. voltage ranges, d.c. milliampere range and has a selector switch for all instrument readings. Also includes high and low ohm scales. Small enough to carry in a pocket, yet has all the advantages of the larger multimeters. Scale length corresponds in size to that of the Triplitt three-inch instruments. The 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 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 measures 3 1/4 x 5 3/4 x 2 1/4" high. Panel is modernistic silver and black. Battery and test leads with alligator clips included. Shipping weight 4 lbs.

W10472—List \$22.50. **\$14.70**
Your Cost

TRIPLITT

MASTER SERVICE EQUIPMENT



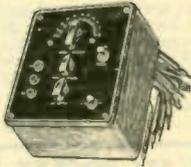
Models 1231 and 1232 Direct-Reading Oscillator

Has frequency range of 100 to 30,000 k.c. in six bands; all fundamentals. Uses frequency stabilizing circuit. Modulated note is 400 cycles; jacks provided for obtaining this audio signal externally. Has long 12" direct-reading scale with vernier tuning. Models 1231 and 1232 have the same features except that 1231 is completely battery operated and therefore portable. All its batteries are self-contained. Model 1232 is designed to operate from the 110-volt a.c. line. Special, low-loss switching system on both models.

Furnished in regular "Master" unit black wrinkle finish metal case, complete, ready to use—with instructions. Shpg. wt. 16 lbs.
W21477—Model 1231, with batteries and tubes. **\$26.14**
Your Cost
W21478—Model 1232, 110-volt a.c. oscillator. **\$26.14**
Your Cost

MODEL 1230 OSCILLATOR

A stable, all-wave signal generator supplying a continuously variable signal either modulated or unmodulated. Frequencies from 100 to 18000 kc. in six bands. Scale calibrated against curve charts. Self-contained batteries. Complete, ready to operate. Supplied in new metal case. Shpg. wt. 14 lbs. With calibration charts.
W21479—**\$15.02**
Your Cost



Model 1200A Dual-Meter Master Universal Tester

New tilting meter provides separate a.c. and d.c. meter movements. D.C. meter has 500 microampere sensitivity with 2% accuracy. D.C. scales: 10, 50, 250, 500, 1000 volts; 1, 10, 50, 250 ma.; 0 to 500, 1500 ohms and 1.5 and 3 megohms. A.C. scales: 10, 50, 250, 500, 1000 volts. Three jacks for volts, ohms, mills, and output volts. Self-contained batteries. New metal "Master" unit case. Ship. wt. 12 lbs.
W21480—Wired, with batteries. **\$21.24**
Your Cost



W21481—Kit to build tester, less case, batteries. **\$16.33**
Your Cost

Model 1200B With Copper Oxide Rectifier

Essentially the same as above, except that a more sensitive Copper Oxide type a.c. instrument is employed. Has additional 2-volt a.c. scale. Also has a backup ohmmeter for measuring low values (1/2 to 3000 ohms) of resistance. High resistance scale of 1.5 and 3 megohms.
W21482—Model 1200B Test Unit. List \$40.00 **\$26.14**
Your Cost

Model 1220A Free-Point Tester

For use with above two testers or similar units. Services all sets using metal or glass tubes. Has 5 sockets (including octal) with RMA markings. Special jacks on the panel make possible all series and parallel meter connections, thru the set sockets, to all circuits of the receiver. Complete with 7-prong cable-plug and all necessary adapters. In "Master" case.
W21483—Model 1220A Tester. Shipping weight 10 lbs. **\$9.80**
Your Cost

Triplitt Complete Portable Master Test Sets

Model 1206

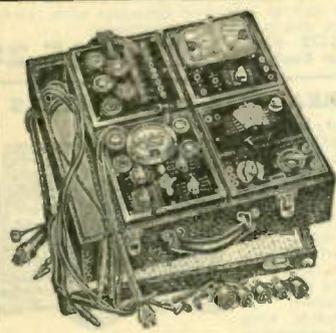
A complete portable laboratory for the professional serviceman. Ideal for shop or road. Includes all units necessary for any type of trouble-shooting, aligning, etc., on all sets. Contains the finest, up-to-date instruments in unit form, and in one case. Comprises models 1220A tester, 1210A tube tester of both metal and glass tubes, 1200A dual-meter universal tester and model 1231 all-wave battery-operated oscillator. These units are described separately on this page. Their combination, in one convenient carrying case, permits the analysis of all sets—old, new and future ones. Case size, 17 1/2" x 17" x 6 1/2". Shipping weight 37 lbs.
W21485—Ready to use; with instructions. **\$81.02**
Your Cost

Model 1205A

A low-priced, complete laboratory for bench or road. Makes all tests and alignments. Identical to the 1206 Master Test Set, except that in place of the 1231 all-wave oscillator, the Model 1230 Signal Generator (described on this page) is employed. All other units are the same as described for the 1206. With instructions. Shipping weight 36 lbs. **\$69.90**
W21484—Your Cost

Model 1207

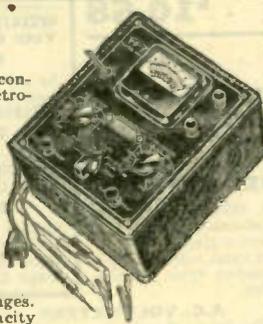
Identical to the 1206 Master Test Set except that its oscillator, Model 1232, operates from the 110-volt a.c. line instead of from batteries. Shipping weight 37 lbs. **\$81.02**
W21486—Your Cost



Model 1240 Master Condenser Tester

Quickly and accurately checks the condition of any type—paper, mica or electrolytic condenser. Defects are indicated on an easily-read meter scale. For electrolytic units, a "Good-Bad" scale is provided. In testing for breakdowns Model 1240 excels in eliminating all the uncertainty of the "cut and try" method. Any intermittent short will burn thru and register as "Bad".

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. Accuracy is maintained for the capacity tests by a line voltage regulator with a unique shadow-type indicator—which also shows when the tester is left connected to the line. Furnished in a sturdy metal case with attractive black wrinkle finish. Size of case, 7 1/2" x 6 1/2" x 4 1/2". Test leads and detailed instructions included. Shipping weight, 13 lbs.
W21487—Model 1240 Condenser Tester. List \$37.25 **\$24.34**
Your Cost



Model 1210A Tube Tester For Metal and Glass Tubes

An emission type tester with a 3 1/2" D'Arsonval type meter having an English reading scale calibrated "Good" and "Bad". Will test all types of tubes, including the latest all-metal octal base types. Has provisions for making short and leakage tests between tube elements. Tests are made quickly and accurately. Instrument is housed in an attractive metal case; all panel controls have etched scales. Furnished with complete set of instructions. For operation on 110 volts, 50-60 cycles a.c. Shpg. wt. 18 lbs.
W21488—**\$19.60**
Your Cost



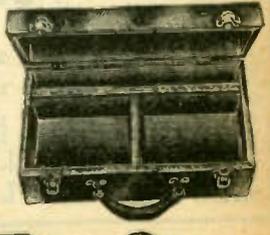
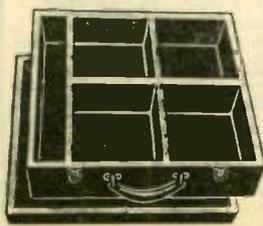
Model 1310 Portable Unit

A deluxe model using the same unit as the 1210A above, but in two-toned hardwood case with removable cover, sloping panel. 110 v., 60 cycles a.c. Shpg. wt. 18 lbs. **\$24.18**
W21489—Your Cost, Complete
 For 110 volts, 25 cycle, add \$5.88
 For 220 volts, 60 cycle, add 8.50

Master Unit Cases—Single and Multiple

These cases are designed for combining any of the single "Master" units described on this and the preceding page. They are available with 1, 2, 3 and 4 separate compartments, and are constructed of well-seasoned wood covered with black grained leatherette. The compartments are lined with heavy felt material. A separate compartment is provided in each for accessories. Illustrated at left is the four-unit case, size 17 1/2" x 17" x 6 1/2" H with cover.

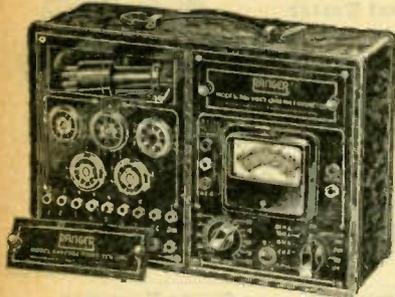
W21490—1 unit. Shpg. wt. 7 lbs. **\$3.92**
Your Cost
W21491—2 units. Shpg. wt. 10 lbs. **\$4.58**
Your Cost
W21492—3 units. Shpg. wt. 14 lbs. **\$5.22**
Your Cost
W21493—4 units. Shpg. wt. 16 lbs. **\$5.88**
Your Cost



Mail Your Orders to NEW YORK or ATLANTA



RANGER MODEL 640-740 FREE POINT ANALYZER



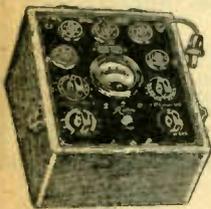
Combination free-point tester and volt-ohm-milliammeter. Complete in every detail for extensive voltage, current or resistance tests, either by direct contact with sockets or by the free-point plug-in method. Includes Triplett square-type, precision meter reading: 0-10-50-250-500-1000 volts, a.c., and d.c., at 1000 ohms per volt; (accuracy 2% d.c., 5% a.c.); 1-10-50-250 ma.; low ohms, 0-300; high ohms to 250,000 at 1.5 volts; battery included.

READS UP TO 2.5 MEGOHMS

Rheostat is capable of taking care of 15 volts for readings up to 2.5 megohms. Has five sockets for handling any type glass, metal-glass or metal tube. Panel also includes eight automatic switch type and ten single action jacks. Housed in sturdy metal case with compartments for accessories. Electro-enamel finish with modernistic silver and black panels. 11 1/4 x 7 3/8 x 4 3/8". Model 640-740. Shpg. wt. 15 lbs.

W21467—Shpg. wt. 15 lbs.
Your Cost Complete.....\$26.46

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; meter is protected against damage. Has shadow-type meter for line voltage adjustment. Sloping all-metal lithographed silver and black panel. Quartered oak portable case with cover, 8 3/8 x 8 3/8". For 110 volts, 50/60 cycles a.c. only.

W21468—Shpg. wt. 10 lbs.
Your Cost Complete.....\$17.64

READRITE Model 431 Tube Tester

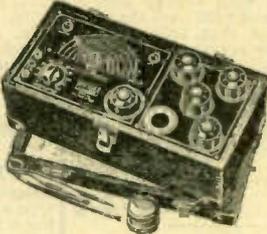
Same as above, but with READRITE "Good-Bad" meter instead of Triplett.

W21469—Shpg. wt. 10 lbs.
Your Cost Complete.....\$14.12

The RANGER-EXAMINER line of test instruments is a new development which, for the first time, brings precision, laboratory-type service equipment within the moderate price class, and so within financial reach of every serviceman and technician.

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 necessary accessories in a black leatherette case, 12x6 1/2 x 5 3/4". Scale is provided for graph calculations for making handy charts. Completely portable.



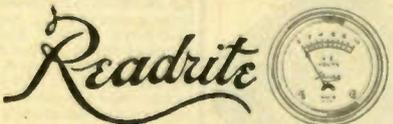
W21470—Shpg. wt. 13 lbs.
Your Cost Complete.....\$17.64

RANGER MODEL 735 POCKET VOLT-OHM-MILLIAMMETER

Here is a complete, actual pocket-size d.c. all-purpose test instrument with selector switch and internal battery. Uses the Triplett D'Arsonval precision meter reading: 0-15-150-750 volts; 0-1.5-15-150 ma.; 0.5-1000 lowohms; 0-100,000 high ohms at 1.5 v. Accuracy within 2%. Zero adjustment and provision for external batteries for higher resistance readings. Housed in sturdy molded black case, 3 1/2 x 5 1/4 x 2 3/8" high. Attractive silver and black panel. Test leads with alligator clips and battery included.



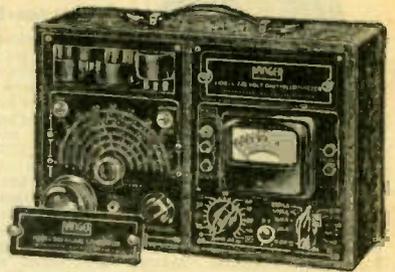
W21471—Shpg. wt. 4 lbs.
Your Cost Complete.....\$10.58



MODEL 55 PANEL METERS

Are of the flush-mounted, clamp-on type, requires a 2 1/4" hole. Handsomely finished in bright nickel. All have narrow rim. D.C. units are the polarized vane, solenoid type. A.C. are double-vane repulsion type. Scales, black lithographed on white.

RANGER MODEL 540-740 SIGNAL GENERATOR-METER



Every service man will want this combination direct-reading all-wave signal generator and volt-ohm-milliammeter. Compactly built, the two instruments are housed in a sturdy metal case, 11 1/4 x 7 1/8 x 4 1/8", with attached handle for portable use. With this instrument the serviceman can locate most of the troubles common to radio receivers and do alignment work as well. Contains a Triplett precision instrument with an accuracy of 2% on d.c., and 5% on a.e.

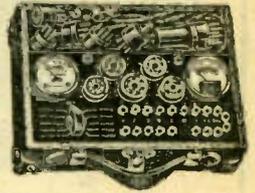
IS COMPLETELY SHIELDED

All voltage readings are had at 1000 ohms per volt; 0-10-50-250-500-1000 volts a.c., and d.c., 0-1-10-50-250 ma., 0-300 low ohms, 0-250,000 high ohms at 1.5 volts. The signal generator is direct-reading and uses five plug-in coils to cover 110 to 20,000 kilocycles in fundamentals. The unit is furnished complete with instructions, charts, tubes and batteries.

W21472—Shpg. wt. 21 lbs.
Your Cost Complete.....\$35.28

READRITE 720A TESTERS

Point-to-point tests through an 8-conductor cable on all glass and metal tube sets. D.C. scales are: 15-150-300-600 volts. A.C. scale: 10-25-150-750 v. Measures ohms and capacitance.



Complete with instructions and accessories. Leatherette case 11x8x4 1/4".
W21473—Wt. 11 lbs.
Your Cost Complete.....\$14.70

READRITE Model 730A Tester

As above, but with Triplett 1000-ohm per volt meter; with ohm scale.

W21474—Your Cost.....\$18.23

READRITE Model 710A Tester

Similar to 720A, but has three meters.

W21475—Shpg. wt. 10 lbs.
Your Cost Complete.....\$16.17

READRITE Model 712A Tester

Similar to model 710-A, but uses Triplett 1000-ohm/volt d.c. voltmeter; ohm scale.

W21476—Shpg. wt. 11 lbs.
Your Cost Complete.....\$21.76

D.C. VOLTMETERS

A wide flange, (described on this page), can be used with these instruments if so desired.

Stock No.	Range	Resis. Ohms	Your Cost
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	1.94
W11063	0-100	6500	.88
W11064	0-100	30888	1.94
W11065	0-150	9750	1.03
W11066	0-150	46320	\$1.94
W11067	0-300	92640	
W11068	0-500	154400	\$2.65
W11069	0-60-300	92640	

D.C. MILLIAMMETERS

Stock No.	Range	List	Net
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	0-200/100	2.00	\$1.18
W11110	0-15/150	2.00	

D.C. AMMETERS

Stock No.	Range	List	Net
W11081	0-1	1.00	
W11082	0-3	1.00	
W11083	0-5	1.00	
W11084	0-10	1.00	
W11085	0-1	1.00	
W11086	3-0-3	1.00	
W11087	6-0-6	1.00	
W11088	10-0-10	1.00	
W11089	20-0-20	1.00	

A.C. VOLTMETERS

The flange described at right covers these units from narrow to wide-flange instruments.

Stock No.	Range	List	Net
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

A.C. AMMETERS

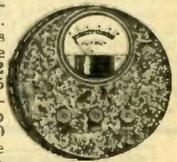
Stock No.	Range	List	Net
W11081	0-1	\$2.75	
W11082	0-3	2.75	
W11083	0-5	2.75	
W11084	0-10	2.75	
W11085	0-50	3.25	

A.C. MILLIAMMETERS

Stock No.	Range	List	Net
W11087	0-50	\$2.75	
W11088	0-100	2.75	
W11089	0-250	2.75	
W11090	0-500	2.75	

OUTPUT METERS

Used in aligning r.f. and i.f. circuits. Has copper-oxide rectifier. 2 ranges: 0-5 volts for connection to voice coil; 0-50 volts for plate of tube. On metal panel with jacks and test leads. Wt. 4 lbs.



W11038—Your Cost.....\$4.27

Wide Flanges

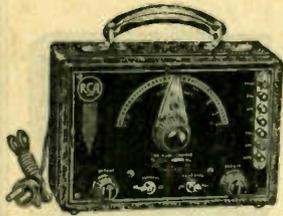
2 3/4" outside diam. Black enameled finish. Fits all 55's or similar units



W11041—9c Each

RCA Test INSTRUMENTS RCA

Audio Beat Frequency Oscillator



The RCA Beat Frequency Oscillator is ideal for any application requiring a source of a.c. of frequencies ranging from 30 to 15,000 c.p.s. Features include the use of four acorn tubes, reducing space requirements and permitting efficient arrangement of components; a neon lamp provides an accurate check of dial readings against the line frequency; dial controlled by a 5:1 ratio vernier. Used for measuring receiver and amplifier fidelity, checking transformer frequencies, making frequency measurements and a host of others. Range is from 30 to 15,000 c.p.s. (within 1 db from 120 to 10000 c.p.s.; down 3 db at 30 c.p.s. and down 2 db at 15000 c.p.s.). Max. output 60 milliwatts. Accuracy: 5% from 1000 to 15000 c.p.s., 10% from 30 to 1000 c.p.s. Output impedances 250, 500 and 5000 ohms center tapped to ground. Tubes used: 2-955's, 2-954's, 1-84, 1-neon lamp. In portable steel case 6 1/4 x 9 3/4 x 4 1/2". Black wrinkle finish. For operation on 110 volts, 50-60 cycles a.c. Shipping weight 11 lbs. RCA No. 9639.

W21456—Your Cost, Complete with Tubes **\$64.50**

Piezo-Electric Calibrator

An accurate instrument for calibrating receivers, test oscillators and laboratory apparatus. Consists of a crystal oscillator, properly ground and accurately calibrated. Checks frequencies from 100 kc. to 20,000 kc. in 100 kc. steps; 100 kc. to 50,000 kc. in 1000 kc. steps. Each of these has prolific harmonics which can be used. Each instrument individually calibrated; guaranteed accuracy 0.5%. Provision for unmodulated operation provided. Amplifier uses type 955 acorn tube. Operates on 110 volts, 60 cycles a.c. In Bakelite case 5 1/2 x 3 1/4 x 2 1/2". Shpg. wt. 2 lbs. RCA No. 9572.

Piezo Calibrator, with tube. **\$29.95**
W21452—Your Cost.....



Cathode Ray Oscillograph

The oscillograph makes use of the type 906 cathode ray tube. It is indispensable for measuring frequency and magnitude of hum, percentage of modulation, for examining wave forms, aligning receivers, etc., etc. Incorporates two amplifiers, for vertical and horizontal sensitivity, and both have uniform frequency range from 20 cycles to 90 kilocycles. A switching arrangement permits throwing amplifiers into and out of the circuit. Timing axis has range from 20 cycles to 15,000 cycles, and is controlled from the front panel. The amplifier feeding the horizontal axis may be used to amplify the timing oscillator. Provision is made for both internal and external synchronization and both vertical and horizontal beam shift, so as to obtain an image with proper framing. Oscillograph is housed in a metal cabinet finished in black crackle and provided with a carrying handle. Amplifiers use: 1-879, 1-885, 1-80, 2-57's. Operates on 110 volts, 50-60 cycles a. c. Power consumption 85 watts. Size: 10 1/2" high, 6" wide and 16" deep. Shipping weight 25 lbs.

W21455—RCA Cathode Ray Oscillograph, type TMV-122B. Complete with all tubes and 906 Cathode Ray Tube and detailed operating instructions. **\$84.50**

Your Cost.....

RCA Frequency Modulator

For aligning receivers with the RCA Oscillograph. Provides the necessary frequency variation and the a.c. synchronizing voltage. Combined motor-driven a.c. generator and variable capacitor. Two ranges 22.5 and 45 mmfd. 25 sweeps per second. 14" low capacity cable supplied. The generator frequency is two cycles per revolution permitting positive synchronizing for double sweep alignment. The generator voltage is 1.5 volts minimum. Current consumption is 25 watts. 8 1/2 x 9 3/4 x 4 1/2". Shpg. wt. 8 lbs. RCA Part No. 9558. Shpg. wt. 8 lbs.

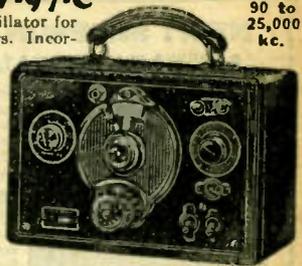
W21450—Your Cost..... **\$27.50**



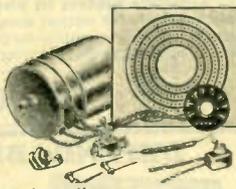
Test Oscillator TMV-97-C

A compact, self contained r.f. oscillator for use with all types of radio receivers. Incorporates all equipment necessary for use with oscillograph. Range covers from 90 to 25,000 kc. (3300 to 12 meters) in 8 steps. Individual coils for each range. Dial calibrated in frequency and is accurate to within plus or minus 3%. Dial has vernier adjustment allowing ratios of 6:1 and 20:1. Circuit employs two 30 tubes and requires one 22 1/2 volt "B" battery and one 4 1/2 volt "C" battery. Signal modulated or unmodulated. In black wrinkle finished aluminum case 8 1/2 x 9 3/4 x 4 1/2". Shpg. wt. 3 1/2 lbs.

W21453—Oscillator with tubes, less batteries. **\$34.50**
Your Cost.....
W20108—4 1/2-volt "C" battery **23¢**
Your Cost.....
W20106—22 1/2-volt "B" battery **66¢**
Your Cost.....
TMV-97-C Oscillator with ±1% calibration at additional \$5.00



Modernization Kit



Contains all parts necessary to convert TMV-97-B oscillators for use with the oscillograph and frequency modulator. Includes the shielded coil assembly, sweep circuit jack, "Hi-Lo" switch, modulation switch, dial scale, escutcheon plates and all necessary resistors. Instructions included. Shpg. wt. 2 lbs.

W10562—Your Cost **\$5.67**

Beat Freq. Oscillator

For use with any short-wave super-het having an intermediate frequency between 415 and 700 kc. Receiver must also be able to supply power for an additional tube filament. Just three wires to connect. For 2.5 volt sets, use a 58 tube; a 6D6 with 6.3 volt sets. Unit is of the electron coupled type. Control rod varies the pitch of the note. Entire assembly on metal chassis 7 1/2 x 7". Full instructions included. Shpg. wt. 7 lbs.

W21454—Oscillator, less tube. Your Cost **\$7.50**



"Glow Tube" Output Indicator

A small, compact visual output indicator designed for use with an oscillator when aligning radio receivers. Consists of a tapped step-up transformer, a potentiometer, a glow tube and three binding posts for connecting the output of the set to the transformer. Output impedances: 0.6, 1.5 and 4 ohms. Glow tube is extremely sensitive. Bakelite case. Size 5 1/2 x 2 1/2 x 2 1/2". Complete operating instructions furnished. Shpg. wt. 2 lbs.

W10595—Your Cost **\$4.00**



Universal A. C. Bridge

Designed for service engineers, laboratories, experimenters, etc. Consists of a variable ratio arm Wheatstone Bridge having three standards each for inductance, capacitance and resistance. Measures inductance from 100 microhenrys to 10 henrys; capacity from 10 micro-microfarads to 10 mfd.; resistance from 1 ohm to 1 megohm. A vacuum tube 1000 cycles oscillator and two stage amplifier, together with their power supplies are built in. A nine position switch allows selection of desired range. Only additional equipment necessary is a null indicator (single high imp. headphones). Tubes: 1-25Z5, 1-76, 1-6F7. All scales etched on aluminum panel which also contains all controls. For 110 volts a.c., 25 to 60 cycles. In portable aluminum case 6 1/2 x 9 3/4 x 4 1/2"; black wrinkle lacquer finish. Shipping weight 7 lbs.

W21451—Universal a.c. Bridge, with tubes. **\$49.65**
Your Cost.....



CI Precision Volt-Ohmmeter



Ideal for all ordinary service work. Employs a moving coil type meter and provides the following ranges: 0.5/50/500 volts d.c.; 0 to 500,000 ohms. Batteries enclosed. Accuracy 2%. Ohmmeter has zero adjustment. 1000 ohms per volt. Supplied with 30" test leads. In black Bakelite case 1 3/4 x 2 1/4 x 3 1/4". Shpg. wt. 4 lbs.

W11460—Your Cost..... **\$7.78**

CI Portable Volt-Ohmmeter



A convenient pocket sized volt-ohmmeter practical for service work. Voltage range 0 to 300 volts d.c.; resistance range 0-10,000 ohms. Magnetic-vane type meter. Change from volts to ohms by means of toggle switch. Round seamless black case 3" in diameter by 1 1/2" deep. Has self-contained batteries. 30 inch test leads. For all ordinary service work. Shpg. wt. 2 lbs.

W11451—Your Cost..... **\$2.30**

CI Simplex Volt-Ohmmeter



A handy pocket size volt-ohmmeter. Uses a magnetic vane type meter and provides the following ranges: 0.3/30/300 volts d.c.; 0 to 10,000 ohms. Includes self-contained batteries. All scales etched directly on panel. Housed in walnut Bakelite case. Complete with test leads. Overall size: 1 3/4" deep, 2 1/4" wide, 3 3/4" high. Shpg. wt. 4 lbs.

W11452—Your Cost..... **\$3.23**

To Speed Handling of YOUR Order -- Use Our Order Blank

Modern all PURPOSE Test Instruments

NEW! SIMPSON ROTO ANALYZER A SEPARATE SCALE FOR EACH RANGE!



Gone is the complicated scale, the necessity for quick, mental arithmetic, the difficulty in reading, the cramped calibrations and the possibility of errors. The new roto-dial has twelve independent scales.

AUTOMATIC IN ACTION

The selector is turned for the desired range and automatically and simultaneously moves into place a scale for that range—clear, legible, quickly and easily read. This new, revolutionary meter is incorporated in a complete analyzer for trouble-shooting on the very latest type of receivers.

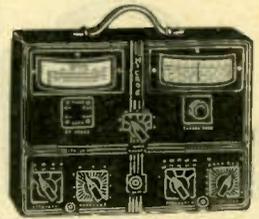
The following ranges, ordinarily found jammed onto a single scale, each occupy its own scale: D.C. volts, 0-8, 0-130, 0-1000; a.c. volts, 0-8, 0-300, 0-1000; d.c. milliamperes, 0-1, 0-8, 0-130; 0-100 ohms (center scale 5); 0-50,000 ohms (center scale 1400); 0-2 megohms (center scale 21,000). The equivalent of 12 separate meters in one instrument! All a.c. voltage ranges are available for output measurements. Makes all socket measurements as well as point-to-point. Supplied complete with cord and plug, adaptors, prods, carrying case and complete accessories.

W21499—With instructions. Shpg. wt. 15 lbs.
Your Cost Complete

\$48.02

Hickok Radio-Audio Oscillator Model OS-10

A thoroughly modern all-wave oscillator using an electron-coupled oscillator covering 85 kc. to 50 megacycles in 7 ranges, calibrated to an accuracy better than 1/2 of 1%. The output is adjustable from 1/2 micro-volt to 3 volts. Two dynatron audio oscillators supply modulation, one fixed at 400 cycles and the other adjustable from 0 to 10,000 cycles. An output meter calibrated in decibels from -10 to +15 db. and 12 to 40 db. provides gain and loss measurements across 400 ohm line or through a capacity connection directly to the plate of a tube. The oscillator is provided with an r.f. corrector to insure direct reading on the dial. This method permits an accuracy of 0.2 of 1%.



HAS BUILT-IN POWER SUPPLY

The oscillator uses one type 41, one type 6C6, one type 6D6 and one type 1V tube. All tubes are operated sufficiently below their rated voltages to insure long life and uniform service. The unit contains its own power supply which operates from any 110 V. 40 to 65 cycle a.c. line. Each oscillator comes completely equipped with all necessary connecting cables. Complete operating instructions are provided. Size 11" wide x 9" high x 5 1/2" deep. Shpg. wt. 16 lbs.

W21494—List Price \$50.00
Your Cost

\$47.04

DEPENDABLE 403A MULTI-TESTER



A compact multi-range tester of exceptional sensitivity (2000 ohms per volt) at a truly phenomenal price. Voltmeter ranges are: 0-5-50-250-750 d.c. volts. Milliammeter range: 0-50 ma. Microammeter range: 0-500. Ohm-

meter ranges 0-2000-200,000-2,000,000 ohms. 2% accurate. Shpg. wt. 5 lbs.

W10466—Complete with batteries.

Your Cost

\$13.67

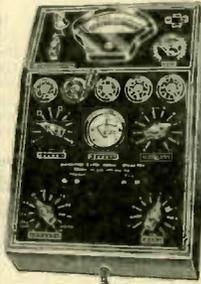
Knoekdown kit model 403AK.

W10467—Less batteries and case.

Your Cost

\$10.44

DEPENDABLE TUBE TESTER MODEL 305C



An attractive, efficient and quick-testing tube checker for dealer or service man; tests all tubes, including the metal 8-prong types. It incorporates a large 5" bakelite fan type meter with an English reading scale. Includes separate line-voltage meter with voltage controls. Ohmmeter, continuity tester and Condenser Tester are included. Measures resistances from 10 to 1,000,000 ohms—no batteries required. Indicates good, open, shorted and leaky condensers—measures actual capacity. Available complete or in kit form. Shpg. wt. 10 lbs.

W21495—

Your Cost

\$21.47

W21496—Kit complete with instructions.

Your Cost

\$17.29

DEPENDABLE MODEL 305P TUBE TESTER

Incorporates the same technical features as model 305C above, but designed for both portable and counter use. Cover is removable, and compartment is provided for tubes and tools. An ideal instrument for the small dealer-serviceman. Shpg. wt. 10 lbs.

W21497—Complete with instructions.

Your Cost

\$24.00

DEPENDABLE 405 VOLT-OHMMETER



Model 405A

Here is the instrument the serviceman, sound technician and experimenter should have.

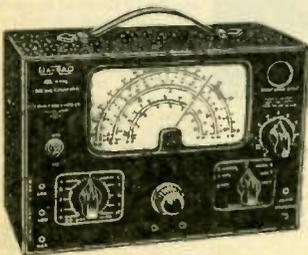
An accurate multi-range instrument reading from 0-1000 and 0-100,000 ohms. Movement guaranteed 2% accurate. Four voltage ranges 0-2.5; 0-25; 0-125 and 0-750. Current

ranges of 0-2.5 and 0-125 milliamperes. Complete with self-contained batteries. An ideal portable instrument for serviceman, dealer, experimenter or amateur. Complete with batteries.

W10464—
Your Cost

\$8.57

DAYRAD SERIES 36A SIGNAL GENERATOR



All-wave range from 60 to 60,000 kc., on fundamentals only. Each band has a separate set of coils and each band is individually calibrated—6 ranges. New output indicator using 6E5 cathode-ray tube provides quick adjustment without meter. Employs one 6C6 r.f. electron-coupled oscillator, one 37 audio oscillator and one 37 rectifier. All circuits individually shielded—high and low outputs—Faraday shield isolates a.c. lines—has 400-cycle audio signal for modulation or external In black crystalline case 10x7x4 1/2".

Complete with all tubes. For 110 cycle a.c.

\$36.00

HICKOK WATT METER Model 4783



While the possession and use of a watt-meter has never been stressed among radio servicemen, it is an instrument that should be in every shop.

Ideal for servicing refrigerators, washers, radiators, motors and electrical appliances. A dependable high grade dynamometer instrument to withstand hard use in testing by indicating watt load to compare actual wattage consumption with rated specification. Complete with double ended attachment cord and plugs. Range, 0-750 watts.

W21500—

Your Cost

\$16.76

RACO All-Wave 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 1/2 lbs.

W21502—With instructions.

\$15.60



DEPENDABLE Master Multi-Tester

Model 410



A super test instrument for the man who wants the most complete unit available. Measures d.c. voltage and currents; a.c. voltage and currents; capacity, decibels; and output. Accurately measures resistances from 1/2 ohm to 40 megohms. Includes 5 a.c. voltage ranges; 5 individual d.c. voltage ranges; 6 d.c. current ranges; 5 individual capacity ranges from .0001 to 300 nf.

Incorporates Db ranges

A.c. and d.c. voltages: 5, 25, 100, 250, 1000. A.c. and d.c. currents: 500 microamperes, 5, 25, 100, 250 ma., 2.5 amps. Capacitance: .03, .3, 3, 30, 300 mfd. Resistance: 1000, 10,000, 1,000,000 ohms, 10, 40 megohms. Inductance: 25, 1000 millihenrys, 25, 10, 1000, 10,000 henrys. Decibels: -15, +9, +24, +35, +40 db. The five-inch fan-type meter provides 2000 ohms per volt sensitivity on d.c., and 1800 ohm per volt sensitivity on a.c. Complete with test prods in a fine quality carrying case. Handsomely engraved panel. No external batteries required. Extremely simple to operate. Size 10 1/2 x 11 1/2 x 5 1/4".

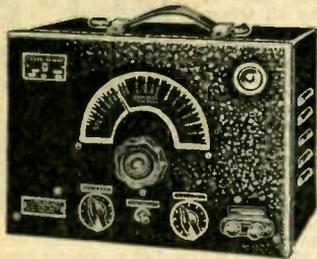
W21501—
Your Cost Complete

\$30.87

WHOLESALE RADIO SERVICE CO.—NEW YORK—CHICAGO—ATLANTA—NEWARK—BRONX

Clough-Brengle-TEST INSTRUMENTS

MODEL 79-A AUDIO SIGNAL GENERATOR



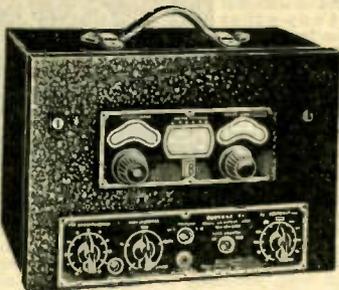
This improved version of a popular instrument introduced by Clough-Brengle to the service field now features air-tuned oscillator inductors, the type 6E5 cathode-ray tube for zero-beat indication, continuous calibration from 50 to 10,000 cycles and less than 1 db variation of voltage output across the entire frequency range. Wave form is guaranteed to contain less than 5% distortion, which is less than can be observed by eye and well within tolerance.

OUTPUT—150 MILLIWATTS

It features higher power output, plus 14 db or 150 milliwatts (27 volts across 5000 ohms). This makes possible direct application of the 79-A to uses requiring external amplification of the usual audio oscillator. It is contained in an all-metal baked crystalac carrying case with leather handle on top. Tubes are a 6C5 150 kc. r.f. oscillator, a 6C5 demodulator, a 6E5 output amplifier, a 6Z4 rectifier and a 6E5 indicator. Size, 9" high, 13" wide, 10" deep. Wt. 20 lbs.

W21457—Model 79-A beat note audio signal generator complete with all tubes and complete instructions. **\$52.67**
Your Cost

MODEL 99 R.F. SIGNAL GENERATOR

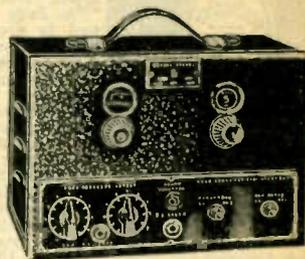


This instrument provides a calibrated output (in microvolts) for the accurate measurement of receiver sensitivity and gain. It employs a circuit providing uniform voltage output from 100 kc. to 20 mc., readable directly in microvolts. The patented rotor-inductor assembly provides a frequency range of 100 kc. to 60 mc. on fundamental output without the use of band changing switches or plug-in inductors.

CHECKS SET PERFORMANCE

Other important features found in this instrument are variable percentage of modulation, pure sine wave audio output and modulation, and attenuator for audio output. The model 99 employs both glass and metal tubes, a 6C5 as r.f. oscillator, a 6N7 as a.f. oscillator and a type 84 as a rectifier. Frequency is read direct on a 25" dial. Accuracy is within 1/2 of 1%. Double shielded case. For 110 volts, 50/60 cycles a.c. **W21458**—Model 99 signal generator complete with all tubes. Wt. 19 lbs. **\$43.02**
Your Cost

MODEL OC-A R.F. SIGNAL GENERATOR



A precision instrument hand calibrated against a crystal oscillator. Continuously variable from 100 kc. to 30 mc. on a fundamental output. Improved power circuit completely eliminates line feedback. A new ladder type attenuator gives calibrated output ratios and absolute control to less than 1/2 microvolt. The 25-inch dial scale is several times longer than that of any open face type instrument. Five hand-drawn, 8 1/2 x 11", calibration curves are supplied.

ACCURATE WITHIN 1/2 OF 1%

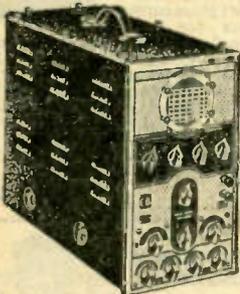
Employs a 6C5 as r.f. oscillator, a 6C5 as a.f. oscillator and an 84 as rectifier. Provides unmodulated r.f., 400-cycle modulated r.f., and 400-cycle a.f. Housed in crackle-finished case with handle.

W21459—Model OC-A for 110-volt, 50/60-cycle a.c. operation; with all tubes. Shpg. wt. 15 lbs. **\$29.35**
Your Cost

W21460—Model OC-B, as above, but for a.c.-d.c. 110-volt operation. **\$29.35**
Your Cost

W21461—Model OD-A complete with all tubes for battery operation. **\$29.35**
Your Cost

MODEL CRA CATHODE-RAY OSCILLOGRAPH



Is complete for every servicing, experimental and transmitting radio need as well as industrial application. Permits study of wave forms of frequencies at 100,000 cycles or higher. Combines in a single housing two input amplifiers, linear sweep circuit and power supply for all tubes. Employs a 906 (3") cathode-ray tube, a 57, a 2A5, an 885, an 80 and an 81.

Uses Calibrated Screen

Housed in a black baked crystalac carrying case with etched black and aluminum front panel. Size 14 1/2" high, 17 1/2" deep, 8" wide. Furnished complete with 60-page instruction manual and removable calibration screen. Power supply operates from 110 volts, 50/60 cycles a.c.

W21462—Model CRA oscillograph with all tubes and instruction manual. Shpg. wt. 32 lbs. **\$82.80**
Your Cost

FREE! With each C-B Oscillograph, a copy of "Cathode Ray Testing and Analysis."

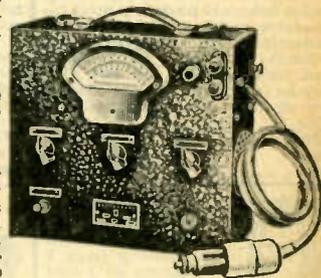
MODEL 88 V.T. AND PEAK VOLTMETER

Operates as a vacuum tube voltmeter with direct to grid connection over a 0-1.2 volt range, and as a peak voltmeter with self-contained power supply over the ranges of 0-10-100 volts. Used wherever voltage readings must be taken with no current drain.

Uses Metal Tube

The C-B 4 1/2" fan-type meter with green case is used, giving good readings on potentials as small as 0.1 volt. The 6F5 metal tube is mounted on a 30" cable. Accurate when measuring potentials on any frequency up to 30 mc. In baked crystalac metal case. Shpg. wt. 16 lbs.

W21466—For 110-volt, 60-cycle a.c. **\$41.67**
Your Cost Complete



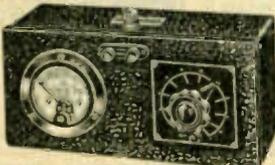
NEW MODEL OM-A "INDUCTOR SWEEP"

A midjet synchronous motor provides a frequency "wobble" plus or minus 20 kc. from oscillator frequency. Can be used with above or any oscillograph. Incorporates a straight oscillator and Roto-Inductor assembly, 400 cycle modulation and audio output. Complete with metal tubes. For 110 volts, 50/60 cycle a.c. Shpg. wt. 30 lbs.

W21463—OM-A signal generator as described. **\$56.60**
Your Cost

W21464—81-A frequency modulator with tubes; for any oscillograph using "Inductor Sweep" principle. **\$33.57**
Your Cost

MODEL UD-A POWER LEVEL INDICATOR



Reads directly in decibels from minus 12 to plus 40. New high speed meter movement shows peaks not observable with ordinary sluggish instruments. Constant impedance attenuator of 5000 ohms. Correction charts supplied for bridging loss on any line. In carrying case 4 1/2 x 5 1/4 x 10 1/4" long. Wt. 6 lbs.

W21465—Model UD-A power level indicator. **\$24.10**
Your Cost

Invaluable for the sound technician—P.A. and theatre—laboratory, college and serviceman.

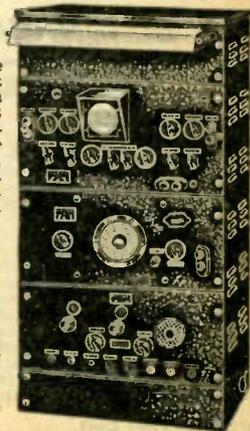
COMPLETE SERVICE LABORATORIES

Now you can equip your shop with one convenient, prestige-building cabinet containing the exact C-B instruments that best meet your needs. Each C-B instrument listed on this page, is available in rack-mounting style to fit your own standard 19" rack or the model 94 Laboratory Cabinet illustrated herewith. You can start with a single instrument and add as your shop requirements grow and finances permit.

A REAL LABORATORY

The cabinet holds standard 19" rack-panels to a total panel height of 37 1/2 inches (a maximum of three C-B instruments); maximum depth 11 inches. A handsome Lualumite fixture which illuminates the entire front is also available.

For Complete Details Write For Free Bulletin



RELIABLE EQUIPMENT AT REASONABLE PRICES



WESTON Selective Analyzer



Models 665-1 665-2

Available in two types. No. 2 is a "Pin Jack Model" and is illustrated. No. 1 employs a rotary switch for a more rapid selection of ranges.

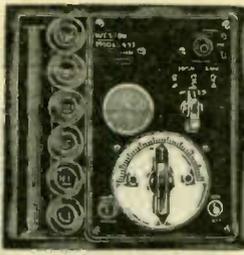
Both models have the following selection of a.c.-d.c. voltage ranges: 1,000, 500, 250, 100, 50, 25, 10, 5, 2.5 and 1, all with a sensitivity of 1,000 ohms per volt. The current ranges of the Type 2 Pin Jack Analyzer are: 500, 100, 50, 25, 10, 5, 2.5, and 1 ma., d.c. only. Current ranges of the Type 1 Analyzer are the same except that measurements may be taken up to 1,000 ma., d.c. only. Resistance measurements may be made from 1 ohm to 1 megohm. Ordinary a.c. measurements and output readings made possible by use of a copper oxide full-wave bridge rectifier. Entire assembly mounted in attractive metal case. Shpg. wt. 7 lbs.

W21524—Model 665-1 less carrying case. **\$52.50**
W21525—Model 665-2. Less Carrying case. **\$48.75**
W21526—Portable Carrying Case for above meters. **\$3.75**

WESTON OSCILLATOR

Model 692

The servicing scope of this instrument is greater than that of any other similar unit ever offered. Includes such attractive features as: All frequencies—from 100 kc. to 22 megacycles. Low minimum signal—special attenuator system—attenuated below 1 microvolt, permitting alignment of a.v.c. receivers below the a.v.c. point. Presents constant 200 ohms impedance to receiver allowing set to function normally while being aligned. High maximum signal approximately 0.2 volt, necessary to drive an i.f. signal through a receiver from ANT. and GND. posts. Battery operation—permitting complete portability and usefulness under all conditions. Percentage of modulation is 50% at all frequencies. Hand calibrated curves. External modulation permitting use of phonograph for determining a.f. characteristics of receivers in conjunction with RCA constant frequency records for studying. Shpg. wt. 14 lbs.

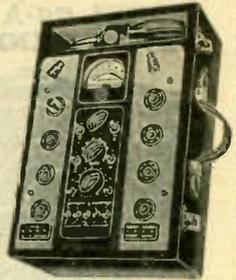


W21527—Less portable case. **\$45.00**
W21528—Portable Case for above. **\$3.75**

WESTON CHECK MASTER

Model 771

A new tube checker for portable or counter use—it checks all tubes; measures circuit voltages; indicates condenser leakage; and makes resistance set analyses. It combines in one unit a reliable tube tester and a complete servicing instrument. It measures a.c. line voltage, indicating variations from 105 to 135 volts. It has three d.c. voltage ranges: 0-10, 100 and 1,000; and an ohmmeter covering the range of 0-2,000,000 ohms. In testing tubes the neon short checker permits tests to be made while the tubes are hot. Tubes are tested by one of three classifications; either battery—cathode or diode types. A filament return selector takes care of all filament problems, both in the glass and the metal type tubes. The double service offered by this instrument makes it extremely useful as a portable servicing unit—complete in itself. It takes the place of other set analyzers. Size, complete in portable case, 14 1/2 x 9 3/4 x 6". Shipping weight 16 lbs.



W21529—Your Cost **\$45.00**

WESTON Socket Selectors Model 666-1B



For use with either Model 665-1 or 2 to form a complete testing analyzer. Eliminates obsolescence

of equipment. The Model 666-1B Socket Selectors provide a most inexpensive and practical means for modernizing analyzers not equipped to handle 7 or 8 prong tubes. When used with analyzer, the test plug may be inserted into any socket of any chassis. With instructions. Shpg. wt. 3 lbs.
W10571—List \$19.00.
Your Cost \$14.25

WESTON Model 780 Capacity Meter



A new reasonably priced multi-range capacity meter—small enough to fit in your pocket. Operates on any 115 volt, 60 cycle a.c. line. Tests electrolytic as well as paper condensers. Ranges: full scale value—20; 2; 0.2; 0.02 microfarad; reads down to 0.0001 mfd. Line voltage adjuster knob is provided to permit accurate measurements to be made on any a.c. 60 cycle line. 50" test prods and cords are provided. Is equipped with internal transformer to insulate the instrument from line.

W21530—Your Cost **\$22.50**

WESTON Model 564-3C Volt Ohmmeter



A small compact Volt - Ohmmeter with ranges of 0-3, 30, 300, 600 volts, and resistance ranges of 1000; 100,000 and 1,000,000 ohms. Supplied with self-contained battery and 60" test leads. A control is provided to compensate for drop in battery voltage. Two toggle switches select ohmmeter ranges and change circuit for voltage or resistance measurements. Shpg. wt. 3 lbs. Type 3C—bakelite case 5 1/2 x 3 1/4 x 3".

W10554—List Price \$37.50.
Your Cost \$28.13

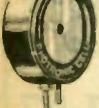
WESTON Model 695-3A Power Level & Voltmeter



Designed for power level measurement work in servicing all types of sound equipment and radio receivers where readings are desired in decibels. Designed for 500 ohm line—chart gives corrections for loads from 5 to 50,000 ohms. Voltmeter—2,667 ohms-per-volt—ranges 1.5; 6; 15; 60 and 150 read directly on the voltmeter scale; instrument is a medium speed type. Decibel ranges —8; —4; 0; +4; +8; +12; +20; +24; +28 and +32, above or below 6 milliwatts.

W21531—Shpg. wt. 6 lbs.
Your Cost \$27.00

WESTON Photronic Cell



Current varies with light intensity from 1 microampere on 1 foot candle to approximately 5 milliamperes in daylight. Bakelite case 2 1/4" in diameter and 1" thick. Has multitude of uses for research, photography, relay work, etc., etc. Shpg. wt. 1 lb.

W14139—Your Cost Each. **\$7.50**

PESE Photo Cell and Supersensitive Relay



A photo-conductive cell that varies its resistance from dark to bright light at a ratio of approx. 18 to 1. Will pass 150 microamperes at 90 volts. This is sufficient current to operate moving-coil relays without amplification. Relay is sensitive enough to operate with as little as 1 milliamperere. Secondary contacts will handle up to 1 ampere, 3000 ohms d.c. resistance. Complete instructions. Shpg. wt. 2 lbs.

W14187—Photo Cell—Your Cost **\$1.50**
W14188—Relay—Your Cost **3.00**
W14186—Drilled panel and chassis for above. **.75**

TACO Resonance Indicator



An all purpose test instrument utilizing the 6E5 tube. Circuit employs two 6H6 metal tubes, one as plate supply, the other as linear diode detector. Can be used to align r.f. and i.f. stages.

W10900—Less tubes **\$6.76**
Your Cost

EBY ELECTRIC EYE AND SENSITIVE RELAY

Model E-12 Cell

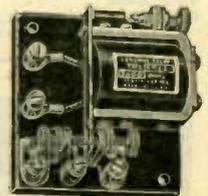


The model E-12 photo-cell consists essentially of 2 metal electrodes hermetically sealed in Bakelite between which a light-sensitive material is exposed to incident light rays, behind a glass window. The cell is unaffected by continuous exposure to light, it reacts both to the intensity and frequency of incident light rays. Entirely electronic in action, its operation depends upon the light sensitive material to emit the electrons which are proportional in number to the incident light rays striking the cell. It is 1.35" long and 1 1/4" in diameter; maximum voltage 250, recommended 150; maximum current, 200 microamperes; window area, .11 square inches; sensitive to both visible and invisible light; fits standard four-prong socket; performs functions accurately completed in one ten-thousandth of a second. Shpg. wt. 2 lbs.

W14170—Your Cost **\$3.25**

Model ER-12 Relay

The ER-12 relay is designed for direct current (and full- or half-wave rectified current) control circuits where the available power for operation is relatively small. Its low power consumption for positive operation makes it ideal for installation in photo-electric control equipment, vacuum-tube amplifier circuits and to protect delicate contacts of sensitive control instruments. Standard value of coil resistance is 1000 ohms; 2500, 5000 and 10,000 ohms are available on order. Rated at 11.25 milliwatts—can be operated on as little as 1.25. Sterling silver contacts carry 2.5 amperes at 115 volts a.c., or 1.5 amperes, 115 volts, d.c. Switch is single-pole double-throw. Shpg. wt. 2 lbs.



W14171—Your Cost **\$4.23**

EXPERIMENTAL KIT

Designed for home or workshop experimentation. Can be used in opening doors, making burglar alarms, counting, controlling, lighting, and in literally hundreds of other applications. Kit includes: Eby E-12 Electric Eye, tube and eye sockets, relay, resistors, condensers, twin binding posts.
W14185—With literature. **\$9.75**
Your Cost Complete

Keep Your Testers and Sets Up-To-Date Latest ANALYZER PLUGS and ADAPTERS

Adapters for Testing All-Metal and Octal-Base Glass Tubes



These adapters are recommended for checking the complete series of metal and metal-glass tubes. In addition a series of adapters are presented for checking metal and metal-glass tubes in tube checkers of the earlier types which have no provision for the octal base tubes. By inserting them in the sockets of other types designated, the desired tests are made. Each adapter is identified by a colored dot as indicated below.

- W11737**—For testing 5Z4, 5Y3 and 5W4 in 80 type socket—red dot.
 - W11752**—For testing 6C5, 6D5 in 41 socket; 6L6, 6F6 in 42; 25A6 in 43; 6B6, 6Q7 in 75; 6J7 in 77; 6K7, 6A8, 6L7 in 78; and 6R7 in 85 socket of tester—blue dot.
 - W11756**—For testing 6H6 in 85 socket.
 - W11779**—For testing 6C5 in 37 socket; 6X5 in 84 socket—brown dot.
 - W11780**—For testing 25Z6 in 25Z5 socket—two red dots.
- Your Cost Each, Any of the Above..... 58¢**

- W11747**—For testing 6N7 in 6A6 socket—violet dot.
 - W11753**—For testing 6A8 in 6A7 socket—white dot.
 - W11754**—For testing 6F6 in 75 socket—yellow dot.
 - W11781**—For testing 6P7 in 6F7 socket—two green dots.
- Your Cost Each, Any Above Type..... 58¢**
- W11757**—For testing 6A8, 6C5, 6D5, 6F6, 6J7, 6L7 in 36 socket—orange dot.
 - Your Cost..... 73¢**
 - W11755**—For testing 6H6 in 6F7 socket—green dot.
 - Your Cost..... \$1.18**

Nine-Wire Analyzer Plug and Associate Adapters

New 9-wire Lock-tite octal base plug permits modernization of analyzers to work with all metal tube and all glass tube sets. Adapters fit individual tube sockets of different sizes and number of connections. Plug is locking type. Ideal for those who are building modern test instruments.

ANALYZER ADAPTERS ONLY

Stock No.	Type	Stock No.	Type
W11493	8 to 4	W11496	8 to 7 (small)
W11494	8 to 5	W11497	8 to 7 (large)
W11495	8 to 6		

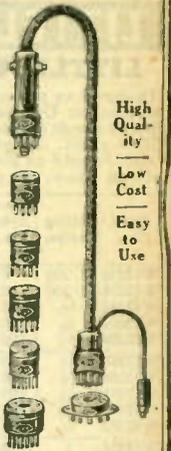
Your Cost Each..... 58¢

W11498—Analyzer Plug Only. **\$1.03**
Your Cost.....

W11492—Analyzer plug wired to 5 ft., 9 wire cable and 8 prong cable plug at other end. **\$2.94**
Your Cost.....

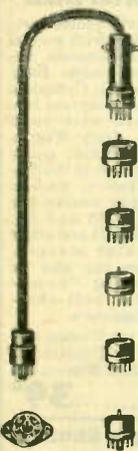
COMPLETE PLUG AND ADAPTER KIT

W11499—Plug with 5 ft. 9 wire cable, grid plug, 8-prong socket for analyzer and adapters, complete—as shown at right. **\$5.88**
Your Cost.....



High Quality
Low Cost
Easy to Use

Lock-On Small-7 Analyzer Plug and Adapters for Glass and Metal Tubes



A complete cable, plug and adapter kit for modernizing old adapters or building new ones. Will test all-metal and glass tube sets. Analyzer plug is small 7-prong. Terminal plug and socket are of 8-prong octal type. 5 ft. attached cable provided and five associate adapters. Shpg. wt. 1 lb.

- W11637**—Complete Kit with attached 5 ft. cable, five adapters and plugs as shown. **\$3.81**
Your Cost.....
- W11638**—Analyzer plug only, no cable. **88¢**
Your Cost.....
- W11639**—Octal cable plug only. **44¢**
Your Cost.....
- W13080**—Octal socket only, for above. **23¢**
Your Cost.....

W11645—Analyzer plug and attached cable, no cable-plug or socket. **\$1.45**
Your Cost.....

LOCK-ON ADAPTERS

Stock No.	Type	Your Cost
W11614	Sm. 7 to 4	44¢
W11613	Sm. 7 to 5	
W11612	Sm. 7 to 6	
W11646	Sm. 7 to 7	

Adapters for Blocked Octal Sockets

- For use with above analyzer plug.
- W11763**—Small 7 to 8-prong octal base.
- W11765**—Small 7 to 8-prong octal, for testing 5Z4, 5Y3, 5W4 tube circuits.
- W11798**—Small 7 to 6-prong octal, for testing 6F5 tube circuits.
- W11799**—Small 7 to 6-prong octal, for testing 6F5 tube circuits.
- W11767**—Small 7 to 7-prong octal, for testing 6F6, 6J7, 6K7, etc., tube circuits. **59¢**
Your Cost Each.....

Headphone-Speaker Switching Adapter

Toggle switch disconnects speaker when phones are in use. Works with any set with 4, 5, 6 and 8 (octal) prong output tubes. Provided with three feet of cable connected to the box which has a d.p.d.t. toggle switch. Phones are automatically connected in the grid circuit. Takes only a minute to install. No rewiring needed. Shipping weight 2 lbs.



For Single Output (Uses One Adapter)		Push-Pull Output (Uses Two Adapters)	
Stock No.	Prongs	Stock No.	Prongs
W11720	4	W11723	4
W11721	5	W11724	5
W11722	6	W11725	6
W11743	8 octal	W11744	8 octal

Your Cost \$ Each..... 1.45 **Your Cost \$ Each..... 1.63**

Metal Tube Socket Adapters



For use with the 9-wire plug listed above, as well as for troubleshooting on all receivers with octal base tubes in which all 8 holes are not punched out on sockets. Uses the R.M.A. numbering system for point-to-point measurements.

- W11782**—8 hole top on 5-prong octal base to test 5Z4, 5Y3, 5W4 tubes.
- W11783**—8 hole top on 5-prong octal base to test 6F5 tube.
- W11784**—8 hole top on 6-prong octal base to test 6C5 tube.
- W11785**—8 hole top on 7-prong octal base to test 6F6, 6H6, 6J7 and 6L7 tubes. **58¢**
Your Cost Each.....

Metal Tube Adapters for Modernizing Sets

These adapters afford the simplest, most convenient method of modernizing receivers without the troublesome procedure of replacing sockets and rewiring the chassis. Merely place the new metal tube in the proper adapter and insert the adapter in the socket previously occupied by the old type tube.

- W11786**—4-prong adapter for replacing 80 with 5Z4 or 5Y3.
- W11787**—5-prong adapter for replacing 6Z4 and 84 with 6X5; 37, 76 with 6C5.
- W11788**—6-prong adapter for replacing 6C6, 77 with 6J7; 6D6, 78 with 6K7; 42 with 6F6; 43 with 25A6; 43MG; 75 with 6B6, 6Q7; 85 with 6R7.
- W11789**—6-prong adapter, color coded red, for replacing 75 with 6F5.
- W11790**—6-prong adapter, colored orange, for replacing 25Z5 with 25Z6, 25Z5MG.
- W11791**—Large 7-prong, for replacing 6A6 with 6N7.
- W11792**—Small 7-prong adapter for replacing 6A7 with 6A8.
- W11793**—Small 7-prong, colored red, for replacing 6P7 with 6P7. **29¢**
Your Cost Each, Any Type.....

Universal Tube Checker Adapter for Metal Tubes



This one unit will permit any tube checker to test all the metal as well as the octal-glass tubes. Two toggle switches allows both plates of rectifier tubes and both sections of "twin" tubes to be tested. Will test:—5Y3, 5Z4, 6A8, 6A8-G, 6B6, 6C5, 6C5-G, 6D5, 6D6-G, 6F5, 6F5-G, 6P6, 6F6-G, 6H6, 6H6-G, 6J7, 6J7-G, 6K7, 6K7-G, 6L7, 6L7-G, 6N7 and 6N7-G. Etched metal plate on top of unit affords permanent instructions. Shpg. wt. 4 lbs. **\$3.82**
Your Cost.....

- W11760**—Your Cost..... **18¢**

Small-7 Analyzer Plug and Adapters

Analyzer plug is 7-prong small, with dual grid cap for glass and metal tubes. 5 ft. 8-wire cable attached. 5 associate adapters including octal. Shpg. wt. 2 lbs.

- W11775**—Plug, dual grid cap and attached cable. **\$1.38**
Your Cost.....
- W11768**—Plug, less cable and grid cap. **44¢**
Your Cost.....

- Associate Adapters**
 - Stock No. Type
 - W11769 Sm. 7 to 4
 - W11770 Sm. 7 to 5
 - W11771 Sm. 7 to 6
 - W11772 Sm. 7 to 7
- Your Cost Each..... 29¢**
- W11773 Sm. 7 to octal..... **59¢**
 - W11774—Complete Kit, cable attached, all adapters, etc. **\$3.15**
Your Cost.....

Adapters for Blocked Octal Sockets

All adapters have small 7-hole tops and octal bases for blocked sockets. **Your Cost Each..... 59¢**

Tube Adapters

- W11593**—Replaces Kellogg overhead heater type tubes with type 27. **44¢**
Your Cost.....
- W11594**—For using UX 2-volt tubes in old UV type sockets. **21¢**
Your Cost.....
- W11618**—For using 59 instead of 47 tubes. **44¢**
Your Cost.....
- W11628**—For using 82 instead of 80 tube. **44¢**
Your Cost.....
- W11629**—For using newer type 59 instead of type 45 power tubes. **44¢**
Your Cost.....
- W11641**—For using later type 2A5 pentode instead of older type 47. **44¢**
Your Cost.....
- W11642**—For using newer type 2A5 pentode tube instead of the 45 triode. **44¢**
Your Cost.....

Grid-Cap Phonograph Adapter

Ideal for connecting phonopicks to the grid of detector or 1st a.f. tube. Has convenient clips. **W11643**—For glass tubes. **W11644**—For metal tubes. **28¢**
Your Cost.....



FUSES and METER ACCESSORIES



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. Milliammeter 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	12¢	\$1.32	over 1000	Galv.
W12385	1/100	10	110 "			1000	up to 0-1
W12386	3/6	25	20 "			500-1000	1-10
W12387	1/6	60	5 "			100-500	10-25
W12388	3/6	100	3 "	20-100	25-75		
W12389	1/6	100	1.5 "	9¢	\$1.00	20-100	25-75
W12390	2/6	200	6.2 "			10-20	75-150
W12391	3/6	300	3.0 "			5-10	150-250
W12392	4/6	400	2.5 "			3-5	250-350
W12393	1/4	600	.4 "		350-500		
W12394	1	1000	.24 "	6¢	65¢	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.

Stock No.	Cost	Rating Amps.	Stock No.	Cost
W12350	24c	1/6	W12360	42c
W12351	21c	3/6	W12361	42c
W12352	21c	3/6	W12362	39c
W12353	21c	3/6	W12363	39c
W12354	21c	3/6	W12364	39c
W12355	24c	1	W12365	45c
W12356	24c	1	W12366	45c
W12357	24c	1 1/2	W12367	45c
W12358	24c	2	W12368	45c

LITTLEFUSES for Radio Sets and Amplifiers

Approved by the Underwriters. Protect equipment. 1 1/4 x 1/4". Your Cost Each Doz.

W12378	1	250	5¢	50¢
W12379	1 1/2	250		
W12380	2	250	9¢	\$1.00
W12381	3	250		
W12396	1 1/2	500		
W12397	1 1/2	500		
W12398	1 1/2	500		
W12399	3/4	500		



'Meter-Back' Mounting



Mounts directly on any meter terminal. Will not touch the other posts. W11049 Your Cost **12¢**

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 x 3/4". W12325—Your Cost **12¢**



Bakelite Fuse Mounts

Molded Bakelite bases. Plated fuse clips are slotted—grip fuse firmly. Easy to mount.

Panel Type	Sub-Panel Type
Base size 1 1/4 x 3/8 x 1/8". Take the 1" Littlefuses (instrument type). W12383—Your Cost 9¢ For standard 1 1/4" radio fuses. W12324—Your Cost 8c	Have 1" studs having 6-32 thread. For 1" instrument type fuses only. 1 1/4 x 1 1/4 x 3/8". W12382—Your Cost 12¢ For standard 1 1/4" radio fuses. W12327—Your Cost 9c

Copper Oxide Rectifier

Converts d.c. milliameters of 15 ma. or less to a.c. milliameters. With proper resistors can measure up to 1000 volts. Only 1/4 x 3/8". Instructions furnished for all changeovers and new instruments. W10570—Your Cost **\$2.95**



Copper Oxide Rectifiers

Miniature type, 1/4" square. For d.c. meters drawing less than 5 ma. W10566—Your Cost **\$2.15**



20 Ma. Capacity

Circular type, 3/4" long by 1/4" diam. Lug terminals. W10567—Your Cost **\$1.88**



50 Ma. Capacity

1 1/4" long, 3/4" diameter. Maximum voltage, 600. W10568—Your Cost **\$1.75**

Radio and Auto Fuses

Available in 1, 2, 3, 4, 5, 6, 8, 10, 15, 20, 25, 30 amp. sizes. Specify size desired. W13189—Tin of 5 (any one size). Your Cost **14¢**



Fuse Mounts

Composition base, nickel plated brass contacts. Single hole mounting. Solder lugs. W12329—Your Cost **6¢**



Sub-Panel

As above, but for sub-panel mtg. Centers 1 1/4". W12330—Your Cost **6¢**



Continental Carbon Multiplier Resistors

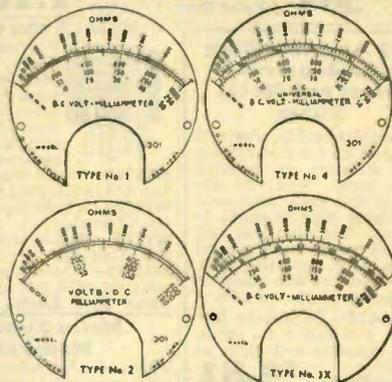


Popular sizes of resistors for use as meter range multipliers. 1-watt, semi-precision. Tolerance 5%; average units within 2% of rating. Resistors marked with an asterisk indicate units which allow for the 50 ohm internal resistance of the meter. When used with 0.5 ma. meters, divide volt range by two.

Stock No.	Res. Ohms	Volts	Stock No.	Res. Ohms	Volts	Stock No.	Res. Ohms	Volts
W12286	1460.	1.5*	W12298	10000	10	W12310	200000	200
W12287	2950	3*	W12299	13500	13.5	W12311	250000	250
W12288	3500	3.5	W12300	15000	15	W12312	300000	300
W12289	4460	4.5*	W12301	25000	25	W12313	450000	450
W12290	4950	5*	W12302	30000	30	W12314	500000	500
W12291	5000	5	W12303	50000	50	W12315	600000	600
W12292	5500	5.5	W12304	60000	60	W12316	750000	750
W12293	5950	6*	W12305	75000	75	W12317	800000	800
W12294	7450	7.5*	W12306	85000	85	W12318	900000	900
W12295	8500	8.5	W12307	90000	90	W12319	1 Meg.	1000
W12296	8950	9*	W12308	100000	100			
W12297	9950	10*	W12309	150000	150			

Your Cost Each, Any Size **18¢**

VAN Meter Accessories



VAN Silvered Metal Etched Metal Dials

Heavily plated metal dials with etched black numerals. Accurate scales. Easy to install. Complete circuit diagram furnished with each dial. Only Weston and Triplett scales are shown in the listing below; we can supply scales for Jewell 88 and 64, Beede 701 and other popular meters. Scales can also be used for "home-built" volt-ohm-milliameters.

W10953—No. 1 Dial for Weston 301 W10957—No. 4 Dial for Weston 301
W10954—No. 1 Dial for Triplett 321 W10958—No. 4 Dial for Triplett 321
W10955—No. 2 Dial for Weston 301 W10959—No. 3X Dial for Weston 301
W10956—No. 2 Dial for Triplett 321
Your Cost Each, Any of the above Dials **39¢**

VAN MULTIPLIERS



New type carbon element multipliers. Adjusted on a bridge to 2% accuracy. Affected only by extreme temperature changes. Pig-tail type. Overall size: 1 1/4 x 3/4 x 3/8". Stock Resist. Stock Resist. No. Ohms No. Ohms
W10937 3000 W10932 100000
W10926 5000 W10945 150000
W10927 10000 W10934 250000
W10939 30000 W10974 300000
W10928 40000 W10935 500000
W10930 60000
Your Cost Each **36¢**
Any Size

VAN Multiple Shunts

For 27 Mv. **25 Mv. 27 Mv.**

Stock No.	Ma.	Stock No.	Ma.
W10910	5	W10913	50
W10911	10	W10914	100
W10912	25	W10915	500

FOR 30 MILLIVOLT METERS
W10960 5 W10963 50
W10961 10 W10964 100
W10962 25 W10965 500

FOR 50 MILLIVOLT METERS
W10918 5 W10921 50
W10919 10 W10922 100
W10920 25 W10923 500

FOR 100 MILLIVOLT METERS
W10985 5 W10988 50
W10986 10 W10989 100
W10987 25 W10990 500
Your Cost Each, Any of the Above Type **88¢**

Manganin Resistance Wire



24 and 28 gauge manganin wire is bare, no insulation. For use in heavy duty instruments and shunts. Practically zero temperature coefficient. Resistance 290 ohms per cir. mil ft.

Stock No.	Gauge	Ohms per Ft.	per Roll	Your Cost
W10966	24	.725	25	33c
W10967	28	1.82	25	23c
W10968	30	2.89	25	23c
W10969	32	4.53	50	33c
W10970	34	7.30	50	33c
W10971	36	11.59	50	33c

Series Tapped Shunts

W10916—For 1 ma., 27 millivolt meters. Tapped 10-100 milliamperes. W10902—For 1 ma., 50 millivolt meters. Tapped 10-100 ma. Your Cost Each, Any of the Above Type **\$1.47**

W10924—For 50 millivolt meters. Tapped 5-25-100 ma. **\$1.76**
Your Cost, Each.

W10991—For 50 millivolt meters. Tapped 10-25-100-500 ma. No switch required. **\$2.06**
Your Cost Each

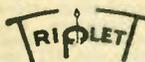
PRECISION PANEL METERS



Universal 3" A.C. D.C. Meter

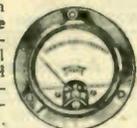
Uses copper oxide rectifier in advanced circuit; low losses due to rectification. Using multipliers, scales are: 0-15-150-750 volts

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**



321 & 221 O-1 Ma. D.C. Meters

Both are the flush type Bakelite cases. Flange diameter are, model 321—3 1/4", model 221—2 1/4". Approximate resistance 33 ohms. D'Arsonval movements with sapphire bearings. Accuracy within 2%. **W11290—Model 321 \$4.55 Your Cost Each \$3.75** **W11298—Model 221 \$3.75 Your Cost Each**



Model 321 Combination Volt-Ohm-Milliammeter

W11438—3" Bakelite 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



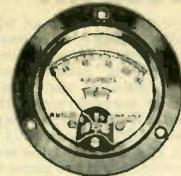
Has large fan type scale, knife edge pointer. Panel opening required, 2 1/4" diameter. Body

length 4 1/4", overall depth 1 1/2", height 3 3/4"; black molded Bakelite case. Internal resistance is 50 ohms; 1-milliampere 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**

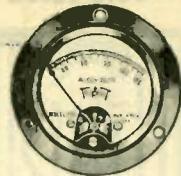
BEEDE PANEL D.C. MILLIAMMETERS

D'Arsonval movements accurate within 2%. Sapphire bearings, zero adjustment, aluminum pointer and attractive flush-mounting case. Highly efficient and compact.

Model	No.	Range	Your Cost
Model 701 3/4" Metal Case			
W11174	0-1		\$3.53
W11175	0-10		
W11176	0-200		\$2.79
W11177	0-500		
Model 311 3/4" Bakelite Case			
W11176	0-1		\$3.82
W11179	0-10		
W11180	0-100		\$3.09
W11181	0-200		



TRIPLET PANEL TYPE PRECISION METERS



Incorporate precision engineering, the finest materials and workmanship. Bakelite cases, all terminals molded in, sapphire jewels in adjustable scales. 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			Model 221		
Stock No.	Your Cost	Range Volts	Stock No.	Your Cost	Range Volts
W11230		0-5	W11247		0-5
W11231	\$3.75	0-10	W11248	\$2.94	0-10
W11232		0-15	W11249		0-15
W11233		0-25	W11250		0-25
W11234	\$3.75	0-50	W11251	\$2.94	0-50
W11235		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.	Your Cost	Range Ma.	Stock No.	Your Cost	Range Ma.
W11200		0-1	W11203		0-1
W11201	\$4.55	0-1.5	W11209	\$3.75	0-1.5
W11411		0-3	W11415		0-3
W11412	\$3.75	0-5	W11416	\$2.94	0-5
W11202		0-10	W11210		0-10
W11203	\$3.75	0-15	W11211	\$2.94	0-15
W11394		0-25	W11398		0-25
W11204		0-50	W11212		0-50
W11205	\$3.75	0-100	W11213	\$2.94	0-100
W11413		0-150	W11417		0-150
W11206		0-200	W11214		0-200
W11414	\$3.75	0-250	W11418	\$2.94	0-250
W11207		0-500	W11215		0-500
W11396	\$3.75	0-750	W11400	\$2.94	0-750
W11397		0-1000	W11401		0-1000

D.C. AMMETERS

Model 321					
Stock No.	Your Cost	Range Amps.	Stock No.	Your Cost	Range Amps.
W11216		0-1	W11223		0-1
W11217	\$3.75	0-5	W11224	\$2.94	0-5
W11215		0-10	W11225		0-10

A.C. VOLTMETERS

Model 331				Model 231			
Stock No.	Your Cost	Range Volts	Stock No.	Your Cost	Range Volts	Stock No.	Your Cost
W11402		0-3	W11403		0-3	W11273	\$3.75
W11273		0-5	W11280	\$2.94	0-5	W11274	
W11274		0-10	W11281		0-10	W11275	
W11275		0-15	W11282		0-15	W11276	\$3.75
W11276		0-25	W11283	\$2.94	0-25	W11277	
W11277		0-50	W11284		0-50	W11279	
W11279		4.55	0-150	W11286	3.75	W11406	5.39
W11406		0-300	W11409	4.73	0-1000	W11410	9.63
W11407	10.45	0-1000	W11410		0-15-150	W11408	6.05

A.C. MILLIAMMETERS

Model 331					
Stock No.	Your Cost	Range Ma.	Stock No.	Your Cost	Range Ma.
W11419		0-10	W11420		0-10
W11265	\$3.75	0-15	W11269	\$2.94	0-15
W11266		0-25	W11270		0-25
W11267		0-50	W11271		0-50
W11268	\$3.75	0-100	W11272	\$2.94	0-100
W11421		0-250	W11423		0-500
W11422		0-500	W11424		0-500

A.C. AMMETERS

Model 331					
Stock No.	Your Cost	Range Amps.	Stock No.	Your Cost	Range Amps.
W11255	\$3.75	0-1	W11260	\$2.94	0-1
W11256		0-1	W11261		0-1
W11257	\$3.75	0-5	W11262	\$2.94	0-5
W11258		0-10	W11263		0-10
W11259	\$4.47	0-25	W11264	3.75	0-25
W11429		0-30			0-30

D.C. MICROAMMETERS

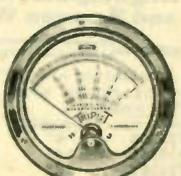
Model 321					
Stock No.	Your Cost	Range Micro-Amps.	Stock No.	Your Cost	Range Micro-Amps.
W11434	\$7.84	0-200	W11432	\$6.86	0-200
W11435	6.04	0-500	W11433	4.09	0-500

Thermo-Couple Type Radiation Ammeters

Model 341, 3"					
Stock No.	Your Cost	Range Amps.	Stock No.	Your Cost	Range Amps.
W11391		1.0	W11425		1.0
W11392	\$10.45	2.5	W11426	\$9.31	2.5
W11393		5.0	W11427		5.0

TRIPLET NEW "GIANT" 5 1/2" FOUNDATION VOLT-OHM-MILLIAMMETER

Molded Bakelite case with 5 1/2" 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**

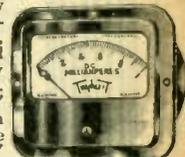


SHUNTS, RESISTORS AND ACCESSORIES

W11443	Bakelite-mounted resistors for volts.	\$5.70
W11444	Bakelite-mounted shunts for milliamps.	3.26
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

TRIPLET "SQUARE" METERS

This new meter is attractive, easy to read and highly efficient. Fits 2 3/8" hole. In Bakelite case 4x4 1/4 x 1 1/4" deep. Has 3 1/2" 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
W11380	0-5	7.50	\$4.90
W11381	0-10	7.50	
W11382	0-50	7.50	
W11383	0-100	7.50	\$4.90
W11384	0-250	7.50	
W11385	0-500	7.50	

MICROAMMETERS

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 MILLIAMETER

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

W10607	0-10	9.00	\$6.61
W10608	0-15	9.00	
W10615	0-150	11.25	8.27

MICRO-AMMETERS

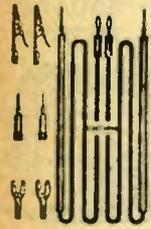
W10701	0-200	14.25	\$10.48
W10702	0-500	14.25	

A.C. VOLTMETERS

Model 476—3 1/4" Diameter					
Stock No.	Approx. Volts	Ohms /Volt	Your Cost		
W10752	15	14	\$6.61		
W10758	150	105	8.27		

TEST PRODS and ALIGNING TOOLS

TEST PROD KIT



Spring prongs at the end of prods allow changing from spade lugs to phone tips or to spring clips. Handles are 6" long, 1/4" diameter. Needle point phone tips for piercing insulated wire. Five foot red and black kinkless 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. Your Cost per Set 49¢
W12883—Phone tips. Your Cost per Set 40¢

Laboratory Test Prods

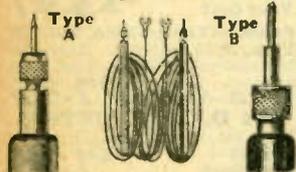
Improved type. Bronze tip with needle point and heavy body. Double purpose—needle prod and phone tip prod. Heavy 5" long handles. Five foot red and black kinkless leads.

W12978—With spade tips. Your Cost, Either 42¢
W12980—Spring clips. 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.

Needle and Solderless Tip Prods



Chucks and nuts hold plain phonograph needles; easily changed when broken (Type A). Fibre handles 4" long, 3/8" diameter, in red and black with red and black kinkless wire. Type B is a solderless tip equipped with long point.

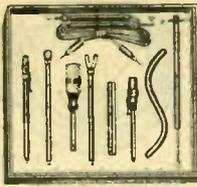
PHONO NEEDLE TIP PRODS
 Stock No. Wire Ends Your Cost
W12976—Phone Tips 29¢
W12975—Spade Lugs 36¢
W12977—Alligator 36¢

SOLDERLESS TIP PRODS
W12968—Phone Tips 25¢
W12969—Spade Lugs 35¢
W12970—Alligator 35¢

Kinkless Rubber Wire
 Will not kink or knot. Heavy-duty 3/4" abrasion-proof rubber wall; contains 65 strands of tinned copper wire. Red or black. Specify color.
W16150—25-ft. coil. 35¢
W16151—100-ft. coil. \$1.30
 Your Cost

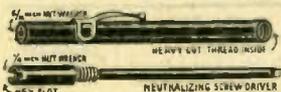
Insulated Screw Driver
 1" diameter Bakelite knob
 on 1/4" rod, 3 3/4" long. Has steel screwdriver nib.
W15087—Your Cost 23¢

TRUATEST ALIGNMENT TOOL KIT



Complete kit for aligning all circuits of all types of receivers. Includes pair of kinkless test prods, flexible tuning wand, alligator jaw wrench and driver, brass 1/4" socket head wrench and driver, 6" insulated alignment screwdriver, 9" balancing screwdriver with 1/2" insulated socket head, a 3-in-1 neutralizing tool (nesting type—a screwdriver with a 3/8" and a 1/2" 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. \$2.75
 Your Cost, Complete.

NEUTRALIZING TOOL



Has pen clip for pocket. 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, 1/4" and 1/2" nut wrenches, miniature blade screwdriver for all aligning and a full-size insulated handle screwdriver.
W15082—Your Cost 70¢

SERVICEMEN'S ALIGNING KIT

For all alignments on any type of receiver. Contains alligator side wrench, 6" insulated screwdriver—metal nib, 3/8" and 1/2" nut wrench, 1/4" square nut insulated wrench, 1/4" hexagon metal side wrench, 2 1/2" insulated screwdriver with metal nib, 1/4" hexagon slotted insulated wrench screwdriver, 3/8" hexagon insulated nut wrench, 5" insulated screwdriver and a 6" insulated screwdriver. All units are contained in a sturdy pocket pouch ideal for the traveling serviceman.

W15089—Your Cost, Complete \$2.35

Attachments for Tools

Screw on aligning tools having threads as found on aligner No. 14915 described above.

Balnut for Majestic Receivers
 Overall 2 1/2" long. Has screwdriver and offset socket for 1/4" hex nuts that extends tool handle 1 3/4".
W15085—Your Cost Each 23¢

FOR CROSLEY RECEIVERS
 Extends tool 1 1/4". Has socket in end for 3/4" 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 3/8" opening. Securely fastened to extra strong high insulation rod size 1/4"x4 1/4". Hardened steel screwdriver blade.
W14921—Your Cost 24¢

Aligning Screwdriver and Hexagon Wrench

A screwdriver and 1/4" hexagonal opening on the other end. Steel Blade length 2".

Stock No.	Length	Your Cost
W15100	8"	20c
W15101	10"	20c
W15102	12"	30c

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 6 5/8".
W12988—Your Cost 72¢

"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. Glass is unbreakable.
W11310—Your Cost Each 59¢

BRACH NEON TEST

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. Pocket size, 3 1/4" insulated leads.
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. 7" long; each is packed in neat paper tube convenient for the pocket.
W14976—Your Cost Each 59¢

ANGLE SCREW DRIVER

For tightening screws in hard-to-get-at places. Hardened, high-carbon steel, cadmium plated. In two sizes.

Stock No.	Length	Your Cost
W15146	2 3/4"	10c
W15147	4 1/2"	14c

Knurled Nut Wrench

For tightening or removing 5/8" to 1 1/2" knurled nuts. Overall length 8 1/2". Shpg. wt. 1 lb.
W15267—Your Cost 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 1/2" long, 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—Your Cost 39¢
W15029—Extra batteries for above. Your Cost per Set 12¢

NEW MICRO-LITE

3 1/2" long, 3/8" diameter. With attachment ring. Complete.
W17723—Your Cost 22¢

Metal Tube Set Trimmer

Has screwdriver fastened in metal cylinder that fits over special screws. 4 3/4" long; shank is 2 3/8" and 1/2" diameter.
W15103—Your Cost 59¢

Hex Socket Aligner

6" long with brass 1/4" socket head. Other end has hardened screwdriver bit. Shaft diam. 1/4".
W15104—Your Cost 29¢

Double Shank Trimmers

For Philco, RCA, etc. Screwdriver shank is 1/8" diameter—fits into 1/4" hole up to 1 1/4"; other end takes 3/8" hex nut.
W15108—6" long. 45¢
W15109—8" long. 59¢
W15106—10" long. 59¢

Adjustable Balancer

All Feneline—no metal parts. Screwdriver slides inside aligning wrench; other end has hex socket.
W15192—Extends 6" to 11" 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, 1/8". 3/8" diameter driver is 6" long.
W15150—1/8" diameter 20c
W15151—3/8" diameter 29c

ALIGNING TOOL SET

Two tools, one fits within other. One is 6" long, 3/8" diameter with fitted brass wrenches for 1/4" and 3/8" hex nuts. Other is 1 1/2" rod fitted with screwdriver nib and special magnetic steel. Both of solid Bakelite.
W15083—Your Cost 69¢

ANALYZER FITTINGS and ACCESSORIES

PLAIN & INSULATED BANANA JACKS AND PLUGS



Jack "A" has insulated shoulder and fits $\frac{1}{4}$ " hole; available in red or black to match plug "D". Jack "B" is of nicked 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.	Your Type	Per Cost Ea.	Per Dozen
W12916	A	5c	55c
W12923	B	4c	38c
W12919	C	4c	38c
W12915	D	6c	65c

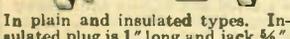
Split Type Banana Plugs



Both of brass, nickel-plated; fit standard jacks. Plain plug has $\frac{1}{8}$ " screw, $\frac{1}{2}$ " 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	5c
W12921—Insulated plug	8c

MIDGET BANANA PLUGS AND JACKS



In plain and insulated types. Insulated plug is 1" long and jack $\frac{3}{4}$ ". Both available in red or black. (Specify color desired). Plain plug is $\frac{3}{8}$ " long; jack is $\frac{1}{2}$ " and fits $\frac{1}{8}$ " hole up to $\frac{3}{4}$ ".

Stock No.	Your Type	Per Cost Ea.
W12905	Plain jack	4c
W12906	Plain plug	4c
W12907	Insulated plug	6c
W12908	Insulated jack	6c

"GIANT" BANANA PLUGS AND JACKS



For heavy duty work as in transmitters; capacity 25 amperes. All of solid brass, nickel-plated.

Stock No.	Your Type	Per Cost Ea.
W12990	Plug; $1\frac{1}{2}$ "- $\frac{3}{4}$ "	15c
W12991	Plug; $\frac{1}{2}$ "- $\frac{3}{4}$ "	
W12992	Plug; $\frac{1}{2}$ "-28	
W12993	Jack; $\frac{1}{2}$ " hole	

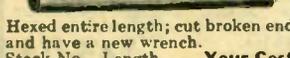
Binding Post With Banana Jack Top



Hole in top takes banana plug. Hole in stem for wire. In red or black. Specify color when ordering.

W12945—	Your Cost Each	7c
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INSULATING RODS



In red or black. All 12" lengths.

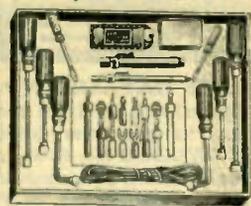
Stock No.	Diam.	Your Cost
W12902	$\frac{1}{8}$ "	14c
W12903	$\frac{3}{16}$ "	19c
W12904	$\frac{1}{4}$ "	29c

Insulated Hex Wrench

Hexed entire length; cut broken end and have a new wrench.

Stock No.	Length	Your Cost
W15148	6"	11c
W15149	8"	13c

Thutest SERVICEMEN'S TEST KITS



Thirty-pieces for test and repair. Include two 6" (3/8 and 1/2"), two 9" (3/8 and 1/2"), and two 6" offset wrenches (1 1/4 and 1 1/2"), 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 box. Shpg. wt. 5 lbs.

W12888—Your Cost, Complete Kit \$2.95

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 \$1.03



INSULATED SPACERS

3/4" outside diameter, 5/8" inside. In red or black. Specify color desired.

Stock No.	Height Inch	Cost Each	Per Dozen
W12938	1/2"	2c	20c
W12939	3/4"	2c	20c
W12940	1"	2 1/2c	24c
W12941	1 1/4"	3c	25c
W12942	1 1/2"	4c	35c

Flush Type Tip Jacks

Heavy contact spring. Will take both plain and solderless tips. Mount in 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. 1/4" mtg. hole.

W12918—Your Cost Each 3c

Per Dozen 30c

Senior Tip Plug

All metal tip plug for tip jack use. Solderless connection. 1 1/2" long.

W12943—Your Cost Each 3c

Per Doz. 33c

Junior Tip Plug

As above, but only 1" long.

W12944—Your Cost Each 3c

Standard Tip Plug

Nickel plated brass. W14881—Your Cost, Per Dozen 6c

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 3/4" wide, 2 1/4" clip, 3/4" wide. Ideal for meters.

Stock No.	Style and Length	Your Cost
W12955	Plain; 2" long	4c
W12956	Plain; 2 1/4" long	5c
W12911	Insulated; 2"	8c
W12909	Insulated; 2 1/4"	10c

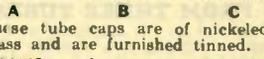
Dual-Grid Analyzer Stud

Modernizes old analyzer plugs to accommodate metal or glass grid caps.

W11750—Your Cost 6c

Miniature Tube Caps

For Metal Tubes



These tube caps are of nicked brass and are furnished tinned.

W14983—Adapter to fit any regular control-grip clip for contacting new miniature tube caps. Type A 8c

W14984—Tinned brass grid clip for contacting miniature caps on metal tubes. Type B 1c

W14985—Above with wire ferrule. Type C 1c

NATIONAL Grid Clips

Freed by a slight pressure and easily removed. Tinned grip end for soldering. 1 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 3/4" tubing. W14441—Your Cost Each 6c

Screen-Grid Clip

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 13c

As above, but heavy duty type. For transmitting tubes (866's etc.). Specify color desired. W11729—Your Cost Each 16c

As above, 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

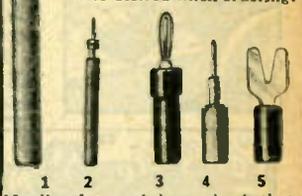
Metal & Glass Tube Cap

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.



Needlepoint prods have chuck that takes standard phonograph needle which is easily replaced.

1. 4" test prod with banana plug tip. W12910—Your Cost 15c

2. 4" solderless needlepoint test prod. W12881—Your Cost 15c

2. 7" solderless needlepoint test prod. W12884—Your Cost 18c

3. Short test prod, 2 1/2" long. W12912—Your Cost Each 12c

4. Insulated needlepoint phone tip plug to fit test prods. W12913—Your Cost 6c

5. Insulated plug with tapered lug. W12914—Your Cost 6c

Insulated Tip Jacks

Have new type springs which provide sure grip contact. Mounts in 1/4" hole. In red or black. Specify color desired.

W12879—Your Cost 5c

Combination Jack

New type, takes both phone tips and banana plugs. Fully insulated, with insulated washer. In red and black, specify color desired.

W12925—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 1/2" long prod. W12974—1 1/2" long. Your Cost Each, Either Type 5c

Per Dozen, Either Type 53c

Midget Short Jacks

Bakelite insulation. 1/4" mtg. hole. W6548—Closed Circuit Jack. W6549—Open Circuit Jack. Your Cost, Each, Either Type 14c

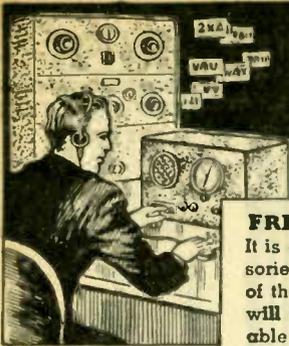
Double Phone Plug

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, Either Color 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

We Will Not Knowingly Be Undersold

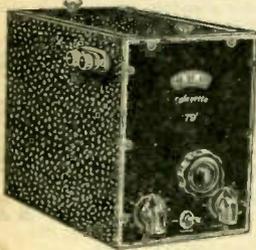


SHORT-WAVE RECEIVERS - TRANSMITTERS AND ACCESSORIES



FREE! OUR NEW 1937 SHORT-WAVE CATALOG NO. 66W
It is devoted EXCLUSIVELY to short-wave transmitters, receivers and accessories. Space limitations in this catalog permit us only a very brief outline of the ample contents of our SHORT-WAVE CATALOG No. 66W. In it you will find ALL the products of EVERY nationally-known manufacturer available for IMMEDIATE delivery. Simply ask for catalog No. 66W

Lafayette "79" 5-METER (50-60 MEGACYCLES) "MINUTE-MAN" RECEIVER



**Fully Convertible
for 6-Volt or 110-
Volt A. C. Use**

The Lafayette "79" Minute-Man is Frank Lester's answer to the demand for a reliable, low-priced 5-meter receiver suitable for fixed-station use on a.c., with a regular power-pack, and also for mobile use in a car on the 6-volt d.c., furnished by the storage battery, or for emergency use.

FOUR-TUBE RESULTS FROM THREE TUBES

The circuit comprises a type 78 tube as an r.f. amplifier, with a complete antenna-grid tuning circuit consisting of a variable condenser and a plug-in coil. This works into one section of a type 79, connected as a self-quenching ultra-audion super-regenerative detector. The audio signal output is resistance-capacitance coupled to the second section of the same 79, which is followed by a 42.

OPERATES A SPEAKER WITH GOOD VOLUME

The output of the "79" is so great under most circumstances that a magnetic-type speaker can be operated with good volume. Ear-phones will be found necessary only with extremely weak signals, or when the receiver is used in a car in a "blind spot."

On the front panel are a regeneration control for the detector tube, an audio volume control, the main tuning knob, and a stand-by switch. The latter opens the "B" supply during transmission periods, to prevent the transmitter r.f., from swamping the receiver.

The coils for the r.f. and detector tuning positions are of the space-wound, plug-in type fitted with small plugs and mounted on Mycalex supports. While only coils for the 5-meter band (approximately 50-62 megacycles) are supplied with the set, the plug-in feature permits easy experimenting with still smaller or larger coils.

A heavy-gauge black crackle-finished steel case, measuring 5 $\frac{1}{4}$ " wide, 8 $\frac{3}{8}$ " deep and 7 $\frac{1}{4}$ " high houses the entire receiver. The top is removable, being held in place by two quickly loosened thumb screws. Binding posts for antenna wires are on the left side; plug-connections for power leads and loud speaker are on the back of the chassis. The a.c. power pack listed below is mounted on a steel chassis to match and is designed to furnish complete heater and plate voltages.

W21065—Lafayette "79" Minute-Man 5-meter receiver, completely assembled, wired and lab tested, with coils for 5-meter band only. Less tubes, power supply and speaker. Shpg. wt. 10 lbs.

Your Cost **\$18.45**

Kit of R.C.A. tubes: (1-78, 1-79, 1-42). **Your Cost** \$1.89

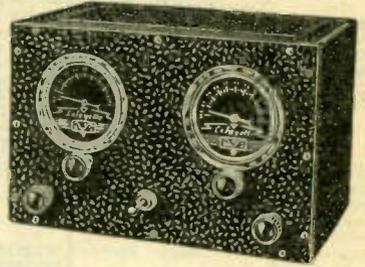
W21957—A.c. power supply, completely assembled, wired and tested. Size, 6 $\frac{1}{2}$ "x10 $\frac{1}{4}$ "x1 $\frac{1}{4}$ ". For 110 volt, 50/60 cycles a.c. only. Less tube. Shpg. wt. 10 lbs.

Your Cost **\$6.50**

Rectifier tube for above (1-80). **Your Cost** 34c

Lafayette 954 and 5-METER Super

**Acorn (954)
Pentodes in
Two Stages**



This receiver is of the superheterodyne type and is available in two models. One, model **W21954**, is designed specifically for five-meter, and higher, operation and employs 3-6D6's, a 6D6, a 41 and a 42 output tube.

USES R.F. AND AUTODYNE DETECTOR

The 2 $\frac{1}{2}$ and 5-meter model, **W21934**, differs from the receiver described above in the use of the 954 "acorn" tubes in place of the larger tubes in the r.f. and autodyne detector stages. This permits greatly increased sensitivity, reduced thermal noises and low noise level, as well as operation up to 120 megacycles.

SEPARATE R.F. AND DETECTOR CONTROLS

The circuit comprises a stage of tuned r.f. followed by a tuned autodyne detector, both using 954's (6D6 and 6C6 in the 5-meter model). Two stages of resistance-capacitance coupled i.f. amplification employ 6D6's, followed by a 41 2nd detector and semi-automatic volume control tube, and a 42 power pentode output tube capable of actuating a dynamic speaker. Acorn sockets and coil bases are of MYCALEX with plug-in construction. The heavy-gauge, black crackle-finished steel cabinet measures 12x8x8" and has a hinged top. All components are mounted on a special copper-plated chassis. The tuning controls are of the new noiseless type.

W22098—Kit of parts for 5-meter superhet, including steel case and chassis. Less power supply, tubes and speaker. Shpg. wt. 25 lbs.

Your Cost **\$18.25**

W21954—As above, but completely wired and tested. **\$22.25**

Your Cost **\$3.24**

Kit of RCA tubes: 3-6D6's, 1-6C6, 1-41, 1-42. **Your Cost** **\$26.50**

W21934—Lafayette 5-meter Acorn superhet. Complete in cabinet, less tubes, power supply and speaker. **\$14.25**

Your Cost **\$9.50**

Kit of RCA tubes for above: 2-954's, 1-6C6, 2-6D6's, 1-41, 1-42. **Your Cost** **\$8.25**

W21942—Complete power pack kit designed for both receivers listed above. Less tube. Shpg. wt. 10 lbs. **\$9.50**

Your Cost **\$34c**

80-type RCA tube for power supply. **Your Cost** **\$9.50**

Note: We recommend that you order tubes with the set; they are specially selected and tested with each receiver.

EMPLOYS 2 ALL METAL TUBES



FIVE-METER (60-Megacycle)

MOBILE PHONE TRANSMITTER

FOR 110-V.A.C. OR 6-V.D.C. SUPPLY

A compact 5-meter phone transmitter that can be operated in an automobile from the 6-volt car battery, or operated as a fixed-station transmitter in the home from the 110-volt a.c. line. Its tube complement includes two, new all-metal tube types that bring it up to the minute.

USES NEW 6L6 "BEAM" TUBE

The circuit employs the new type-6E6 twin-triode as a unity-coupled push-pull oscillator, modulated by the revolutionary new 6L6 "beam"-type all-metal tube which readily permits modulating 100%. An all-metal 6C6 is used as a speech amplifier. Drifting has been reduced to a minimum.

FEATURES LOW CURRENT DRAIN

Due to the use of class "A" amplification, the current drain is practically constant at all times so that any converter will operate with 100% efficiency. Using the Gen-E-Motor (described on page 29) a full 7 watts was realized into a 500-ohm load with a maximum output of 10 watts!



***MODULATES 100%**
***OUTPUT—7 WATTS**

Other circuit features include the use of a MYCALEX socket for the 6E6 tube as well as for the base of the tank coil. The latter is of the plug-in type so that changes for any future developments may easily be made. The coil provided with this set is of copper tubing mounted on MYCALEX.

CONTAINS MIKE TRANSFORMER

A terminal strip on the rear of the chassis is provided for single- or double-button carbon microphone (200 ohms per button), and the voltages necessary for operation.

WITH MOUNTING SLOT FOR CAR

A mounting slot is provided for dashboard attachment. The entire unit is enclosed in a black, crystalline finished steel case, 8 $\frac{1}{2}$ "x8 $\frac{1}{2}$ "x7".

W21940—Lafayette "Mobile" 5-meter transmitter with cabinet, less tubes, power supply, antenna and microphone. Wt. 15 lbs. **\$23.75**

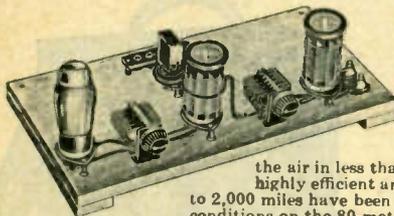
Your Cost **\$2.69**

Set of RCA tubes: 1-6E6, 1-6L6, 1-6C5. **\$2.69**



Lafayette "ECONOMY" RECEIVERS and TRANSMITTERS For the BEGINNER

A BREADBOARD AMATEUR STATION FOR THE BEGINNER



A.C. OPERATED TRANSMITTER USES CRYSTAL

This transmitter has received the technical O.K. of Frank Jones of "RADIO." It can be assembled and put on the air in less than an hour. With it, it is highly efficient and reliable. Distances up to 2,000 miles have been covered under favorable conditions on the 80-meter band, and dependable communication over 500-mile distances is a usual occurrence and one that can readily be duplicated.

SIMPLE AND SURE-FIRE IN OPERATION

The circuit employs a push-pull oscillator, crystal excited, which gives good output at low voltage. The emitted note is pure, easy-to-listen-to d.e. as required by law. The tube used, a 6A6, incorporates two triodes in one envelope—two-tube operation from one. The transmitter kit includes 4 Steatite sockets, 2 ribbed coil forms, 2 double-spaced condensers with knobs, 2 stand-off insulators, Bakelite terminal strip, 2 r.f. chokes and all necessary condensers, resistors, wire for coils and hookup, etc.

POWER PACK FURNISHES ALL VOLTAGES

The power supply kit includes a sturdy transformer which furnishes 250 volts at 65 ma. and filament voltage for the 6A6, two high-quality electrolytic filter condensers, Bakelite socket, smoothing choke, power switch, terminal strip and all necessary wire and hardware. The power supply is designed to operate from any 110-volt, 50/60-cycle a.c. socket.

W21070—Complete kit of parts for transmitter, less baseboard, crystal, tube and power supply. Shpg. wt. 10 lbs. **Your Cost** **\$4.94**

RCA 6A6 tube. **Your Cost** 73c

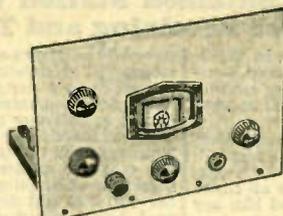
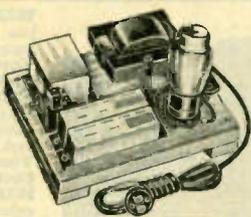
W21071—Complete kit of parts for power supply, less baseboard and tube. Shpg. wt. 5 lbs. **Your Cost** **\$2.66**

RCA 80 tube. **Your Cost** 34c

W13503—160-M crystal (X). \$2.45

W13502—80-M crystal (X). \$2.45

W13192—Crystal holder. 95c



BATTERY OPERATED HAM RECEIVER WITH ELECTRICAL BAND-SPREAD ON ALL BANDS

Start right in amateur radio by building your own receiver. This one is recommended by Frank Jones, and in conjunction with the transmitter on the left makes up an ideal and sure-fire ham station for the beginner. Stations from foreign countries are consistently heard in good locations, and because of the use of signal volume is obtained. In fact, some local stations can be heard on a speaker instead of headphones.

a 19 tube, which serves both as a detector and amplifier, surprisingly good signal volume is obtained. In fact, some local stations can be heard on a speaker instead of headphones.

COVERS 20, 40, 80 AND 160-METER BANDS

Overall design and construction follows the simplest lines; the complete receiver can be assembled and wired in one evening. Four plug-in coils, (furnished unwound), cover the 20, 40, 80 and 160-meter amateur bands with full electrical band-spread provided for each band.

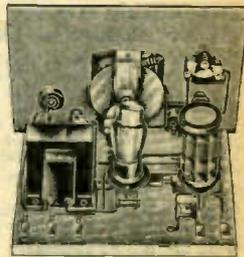
Everything necessary for the construction of this receiver, with the exception of the baseboard, is furnished in kit-form with complete instructions. The parts and accessories include, panel, an airplane-type vernier tuning dial, audio transformer, r.f. choke, sockets, three variable condensers and knobs, 6-ohm rheostat, "on-off" switch, jack for headphones, grid condenser and grid leak, audio resistor, terminals and all necessary hook-up wire, solder, phone plug and hardware. The use of a metal front-panel furnishes complete shielding. The type 19 tube has a 2-volt filament and thus it can be operated economically.

W21072—Complete kit of parts for receiver, less baseboard, tube, batteries and phones. Wt. 10 lbs. **Your Cost** **\$6.95**

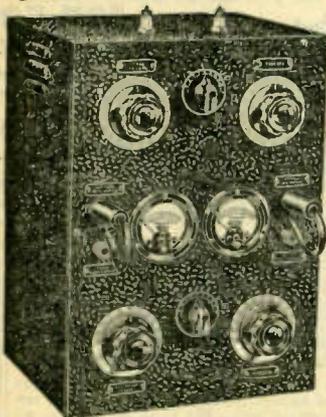
RCA 19 tube. **Your Cost** 58c

Kit of Eveready batteries: 2—No. 6 A cells, 2—45 V. "B". Wt. 12 lbs. **Your Cost** **\$2.70**

W13892—Set of "Empire" DX headphones, 2000 ohms. **Your Cost** **97c**



Trutest "25-WATT JR." C. W. TRANSMITTER AND POWER SUPPLY



This professional-looking rig is truly a little "giant" in performance and appearance. The black crackle-finished steel cabinet which houses it, measures 14" high, 10 1/2" wide and 8 1/2" deep. It employs the famous "Les-Tet" harmonic oscillator circuit which uses a 56 crystal controlled oscillator and a 53 as a doubler or neutralized buffer stage to excite a class C stage with two 46's in parallel. All tubes circuits are monitored with two Triplett meters—a 0-50 and 0-150 milliammeter—by plug and jack arrangements.

EMPLOYS PLUG-IN COILS

Tuning dials are hand-burnished, silver-plated, with massive Bakelite knobs. Two neutralizing condensers are mounted on the front panel for accessibility. An antenna tuning capacitor is provided to permit maximum energy transfer to the antenna. The power supply available for use with this transmitter employs an oversized transformer in conjunction with suitable condensers and chokes to furnish 400 volts at 150 ma., as well as filament voltages. It incorporates a tapped bleeder resistor and makes use of an 83-type mercury-vapor rectifier tube. All parts are mounted on a steel chassis 9 1/2 x 7 1/2 x 2". It is designed to operate from any 110/120-volt, 50/60-cycle a.c. socket.

Both transmitter and power supply are available in kit form, as well as completely wired and tested units.

W21068—Complete kit of parts of "25-Watt Jr." with steel cabinet, all parts and hardware, but less crystal, tubes and power supply. Furnished with one set of coils for 20, 40, 80 or 160-meter band (specify band). Shpg. wt. 19 lbs. **Your Cost** **\$24.50**

W21067—As above, but wired and tested. \$31.95
Kit of RCA tubes for above. **Your Cost** \$2.29

W13972—20-meter coils **W13971**—40-meter coils
W13970—80-meter coils **W13859**—160-meter coils
Your Cost **\$3.50**
Any Set of Coils.

W13988—160 or 20-meter X crystal. \$2.20
W13563—160 or 80-meter AT crystal. \$5.50
W13989—40-meter X crystal. \$4.50

W21069—Complete kit of parts for power supply with steel chassis, less tube. **Your Cost** **\$7.50**
Shpg. wt. 20 lbs.

W21069—Power pack, wired and tested. \$8.50
RCA 83-type rectifier for pack. 52c

A PORTABLE SHORT-WAVE RECEIVER AND MONITOR

Just the thing for every ham station—a combined portable, self-contained short-wave and fully shielded monitor with electrical band spread on every ham band. Everything—receiver and batteries—is inside the black, crackle-finished steel case. It measures overall 8 3/4 x 6 1/2 x 5 1/2" and weighs only 9 pounds with batteries. Just plug in a pair of phones, run out a short aerial and you have an efficient short-wave receiver for either ham or s.w. broadcast bands. Take it along to camp, etc.

VERNIER DIAL FOR FINE TUNING

The special band-spread coils used cover the 20, 40, 80 and 160-meter ham bands; another set covers the 19, 25, 31 and 49-meter foreign broadcast bands. Two type-30 tubes are used in the detector and audio amplifier sockets. Access to the coil socket is had through a hole cut in the top of the case.

The simplicity of construction and its future usefulness regardless of the station's growth, makes it an ideal and valuable set for the beginner to build. Not only is it an excellent fixed-station and portable receiver but an excellent monitor as well. Furthermore, its sturdy construction ensures long service.

BUY IT IN KIT OR WIRED FORM

W21152—Complete kit of parts with steel carrying case, less tubes, batteries. **Your Cost** **\$7.95**
Shpg. wt. 12 lbs.

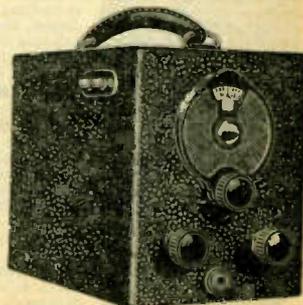
W21153—As above, wired and tested. \$9.90

Kit of Eveready batteries. 1—No. 762, 1—No. 771. **Your Cost for Both** **\$1.29**

Two 30-type RCA tubes. 80c

W13963—Set of 4 coils for the broadcast bands.

W13964—Set of four coils for the amateur bands. **Your Cost, Either Set** **\$2.10**



Weights 9 lbs. with batteries!

WRITE FOR FREE COPY OF COMPLETE "HAM CATALOG"



Lafayette 5-METER TRANSCRYPTOR

A New Transmitter-Receiver

A Completely Self-Contained Station With Separate Tuning Controls For Receiving and Transmitting

Lafayette's most recent innovation in the 5-meter field—a completely self-contained, portable station with SEPARATE tuning controls for receiving and transmitting, as well as separate antennas for both functions.

It is completely contained in a handsome black, crackle-finished steel case measuring 15x15x7½"; it has compartments for the handset (or phones and mike), and all batteries. When all closed for transportation it can be handled like any piece of luggage—knocked about, sat on or stood on!

Two type-19 and two type-30 tubes are used. With the center change-over switch in the "receive" position, a type-30 is used exclusively as a self-quenching super-regenerative detector, transformer coupled to the second 30 operating as an audio stage. The latter feeds a 19, operating as a push-pull stage. The earphone of the handset is connected to the secondary of the output transformer. The super-regen has valuable faculty in discriminating against ignition interference, as well as great sensitivity.

With the switch in the "transmit" position, the filament of the detector tube is opened, the

second 30 becomes a speech amplifier and the 19 a class "B" modulator stage. The second 19 is thrown in as a unity-coupled push-pull oscillator, plate modulated via the secondary of the output transformer in the 19 audio stage.

The dual functioning of the audio section of the Transcryptor in no way affects its performance; the complete separation of the r.f. sections eliminates all coupling compromises. The life of the batteries will depend on how the unit is used, but standard easily-replaceable batteries are employed.

BUILT FOR PORTABLE WORK

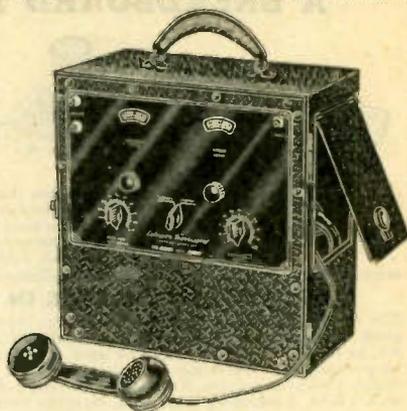
W21064—Lafayette 5-meter Transcryptor completely wired, with carrying case. Less tubes, batteries, handset and antennas. Shpg. wt. 25 lbs. List \$55.00

Your Cost..... **\$27.50**

RCA tubes (2-30's, 2-19's)..... \$1.96
Complete set of Eveready batteries (3-762, 2-6A cells, 1-771, 1-773). Shpg. wt. 18 lbs.

Your Cost..... **\$4.48**

Six-volt and 110-volt a.c. models will be available soon. Write for complete details.



- Output—Full 2 Watts
- Uses One or Separate Antennas
- Completely Enclosed

A Professional Looking and Acting Rig for the Discriminating Ham

The Lafayette model PB46A phone and c.w. transmitter illustrated at the right is made up of three separate units that can be purchased separately as indicated in the next column. Each unit is mounted on a standard 19" rack panel for either relay-rack or cabinet mounting. Parts are the finest available, Hammarlund, Cornell-Dubilier, Triplett, etc., cadmium-plated steel chassis, etc.

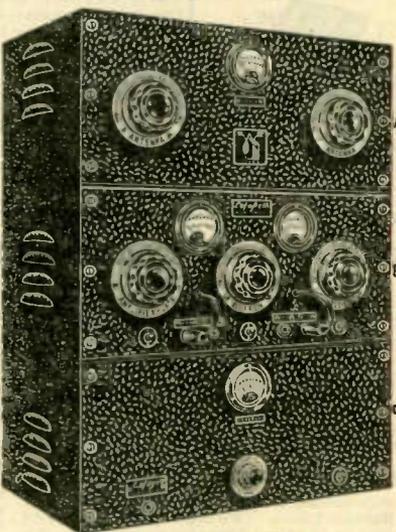
Model P46 c.w. transmitter (B) uses a 56 oscillator and 53 doubler or buffer with parallel 46's in class C output. All circuits can be checked with a 0-50 and a 0-150 milliammeter. Its built in power supply uses an 83 mercury-vapor rectifier.

Model B46 modulator (C) converts the above to a phone transmitter. A 57 feeds a 2A6 hi-mu triode, followed by a 46 in class A driving two 46's in class B. An 83 rectifies. Uses Crystal Mike. Output is 30 watts; frequency response 50 to 12,000 cycles within 1½ db; overall gain 110 db; outputs: 4000, 6000, 8000 and 10000 ohms. A 200 ma. milliammeter serves as a modulation indicator. Size, 17x11x2½".

Model 46A antenna coupler (A) comprise two variable condensers, series-parallel switch and a Triplett thermo-couple ammeter. Permits maximum energy transfer to antenna. In addition to these single units, several combinations are suggested in the price column at the right.

W22253—Model 46A antenna coupler, less cabinet. Shpg. wt. 10 lbs. **Your Cost \$19.95**

Lafayette 30 Watt C.W. and PHONE TRANSMITTER



Go On The Air With A Single Unit And Add Later As You Desire

W22254—Model P46 transmitter (c.w. only) less cabinet, tubes and crystal. With power supply and 1 set of coils. Shpg. wt. 38 lbs. **Your Cost \$52.95**

W22252—Model P46A c.w. transmitter consists of W22253 and W22254 in 2-deck steel cabinet. Less tubes, crystal. With power supply and 1 set of coils. Shpg. wt. 85 lbs. **Your Cost \$79.50**

W22256—Model B46 modulator, less tubes and cabinet. Shpg. wt. 40 lbs. **Your Cost \$39.50**

W22258—Model PB46 phone and c.w. transmitter, consists of W22254 and W22256. With power supply and steel cabinet. Less tubes and crystal but with one set of coils. Shpg. wt. 105 lbs. **Your Cost \$97.50**

W22256—Model PB46A complete phone and c.w. transmitter in 3-deck steel cabinet, 26¼" high, 19" wide, 13" deep, consists of all three units. With power supply and one set of coils. Less tubes and crystal. Shpg. wt. 125 lbs. **Your Cost \$119.50**

W13859—160-M coils. **W13970**—40-M coils.

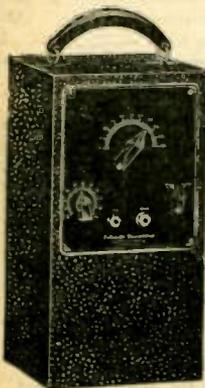
W13971—40-M coils. **W13972**—20-M coils.

Your Cost, Any Set \$3.50

Complete kit of RCA tubes for model PB46A transmitter: 1-56, 1-53, 1-57, 1-2A6, 6-46's, 2-83's. **Your Cost \$6.17**

MODEL "30"

The Finest Low-Cost Transceiver Available



The model "30" Transceiver is desirable where its low initial cost and its economy of cell consumption are prime factors. It incorporates the same careful design, workmanship and quality components as its senior, the "19". The circuit employs the popular 30-33 tube combination. For transmission the 30 is used as an oscillator modulated by the 33.

OPERATES A LOUD SPEAKER

In receiving the 30 becomes a super-regenerative detector and the 33 an audio amplifier. Sufficient volume is had for a loud speaker. Provided with change-over switch, tuning and gain controls. In a steel case 15" high, 7¾" wide, 6½" deep, finished in crystalline black.

W21150—Model "30" transceiver, less tubes, batteries and mike. Shpg. wt. 15 lbs. **Your Cost \$9.95**

RCA tubes (30, 33). **Your Cost \$9.95**

Eveready batteries, 3-762, 1-768, 2-6A. **Your Cost \$4.34**

Lafayette FIVE-METER TRANSCREIVERS

MODEL "19"

Has Output of 2 Watts!
Class B Modulation

Here is the transceiver that has proved its superiority in ham circles everywhere. It has an output of approximately 2 watts—almost ten times that of the ordinary transceiver using the type 30 tube as an oscillator. The use of class B modulation provides surprisingly excellent quality of transmission. It is independent of external power supply; contains all necessary batteries within its own steel case.

SUPER-REGENERATIVE P.P. DETECTOR

The circuit employs two type 19's and a type 30 tube. One 19 driven by the 30 serves as a class B audio amplifier which modulates the other 19 used as a unity-coupled push-pull oscillator. As a receiver, one 19 is used as a push-pull super-regenerative detector, with the type 30 and the other 19 as 1st and 2nd audio amplifiers, respectively. Sufficient output is obtainable for loud speaker operation. The case is of steel, finished in black crystalline lacquer, and measures 15" high, 7¾" wide and 6½" deep. Two stand-offs are provided for a transmission line. Note: The Models "19" and "30" Transceivers are identical in external appearance, as illustrated at the extreme left, except that the "19" has one antenna post and the "30" has two.

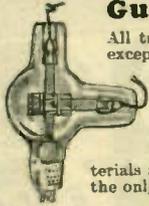
W21151—Lafayette model "19" transceiver in steel carrying case, less tubes, batteries and accessories. Shpg. wt. 18 lbs. **Your Cost \$15.95**

Eveready batteries, 3-762, 1-771, 1-773, 2-6A. **Your Cost \$4.44**
RCA tubes (1-30, 2-19's). **Your Cost \$1.56**

AMATEUR TRANSMITTING TUBES

Lafayette Transmitting Tubes

Guaranteed for 1000 Hours



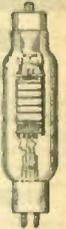
All transmitting tubes in the Lafayette line, with the exception of the 210, have pure carbon plates, providing high plate dissipation without overheating. They also provide more constant tube characteristics under operation, since the carbon plates do not vary in physical size or warp under heat. Lafayette 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
210	R.F. or audio amp.—15 watts plate dissipation	1.95
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
851	R.F. or audio amp.—750 watts plate dissipation	300.00
852	R.F. amp.—100 watts plate dissipation	14.50
864	Voltage amp. for pre-amplifiers	1.40
866	H.W. merc. vapor rectifier—6 amp.	1.65
866A	H.W. merc. vapor rectifier—1.0 amp.	2.25
869A	H.W. merc. vapor rectifier—10 amps.	139.00
872	H.W. merc. vapor rectifier—10 amps.	10.95
872A	H.W. merc. vapor rectifier—7.5 amps.	12.50
875A	16000-volt peak inverse rectifier	32.40



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	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., dbl., pentode—10 watt	4.50
RK18	R.F. osc., amp., cl. "B" mod., triode—40 watt	10.00
RK19	F.W., high vacuum rect., 1250 V., 600 ma.	7.50
RK20	Shielded pent., r.f. osc., amp., 50 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., 15 watt	4.50
RK24	R.F. osc., amp., mod., for 66 mc.—1.5 watt	2.25
RK25	Shielded pent., r.f. osc., amp.—15 watt	4.50
RK28	R.F. power amp., cl. "B" and "C" pent.—100 watt	38.50
RK30	High freq. r.f. osc., amp., triode—65 watt	10.00
RK31	Zero bias cl. "B" modulator, triode—125 watt	10.00
RK32	High frequency triode—50 watt	12.00
RK34	High freq. r.f. osc., amp., twin triodes—20 watts	3.50
RK35	R.F. amp., osc., db., 35 watts	8.00
RK36	R.F. osc., amp., cl. "B" mod., triode—100 watts	14.50
RK100	Gaseous discharge amp., triode—1 watt	7.00
R203A	Hi-mu triode, cl. "B" mod., amp.—100 watt	17.50
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.	1.60
R866A	H.W., mercury filled rect., 3500 V., 600 ma.	4.00
R872A	H.W., mercury vapor rect., 3500 V., 2.5 amps.	18.50

RCA CATHODE-RAY TUBES

Type	Type	Net
908	9"	\$97.50
904	5"	52.50
905	5"	45.00
906	8"	18.00
907	5"	48.75
908	3"	21.00
909	5"	49.00
910	3"	21.25
911	3"	22.50
912	5"	163.40

RCA PHOTO TUBES

No.	Type	Net Price
868	General purpose	\$5.00
917	High-vacuum	6.00
918	High-sensitivity	5.00
919	High-vacuum	4.50
920	Twin photo-tube	7.00

AMPEREX TUBES NEW! HF-100

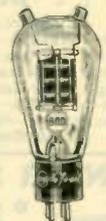
Here's value for the ham. 170 watts maximum obtainable output up to 30 mc. 50-60 watts on 120 mc. Plate, 1500 volts at 150 ma., filament, 10 volts at 2 amps. Standard UX 4-prong ceramic base. 7 1/2" high, 2 1/4" diam. Plate terminal, top; grid, side. Carbon plate. Amplification factor, 21. Shpg. wt. 4 lbs.

Type HF-100
Your Cost **\$10.00**

AMPEREX HF-200

A favorite power bottle with ham for some time. Allowable plate dissipation, 150 watts; 300 to 400 watts attainable plate power output up to 20 mc. Plate 2000 volts at 200 ma. Filament, 10 volts at 3.4 amps. Standard 50-watt base. Top plate terminal, side grid terminal. Large area graphite plate. 9 1/2" high, 2 3/8" diameter. Amplification factor, 18.

Type HF-200
Your Cost **\$24.50**



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. They will provide the finest performance, and are constructed to give long-lived satisfactory service.

Type No.	Description	Amateur's 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	4.50
802	Pentode—20 watts plate dissipation	3.90
803	Pentode—125 watts plate dissipation	38.50
804	Pentode—40 watts plate dissipation	15.00
805	Triode—125 watts plate dissipation	18.00
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	16.00
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)	1.60
865	Screen-grid r.f. amp.—15 watts plate dissipation	12.75
954	Acorn pentode, high frequency	5.80
955	Acorn triode, high frequency	3.75
1602	Triode—15 watts plate dissipation	2.75
1603	Pentode amp. (low micro.)	2.25
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	2.25
866A	Half-wave, merc. vap.—2.5 volt filament	4.00
872	Half-wave, merc. vap.—5 volt filament	16.50
872A	Half-wave, merc. vap.—5 volt filament	18.50
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
966A	Half-wave, merc. vap.—2.5 volt filament	4.00

RCA ACORN TYPE TUBES

These tubes are considered standard for maximum efficiency

Type 954—Pentode **\$5.80**
Your Cost
Type 955—Triode **\$3.75**
Your Cost

Mycalex Acorn Socket

Made of Genuine Mycalex, 1 1/4" square. For both type 954 or 955 tubes.

W13172—Minus prongs **42¢**
Your Cost
W13171—With prongs **51¢**
Your Cost Each

Ceramic 50-Watt Socket

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

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

Ceramic "802" Socket

7 phosphor bronze springs; will fit all small or large 7-prong tubes. W14012—**32¢**
Your Cost

JOHNSON SOCKETS

Porcelain base, polished nickel shell; dual wiping contacts; Screw and lug terminals. W14160—**73¢**
Your Cost
W14161—50-watt size. **\$1.03**

NATIONAL Amateur Receivers and Accessories

NEW! NATIONAL NC-100 RECEIVER 10 TO 555 METERS IN 5 BANDS USING BUILT-IN COILS

The NC-100 is a 12-tube superheterodyne using 10 all-metal type tubes, and employs an entirely new method of band-changing. Individual, completely shielded coils are used for each band—there are no plug-in units.

USES AIR-TUNED I.F.'S

A complete set of factory-matched tubes is supplied: 6K7 r.f. pre-selector for all bands, 6J7 1st detector, 6K7 oscillator, two 6K7 i.f. stages, 6C5 2nd detector, 6J7 separate amplified and delayed a.v.c., 6J7 beat oscillator, two 6F6 outputs, 6E5 visual tuning indicator and an 80 rectifier.

BUILT-IN POWER SUPPLY

The built-in power supply also provides excitation for a 500-ohm speaker field. Front-of-panel controls include tone, send-receive, r.f. gain, volume, a.v.c. and b.f.o. on-off, beat oscillator vernier control, tuning dial, filter selectivity (on crystal models only), and phasing control (on crystal models only). The tuning dial operates a 3-gang condenser and has a spring-loaded gear train with a ratio of 20:1; it makes ten complete revolutions across each coil range.

Other features include a headphone jack mounted on the front panel, accurate measurement of signal strength by means of a calibrated curve, undistorted audio output of 10 watts, provision for relay for automatically turning receiver on or off.

VISUAL TUNING INDICATOR

The entire unit, except for the speaker, is mounted in a black, crackle-finished steel case. The front panel is handsomely finished in dull black and polished aluminum.

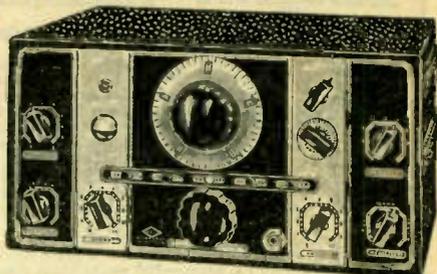
W21256—NC-100 receiver complete with power supply and 10" dynamic speaker chassis. Shpg. wt. 72 lbs. **\$105.00**
Your Cost

W21257—NC-100X receiver, as above but with crystal filter. **\$127.50**
Your Cost

W21258—Rola G-12 high-fidelity speaker in place of 10" speaker. **\$13.50**
Add to Above Prices

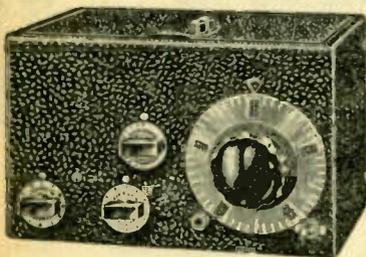
W21259—DCS metal cabinet for 10" speaker. Matches receiver cabinet. **\$5.10**
Your Cost

W21260—Steel angles for rack-mounting above receivers. Easy to fit. **\$1.50**
Your Cost per Pair



OUTSTANDING FEATURES

- 10 TO 555 METERS—5 BANDS
- INDIVIDUAL BUILT-IN COILS
- 12 TUBES—10 ALL-METAL
- BUILT-IN POWER SUPPLY
- VISUAL TUNING INDICATOR
- PRESELECTION ON ALL BANDS
- SEPARATE DELAYED A. V. C. TUBE
- COMPLETE WITH ALL TUBES AND 10" DYNAMIC SPEAKER



ULTRA HI-FREQUENCY RECEIVER MODEL 1-10

Named for its extraordinary tuning range of from one to ten meters. It employs a 4-tube circuit consisting of a type-954 acorn tube as an r.f. amplifier, a type-955 acorn tube as a detector, a 6C5 as first audio amplifier and a 6F6 as a 2nd audio frequency amplifier.

ALL-VICTRON INSULATED

It incorporates the famous National ultra hi-frequency condenser assembly which features a worm-gear drive and the new 20:1 micrometer tuning dial. The front panel mounts the tuning control, send-receive switch, phone jack, regeneration, audio gain (volume), and alignment of the r.f. circuit. 6 sets of coils are furnished.

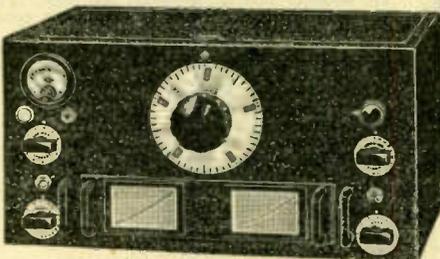
All coil bases, condenser supports, etc., are constructed of Victron—the finest insulation for high frequencies. The receiver can be used with batteries, or a.c. power supply which permits operation from 110 volts, 50/60 cycles a.c.

HOUSED IN STEEL CASE

Compact enough for car use or fixed station.
W21254—National type 110 receiver with all coils, less tubes, speaker and power supply. Shpg. wt. 14 lbs. **\$39.00**
Your Cost
W21255—National 5886 AB power supply, less tube (1-80). Wt. 17 lbs. **\$15.90**
Your Cost

NATIONAL "HRO" SENIOR AND "HRO" JUNIOR S. W. RECEIVERS

- 9 TUBES, LESS RECTIFIER
- SINGLE-SIGNAL CRYSTAL STANDARD ON "SENIOR"
- SINGLE-CONTROL TUNING
- GANGED PLUG-IN COILS INDIVIDUALLY SHIELDED
- VACUUM TUBE VOLT-METER CALIBRATED IN 5 UNITS ON "SENIOR"
- MICROMETER DIAL WITH TUNING OVER 500 DIVISIONS DIRECT READING



- CALIBRATION FOR EACH RANGE MOUNTED ON COIL
- BOTH AUTOMATIC AND MANUAL VOLUME CONTROL
- AIR-PADDED OSCILLATORS ELECTRON COUPLED
- "OFFSET" C. W. TUNING WITH BEAT OSCILLATOR
- FOUR-GANG CONDENSOR WITH WORM-DRIVE TUNING
- PHONE JACK ON PANEL

The "HRO" Junior receiver is essentially the same as the standard model described at the left, except that the carrier intensity meter and the crystal filter have been omitted. In addition, only one calibration curve is supplied with the coil group instead of two. All other features are identical with those described in the feature columns. The "HRO" Junior has been so designed that the amateur can start with this receiver and build it up to the standard model by adding those features that have been omitted.

The "HRO" Senior is truly a professional-type short-wave communication receiver. It is in use in airports all over the country and wherever commercial reliability of reception is desired. Two models are available; the 2½-volt model uses 4—58's, 3—57's, 1—2B7 and 1—2A5. The 6-volt model uses 4—6D6's, 3—6C6's, 1—6B7 and a 42. Both models employ advanced superheterodyne circuits.

CRYSTAL FILTER CAN BE ADDED LATER

Carrier intensity meter can be purchased at an additional \$6.00; crystal filter circuit can be added (at factory only) at an additional \$22.50; band spread coils can be purchased in place of the general coverage coils at \$12.00 per set (if 10-20 meter band spread coils are to be substituted for general coverage coils, set must be shipped back to factory for re-calibration). If band spread coils for the 10-20 meter band are ordered at time of purchase of the receiver (in place of general coverage coils) add \$2.10 to cost of complete receiver. Shpg. wt. 80 lbs.

W21252—"HRO" Junior complete with set of RCA 2.5 volt tubes and 10-20 meter coils. Less speaker and power supply.

W21253—"HRO" Junior complete with set of RCA 6.3 volt tubes and 10-20 meter coils. Less speaker and batteries. **\$99.00**
List Price \$165.00. Your Cost, Either Set

W13793—Complete set of coils for 20-40 meter band.
W13794—Complete set of coils for 40-80 meter band.
W13795—Complete set of coils for 80-160 meter band. **\$9.90**
Shpg. wt. 5 lbs. each set. Your Cost, per Set
Use same power supply as listed at left with standard model.

USES TWO R.F. PRESELECTION STAGES

Two air-tuned, Litz-wound, high-gain i.f. stages provide unusual selectivity and sensitivity. Other circuit details include automatic or manual volume control, vacuum-tube voltmeter with panel meter for indicating carrier intensities directly in 5 units, phone jack, send-receiver switch and Lamb single-signal crystal filter. Ganged plug-in coils with band spread are provided for 30 to 1.7 megacycle reception. (10 to 176 meters); each set is equipped with a calibration curve. A micrometer dial spreads tuning over 500 divisions, numbered every 10 divisions; it is coupled to a pre-loaded worm drive with 20:1 ratio, which is coupled to a 4-gang tuning condenser. Supplied with black leatherette or Western Electric gray finished panel for rack-panel assembly. (Specify finish desired when ordering). Also available in table model.

W21250—HRO-2 (2½-volt) rack-panel receiver with coils, RCA tubes, less speaker and power supply. List \$299.50.

W21251—HRO-6 6-volt battery rack-panel model complete with coils, tubes, less speaker. List \$299.50. **\$179.70**
Your Cost, Either Model

W23773—Additional set of coils from 500 to 1000 kilocycles.
W13774—Additional set of coils from 900 to 2000 kc. **\$12.00**
List Price, \$20.00 per set. Your Cost per set

W21261—115-volt, 60-cycle power pack for 2.5-volt tubes. **\$15.90**
Your Cost



SHORT WAVE EQUIPMENT

NATIONAL

UNITS

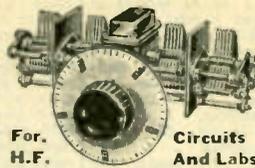
Each unit has 180° plates; the SE, SE-10, s.l.f. Plates and frame are aluminum, Steatite insulated. Rotor has two bearings in all models with front bearing insulated; rotor contact is through a pigtail. SEU units have thick plates with rounded polished edges.

Lengths are from 1 1/4" to 2 1/4".

Stock No.	Cap. Mmfd.	Mfrs. No.	No. of Plates	Your Cost
W14300	15	STHS15	3	50.84
W14291	50	ST-50	11	1.08
W14293	100	ST-100	20	1.35
W14294	150	ST-150	29	1.50
W14296	250	STH250	32	1.80
W14303	50-50	STD-50	11-11	2.10
W14288	15	SEU-15	6	1.50
W14290	25	SEU-25	9	1.65
W14280	50	SE-50	11	1.80
W14282	100	SE-100	20	2.10
W14283	150	SE-150	29	2.25
W14287	335	SEH335	43	2.55

PRECISION GANGED UNITS

Designed for use in h.f. circuits in 2, 3 or 4 ganged sections and one-section for laboratory. Drive at midpoint of rotor is through enclosed pre-loaded worm gear with 20:1 ratio. Steatite insulation. Micrometer dial reads direct to 1 part in 500. Division lines are approximately 1/4" apart. The dial revolves 10 times in covering the tuning range and window number changes every revolution of the dial. Each rotor insulated from frame with individual multi-fingered brush contact; gear bearings on rotor shaft. Plate shape is s.l.f. when the frequency range is 2:1. Type PW.



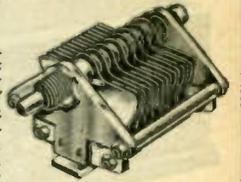
For H.F. Circuits And Labs

175 Mmfd.		225 Mmfd.		
Stock No.	Your Cost	No. of Sections	Stock No.	Your Cost
W14430	\$8.10	One	W14575	\$8.10
W14431	10.20	Two	W14576	10.20
W14432	12.30	Three	W14577	12.30
W14433	14.40	Four	W14578	14.40

TRANSMITTING CONDENSERS

Low Power Type TMS

Steatite-Isolantite insulated. Size: front, 2 1/4" by 1 1/2" high, 2 3/4" long. Conical front bearing, rear bearing radial with single ball thrust. Withstand 1000 volts peak; TMSA units, 2000 volts peak.



For Oscillators, Buffers, Doublers, Etc.

Stock No.	Mfrs. No.	Cap. Mmfd.	No. of Plates	Your Cost
W14550	TMS100	100	10	\$1.35
W14551	TMS150	150	14	1.50
W14552	TMS250	250	23	1.65
W14553	TMS50D	50-50	5-5	2.10
W14554	TMS100D	100-100	9-9	2.55

For Low C, Type-210 Amplifiers

W14555	TMSA35	35	8	1.65
W14556	TMSA60	60	11	1.80

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 **45¢**

High-Power R. F. Choke

Five honeycomb sections on Isolantite core. 10,000-volt insulation. 0.6 ampere rating, 4 mh. inductance, 10-ohm d.c. resistance, distributed cap., 1 mmfd. Type R-252 for 160-m. band, R-154, 40 m. W14399—Type R-152



W14394—R-154 Your Cost Each **\$1.35**

Universal R. F. Choke



For best performance on 20, 40 and 80-meters. Five-section honeycomb type coil on Isolantite core. 0.6 ampere, induct., 1 mh., 6 ohms resistance.

W14326—Your Cost **\$1.05**

Stand-Off Insulators

Isolantite metal mounted top and bottom. Ideal for R.F. choke cores. Shaped for maximum efficiency.



Stock No.	Type No.	Size—In. Dia. Ht.	Your Cost
W14479	GS-1	1 1/2 x 1 1/2	15c
W14480	GS-2	2 x 2	21c
W14481	GS-3	2 1/2 x 2 1/2	48c
W14482	GS-4	3 x 3	60c

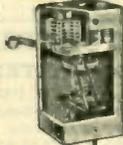
Steatite



Small unit is tapped 1/4" at each end, larger 1/2". Make attractive and efficient job.

Stock No.	Type	Height	Each
W14483	GS-5	1 1/4"	15c
W14484	GS-6	2"	21c
W14485	GS-7	3"	39c

Air-Tuned Intermediate-Freq. Transformers



Use air dielectric condensers (stacked construction) with aluminum plates and Isolantite insulation. An aluminum plate serves as shield between the capacitors; the rectangular shield can give higher Q; coils are Litz-wound. Shield can measure 4x2 1/2x2". Equipped with spade type threaded bolts for mounting.

W14579—175 kc. i.f. W14581—175 kc. heat osc.

W14580—450-550 kc. i.f. W14582—450-550 kc. b.o.

Your Cost Each, Type IFC Units **\$3.00**

Any Type Listed Above

Fixed Tuned Exciter Tank, Type FXT

R-39 coil form, two 25 mmfd., 2000-volt condensers, Isolantite insulation. Series or parallel hook-up—inductive or capacitive coupling. For all bands. In shield can as above.

W14576—Shpg. wt. 2 lbs. Your Cost **\$2.70**

Twin-Diode I. F. Transformer, Type IFD

For new noise indicator circuits, detector and a.v.c. working into diode detector. Air-tuned. Push-pull output. Top tuning.

W14324—175 kc. unit. W14325—465 kc. Your Cost Each, Either Type **\$2.10**

Type "B" Vernier Dial



Ratio variable from 6:1 to 20:1 Black Bakelite shell, 4" diameter.

W14367—Clockwise, 200-0 in 360°

W14368—Either direction

0-100-0, 180°.

Your Cost Each **\$1.65**

Either Type

W14352—Dial illuminator... 30c

Type "BM"—3", similar to above, less variable ratio.

W14371—0-100-0, 180°.

W14372—Clockwise, 200-0, 360°.

Your Cost Each, **\$1.50**

Either Type

5-Meter Mounted Coil



Heavy copper air spaced winding, with Steatite base. For 5 meter transmitters and receivers.

W14449—XR-9 complete. **27c**

Your Cost

Precision Type "N"



Engine-divided scale and vernier of solid German silver, reads to 1/10 of division; 5:1 ratio; dials 4", 5", 10", 15", 180°.

W14365—150-0; 270°

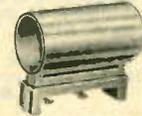
W14364—100-0, 180°

W14366—200-0, 360°

Your Cost Each **\$4.05**

Buffer Form and Base

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



W14571—UR13 complete buffer coil assembly. **\$1.35**

Your Cost

W14572—Coil form only. **60c**

Your Cost

W14573—Plug only. **45c**

W14574—Base only. **45c**

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 1/2x5". **90c**

Your Cost Each

W14348—XR12A—28 turns. Size 4x6 1/4". **\$1.35**

Your Cost Each

Neutralizing Condenser NC Series

For neutralizing the new tubes. Both plates insulated from ground by glazed Isolantite pillars; micrometer adjustment. Type NC-800 for RCA-800 or similar tubes. Type NC-150 for 75T, 150T, 300 T, 852 etc.



W14255—NC-800

Your Cost **\$1.80**

W14253—NC-150

Your Cost **\$3.60**

Neutralizing Condenser Type STN

For neutralizing 45, 47, 10 and similar tubes in amplifier, buffer or doubler stages. Isolantite insulated. Maximum capacitance breakdown of 300 V. Shpg. wt. 1 lb.

W14476—Your Cost Each **\$1.20**

Your Cost Each

Experimenter's Units

No non-corrosive brass plates mounted on a sturdy frame. For receivers or low-power transmitters. Shpg. wt. 1 lb.



Stock No.	Cap. Mmfd.	No. of Plates	Your Cost
W14327*	15	5	51c
W14344*	25	7	51c
W14392*	35	10	60c
W14342	50	6	54c
W14322	100	12	60c
W14343	140	15	75c

*Double spaced, others are single.

Flexible Shaft Coupling

This new gadget combines Isolantite insulation with a short length of flexible shafting. Will drive shaft at any angle up to 90°. Available with plain hubs or with Isolantite. Hubs take 1/4" shafts.

W14530—Your Cost **75c**

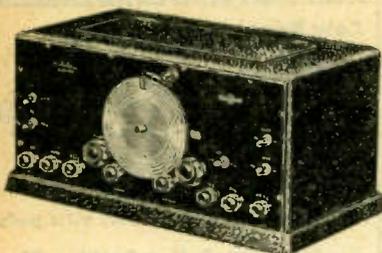
Without Isolantite insul. **36c**

W14531—Your Cost

Perfect Merchandise - Prompt Shipment - Personal Service

Hallicrafter's SHORT WAVE SUPERHET

THE NEW 1937 ULTRA SKYRIDER



A modern engineering achievement—covers 3.7 to 53 meters in four bands: 79.5 to 36.4 mc., (3.7 to 8.2 meters), 38.3 to 19.6 mc., (8 to 15.3 meters), 21.35 to 10.5 mc., (14.1 to 28.5 meters), 11.45 to 5.65 mc., (26 to 53 meters).

One of its outstanding features is the use of the new Lamb noise silencer circuit as a part of the receiver proper. This device first described in

"QST" will insure a minimum of noise pickup so annoying at the high frequencies and assists materially in affording noise-free reception. The circuit employs two all-metal tubes: a 6Q7 as a noise silencer detector—1st audio amplifier and a 6J7 noise-silencer amplifier.

EMPLOYS IRON-CORE EXPANDING I.F.'s

It incorporates a sensitive superheterodyne circuit which uses ten new all-metal type tubes: a 6K7 r.f., 6L7 1st detector, 6C5 signal frequency oscillator, 6K7 first i.f., 6L7 second i.f., 6R7 second detector and beat oscillator, 6J7 noise silencer amplifier, 6Q7 noise silencer detector and first audio, 6F6 output and a 5Z4 rectifier. The i.f.'s are arranged with two-step expansion; with the widest expansion it is 50 kc. wide at two times down.

HAS A STAGE OF CONTROLLED R.F.

Control of the stage of radio-frequency amplification is available by means of a front panel adjustment. The signal frequency oscillator is electron-coupled and its output is fed into a 6L7 first detector.

In addition to the control for the stage of radio-frequency amplification, there is provided an audio control, a full-range tone control, a beat oscillator control, a "send-receive" standby switch, crystal filter control (with the model SX-10 which incorporates a crystal filter), antenna compensator, and AVC switch.

W21060—New Ultra Sky Rider model S-10 complete with ten tested all-metal Raytheon tubes, less crystal and loud speaker. For 110-volt, 50/60 cycle a.c. operation. Shpg. wt. 44 lbs.

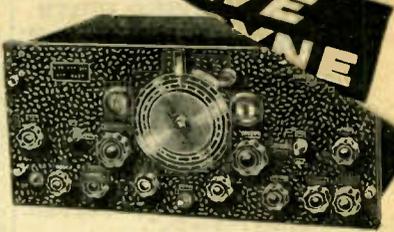
List Price, \$166.00
Your Cost **\$99.50**

W21061—New Ultra Sky Rider model SX-10 complete with ten tested all-metal Raytheon tubes and factory installed and tested crystal, less loud speaker. For 110-volt, 50/60 cycle a.c. operation. List, \$199.00. Shpg. wt. 44 lbs.

Your Cost **\$114.50**
W21059—10" permanent magnet loud speaker mounted in case for models S-10, S-11 and S-12.
Your Cost **\$12.00**

THE NEW 1937 SUPERHET

Features improved 10-meter performance, 7.5 to 560 meters in 5 bands, twostages of 465 kc., iron-core i.f.'s, single-signal crystal action, air-trimmed r.f.'s, seatite sockets in the i.f. circuits, 6G5 (Magic Eye), field strength indicator and tone control. The band-spread condenser is incorporated in the main tuning unit for increased efficiency. The antenna circuit is arranged for doublet or conventional type antenna.



USES NEW "BEAM TYPE" 6L6 OUTPUT

The tube lineup is a 6K7 r.f. stage, 6L7 1st detector, 6C5 oscillator, two 6K7's 1st and 2nd i.f.'s, 6R7 2nd detector-AVC-1st a.f., 6K7 electron-coupled beat oscillator, two 6L6's in output (14 watts undistorted), 5Z3 rectifier and 6G5 field strength indicator. Panel is beautiful Morocco finish, measures 8 3/4" high, 19" long. Can be rack or table mounted.

W21086—Model S-11 with 11 Raytheon tubes, less speaker and crystal. For 110 v., 60-cycle a.c. Shpg. wt. 50 lbs.

Your Cost **\$89.50**

W21083—Model SX-11 as above, but with factory installed and tested crystal. Shpg. wt. 50 lbs.

Your Cost **\$99.50**

W21059—10" permanent magnet loud speaker mounted in case for models S-10, S-11 and S-12.

Your Cost **\$12.00**

NEW! THE SKYRIDER COMMERCIAL

29 TO 3000 METERS IN FIVE BANDS

Similar to the Super SKYRIDER in appearance and construction but designed to cover the 600-meter ship band, 800-meter compass, NAA time, weather and news, as well as the short-wave bands. Just the thing for the jeweler or amateur and ship operator who enjoys an occasional watch on the high waves.

The tube complement is as listed above. Two stages of 1600 kc. i.f., amplification are incorporated, as well as all other features found in the Super SKYRIDER. A headphone jack in the first audio stage automatically cuts out the speaker when used.

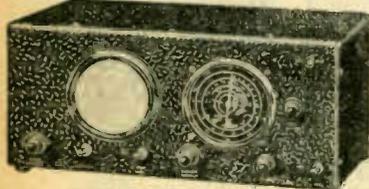
W21081—Model S-12 complete with 10 Raytheon tubes, less crystal and speaker. For 110 v., 60-cycle a.c.

Your Cost **\$99.50**

W21082—Model SX-12, as above, but with factory installed crystal-filter. Less speaker. Shpg. wt. 50 lbs.

Your Cost **\$114.50**

THE NEW 1937 "SKY-BUDDY"



A real junior model communication receiver at the amazingly low price of \$29.50 complete with built-in power supply, dynamic speaker and all tubes.

There is nothing else to buy—merely plug into any 110-volt, 60-cycle a.c. outlet, connect to aerial and tune in.

Covers 18 to 555 meters

in three bands. Uses iron-core i.f., stage, mechanical band spread, a.v.c., beat switch, headphone jack. Five tubes do the work of eight: 6A7 1st detector-oscillator, 6F7 i. f. and beat oscillator, 75 2nd detector— a.v.c.—1st audio, 42 power output and an 80 rectifier. Housed in a crystalline black metal case, 17x7 1/2 x 8 3/8" deep.

W21062—New Hallicrafter Sky-Buddy complete with 5 Raytheon tubes, speaker and power supply. For 110-volt, 50/60-cycle a.c. operation. Shpg. wt. 22 lbs.

Your Cost Complete **\$29.50**

NEW! THE SKYCHIEF SEVEN

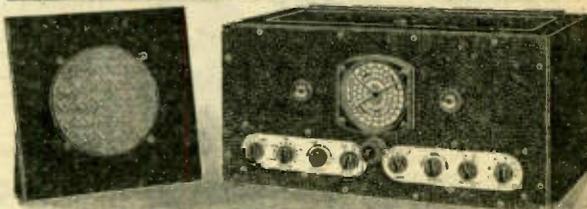
Designed expressly for the transmitting amateur and advanced short-wave listener. Includes features found in high-priced receivers. It covers all the short-wave, broadcast, amateur and code bands with the highest efficiency. Three bands are employed to cover 17 to 560 meters. Features include 465 kc. iron-core i.f. stage, a.v.c. action, 4 watts undistorted power output, continuous mechanical band spread, tone control, beat frequency control on panel, "send-receive" switch, headphone jack, built-in Jensen dynamic speaker, shading and noise suppression and high-gain preselection on-all bands.

6G5 SIGNAL STRENGTH INDICATOR
Employs seven latest type tubes to obtain ten-tube performance, a 78 r.f., 6A7 1st detector-oscillator, 6F7 i.f. and beat oscillator, 75 2nd detector and 1st audio, 42 output, 6G5 signal strength indicator and 80 rectifier. Housed in the same cabinet described above.

W21079—Hallicrafter Sky Chief complete with seven tested Raytheon tubes and built-in power supply and speaker. For 110 volts, 60 cycles a.c. Shpg. wt. 43 lbs.

Your Cost Complete **\$44.50**

RCA ACR-175 ALL-METAL TUBE SHORT-WAVE SUPER COVERS 5 and 10 METER BANDS (5-600 meters)



RCA presents the new ACR-175 short-wave communications receiver at a price within reach of every amateur and complete with every modern development. It includes the 5 and 10-meter bands within its tuning range (5-600 meters-500-60,000 kc.) and is supplied complete with crystal, all tubes, power supply and loud speaker. There is nothing else to add or buy—merely plug into any 110-volt, 25/60-cycle a.c. outlet.

A modern superheterodyne circuit employs the following all-metal tube complement: 1-6H6, 2nd detector and a.v.c., 3-6K7 r.f. and i.f. amplifiers, 2-6J7 oscillators, 1-6L7 1st detector, 1-6F5 1st audio amplifier, 1-6F6 audio output, 1-5Z4 rectifier and a 6E5 electron-ray tube for visual tuning and signal strength indication. A stage of tuned r.f. amplification is used on the three bands covering 500 to 15,500 kc., thus assuring low-image frequency response and high signal-to-noise ratio. A separate rejection filter in the antenna circuit minimizes jamming from commercials operating near the i.f.

CALIBRATED FOR SIGNAL STRENGTH

Controls are: (1) combined power, tone control, stand-by switch; (2) calibrated signal-input control; (3) selectivity (crystal phasing) control; (4) automatic volume control "on-off" switch; (5) dual ratio vernier control; (6) range switch; (7) audio gain control; (8) beat oscillator "on-off" switch; (9) calibrated heterodyne control.

The entire unit (except the speaker) is housed in a metal, black crackle finished cabinet with a handsome white control panel and dial. Size: 22" long, 10 1/2" high, and 11 1/2" deep.

W21100—RCA ACR-175 communications type short-wave receiver complete with crystal, all tubes, power supply, 8" external dynamic speaker and book of complete instructions. For 105-125 volts, 25 cycles a.c. Shpg. wt. 65 lbs.

Your Cost **\$119.50**





Hammarlund "SUPER PRO" Receiver AND SHORT-WAVE EQUIPMENT

HAMMARLUND'S 25TH YEAR



15 TO 560 METERS—5-BAND TUNING

Features: dial accurately calibrated in kilocycles and megacycles, audio gain, r.f. gain, i.f. gain, selectivity control, beat frequency control, tone, speaker-phone switch, send-receive switch, a.v.c.—manual switch and c.w.—modulation switch.

USES 4 AIR-TUNED I. F.'S

Fifteen modern tubes are used in a precision superheterodyne circuit as follows: 2-6D6 r.f. on all bands, a 6C6 electron coupled oscillator, 6C6 beat oscillator, 6A7 1st detector, 3-6D6's as i.f.'s, a 6B7 combined 4th stage and double-diode 2nd detector, 6B7 separate amplified a.v.c., 76 1st audio, 42 driver, 2-42's outputs, a 5Z3 rectifier and a 1-V grid bias rectifier. The main tuning dial is accurately calibrated in megacycles in ranges of 2.5 to 5.5 to 10 and 10 to 20; in kilocycles from 540 to 1160 and 1160 to 2500. The h.f. ranges each have a 2 to 1 frequency range.

The dial is equipped with an ingenious mechanical shutter which operates in con-

junction with the band-changing switch, making visible only the frequency band in actual use. The receiver is housed in a black crystalline lacquer finished steel case 18" wide, 14 1/2" deep and 10 1/2" high. The power supply measures 13x7 1/2 x 8 1/2" high.

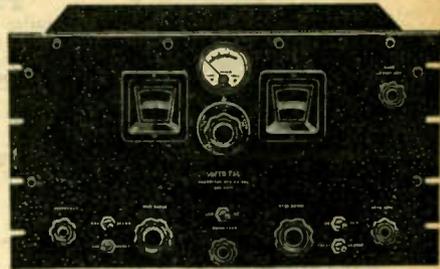
W21040—"Super-Pro" complete with tubes, power supply and Jensen C-8-R 8" dynamic speaker. SP10. Table model. Wt. 65 lbs.
Your Cost **\$223.44**

W21041—"Super-Pro" as above but with crystal filter. SP10X. Table model.
Your Cost **\$241.08**

W21042—"Super-Pro" as above, equipped for rack-panel mounting. Less crystal. Standard 19" panel. SPR10.
Your Cost **\$245.50**

W21043—"Super-Pro" rack-type with crystal filter. SPR10X.
Your Cost **\$263.13**

For Complete Details Send for Free Descriptive Booklet.



- ★ 2 R. F. STAGES ON ALL BANDS
- ★ FIFTEEN HIGH GAIN TUBES
- ★ ELECTRICAL BAND SPREAD
- ★ THREE HI-FI AUDIO STAGES
- ★ WITH VISUAL TUNING METER
- ★ SEPARATE GRID BIAS SUPPLY
- ★ COVERS BROADCAST BAND

Type "T" Mica-Tuned I. F. Transformers

Designed for experimental and replacement purposes. Lattice-wound coils impregnated against moisture. 465 kc. units are Litz-wound. Condensers are highest grade mica type on Isolantite base and are adjustable from top of shield can. Shield is 2 1/2" diameter by 3 1/4" high. Threaded lugs for mounting on 2" centers. With s.g. caps.

Not Tapped
W8539 465 kc.
W8540 465 kc.

Peaked At
W8466 175 kc.
W8467 465 kc.

Center Tapped
W8466 175 kc.
W8467 465 kc.

Your Cost Each, Any Type **97¢**
W8541—465 kc. beat oscillator for above.
Your Cost Each **\$1.18**

Variable Coupling I. F. Air-Tuned Transformer

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. Coupling may be fixed or varied from front of panel using unit listed below.

W8536—For 465 Kilocycles
Your Cost Each **\$3.23**

W8536—Type VTC panel control unit for up to 41 f.t.s.
Your Cost Each **\$1.47**

Litz-Wound Air-Tuned I. F. Transformers

These units will retain their original settings to within 1/10 of 1%. Coils are Litz-wound, condensers of air-dielectric type. Exceptional "Q" of 115 with gain of 200 per stage. Beat oscillator has lever to obtain 1000 or 1500 kc. note.

Can is 2 3/8" in diameter, 5" high. Mounted by 2 screws through bottom of shield can. Type ATT.
Not Tapped
W8452 465 kc.
W8453 175 kc.
W8454 465 kc. beat oscillator.
Your Cost Each **\$2.65**

Peaked At
W8495 465 kc.
W8493 175 kc.

Center Tapped
W8495 465 kc.
W8493 175 kc.

Not Tapped
W8495 465 kc.
W8493 175 kc.

Peaked At
W8495 465 kc.
W8493 175 kc.

Center Tapped
W8495 465 kc.
W8493 175 kc.

STAR Midget Condensers

Non-corrosive aluminum plates, Bakelite insulation. Single-hole mount, 1/4" shaft. Wiper spring contact to rotor plates insures perfect contact.

Stock No.	Cap. Mmfid.	Depth Inches	Your Cost
W8482	15	1 1/2	49¢
W8483	25	1 1/2	
W8484	50	3/8	53¢
W8485	100	1 1/2	58¢
W8486	140	1 1/2	73¢
W8487*	35	1 1/2	59¢
W8469*	50	1 1/2	73¢

*Double-spaced transmitting units.

Band Spread Midgets

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

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

Dual-Speed Midgets

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

Stock No.	Type No.	Cap. Mmfid.	Your Cost
W8468	MC20SX	25	\$1.18
W8488	MC35MX	33	1.32
W8489	MC50MX	50	1.62
W8490*	MCD35MX	33-83	2.06

*Split-stator condenser.

MICA TRIMMERS

Isolantite bases. "A", (type MICS), is 1 1/2" x 1 1/2", mounting centers 1 1/4". "B", (type MEX) is only 5/8" x 3/4"; for use in small spaces, self-supported in wiring.

Stock No.	Type	Cap. Mmfid.	Your Cost Ea.
W9952	A	10-70	29¢
W9953	A	70-140	35¢
W9954	A	140-220	41¢
W9955	A	600-1000	59¢
W9747	B	3-30	18¢

Improved Midget Units

Non-corrosive plates; Isolantite 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; step is provided; all are clockwise rotation.

Stock No.	No. of Plates	Cap. Mmfid. 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. Mmfid. Min. Per Sec. Cap. Your Cost

W8519† 140 7 \$2.35
W8520† 100 6 2.06

*Semi-circular plates; †Midline

Air-Padding Condensers

Isolantite base; soldered brass plates; .015" air-gap; only 1 1/2" x 1 1/2" high. Screw-driver adjustment; maintain constant capacity under all climatic conditions. Type APC.

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

Equalizers

Mica dielectric; Bakelite base; phosphor bronze plates; Size of base 1 1/4" by 1 1/4". May be attached directly to binding post of socket, etc.
W9748—3 to 35 mmfid.
Your Cost Each **15¢**
W9749—25 to 80 mmfid.
Your Cost Each **24¢**

W8412—
Your Cost **35¢**

Shaft Coupling

Bakelite canvas; brass bushings for 1/4" shafts; 4 set-screws for shaft; overall diameter 1 1/2".
Your Cost **35¢**

Shielded R. F. Choke

Shielded for use in hi-gain circuits. 3 universal-wound pies. Inductance, 10 mh., d.c. resistance, 65 ohms, rated at 100 ma. 1 1/2" diameter.
W8523—Type CH10S
Your Cost Each **59¢**

Isolantite 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 1 1/2" on Isolantite spool.
W8524—Type CH-8
Your Cost Each **65¢**

Heavy-Duty R. F. Choke

For hi-power rigs working in the 20, 40, 80 and 160-meter bands. Six pies on Isolantite core carry 500 ma., continuous. Inductance 2.5 mh., d.c. resistance 8 ohms.
W8522—Type CH-500
Your Cost Each **\$1.03**

MIDGET R. F. CHOKE

5 universal-wound pies on Isolantite core 1 1/2" long, 1/2" in diameter. Inductance 2.1 mh., d.c. resistance 35 ohms, rated at 125 ma. With long, tinned copper leads. An efficient space-saver.
W10002—Type CH-X
Your Cost Each **44¢**

Isolantite 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
Your Cost Ea. **59¢**

H. F. ACORN SOCKET

Isolantite base. Silver-plated double-grip spring clips. 1 1/2" diameter. Aligning plug.
W8473—Type
Your Cost Each **88¢**

S-900

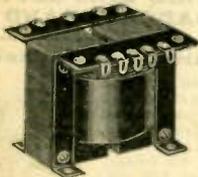
Your Cost Each **88¢**

Trutest TRANSFORMERS and CHOKES

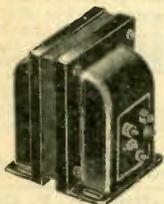
The TRUTEST transformers and choke coils listed on this page cover practically all the popular types used in amateur stations. In the event that you should require a unit not listed here, we will be glad to quote you low wholesale prices on specifications submitted by you.



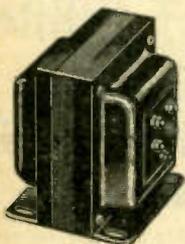
Type D Mounting—Fully shielded. Can be mounted so as to have the terminals above or below chassis.



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 Fila.	Size Inches	Your Cost
W1517	C	150	800 ct.; 2½ v. ct.—5 a.; 2½ v. ct.—12 a.; 5 v.—3 a.	4¾ x 3¾ x 4½	\$3.25
W5539	G	200	1000 ct.; 2½ v. ct.—14 a.; 5 v.—3 a.	4¾ x 3¾ x 4½	4.00
W1516	C	175	1160 ct. 2½ v. ct.—10 a.; 2½ v. ct.—3 a.; 5 v.—3 a.	4¾ x 3¾ x 4½	3.75
W5540	G	200	1200 ct. 2½ v. ct.—10 a.; 7½ v. ct.—3 a.; 5 v.—3 a.	5¾ x 3¾ x 4½	4.95
W5521	G	150	800-0-800	5¾ x 3¾ x 4½	3.75
W2551	B	200	550-0-550	5½ x 4¾ x 3¾	5.75
W5522	G	250	800-0-800	6½ x 3¾ x 4½	5.50
W5523	H	350	900-750-0-750-900	6 x 4½ x 4¾	8.50
W5524	H	500	1400-1250-0-1250-1400	7¾ x 7¾ x 7½	16.00
W5525	H	400	2000-1600-0-1600-2000	7¾ x 7¾ x 7½	24.75
W5526	A	500	3000-2500-0-2500-3000	15 x 10¾ x 9½	32.50
W5527	H	200	1400-1250-0-1250-1400	7 x 5¾ x 5½	10.00

FILAMENT TRANSFORMERS

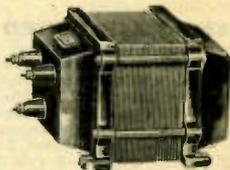
Stock No.	Mount. Type	Windings Volts and Amps.	Insula. Volts	Size Inches	Your Cost
W2542	B	2½ v. ct. 10 a.	10,000	4¾ x 4¾ x 3½	\$3.40
W2544	B	7½ v. 5 amps	5,000	4¾ x 4¾ x 3½	3.25
W2545	B	7½ v. 5 amps	5,000	4¾ x 4¾ x 3½	3.75
W2546	B	10 v. ct. 8 a.	5,000	4¾ x 4¾ x 3½	3.75
W2547	E	10 v. ct. 4½ a.	2,500	3¾ x 2¾ x 3¾	1.75
W2549	E	2½ v. ct. 5 a. (2) 5 v. ct. 3 a.	2,500	3¾ x 2¾ x 3¾	1.75
W2031	E	2½ v. 5 a.; 5 v. 3 a.; 7½ v. 3 a.	2,500	3¾ x 2¾ x 3¾	1.75
W2032	E	2½ v. 5 a.; 7½ v. 3 a.; 7½ v. 3 a.	2,500	3¾ x 2¾ x 3¾	1.75
W2033	E	3 secondaries, 7½ v. at 3 a.	2,500	3¾ x 2¾ x 3¾	1.75
W2034	E	7½ v. 3 a. (2) 5 v. 3 a.	2,500	3¾ x 2¾ x 3¾	1.75
W5508	E	2½ v. ct. 20 a.	2,500	3¾ x 2¾ x 3¾	1.50
W5509	E	7½ v. ct. 6½ a.	2,500	3¾ x 2¾ x 3¾	1.75
W5510	E	10 v. ct. 6½ a.	2,500	3¾ x 2¾ x 3¾	2.00
W5511	E	6.3 v. ct. 5 a.; 5 v. ct. 6 a.	2,500	3¾ x 2¾ x 3¾	2.00
W5512	E	2½ v. ct. 12 a.	5,000	3¾ x 2¾ x 3¾	1.75
W5513	E	5 v. ct. 3 a. (2) 5 v. ct. 6 a.	2,500	3¾ x 2¾ x 3¾	2.00

SMOOTHING AND SWINGING CHOKES

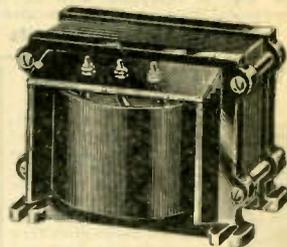
Stock No.	Mount. Type	Induc. Hen.	Ma.	Resis. Ohms	Dimensions Inches	Your Cost
W5518	F†	5/25	200	140	4¾ x 3¾ x 4½	\$2.50
W5519*	G**	5/25	300	105	4¾ x 3¾ x 4½	3.75
W5520*	G**	5/25	500	70	6½ x 3¾ x 4½	6.50
W2535*	B#	5/25	750	40	12 x 7½ x 5½	11.25
W5515	F†	12	200	140	4¾ x 3¾ x 4½	2.50
W5516	G**	12	300	105	4¾ x 3¾ x 4½	3.75
W5517	G**	12	500	70	6½ x 3¾ x 4½	6.50
W2536	D†	15	150	110	4¾ x 3¾ x 4½	2.40
W2537	D**	15	250	100	5 x 3¾ x 4½	3.95
W2538	D**	30	150	130	5 x 3¾ x 4½	3.95
W2539	B**	30	250	100	5½ x 6¾ x 4¾	6.75

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

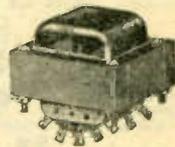
All TRUTEST components are fully guaranteed under RMA standards and are individually tested and constructed to conform with the highest standards of the industry. Design and materials are such as to withstand unusually severe service over long periods.



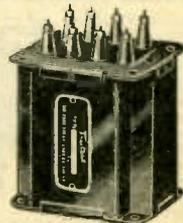
Type A Mounting—Totally enclosed. Massive die-cast frame with metal end covers. Terminals are of the ceramic stand-off type.



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.

OUTPUT TRANSFORMERS

W2559—Primary 10,000 ohms with ct., for class "A" push-pull 59 triodes, 71A's, 2B6's, single 210, 41, 268A, 2A3; class "B" push-pull 49's, 53's, 79's, 89's. Also 6000 ohms for class "A" push-pull 62A's, single 31, 46, 59. Secondary 3500-5000 ohms. D mounting, 4¾ x 3¾ x 4½". Shpg. wt. 6 lbs.

Your Cost Each **\$3.50**

NEW CLASS "B" OUTPUT UNIT

W5628—Primary designed to match, push-pull 838's or 203A's in class "B" into 6,000, 5,000, or 3,500-ohm r.f. load. Will handle 260 watts of audio frequency. Type H mounting, 7x5½x6¾". Shpg. wt. 30 lbs.

Your Cost Each **\$16.25**

CLASS "B" INPUT TRANSFORMERS

W2557—Push-pull 45 or 59 plates to two 210, 800, 830 or RK-18 grids. Type D mounting, 3½ x 2¾ x 3½". Shpg. wt. 5 lbs.

Your Cost Each **\$3.95**

W2558—Push-pull 250 or 2A3 plates to two 203 grids. Type D mounting, 3½ x 2¾ x 3½". Shpg. wt. 5 lbs.

Your Cost Each **\$4.75**

W5538—Driver 45, 42 or 2A5 plate to 2A5, 42 or 45 "A" prime grids. Type D mounting, 3½ x 2¾ x 3½". Shpg. wt. 5 lbs.

Your Cost Each **\$2.75**

PLATE TRANSFORMER SPECIALS

W1512 This brute will lend sock to your rig. 1000-800-0-800-1000 volts at 300 ma. Type E, sturdy unceased mounting. Primary 115 v., 50/60 cycles a.c. Shpg. wt. 13 lbs.

Your Cost Special **\$5.90**

W1513 A real high power job for the medium power transmitter. 1500 volts center-tapped, at 200 ma. Type E mounting. Shpg. wt. 8 lbs.

Your Cost Special **\$2.75**

300 MA. SMOOTHING CHOKE

W1514—A fitting match for the above or similar units. A real low ohmic resistance, 100 ohms, insures good regulation. Inductance 12 henrys, current carrying capacity 300 ma. Type E mounting. Shpg. wt. 8 lbs.

Your Cost Special **\$2.65**

Suppressor Grid Modulation Transformers

W5498—Push-pull plates to suppressor grid of one or two RK20 or similar type tubes. Type D mounting. Shpg. wt. 6 lbs.

Your Cost Each **\$3.45**

W5499—Single 2B6 or 6B5 plate to one or two RK-20 or similar type tube grids. D mounting. Shpg. wt. 6 lbs.

Your Cost Each **\$3.45**



TRANSMITTING Accessories



UNIVERSAL TRANSCIEVER SETS



Encased in highly polished molded Bakelite, weighs only 15 ounces. Include 6-foot multi-connector cord. Double button unit has resistance of 200 ohms per button. The 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

Stromberg-Carlson HAND MICROPHONE



Ceramic-insulated 200-ohm button with curvilinear diaphragm. Output level minus 18 db. Matching impedance 100 ohms. Can be operated in any position, not affected by normal humidity and will withstand severe shock. 8" long; with 2-foot cord. **W13596**—**\$4.95**
Your Cost

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 book of directions and 80 selections. 12 1/2 x 8 1/2 x 3". Shpg. wt. 6 lbs. **W14013**—Your Cost **\$4.50**

BLILEY CRYSTALS

LD2 Ham Frequency Crystals

The finest crystal available for the amateur bands at a moderate price. Guaranteed coefficient of 4, or under, cycles/mc./°C. Temperature control is not essential. Frequency guaranteed within .03% when operated under normal conditions. Mounting is of molded Bakelite with electrodes of stainless steel, machine-lapped. Fits any standard 5-prong socket. For 40, 80 and 160-meters. **W13585**—Specify freq. desired **\$4.80**
Your Cost Complete

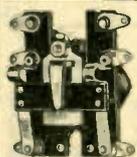


HF2 20-METER MOUNTED CRYSTAL

Offers control for 20, 10 and 5 meters. Easily excited; frequency drift only 20 cycles/mc./°C. Holder of Victron G and plugs into any standard 5-prong socket. Furnished within 0.2% of your specified frequency in the 20-meter band or between 14.4 and 15.0 mc., for frequency multiplying to 10 and 5 meters. Specify frequency desired. **W13515**—14.0-14.4 mc. **W13497**—14.4-15.0 mc. **\$7.50**
Your Cost Complete, Either Type

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 1/2 ounces. Will fit the usual 5-prong socket. **W13098**—20-40 meter. **W13099**—80-160 meter. **\$1.00**
Your Cost, Either Type



DUNCO RA1-RD1 Relays

Both units are 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 x 2 x 1 1/2" deep. Shpg. wt. 2 lbs. **W14030**—RA1 **\$2.00**
Your Cost

W14031—RD1 **\$2.00**
Your Cost

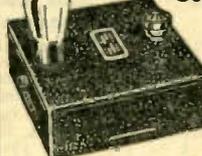
BC3 HAM Crystals

Of the X-cut power type. Accurate within .03% of rated frequency. 23-cycle drift. For 40- and 80-meter bands only. Complete with Bakelite molded holder. Specify frequency and accuracy desired when ordering. (Plus or minus.) **W13531**—Your Cost as Listed. 10 Kc. 5 Kc. 1 Kc. Exact **\$3.95 \$4.90 \$5.90 \$7.50**



NATIONAL Code Oscillator

Contains 4 cells to supply all voltages to a 30 tube. Ideal as a audio signal source, code practice oscillator, etc. Type CPO. Shpg. wt. 6 lbs. **W14018**—Oscillator less tube and batteries. **\$3.60**
Your Cost



New Trutest X'tal FOR 20-METER BAND

At last a reliable crystal for 20-meter fundamental control, and priced as usual for the ham. Has a drift of approximately 20 cycles/mc./°C., positive and is accurate within 1/10 of 1%. Complete with holder described below. Furnished at a frequency in the band but available at your specified frequency with slight delay for grinding. **W13500**—Complete. **\$5.75**
Your Cost



Lafayette Crystal Holders have solid brass plates, Bakelite case, phosphor-bronze spring, fits any 5-prong socket. 1 1/2" high by 1 1/2"; illustrated above. **W13192**—For 80 and 160-meter. **W13190**—For A-T cut. **W13191**—For 40-meter. **Your Cost Each, \$89¢**

Trutest 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 Frequency Your Cost

No.	Kilocycles	Cost
W13501	7000-7300	\$3.75
W13502	3500-4000	\$2.45
W13503	1700-2000	
W13504	500-1700	3.95

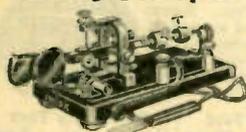


Oscillating Blanks

Quartz blanks about 1" square with rounded corners. Furnished X or Y cut for 80-meter band, but uncalibrated. Specify cut. A reliable crystal for home grinders. **W13461** **\$1.75**
Your Cost

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 pros. 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. 1/4" 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 x 6 1/2 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¢**



SIGNAL KEYS & PRACTICE SETS

R68 Code Practice Sets



Key and high frequency buzzer on polished hardwood base. For code practice and two-way communication. Hook battery to terminals and it is ready for code practice. With metal code plate on base. Base 7 x 4 1/2". Shpg. wt. 2 lbs. **W14001**—Less cell. **\$2.00**
Your Cost

R69 Junior Code Set

Similar to above but with metal base. Serves the purpose fully and inexpensively at that. Has code printed on a metal plate and fastened to the base. With binding posts and rubber feet. Non-adjustable buzzer. Wt. 2 lbs. **W14014**—Your Cost **\$1.03**

High Frequency Buzzer

High frequency buzzer for modulating a c.w. carrier or for making code practice set. Black crystalline case. Adjustable. Shpg. wt. 1 lb. **W14006**—Your Cost **82¢**



R-50 Amateur Key

Black, cast, base. Coin silver contacts. Nickered parts. Shpg. wt. 2 lbs. **W14009**—Your Cost **88¢**



TELEGRAPH KEY

A telegraph key with a switch to close contacts. Polished lacquered brass base. Key and switch lever nickered. Shpg. wt. 4 lbs. Type M100 **W14017**—Your Cost **\$1.75**

R48 as above, less switch. **W14005**—Your Cost **\$1.65**



Adjustable X'tal Holder

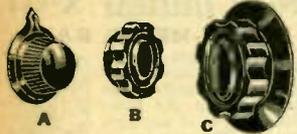
Molded Bakelite holder. Thumb screw adjustment. Shpg. wt. 1 lb. **W13559**—Standard prongs. **W13560**—With GR. type plugs. **Your Cost Each, \$79¢**
Either Type



Send for our new amateur catalog No. 66W—it's free.

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

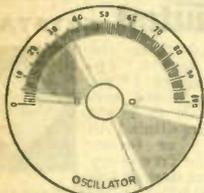
W13013—Type B. 1 1/2" diameter, knurled edge.
Your Cost Each 23c

W13012—Type B. 2 1/4" 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. Specific marking desired.

W9858—Your Cost Each **41c**

As above, but 2 1/4" diameter. Available marked Neutralization; and blank.

W9857—Your Cost Each **33c**

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

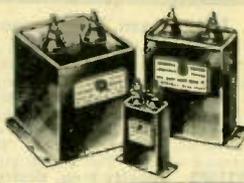
W9903—Your Cost Each **23c**



GENERAL ELECTRIC HEAVY DUTY CAPACITORS

Pyranol Filled; with Porcelain Standoffs

Stock No.	Cap. Mfd.	D.C. Volts	Wkg. Working	Your Cost
W3753	1	1000	4	\$1.76
W3754	2	1000	4	2.65
W3755	4	1000	4	4.12
W3756	1	1500	2	2.20
W3757	2	1500	2	3.67
W3758	4	1500	2	5.29
W3759	1	2000	2	3.09
W3760	2	2000	2	4.70
W3654	4	2000	2	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.	Wkg. Volts	Ht. In.	Your Cost
W2994	1	600	2 1/2	\$1.03
W2995	2	600	2 1/2	1.62
W2996	4	600	4	2.65
W2997	1	1000	2 1/2	1.47
W2998	2	1000	4	2.65
W3004	4	1000	4 1/2	4.12
W2999	1	1500	2 1/2	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

Truest 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 5x5x1" to 2" according to capacitance. Shpg. wt. 2 lbs.



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

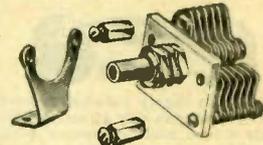
AEROVOX Hi-Voltage Oil-Filled and Impregnated Transmitting Units

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.	Wkg. Volts	Size-Ins. Dia. Ht.	Type No.	Your Cost
W4793	1	1000	2 x 5 1/2	1005	\$1.59
W4794	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



CARDWELL TRIM-AIR MIDGET CONDENSERS



Insulantite insulation (except 140-mmfd. type); can be ganged for sub-panel or shelf mounting. Supplied with detachable shaft and single-hole mount fittings. Used in receivers and transmitters.

Stock No.	Cap. Mfd.	Type	Your Cost
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
W8599	Type ZV5TS	new ultra h.f. trim-air, 3 plates; for 5 meter. Cap. - 5 mmfd.; split, 1.2.	73c
W8638	Mounting bracket	with 2 screws and nuts.	6c
W8639	Extension shaft	for ganging midgets.	4c
W8640	Mounting posts	with screws and lock washers.	6c
Your Cost, Pair			6c

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. 1 lb. 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**

BIRNBACH STAND-OFF INSULATORS



Made of highly glazed porcelain with nickel-plated hardware. Ideal as stand-off for apparatus, aerial lead-in, etc. Hardware can be removed if desired for insertion of any other type of screw or plug. The 4 1/2" unit has a breakdown voltage, conservatively rated, of 10,000. With rods, two make a lead-in.

STEATITE CONES

Made of white, brilliantly glazed Steatite, offering maximum insulation. For the mounting of condensers, coils, tube sockets and high-frequency apparatus. The sizes listed below are adequate for most needs.

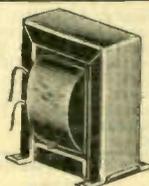
W17001	—3/4" high, 3/8" base diam.	threaded both ends 6-32.	6c
W17002	—1" high, 1/2" base diam.	threaded both ends 8-32.	9c
W17003	—1 1/4" high, 3/8" base diam.	threaded both ends 10-32.	12c

Stock No.	Size-In. Dia. Ht.	Your Cost
W17061	3/8 x 3/8	4c
W17062	1/2 x 1	5c
W17063	1 x 1 1/2	7c
W17064	2 x 2 1/2	18c
W17065	3 1/2 x 4 1/2	29c

THORDARSON ELECTRIC MFG CO

HI-POWER TRANSFORMER AND CHOKE 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 3/4". With color-coded leads. Shipping weight 12 pounds.
W226—Your Cost Each, Special **\$2.45**
Heavy-duty choke to match above; 12 henrys at 250 ma. 3/4" high. 3" wide. Mounting centers 2 1/4". Shipping weight 3 lbs. **\$1.95**
W227—Your Cost Each, Special

SANGAMO Transmitting Mica Condensers

Dielectric is finest ruby mica and the entire condenser cased in brown molded Bakelite. Screw terminals are provided on both sides of each unit for flexibility of hookup. Overall dimensions are 1 1/2" long, 1/2" thick (varies slightly with capacitance) and 1 1/4" wide. These condensers are impervious to climatic and temperature changes.

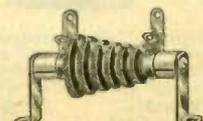


1000 Volts Test				1000 Volts Test				2500 Volts Test			
Stock No.	Cap. Mfd.	Your Cost		Stock No.	Cap. Mfd.	Your Cost		Stock No.	Cap. Mfd.	Your Cost	
W3050	.0004	23c		W3074	.012	70c		W3785	.015	\$2.03	
W3051	.0005	23c		W3075	.015	73c		W3845	.02	2.32	
W3053	.001	23c		W3766	.02	1.09		5000 Volts Test			
W3054	.0015	23c		2500 Volts Test				W3085	.0005	53c	
W3055	.002	23c		W3771	.0005	41c		W3076	.0005	73c	
W3056	.0025	23c		W3772	.001	41c		W3077	.001	53c	
W3058	.0035	23c		W3773	.0015	41c		W3078	.0015	59c	
W3060	.005	23c		W3774	.002	41c		W3079	.0025	62c	
W3048	.007	23c		W3775	.0025	41c		W3080	.002	62c	
W3061	.01	23c		W3776	.005	41c		W3081	.002	1.32	
W3063	.015	23c		W3777	.01	53c		W3082	.001	88c	
W3064	.02	29c		W3778	.015	68c		W3084	.0015	1.15	
W3066	.03	35c		W3779	.02	79c		W3761	.003	1.62	
W3068	.04	35c		W3780	.003	91c		W3762	.004	1.85	
W3069	.05	41c		W3781	.004	91c		W3763	.005	1.94	
W3070	.06	50c		W3782	.005	1.03		W3764	.006	2.06	
W3072	.08	59c		W3783	.006	1.03		W3765	.01	2.41	
W3073	.01	67c		W3784	.01	1.65					

Truest TRANSMITTING R. F. CHOKE COILS

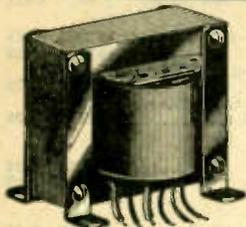
Extremely low power losses. Six lateral wound tapered sections on Insulantite base. Distributed capacitance 1 mmfd.

Stock No.	Ind. Mh.	Curr. Ma.	Res. Ohms	Your Cost
W10234	2.8	1000	5	98c
W10235	5.3	500	12.5	



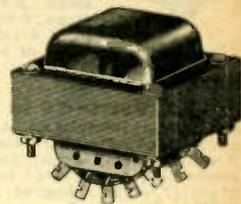
Trutest Power Transformers

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 **65¢**

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 **88¢**

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 1/2 x 3 1/2"; centers 3 1/2 x 2 1/2".
Shpg. wt. 6 lbs.
W1492—Your Cost Each **\$1.25**

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 1/2 x 3 1/2"; centers 3 1/2 x 2 1/2".
Shpg. wt. 8 lbs.
W1505—Your Cost Each **\$1.55**

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 1/2 x 3 1/2"; centers 3 1/2 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 1/2"; centers 3 1/2 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 1/2 x 3 3/4". Mounting Centers: 3 1/2 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 1/2 x 3 3/4". Mounting Centers: 3 1/2 x 1 1/2". 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 1/2 x 3 3/4". Mounting Centers: 3 1/2 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 1/2 x 3 3/4". Mounting Centers: 3 1/2 x 2 1/2". 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 1/4". 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 1/4". 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¢**

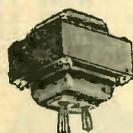
For 6 Tube Sets
Mounting Area: 3x2 1/4". Mounting Centers: 2 1/2 x 2". Primary: 115 volts, 50-60 cycles. Secondaries: (1) 600 volts c.t. at 50 ma.; (2) 6.3 volts c.t. at 2 amps.; (3) 5 volts at 2 amps.
Shpg. wt. 4 lbs.
W518—Your Cost Each **\$1.25**

For 7 and 8 Tube Sets
Mounting Area: 3 1/2 x 3 1/4". Mounting Centers: 3 1/2 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.
W519—Your Cost Each **\$1.85**

For 9 and 10 Tube Sets
Mounting Area: 3 1/2 x 3 1/4". Mounting Centers: 3 1/2 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.
W520—Your Cost Each **\$1.98**

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

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

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 1/2 x 3 1/2 x 3 1/2". Shpg. wt. 5 lbs.
W1451—Your Cost **\$1.58**

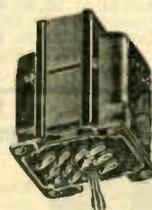
2.5 Volts—8 and 9 Tubes
Secondaries: 700 volts c.t. at 90 ma.; 2.5 volts c.t. at 10.5 amps.; 2.5 volts c.t. at 3 amps.; 5 volts at 3 amps. Dimensions: 3 5/8 x 4 1/4 x 3 1/2". Shpg. wt. 7 lbs.
W1452—Your Cost **\$1.95**

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 1/2 x 3 3/4". Shpg. wt. 4 lbs.
W5492—Your Cost **\$1.10**

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 1/2 x 3 1/2 x 3 3/4" high. Shpg. wt. 8 lbs.
W5493—Your Cost **\$1.45**

Schematic diagrams showing all connections are supplied.

Trutest Upright Shield Transformers



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

These fully shielded upright mounting transformers are ideal for replacement purposes or for the new set builder. All accurately rated. All have bottom connections. Furnished with detailed wiring instructions.

2.5 Volts—7 Tubes
Secondaries: 750 volts c.t. at 70 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.
W1958—Your Cost **\$2.35**

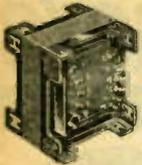
2.5 Volts—9 Tubes
Secondaries: 750 volts c.t. at 90 ma.; 2.5 volts c.t. at 10.5 amps. (for 6 heaters); 2.5 volts c.t. at 3.5 amps. (for 2 power tubes); 5 volts at 2 amps. (80 rect.) Shpg. wt. 8 lbs.
W1961—Your Cost **\$2.35**

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, 2 amps. (for 80 rect.). Shpg. wt. 8 lbs.
W1963—Your Cost **\$2.35**

We Will Not Knowingly Be Undersold

Trutest

Universal Mounting Transformers



All primaries for 105-120 volts, 50-60 cycles a.c.

2.5 Volts—8 to 10 Tubes

Secondaries: 700 volts e.t. at 110 ma.; 2.5 volts e.t. at 8.75 amps.; 2.5 volts e.t. at 3.5 amps.; 5 volts e.t. at 2 amps. Size: $4\frac{1}{2} \times 3\frac{3}{4} \times 3\frac{1}{2}$, centers $1\frac{1}{2}$ to $2\frac{1}{4} \times 1\frac{1}{4}$ to $2\frac{3}{4}$, or $1\frac{1}{2}$ to $2\frac{1}{4} \times 1\frac{1}{4}$ to $3\frac{1}{2}$. Shpg. wt. 6 lbs.

W1477—Your Cost \$2.30

2.5 Volts—10 to 12 Tubes

Secondaries: 700 volts e.t. at 110 ma.; 2.5 volts e.t. at 12.25 amps.; 2.5 volts e.t. at 3.5 amps.; 5 volts e.t. at 2 amps. Size: $4\frac{1}{2} \times 3\frac{3}{4} \times 3\frac{1}{2}$; centers $1\frac{1}{2}$ to $2\frac{1}{4} \times 1\frac{1}{4}$ to $2\frac{3}{4}$, or $1\frac{1}{2}$ to $2\frac{1}{4} \times 1\frac{1}{4}$ to $3\frac{1}{2}$. Shpg. wt. 10 lbs.

W1475—Your Cost \$2.55

For The Old Type Sets

2.5 Volts—7 to 9 Tubes

Secondaries: 600 volts e.t. at 70 ma.; 2.5 volts e.t. at 10.5 amps.; 5 volts e.t. at $\frac{1}{2}$ amp. (2-71A's); 5 volts at 2 amps. Same size and centers as W1477. Shpg. wt. 6 lbs.

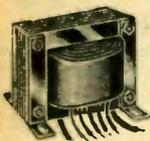
W1463—Your Cost \$2.30

1.5 Volts—8 to 10 Tubes

Secondaries: 600 volts e.t. at 80 ma.; 1.5 volts e.t. at 6.3 amps (for 26's); 5 volts e.t. at $\frac{1}{2}$ amp. (2-71A's); 5 volts at 2 amps. Same size and centers as W1477. Shpg. wt. 6 lbs.

W1476—Your Cost \$2.30

Field Exciter Transformers



Open type with long color coded leads. Have primary, high voltage and rectifier filament windings. Deliver full rated voltages and current. Primaries for 105-120 volts, 50-60 cycles. a.c. Average size $3 \times 2\frac{1}{4} \times 2$. Shpg. wt. 4 lbs.

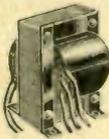
W2291—Delivers 250 volts at 50 ma. with 80 rectifier. Your Cost Each \$1.45

W5506—Delivers 100 volts at 110 ma. with 80 rectifier. Your Cost Each \$1.95

W5507—Delivers 160 volts at 160 ma. with 83 rectifier. Your Cost Each \$2.25

Exciter Lamp Transformer

For supplying exciter lamp current for either 8-volt lamps at 4 amps., or 10 volt lamps at 7.5 amps. Tapped secondary permits change from one type to the other. Ruggedly built with ample overload and safety margin. Dimensions, $3\frac{1}{2} \times 3\frac{3}{4} \times 3$. Available with mounting brackets for either horizontal or vertical mounting. Specify type desired. Shipping weight 5 lbs.



W2015—Your Cost \$2.45

UTC Varitone



Permit full control of audio response. Enable tone correction or emphasis of high or low notes. Help attenuate "lows" that cause reverberation. Types VT-1 and VT-2 used in conjunction with a 50,000 ohm potentiometer. Technical details (curves, etc.) sent on request. Shipping weight each, 2 lbs.

Type VT-1: Designed to work from a single plate or low impedance line or mike to one or two grids.

W5531—Your Cost \$5.00

Type VT-2: For insertion across a 200 or 500 ohm line or across a 5000 to 20,000 ohm plate.

W5532—Your Cost \$3.53

Type VT-3: Connects directly from plate to B plus of first audio triode. No external control used.

W5533—Your Cost \$3.00

NOTE

We carry in stock at all times a most complete line of every type of power transformer. Special power transformers, requiring different type windings, can be supplied at a most reasonable cost, to your own specifications. Orders promptly handled.



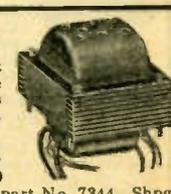
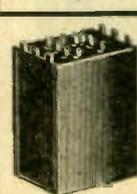
POWER

Name of Radio and Model	Stock No.	Your Cost
ALL AMERICAN MOHAWK		
Lyric 90, 93, 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
41 D.C. Complete Pack	W1383	1.95
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
29-825	W2336	4.20
48	W2260	3.10
58	W2261	3.25
Model 20	W2432	2.95
Model 250-P	W2433	3.95
Model 312	W5588	4.95
BRANDES		
B-10 and B-11	W2050	2.75
B-15 and B-16	W2051	4.95
BRUNSWICK		
2-KRO, 3-KRO, 3-KR6, 5-KR, 5-KR6, 5-KR6	W2150	1.35
3-NC8 and 5-NC8	W2153	2.50
11, 12, 16, 33	W2083	2.95
15, 22, 32, 42	W2085	2.25
17, 24, 25	W2084	3.95
CLARION (See Page 118)		
COLONIAL		
31	W2363	3.40
32	W2279	2.90
36-114, 38-117, 39-125	W2225	3.75
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

Name of Radio and Model	Stock No.	Your Cost
EDISON		
R-4, R-5 and C-4	W2251	\$3.85
R-6 and R-7	W2306	4.10
R-1, R-2 and C-2 (Plate Transformer)	W2350	2.75
R-1, R-2 and C-2 (Filament Transformer)	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 32	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 Power 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-60S	W2313	4.70
GENERAL ELECTRIC		
H-31, H-51 and H-71, 60 cycle	W2156	2.95
T-41, 60 cycle	W2155	2.25
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	2.25
J-70-75	W2454	2.25
GENERAL MOTORS		
"A" Chassis, 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	2.25
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

Name of Radio and Model	Stock No.	Your Cost
VICTOR Models		
R-32, R-52, RE-45 and RE-75		
Exact duplicate of the original. No changes necessary to install. 110 volt, 50-60 cycles. Shpg. wt. 13 lbs.		
W2185—Your Cost \$2.65		
Radiola Models 17, 18, 33, 50, 51		
Duplicate of Part No. 8287-8335. Fits exactly, requires no mechanical alterations. Also used in Victor models 7-11, 7-25 and 7-26 and in Graybar 311. Shpg. wt. 9 lbs.		
W2150—Your Cost \$1.35		

Name of Radio and Model	Stock No.	Your Cost
R-7, R-7A, R-9 and RE-16A		
Exact duplicate of part No. 8679, for the above model sets. No changes necessary to install. Shpg. wt. 7 lbs.		
W2187—Your Cost \$1.95		
For Models R-8, R-10 and R-12. Duplicate of part No. 7344. Shpg. wt. 7 lbs.		
W2112—Your Cost \$2.25		
For Models R-5, R-5X "Radiolette". Exact duplicate of part No. 8669. For 4-tube midget. No changes necessary to install. Shipping weight 5 lbs.		
W2188—Your Cost \$2.20		



TRANSFORMERS

Name of Radio and Model	Stock No.	Your Cost
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
70 Series, Filament Transformer		
7-BP6	W2105	.39
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
330, 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
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	2.35
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	W2153	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	2.25
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	2.25
R-71, R-72	W2117	3.25
R-73, 75, RE-80 (47's)	W2119	3.25
R-4, R-6	W2454	2.25

Name of Radio and Model	Stock No.	Your Cost
RCA-RADIOLA—(Cont.)		
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
SPARTON		
AC-7, 62 and 63	W229	2.35
930	W228	2.75
89-A	W231	4.10
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
STEINITE		
70	W2217	2.90
40C, 60C, 102C, 41C	W5600	3.95
50A, 102A	W5619	4.95
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
638, 25-60 cycle	W2249	4.95
641, 642, 652, 654	W2257	3.40
816 and 848	W2258	4.10
VICTOR		
R-32, RE-45, R-52 and RE-75 (new type)	W2185	2.65
100, 15, 14 and 17	W2155	2.25
35, 39 and 57; 60 cycle	W2195	2.95
7-11, 7-25, 7-26 and 17-8; 60 cycle	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	2.25
WR-5, WR-6 and WR-7	W2156	2.95
WR-10A	W2187	1.95
WR-14	W2188	2.20
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; 60 cycle	W1981	3.20
59, 60, 70 Series; 25 cycle	W1988	4.95
ZE-240	W1978	3.75
ZE-7 Plate Transformer	W1985	3.75
ZE-11 Plate Transformer for 34-P, 35-P, 37-A	W1976	2.95
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, 775B	W5626	3.95

Step-Down Transformers 220 Volts to 110 Volts



Fully shielded with 6 foot heavy lamp cord for 220 volt line, and flush receptacle for 110 volt side. Size 3 1/4 x 4 5/8" high, mounting centers 2 3/4 x 3 1/4". For receivers and appliances drawing up to 160 watts. Shpg. wt. 9 lbs.

W1968—
Your Cost... **\$2.80**

Same as above, but for units drawing up to 80 watts Shpg. wt. 6 lbs.

W1969—Your Cost... **\$2.05**
Heavy duty step-down transformer, similar in appearance to the above. For high powered amplifiers and radio receivers. 250 watts. 220-240 volts to 110-120 volts a.c. Shpg. wt. 10 lbs.

W1422—Your Cost... **\$3.75**

RADIART 160 Watt Variable Step-Down Transformer 200-250V. to 110-120V.

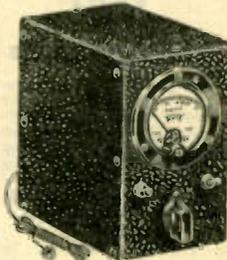
This transformer has a variable primary. Will handle 160 watts continuously. Comes with 16" of lamp cord with female receptacle for 110-120 volt outlet, and 5 ft. lamp cord with male plug for 200-250 volt input Primary tapped at 200, 220, 240 and 250 volts. 3 1/2 x 3 1/4 x 4 1/4" centers 1 3/4 x 3 1/4". Shpg. wt. 9 lbs.



W1970—Your Cost... **\$4.40**

Lafayette Voltage Regulating Auto Transformers

250 and
500 Watt
Models



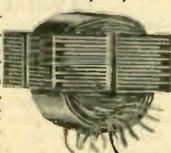
A specially designed auto-transformer for stepping-up low line voltages or dropping-down highline voltages to correct value 115 volts. Can be used with all types of electrical equipment—prevents premature breakdowns

and burnouts. Winding of transformer is tapped for voltages from 80 to 155 volts in steps of 5 volts. The above range easily covers even unusually high or low inputs. A selector switch is used to obtain the desired voltage. Features include a built-in precision type 0-150 volt a.c. voltmeter, line fuse, two out-put receptacles on rear of case, six-foot approved rubber cord and plug. An "on-off" toggle switch is mounted on the front panel. The complete assembly is housed in an attractive black, crystalline finished steel case. Dimensions 6 1/2 x 7 1/4 x 4 1/4" For use on 50 to 60-cycle a.c. lines only. Shpg. wt. 14 lbs.

W1423—250 Watt Model **\$15.95**
Your Cost... **\$18.95**
W1424—500 Watt Model **\$18.95**
Your Cost...

Stewart-Warner 102A, B, E

Exact duplicate of the original part number 67566. Set uses 2-24's, 1-35, 1-27 1-4 and 1-80. Leads color coded. Open type, no changes necessary to install. Constructed using high quality materials. Shpg. wt. 9 lbs.



W2214—
Your Cost... **\$2.90**

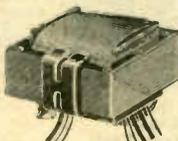
Stewart-Warner R-119

Genuine Stewart-Warner part number 83442. Upright mounting type, fully shielded. Leads from bottom. Set uses 2-78's, 1-6A7, 1-85, 1-42 and 1-80. At special low price. Shipping weight 5 lbs.

W1804—Your Cost... **\$1.95**

Atwater-Kent 70 Series

For models 70, 72, 75, L-1, L-2, H-1 and H-2. Exact duplicate of the original power transformer; has special high voltage secondary winding. No changes necessary to install. Heavy duty filament windings. Shpg. wt. 6 lbs.



W2440—
Your Cost... **\$2.95**

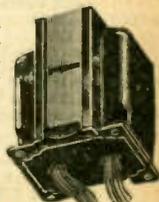
Atwater-Kent 36, 37, 38

Exact duplicate transformer for the above models. Equal or superior to the original. Shpg. wt. 6 lbs.

W2255—Your Cost... **\$2.10**

THORDARSON High Power Transformer

This high-power transformer is the buy of the year for P.A. technicians, service-men, set-builders and amateurs. Made by one of the most reliable manufacturers in the industry, it is massive in construction and well rated. Has the following windings: 1200 volts c.t. at 200 ma., 2.5 volts c.t. at 3 amps., 7.5 volts c.t. at 3 amps., 5 volts at 3 amps., for rectifier. Primary is designed for 115 volts, 60 cycles a.c. Dimensions, 5 x 4 x 4 1/4"; mounting centers, 3 x 3". Leads are taken from bottom of unit.



W226—Shpg. wt. 12 lbs. **\$2.45**
Your Cost Special...

We Will Not Knowingly Be Undersold

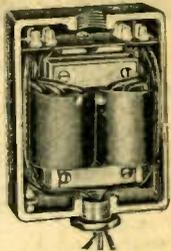
THORDARSON *Tru-Fidelity* AUDIO COMPONENTS

LABORATORY PERFECTION—THE WORLD'S FINEST
AVERAGE RANGE: ± 1/2 DB FROM 20 TO 20,000 C. P. S.



A new line of audio transformers designed for highest efficiency, ease of installation and permanence of performance. All units feature: wide range frequency response; high permeability core; special coil construction for low distributed capacity and low leakage reactance; maximum shielding from external fields due to unique case design; electro-static shielding between primary and secondary; capacitive and inductive balance for use on equalized transmission lines; all frequency measurements at actual specified operating conditions; all line

coupling, transformers designed to reflect proper impedance on all taps, reducing line reflection; ingenious mounting permits mounting above panel, sub-panel or combination wiring; single hole mounting bushing allows rotation without disturbing connections; no accessory brackets required. Terminals are provided on terminal board which connect to leads under bottom cover. Terminal connections can be quickly changed by merely removing the top cap. Complete instructions and curves are furnished with each transformer.



- Line, Mixer or Mike To Single Grid**
 T-9000—Primary: 500*/333/250/200*/125/50 ohms. Max. operating level plus 10 db. Max. d.c. 100 ma. per side. Secondary: 75,000/18,750 ohms. **Your Cost \$8.52**
- Push-Pull Tubes To Line or Mixer**
 T-9001—Primary: 20,000/5000 ohms. for 56 76, 864, 6C6, 6J7 Triodes, etc. Max. operating level plus 20 db. Max. d.c. 10 ma. per side. Secondary: 500*/333/250/200*/125/50 ohms. **Your Cost \$8.52**
- Single Tube To Line or Mixer**
 T-9002—Primary and secondary same as above, but for single tube. Max. operating level plus 15 db. **Your Cost \$8.52**
- Single Plate To Single Grid**
 T-9003—Primary: 10,000/2500 ohms. for 56, 76, 864, 6C6, 6J7, etc. (no d.c. in primary). Max. operating level plus 15 db. Secondary: 40,000/10,000 ohms. **Your Cost \$5.88**

- Single Plate To P.P. Grids**
 T-9004—Primary same as T-9003. Secondary: 160,000/40,000 ohms. **Your Cost \$6.76**
- Push-Pull Plates To Push-Pull Grids**
 T-9005—Primary: 20,000/5000 ohms. for 56, 76, 864, 6C6, 6J7 triodes, etc. Max. operating level plus 20 db. Max. d.c. 10 ma. per side. **Your Cost \$7.35**
- Crystal Mike or Photo Cell To Line**
 T-9006—Primary: d.c. unbalance 0 ma. Secondary: 500*/333/250/200*/125/50 ohms. **Your Cost \$9.11**
- Push-Pull Power Tubes To Line**
 T-9007—Primary: 5000/3000/1250/750 ohms (for p.p. 2A3, etc.) Max. op. level plus 32 db. Max. d.c. 60 ma. per side. Secondary: 500*/333/250/200*/125/50 ohms. **Your Cost \$8.52**
- Push-Pull Power Tubes To Voice Coil**
 T-9008—Primary same as above. Sec.: 1.25/3.75/5/7.5/10/15 ohms. **Your Cost \$8.52**

- Audio Reactor**
 T-9009—For parallel feed audio circuits, etc. 300 Henrys at 8 ma. d.c. or 75 Henrys at 75 ma. d.c. **Your Cost \$5.88**
- Line or Mike To Line or Mixer**
 T-9010—Primary: 500*/333/250/200*/125/50 ohms. Max. operating level plus 10 db. Max. d.c. 100 ma. per side. Secondary: 500*/333/250/200*/125/50 ohms. **Your Cost \$7.35**
- Line or Mike To Push-Pull Grids**
 T-9011—Primary: 500*/200*/125/50 ohms. Max. operating level plus 20 db. Max. d.c. 100 ma. per side. Secondary: 150,000/37,500 ohms. **Your Cost \$10.88**
- Line to Voice Coil**
 T-9012—Primary: 500*/333/250/200*/125/50 ohms. Max. operating level plus 30 db. Secondary: 25/3.75/5/7.5/10/15 ohms. **Your Cost \$8.52**
- *Indicates inductive and capacitive balance to center tap for use on balanced transmission lines.

THORDARSON Replacement POWER TRANSFORMERS



Fully Shielded Transformers
 Upright mounting transformers, with long color coded leads at the bottom. Knockouts in sides of shield allow bringing leads through for wiring on top of chassis. All voltage and current ratings are accurate.

- 2.5 Volt (7 to 11 Tubes)**
 T-5602—Secondaries: 700 volts c.t. at 70 ma.; 2.5 c.t. at 9 amps.; 2.5 volts c.t. at 1.5 amps.; 5 volts at 2 amps. Dimensions: 4 3/8 x 3 3/8"; mtg. 2 3/4 x 3". **Your Cost \$2.50**
- 2.5 Volt (8 to 12 Tubes)**
 T-5604—Secondaries: 700 volts c.t. at 105 ma.; 2.5 volts c.t. at 12 amps.; 5 volts at 2 amps. Dimensions: 5 x 3 3/8 x 3 3/8"; mtg. 3 x 3 3/8". **Your Cost \$3.09**
- 2.5 Volt (10 to 15 Tubes)**
 T-5605—Secondaries: 700 volts c.t. at 110 ma.; 2.5 volts c.t. at 9 amps.; 2.5 volts c.t. at 3 amps.; 2.5 volts c.t. at 3 amps.; 5 volts at 2 amps. Dimensions: 5 x 3 3/8 x 3 3/8"; mounting holes 3 x 3 3/8". Shpg. wt. 11 lbs. **Your Cost \$3.38**
- 6.3 Volts (4 or 5 Tubes)**
 T-7078—Secondaries: 6.3 volts c.t. at 1.5 amps.; 5 volts at 2 amps.; 680 volts c.t. at 55 ma. 3 3/8 x 3 3/8 x 4 3/8". Mtg. 2 3/8 x 2 3/8". **Your Cost \$1.76**
- 6.3 Volts (7 to 8 Tubes)**
 T-7061—Secondaries: 770 volts c.t. at 70 ma.; 6.3 volts c.t. at 2.5 amps.; 5 volts at 2 amps. Dimensions: 4 3/8 x 3 3/8 x 3 3/8"; mounting holes 2 1/2 x 2 1/2". Shpg. wt. 7 lbs. **Your Cost \$2.35**
- 6.3 Volts (11 to 13 Tubes)**
 T-7062—Secondaries: 6.3 volts c.t. at 4.5 amps.; 5 volts at 3 amps.; 745 volts c.t. at 145 ma. Dimensions: 3 3/4 x 3 3/8 x 5". Mounting holes 3 1/4 x 3 1/4". Shpg. wt. 10 lbs. **Your Cost \$3.23**
- 6.3 and 2.5 Volts (11 Tubes)**
 T-7550—Secondaries: 6.3 volts c.t. at 1.5 amps.; 2.5 volts c.t. at 10 amps.; 2.5 volts at 3 amps.; 5 volts at 3 amps.; 870 volts c.t. at 250 ma. (bias tap at 80 volts). 3 3/4 x 4 3/8 x 5". Centers 3 3/8 x 3 3/8". Shpg. wt. 14 lbs. **Your Cost \$4.70**

All Primaries designed for 110-115 volts, 50-60 cycles a.c. operation. All terminal connections coded (color or number).

- Upright Shielded Type For 10-Tube Sets With 1.5 Volt Tubes**
- T-5601—Secondaries: 650 volts c.t. at 70 ma.; 1.5 volts c.t. at 4 amps.; 1.5 volts c.t. at 1 amp.; 2.5 volts c.t. at 3 amps.; 5 volts c.t. at 5 amps.; 5 volts at 2 amps. Dimensions: 4 3/8 x 3 3/8 x 3 3/8"; mounting holes 2 3/4 x 3". Shpg. wt. 8 lbs. **Your Cost \$2.65**



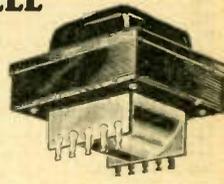
- High Power Transformer for Class "B" Receivers**
- T-6793—Secondaries: 700 volts c.t. at 200 ma.; 2.5 volts c.t. at 15 amps.; 5 volts at 3 amps.; 5 volts c.t. at 2 amps. Dimensions: 5 x 3 3/8 x 4 3/8"; mounting holes 3 3/8 x 3 1/4". Shpg. wt. 12 lbs. **Your Cost \$4.70**
- T-6795—Secondaries: 775 volts c.t. at 200 ma.; 6.3 c.t. at 3 amps.; 5 volts at 3 amps. Dimensions: 5 x 3 3/8 x 4 3/8"; mounting holes 3 x 2 3/8". Shpg. wt. 12 lbs. **Your Cost \$4.12**

- Filament Transformers**
- 1600-Volt Insulation Single Secondary**
 T-5061—2.5 volts c.t. at 3.5 amps. 1 7/8 x 2 x 2 3/8". Shpg. wt. 2 lbs. **Your Cost 88¢**
- T-5469—2.5 volts c.t. at 5 amps. 2 x 2 x 2 3/8". Shpg. wt. 2 lbs. **Your Cost \$1.18**
- T-5403—2.5 volts c.t. at 10 amps. 2 1/2 x 3 x 3 3/8". Shpg. wt. 4 lbs. **Your Cost \$1.47**
- Multiple Secondary**
 T-6185—6.3 volts tapped at 2.5 and 5 volts. 2.5 amperes. 2 x 2 3/8 x 2 1/4". Shpg. wt. 3 lbs. **Your Cost \$1.18**



HALF-SHELL TYPES

Designed for general replacement purposes and for use in new equipment. Flush mounting type with solder lug terminals mounted on fibre supports. All terminals are coded for convenience.



- 2.5 Volts (4 Tubes)**
 T-6049—Secondaries: 2.5 volts c.t. at 3.5 amps.; 5 volts at 2 amps. and 560 volts c.t. at 30 ma. Dimensions: 3 x 2 1/2 x 2 3/8". Mounting holes 2 3/8". Shpg. wt. 4 lbs. **Your Cost \$1.18**
- 2.5 Volt (4 to 6 Tubes)**
 T-5002—Secondaries: 4 volts at 2 amps.; 2.5 volts c.t. at 5 amps. and 602 volts c.t. at 40 ma. Dimensions: 3 x 3 1/2 x 3"; mounting centers 2 3/8". Shpg. wt. 5 lbs. **Your Cost \$1.62**
- 2.5 Volt (5 to 9 Tubes)**
 T-4900—Secondaries: 5 volts at 2 amps.; 2.5 volts c.t. at 8 1/2 amps. and 700 volts c.t. at 70 ma. Dimensions: 3 3/8 x 3". Hole required in chassis 1 1/2 x 2 1/4". Shpg. wt. 8 lbs. **Your Cost \$1.90**
- 2.5 Volt (7 to 12 Tubes)**
 T-6363—Secondaries: 5 volts at 2 amps.; 2.5 volts c.t. at 3 amps.; 2.5 volts c.t. at 9 amps. and 700 volts c.t. at 80 ma. Dimensions: 3 7/8 x 3 1/4". Chassis hole 1 7/8 x 2 1/8". Shpg. wt. 8 lbs. **Your Cost \$2.35**
- 2.5 Volt (8 to 12 Tubes)**
 T-5003—Secondaries: 5 volts at 2 amps.; 2.5 volts c.t. at 12 amps. and 700 volts c.t. at 80 ma. Dimensions: 3 3/8 x 3 3/8 x 3 3/8"; mounting holes 3 1/4 x 2 1/4". Shpg. wt. 8 lbs. **Your Cost \$2.20**
- 6.3 Volts (4 or 5 Tubes)**
 T-7020—Secondaries: 6.3 volts c.t. at 2 amps.; 5 volts at 2 amps.; 600 volts c.t. at 50 ma. Dimensions: 3 3/8 x 2 1/8 x 3". Mounting holes 2 3/8". Shpg. wt. 5 lbs. **Your Cost \$1.62**
- 6.3 Volt (6 to 8 Tubes)**
 T-7021—Secondaries: 6.3 volts c.t. at 3 amps.; 2.5 volts at 4 amps.; 5 volts at 2 amps. and 700 volts c.t. at 70 ma. Dimensions: 3 3/8 x 3 1/4". Chassis hole 1 3/8 x 2 1/8". Shpg. wt. 8 lbs. **Your Cost \$2.06**

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 No.	MOUNT. FIG.	TURN RATIO	DIMENSIONS H. W. D.	MOUNT. HOLES	YOUR COST
W213	R100	2C	1:3	2 1/2 x 2 1/2 x 1 1/2"	Univ.	\$1.03
W239	R300	2A	1:3	3 x 2 1/2 x 2 1/2"	2x2 1/2"	2.06
W265	T2999	2B	1:3.2	2 3/4 x 2 x 2"	2 3/4"	1.03
W266	T5736	2F	1:3.2	2 3/4 x 2 x 2 1/2"	2 1/2"	1.18
W267	T5737	2B	1:3	3 x 2 1/2 x 2"	2 1/2"	1.75
W268	T5738	2F	1:3	3 x 2 1/2 x 2 1/2"	2 1/2"	1.90
W210	T8604	2B	1:3.2	2 x 2 3/4 x 2"	2 3/4"	1.03
W211	T7574	2F	1:2	2 3/4 x 2 x 2 1/2"	2 3/4"	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 No.	MOUNT. FIG.	TURN RATIO	DIMENSIONS H. W. D.	MOUNT. HOLES	YOUR COST
W216	R101	2C	1:3.2	2 1/2 x 2 1/2 x 1 1/2"	Univ.	\$1.32
W281	T3391	2B	1:3.2	2 3/4 x 2 x 2"	2 3/4"	1.18
W282	T5739	2F	1:3.2	2 3/4 x 2 x 2 1/2"	2 1/2"	1.32
W283	T5740	2B	1:3	3 x 2 1/2 x 2"	2 1/2"	1.91
W284	T5741	2F	1:3	3 x 2 1/2 x 2 1/2"	2 1/2"	2.06
W285	T5742	2B	1:3	3 x 2 1/2 x 2"	2 1/2"	1.91
W243	T4304	2A	1:3	3 x 2 1/2 x 2 1/2"	2x2 1/2"	2.20
W237	T8603	2B	1:3.2	2 x 2 3/4 x 2"	2 3/4"	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 No.	MOUNT. FIG.	TURN RATIO	DIMENSIONS H. W. D.	MOUNT. HOLES	YOUR COST
W2259	T5397	2F	1:1.3	3x2 1/2 x 2 1/2"	2 1/2"	\$2.20
W324	T6791	2B	1:1.5	3x2 1/2 x 2"	2 1/2"	2.06
W272	T5870	2F	1:1.5	3x2 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 No.	MOUNT. 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	T5751	2B	5	80	138	.88
W288	T5752	2F	5	80	138	1.03
W289	T5753	2B	9.5	110	200	1.18
W290	T5754	2F	9.5	110	200	1.33
W335	T5749	2B	7.2	120	290	.79
W336	T7429	2G	9.85	150	200	2.79
W310	T6749	2F	5	200	80	1.91
W259	T2353A	2D	5	200	80	2.06
W5497	T2927	2B	1080	.5	6150	.88
W269	T1700B	2F	8.75	130	231	1.91
W242	R196	2A	15	85	375	1.47
W252	T4707	2B	12	75	290	1.03
W254	T4402	2B	12	80	405	.79

* Screen Grid Coupler.

Transceiver Audios

Stock No.	Type No.	MOUNT. FIG.	Description	DIMEN. INCHES	YOUR COST
W363	T7258	2B	Output, single pent. (47, 42, etc.) to low or high imp. phones	2x1 1/2 x 1 1/2"	\$0.97
W377	T7259	2B	Single button (200 ohms) mike and audio	2x1 1/2 x 1 1/2"	.97

Thordarson High Power Transformers



Upright mounting types, except T-6541 which is half shell flush mounting type (illus. page 96). All primaries for 110 volts, 50-60 cycles a.c.
T6912—Secondaries: 800 volts c.t. at 100 ma.; 2.5 volts c.t. at 5 amps.; 2.5 volts c.t. at 5 amps.; 5 volts at 3 amps. 4 3/4 x 3 1/2 x 3 3/4". Shpg. wt. 7 lbs.

W427—Your Cost. \$2.25

T-3773—Secondaries: 870 volts c.t. at 150 ma.; 2.5 volts c.t. at 5 amps.; 7.5 volts c.t. at 2.5 amps.; 6 volts at 3 amps. 5x3 3/4 x 3 3/4". Shpg. wt. 10 lbs.

W222—Your Cost. \$2.95

T-6541—Secondaries: 1000 volts c.t. at 150 ma.; 2.5 volts c.t. at 8 amps.; 7.5 volts c.t. at 2.5 amps.; 5 volts at 3 amps. Dimensions: 5x3 3/4 x 4 1/2". Shpg. wt. 14 lbs.

W434—Your Cost. \$3.25

We can supply any THORDARSON transformer at a discount of 40 and 20% from list. Complete literature on the Thordarson 6, 18 and 30 watt power amplifiers, and on the All-Star Transmitters will be mailed free on request.

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 1/4 x 2 1/4 x 3"
W276	T3399	2 3/4 x 2 x 2"	W329	T6748	3 x 2 1/2 x 2 1/2"
W278	T5701	2E	W330	T7575	3 x 2 1/2 x 2 1/2"
W326	T6754	3 1/2 x 2 1/2 x 3"	W331	T6792	3 1/4 x 2 1/4 x 3"
W273	T5872	3 5/8 x 2 1/2 x 3"	W400	T8384	3 1/4 x 2 3/4 x 2 1/4"
W327	T6751	3 x 2 1/2 x 2 1/2"	W401	T8387	3 5/8 x 3 1/4 x 3"

Average shipping weight 3 lbs. each.

Stock No.	Type No.	Mtg. 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; 2A5, 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	T7575	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 No.	Mtg. Fig.	Description	Your Cost
W257	T2357	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	50, 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	1.91
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	Lineto P.P. 46, 210, etc., grids in Class B	2.20
W299	T5381	2D	500 ohm line to 4, 8, 15 ohm voice coil	2.65
W506	T6048	2E	500, 100, 1500, 2000, 2500 or 3000 ohm lines to voice coil. 1 to 6 speakers may be connected in parallel to 500 ohm line	1.76

Driver Transformers

Stock No.	Type No.	Mtg. Fig.	Input Tubes	Output Tubes	Class	Your Cost
W296	T5289	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
W338	T7432	2F	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. 50	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 C1. A	1-53	B	1.62
W340	T8142	2F	1-6F5	2-6F6 (pent. or triode)	AB	2.20
W368	T8152	2F	P.P. 6C5	2-6F6 triode	AB	2.06

New Thordarson "6L6" Transformers

T8458—Output Transformer. To couple p.p. class AB 6L6's to 4, 8, 15 ohm voice coil or to 500 ohm line. Split primary. 3 1/2 x 3 3/4 x 3 3/4". Type 2G mounting. Shpg. wt. 8 lbs.

W507—Your Cost. \$4.12

T8459—Driver Transformer. To couple p.p. 6C5's, 76's, etc. to class AB 6L6's. Split secondary. 3x2 1/2 x 2 1/2". Type 2F mounting. Shpg. wt. 3 lbs.

W508—Your Cost. \$2.20

T8460—Power Transformer. Primary 115 volts, 60 cycles. Secondary with tap to supply 400 volts at 250 ma., and 30 volts at 50 ma. Through filter and bleeder circuit 300 volts at 100 ma., and 250 volts at 25 ma. may be obtained. 5x3 3/4 x 4 1/2". centers 3x4". Type 2G mounting. Shpg. wt. 14 lbs.

W482—Your Cost. \$7.35

T8470—Modulation Transformer. To couple p.p. class AB 6L6's to 2500 ohms at 250 ma., 5000 ohms at 2000 ma., 7500 ohms at 150 ma. 6 1/2 x 4 3/8 x 5 1/2". Type 2D mounting. Shpg. wt. 15 lbs.

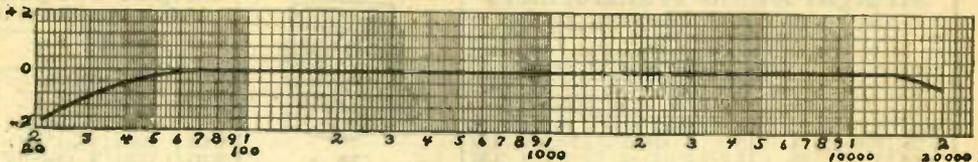
W496—Your Cost. \$5.88

T7984—Filament Transformer. Delivers 6.3 volts at 3 amps., 2.5 volts at 3.5 amps. and 5 volts at 3 amps. 1600 volt insulation. 3 1/4 x 3 3/4 x 4 1/2". Type 2G mounting. Shpg. wt. 6 lbs.

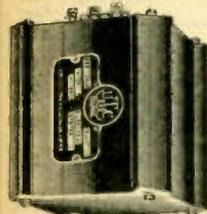
W509—Your Cost. \$2.94

UTC AUDIO TRANSFORMERS UTC

This curve illustrates the wide-range response of a typical "Linear Standard" unit. As indicated, this series of units is linear over 9 octaves, i.e., 20 to 20,000 cycles.



"LINEAR STANDARD" COMPONENTS



The UTC "Linear Standard" transformers are the ideal high-fidelity audio components from the standpoint of uniform response, low wave form distortion, high efficiency, thorough shielding and dependability. These units are used extensively by broadcast stations throughout the country. Their frequency response is guaranteed plus or minus 1 db from 30 to 20,000 cycles. The units have the following overall dimensions (LxWxH): **A**, 2 1/2 x 3 1/2 x 3 1/2"; **B**, 3 1/2 x 4 1/2 x 4 1/2"; **C**, 5 x 5 1/2 x 5 1/2"; **D**, 6 1/2 x 6 1/2 x 5 1/2". Terminals are of the solder lug type.

LINE TO GRID AND TUBE TO LINE UNITS

- LS-10—Primary will match 500, 333, 250, 200, 125, 50 ohm line for all types of microphones and pick-ups. 2-section secondary, overall impedance 60,000 ohms for single grid. (A) **\$9.00**
- LS-12—Primary same as above. Secondary to two grids, overall impedance 120,000 ohms. (A) **\$12.00**
- LS-50—From single plate (6C5, 27, 56, 6C6, triode connected) to 500, 333, 250, 200, 125, 50 ohm line. (A) **\$9.00**
- LS-51—Same as LS-50, but from p.p. plates. (A) **\$9.00**
- LS-52—Same as LS-50, but from p.p. plates. (A) **\$9.00**

COUPLING TRANSFORMERS

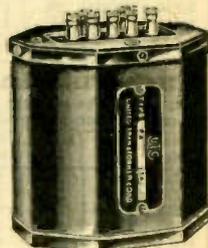
- LS-20—Single plate to single grid; 2:1 ratio. (A) **\$6.00**
- LS-21—Input one plate to two grids; 1 1/2:1 ratio each side of center. Primary and secondary in 2 sections. (A) **\$7.80**
- LS-22—Input two plates to two grids; 1.6:1 ratio each side of center. Two-section primary and secondary. (B) **\$13.20**

OUTPUT TRANSFORMERS

- LS-54—Primary impedance 8000 ohms plate to plate for p.p. 50's 45's, 6F6 triodes. Secondary 30, 20, 15, 10, 7.5, 5, 2.5, 1.2 ohms. (B) **\$8.40**
- LS-57—Primary 5000 and 3000 ohms plate to plate. Will match self or fixed-bias p.p. 2A3's. Above secondary. (B) **\$8.40**
- LS-63—Primary impedance 10,000 and 6,000 ohms plate to plate. Will match p.p. 46's, 59's, 2B6's, 71A's, 6P6's, 6B5's. Same secondary as LS-54. (B) **\$8.40**
- LS-6L3—Primary impedance 6600 ohms plate to plate for 6L6's self-biased. Same secondary as LS-54. (C) **\$12.00**
- LS-6L7—3800 and 3300 ohms plate to plate for p.p. 6L6's fixed bias or p.p. parallel 6L6's self-biased. Will easily handle 80 watts. Same secondary as LS-54. (D) **\$15.00**
- LS-61—Primary impedance 10,000 and 6000 ohms plate to plate. Will match p.p. 59's, 46's, 6B5's, 6F6's. Secondary impedances 125, 50, 30, 20, 10, 7.5, 5, 2.5, 1.2 ohms. (B) **\$12.00**

PUBLIC ADDRESS COMPONENTS

The UTC Public Address audio transformers have many exclusive and universal features never heretofore obtained in a popular priced line. These units are in universal mountings with terminals at top or bottom. All low-level units are manufactured in a hum-bucking type of construction, and are finished in black eggshell enamel. Overall dimensions (LxWxH) are: **E**, 2 1/2 x 3 x 3"; **F**, 3 1/2 x 4 1/2 x 3 1/2"; **G**, 3 1/2 x 4 1/2 x 4 1/2". Housings are symmetrical in appearance and present a professional appearance when grouped in finished equipment.



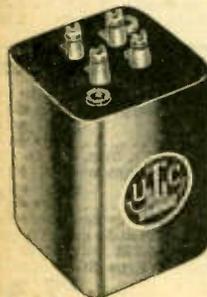
LINE MATCHING AND COUPLING UNITS

- PA-134—50, 200, and 500-ohm line single or double button carbon microphone to single grid. (E) **\$3.90**
- PA-135—50, 200 and 500-ohm line, single or double button carbon microphone to push-pull grids. (E) **\$4.50**
- PA-131—One plate to one grid, 3 to 1 ratio. (E) **\$2.70**
- PA-132—One plate to two grids; split secondary, 2:1 ratio each side. (E) **\$3.00**
- PA-133—From two plates to two grids. 1.75 ratio each side. Both primary and secondary are split. (E) **\$3.60**
- PA-233—From two 56's, 6C5's, 6C6's triode, etc., to 2A3, 45, 6L6, 6F6 triodes in "A" prime. (E) **\$3.60**
- PA-137—Mixing transformer, 50, 200, or 500-ohm line, or single or double button mike to 50, 200, 500-ohm line. (E) **\$3.30**

OUTPUT TRANSFORMERS

- Secondaries have impedances of 500, 200, 16, 8, 5, 3, 1.5 ohms.
- PA-15—8000 ohms p. to p. for p.p. 50's, 45's, etc. (F) **\$4.20**
 - PA-16—Primary 5,000 and 3,000 ohms plate to plate for push-pull 2A3's self- or fixed-bias. (F) **\$4.20**
 - PA-19—Primary impedance 10,000 and 6,000 ohms p. to p. For p.p. 59's, 46's, 71A's, 6B5's, 49's, 53's, 79's, etc. (F) **\$4.20**
 - PA-710—20,000 and 14,000 ohms plate to plate for p.p. 210's, 47's, 2A5's, 42 pentodes, etc. (F) **\$4.20**
 - PA-17—Primary 2500 and 1500 ohms p. to p. For p.p. parallel 2A3's self- or fixed-bias. Handles 40 watts. (G) **\$6.00**
 - PA-18—Primary 4000 ohms plate to plate. For p.p. parallel 250's, 245's, 42 triodes, or p.p. 48's. (G) **\$6.00**
 - PA-2L6—6600 ohms plate to plate for p.p. 6L6's self-biased. Will handle 40 watts. (G) **\$6.00**
 - PA-4L6—3800 and 3300 ohms p. to p. for two 6L6's fixed-bias or four 6L6's self-biased. Handles 80 watts. (G) **\$9.00**

ULTRA-COMPACT AUDIO FREQUENCY TRANSFORMER

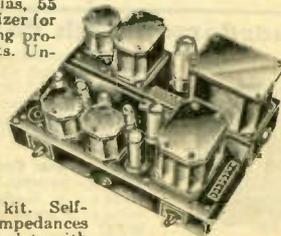


The high-fidelity audio units measure up to high-quality broadcast standards, being plus or minus 2 db from 30 to 20,000 cycles. However, through the use of unusual design a very small, lightweight unit has been produced. Overall dimensions are 1 1/2 x 1 1/2 x 1 1/2". The weight of each is 5 1/2 ounces net. These units are ideal for portable pre-amplifiers, aircraft, noise-meter, high fidelity transceivers and other applications where weight plus quality are sought.

- A-16—Primary 50, 125, 200, 250, 333, 500 ohms for all types of microphones and pick-ups to single grid. Secondary impedance is 50,000 ohms. **\$6.00**
- A-18—Single plate to single grid, 2:1 ratio. **\$4.80**
- A-24—Single plate to two grids, 1.15:1 ratio each side. **\$5.40**
- A-24—Single plate like 6C6 triode, 955, 56, 6C5, etc., to 500, 333, 250, 200, 125 or 50 ohms. **\$6.00**

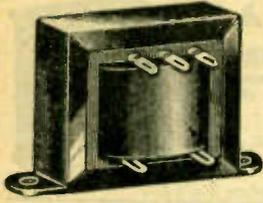
UTC 6L6 BEAM POWER AMPLIFIER KIT

Power output of 35 watts self bias, 55 watts fixed bias. Calibrated equalizer for frequency control. Electron mixing provided for two high-impedance inputs. Unusually high gain of 118 db with provision for immediate change-over to 95 db. Separate chassis for power and audio sections for flexibility and minimum hum. Can be used for mobile operation with Gen-E-Motor. Overall dimensions 16 1/2 x 12 1/2 x 8" permit rack-panel or rack-cabinet mounting.



- W2148—UTC PAK-1 amplifier kit. Self-bias 35-watt operation. Output impedances 500, 200, 16, 8, 5, 3, 1.5 ohms. Complete with all accessories, fully mounted, complete instructions. **\$45.00**
 - W21249—UTC PAK-2 amplifier kit as above, but has an output of 55 watts, fixed bias. List \$80.00. Shpg. wt. 54 lbs. **\$48.00**
- RCA tubes for above; 4-6C5's, 2-6L6's, 1-83. \$5.80
- Either of the above kits is furnished with a universal modulation output transformer at no additional cost if requested.

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 3/4"; mounting centers 2 3/4". Average shpg. wt. 3 lbs.

Output Transformers

- W1553**—Output, Single '45 or 6F6 metal Triode type tube to 5-15 ohm voice coil. **65¢**
Your Cost
- W1554**—Output Push-pull '45s or 6F6 metal Triode type tubes to 5-15 ohm voice coil. **69¢**
Your Cost
- W1555**—Output, Single Pentode '47 or 6F6 metal Pentode to a 5-15 ohm voice coil. **65¢**
Your Cost
- W1556**—Output, P.P. Pentodes, 47's, 6F6 metal Pentodes to a 5-15 ohm voice coil. **69¢**
Your Cost
- W1564**—Output, Push-pull, 49's Class B, to a 5-15 ohm voice coil. **\$1.10**
Your Cost
- W1566**—Output, Push-pull 2A3's, to a 5-15 ohm voice coil of dynamic speaker. (2 1/2" x 3" x 2"). **\$1.89**
Your Cost

Audio Transformers

- W1550**—Audio, first or second stage of straight audio amplification. Ratio 3:1. **75¢**
Your Cost
- W1551**—Push-pull Input, from single plate to 2 grids. Ratio 2.5:1. **75¢**
Your Cost
- W1552**—Push-pull Inter-stage, between 2 plates and 2 grids. Ratio 1.75:1. **75¢**
Your Cost
- W1562**—Push-pull Input, Split Secondaries (isolated), between 1 plate and 2 grids. Ratio 1.75:1. Has six leads. **\$1.08**
Your Cost
- 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. **\$1.75**
Your Cost

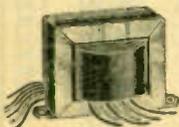
Inter-Stage Audios

- W1580**—1st Stage Audio, DeLuxe, ratio 3 1/2:1. **\$2.25**
Your Cost
- W1579**—Push-pull Input, DeLuxe, ratio 2 1/2:1. **\$2.45**
Your Cost
- W1582**—Push-pull Plates to push-pull grids, ratio 1.75:1. **\$2.25**
Your Cost
- W1577**—Push-pull Input, split secondaries, isolated, ratio 1.75:1. **\$2.65**
Your Cost

Tube-to-Line Transformers

- W1591**—Two 49, 171A, 250 or 245 type tubes to 500 ohm line, 15 ohm winding for voice coil or monitor.
- W1592**—Two 18, 20, 33, 41, 42, 47, 59, 2A5 type tubes to 500 ohm line, 15 ohm winding for voice coil or monitor.
- W1593**—Operating out of General purpose to 500 and 200 ohm lines.
- W1943**—Two 2A3 type tubes to a 250, 500, 1000 ohm line. **\$2.75**
Your Cost, Any Above Type

Trutest Tube Tester Filament Transformer



Supplies voltages for all types of tubes, including battery types and auto types. Very compact in size. Color coded flexible leads. Primary tapped at 105, 115 and 125 volts, for 50-60 cycles a.c. Secondary is a single winding with the 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. **\$1.18**
W1967—
Your Cost

Microphone and Line

- W5448**—Single or double button mike to grid, 200 ohms each side of centertap. **82¢**
Your Cost
- 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. **90¢**
Your Cost, Any Type
- W5494**—2, 4, 8 or 15 ohm dynamic speaker voice coil to 250 or 500 ohm line. **\$1.48**
Your Cost

Special Line Transformer

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

Filter Chokes

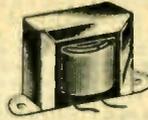
Current rating given is maximum d.c.

Stock No.	Induct. Henrys	Curr. MA.	D.C. Res.	Your Cost
W1570	25	25	830	68c
W1558	11	60	300	65c
W1570	30	125	200	85c

Filament Transformers

Stock No.	Filament Volts	Filament Amperes	Your Cost Each
W2388	2.5 c.t.	5.25	79c
W2443	2.5 c.t.	5.25	\$1.29
	2.5 c.t.	5.25	
W2387	2.5 c.t.	10.5	95c
W2441	5.0 c.t.	4.0	95c
W5495	6.3 c.t.	3.0	89c
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 1/2" x 1 1/4". Mounting centers 2 3/4" apart.

Audio Transformers

- W1619**—Interstage audio, ratio 3 1/2:1.
- W1620**—Push-pull Input, ratio 1 1/2:1.
- 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. **49¢**
Your Cost, Any Type

Transceiver Audios

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

Filter Chokes

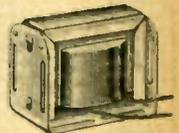
- W1601**—10 henrys, d.c. resistance 200 ohms. Maximum d.c. 50 milliamperes.
- W1602**—11 henrys, d.c. resistance 250 ohms. Maximum d.c. 65 milliamperes.
- W1603**—13 henrys, d.c. resistance 350 ohms. Maximum d.c. 60 milliamperes. **29¢**
Your Cost, Any Above Type
- W1604**—20 henrys, d.c. resistance 500 ohms. Maximum d.c. 35 milliamperes. **35¢**
Your Cost

Output Coupling Transformers

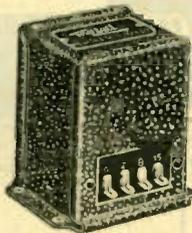
- W1930**—Single 171A-245-43-50-6F6 metal Triode to a 2-8-15 ohm voice coil. **\$2.25**
Your Cost
- W1584**—Push-pull 45-71A-43-50-6F6 metal Triodes output to a dynamic speaker 2-8-15 ohm voice coil. **\$2.40**
Your Cost
- W1931**—Single 18-20-33-41-42-47-59-2A5 output to a high impedance magnetic speaker. **\$2.25**
Your Cost
- W1933**—Single 18-20-33-41-42-47-59-2A5 output to a 2-8-15 ohm voice coil. **\$2.40**
Your Cost
- W1585**—Push-pull 10-18-20-33-41-42-46-47-2A5-59 (Class B) output to a 2-8-15 ohm voice coil of a dynamic speaker. **\$2.40**
Your Cost
- W1934**—Push-pull 2A3-48 output to a dynamic speaker 2-8-15 ohm voice coil. **\$2.40**
Your Cost
- W1947**—Push-pull Class B 49s (53-79-89) (Class A 38s) to 2-8-15 ohm v.c. **\$2.25**
Your Cost

Universal Output Trans.

- Matches single or p.p. Triodes or Pentodes, Class A or B, to any voice coil from .1 to 30 ohms. Diagrams furnished. 1 1/2" x 1 1/4" x 3 1/4"; mounting centers 3/4" to 2 3/4". Shpg. wt. 3 lbs. **75¢**
W1708—
Your Cost
- Universal Audio**
 Universal mounting; same size as above.
- W1709**—Single plate to single grid. 3:1.
- W1710**—Single plate to p.p. grids. 2:1.
Your Cost, Either Type **75¢**



Trutest De Luxe AUDIOS



Trutest De Luxe Audios are built to the most exacting standards. They are designed and engineered by transformer specialists and will outperform units selling at much higher prices. Feature: high grade, high permeability core material, accurate windings; low distributed capacity; high coupling factor and low capacity coupling; freedom from hum; lug terminals. Diagrams furnished. In metal cases finished in wrinkle black. Size: 2 1/4" x 2 1/4" x 3 1/4". Average shpg. wt. 3 lbs.

Mixer Transformer

- W1587**—Input, two-button microphone, 200 ohm to grid of tube. **\$2.25**
Your Cost
- W1590**—Input, two-button microphone, 200 ohm to 500 ohm line. **\$2.45**
Your Cost
- W1944**—Velocity ribbon microphone to a 200 and 500 ohm line.
- W1936**—50, 200, 500 ohm line to 50, 200, 500 ohm line.
- W1937**—Universal line to grid. **\$2.45**
Your Cost, Any Above Type

Screen Grid Audio Coupler

Used to couple a screen grid detector to an audio tube. Gives three times the amplification of resistance coupling. **\$2.45**
W1594—**Your Cost**

Filament Transformer

- W2383**—Delivers 2.5 volts c.t. at 10.5 amps. High voltage insulation. **\$1.25**
Your Cost

To Speed Handling of YOUR Order--Use Our Order Blank

STANDARD REPLACEMENT

AUDIO TRANSFORMERS

JEFFERSON AUDIO COMPONENTS

Audios

Universal Outputs



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

Primary and secondary tapped to match all types of output tubes to any voice coil. 1 1/2 x 2 3/8 x 2". Instructions furnished.



W5443—Your Cost Each 76¢

Type 467-404—P.P. Input, ratio 3:1. 2 x 3 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. 2 x 2 1/2 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 94¢

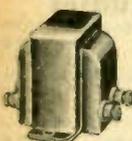
W5449—Tube to 200 or 500 ohms. 2 1/2 x 2 1/2 x 2 1/2". Shpg. wt. 3 lbs.

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

Your Cost, Either Type \$1.47

W5447—Your Cost 76¢

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—Your Cost Each 95¢

P.P. Inputs



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

W1912—Your Cost 65¢

Similar to the above, but terminals on sides. 2 3/4 x 2 3/4 x 2 3/4".

W5485—Your Cost 85¢

Oversize Audios

and Filter Chokes



Ideal for amplifiers, receivers, etc. Excellent response. Type A approx. 2 3/4 x 2 3/4 x 3 1/2"; type B same, but with side terminals.

W1932—Push-pull Input. Type A. Shpg. wt. 2 lbs. Your Cost, Special 83¢

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

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

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

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

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 3/4" L, 4 3/4" W, 4 1/2" H; centers 3 1/4" x 4 3/4".

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. **\$3.95**

W2563—Your Cost \$3.95

Primary 2500 and 1500 ohms plate to plate. Type C m'tg. **\$5.75**

W2564—Your Cost \$5.75

Primary 8000 ohms plate to plate. Type B mounting. **\$3.95**

W2562—Your Cost \$3.95

Primary 4000 ohms plate to plate. Type C mounting. **\$5.75**

W2579—Your Cost \$5.75

Primary 10000 and 6000 ohms plate to plate. Type B m'tg. **\$3.95**

W2592—Your Cost \$3.95

Primary 6600 ohms plate to plate (for 6L6's self-bias). 35 watts. Type C mounting. **\$5.75**

W2595—Your Cost \$5.75

Primary 3800 and 3300 ohms plate to plate (2-6L6's fixed bias or 4-6L6's self-bias). 75 watts. Type C mounting. **\$8.65**

W2598—Your Cost \$8.65

Mixing Transformers

For mixing a 500, 200 or 50 ohm line to a 500, 200 or 50 ohm line.

Type A mounting. **\$3.25**

W2594—Your Cost \$3.25

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.). 3 x 3 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. **\$3.45**

W2571—Your Cost \$3.45

500, 200 or 50 ohm line to single grid. Type A mounting. **\$3.75**

W2572—Your Cost \$3.75

CLASS B OUTPUTS

P.P. 49, 53, 79, 89 plates to 500, 200, 16, 8, 5, 3 and 1.5 ohms. Type A mounting. **\$3.95**

W5430—Your Cost \$3.95

P.P. 46 or 59 plates to 500, 200, 16, 8, 5, 3, 1.5 ohms. Am'tg. **\$3.95**

W5431—Your Cost \$3.95

CLASS B INPUTS

Driver plate to 49, 53, 79 or 89 grids. A mounting. **\$3.25**

W5429—Your Cost \$3.25

Driver 46 or 59 plate to 46 or 59 grids. A mounting. **\$3.45**

W2555—Your Cost \$3.45

Tube To Line Transformer

From a low level triode plate to 500, 200 or 50 ohms. Type A mounting. **\$3.75**

W2576—Your Cost \$3.75

30 Henry Filter Chokes

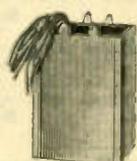
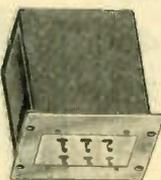
30H., 50ma. max. d.c. resistance 450 ohms. 2 1/2 x 1 3/4 x 2 1/2". Shpg. wt. 3 lbs.

W246—Your Cost Each 39¢

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	All Types. See Page 119		
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	65—P.P. Input.	W1932	.83
Philco	65—P.P. Output.	W1746	.93
Philco	65—Filter Choke.	W1752	.98
Philco	70, 270—Output.	W1749	1.05
Philco	70, 270—Filter Choke.	W1753	.93
Philco	76, 77—P.P. Input.	W1741	.83
Philco	76, 77—P.P. Output.	W1746	.93
Philco	76, 77—Filter Choke.	W1752	.98
Philco	86, 87—P.P. Input.	W1740	.83
Philco	86, 87—P.P. Output.	W1746	.93
Philco	86, 87—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 (2-45's)—Filter Choker.	W1753	.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	95, 96, 296—Filter Choke.	W1752	.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	W1741	.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, RE-75—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, RAE59, RAE79—P.P. Input and Output assembly.	W2001	1.25
RCA-Victor	60, 62—Single Audio	W2173	.59
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	1.25
RCA-Victor	R7, R9—P.P. Input and Output	W1994	1.95
RCA-Victor	R7A—P.P. Input and Output	W2098	1.95
Spartan	931, 301—Straight Audio	W2456	1.18
Spartan	101, 110, 111—P.P. Input	W2466	2.35
Spartan	301—P.P. Input	W2467	2.06
Spartan	589, 930, 931—P.P. Input	W281	1.18
Spartan	301—P.P. Output	W2487	1.47
Spartan	930, 931—P.P. Output	W276	.94
Stromberg	641, 642, 652, 654, 846, 848—Audio	W2331	1.35
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	2.25





SPRAGUE Condensers



FAMOUS TYPE "EC" DRY ELECTROLYTICS



Leads are embedded; no corrosion or electrolysis to create opens or troublesome intermittents. 475 volts d.c., working; maximum surge voltage 600.

Stock No.	Cap. Mfd.	Size—Inches L W D	Your Cost
W2670	1	2 1/2 x 1 x 3/8	50c
W2671	2	2 1/2 x 1 x 3/8	56c
W2672	4	2 1/2 x 1 x 3/8	68c
W2673	6	2 1/2 x 1 x 1	76c
W2674	8	2 1/2 x 1 x 1	79c

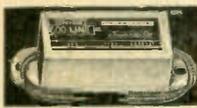
CARDBOARD-CASED TYPE DC DRY ELECTROLYTIC UNITS

Pig-tail colored leads with push-back insulation. Capacitors marked with (*) have 4 leads with separate positive and negative leads. 475 volts working, 600 volts surge.



Stock No.	Cap. Mfd.	Size—Inches L W T	Your Cost
W2646	2	2 1/2 x 1 x 1	\$0.56
W2647	4	4 1/2 x 1 3/4 x 3/4	.58
W2649	8	4 1/2 x 1 3/4 x 1	.79
W2651*	4-4	4 1/2 x 1 3/4 x 1	1.06
W2653	4-8	4 1/2 x 1 3/4 x 1 1/4	1.18
W2655	6-8	4 1/2 x 1 3/4 x 1 1/4	1.29
W2656*	8-8	4 1/2 x 1 3/4 x 1 1/4	1.29

MIDGET ROUND AND SQUARE HI-CAPACITY DRY ELECTROS



Both are 2 1/2" long; average diameter of tubulars, 1". (*) have 4 leads. Specially to withstand heat prevalent in midget receivers, and will fit the smallest of them. With ample pig-tail leads of covered push-back wire—a Sprague feature.

Stock No.	Cap. Mfd.	Work Volts	Your Cost	
W2644	W3538	5	25	29c
W2645	W3539	10	25	29c
W3232	W3540	25	25	38c
W3230	W3541	10-10	25	44c
W3231	W3542	10	50	38c
W3233	W3543	25	50	47c
W3224	W3547	2	200	32c
W3225	W3548	4	200	38c
W3226	W3549	8	200	47c
W3300	W3503	16	200	61c
W3301	W3504	25	200	73c
W3228	W3550*	4-4	200	53c
W3227	W3551*	8-8	200	73c
W2678	W3505*	8-12	200	82c
W2679	W3506*	8-16	200	85c

UPRIGHT CAN TYPE DRY ELECTROLYTICS



Cased in substantial aluminum cans with mounting brackets. Continuous working voltage, 475; maximum surge voltage, 600. (*) Has four leads. (†) Has nut-bolt terminals. Impervious to heat and moisture.

Stock No.	Cap. Mfd.	Size—Inches L D	Your Cost
W2600	2	3 1/2 x 1	\$0.65
W2601	4	3 1/2 x 1	.73
W2603	8	4 1/2 x 1 1/2	.88
W2604	10	4 1/2 x 1 1/2	1.06
W2605	12	4 1/2 x 1 1/2	1.21
W2606	16	4 1/2 x 1 1/2	1.35
W2607*	8-8	4 1/2 x 1 1/2	1.41
W2609†	8-8	4 1/2 x 2 1/2	2.35

INVERTED CAN TYPE

This inverted aluminum can type dry electrolytic with special screw thread mounting is in great demand. Unusual small size for compact receivers. Furnished with hardware for insulating can from mounting. Continuous working voltage, 475; maximum surge voltage, 600. Can also be used for upright mounting. (*) Has 4 leads.



Stock No.	Cap. Mfd.	Size—Inches L D	Your Cost
W2616	4	3 1/2 x 1	\$0.73
W2617	6	3 1/2 x 1	.85
W2618	8	4 1/2 x 1 1/2	.88
W2676*	8-8	4 1/2 x 1 1/2	1.41

"500" WET ELECTROLYTICS

Chrome-plated can prevents electrolysis. Rated at 500 volts, d.c. peak. Self-neutralizing.

Stock No.	Cap. Mfd.	Size—Inches L D	Your Cost
W2914	8	4 1/2 x 1	\$0.56
W2915	10	4 1/2 x 1 1/2	.62
W2923	12	4 1/2 x 1 1/2	.68
W2720	16	4 1/2 x 1 1/2	.79
W2721	18	4 1/2 x 1 1/2	.88

Self-Regulating—Type S

Operating volts, 300; regulation volts, 360; regulation current, 50.

W2722	18	3 1/2 x 1 1/2	.88
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NEW "450" LINE "TINY MIKE" FILTERS



Small enough to fit any space. Both types average 2 1/2" long. 450 volts working; maximum surge voltage, 525. (*) has four leads.

Guaranteed maximum power factor, 10%. This means greater filtering action—more signal.

Stock No.	Cap. Mfd.	List Price	Your Cost	
W2916	W3552	1	55c	32c
W2917	W3563	2	65c	38c
W2918	W3564	4	75c	44c
W2920	W3565	8	95c	56c
W2922	W3567*	8-8	1.50	88c

PAPER TUBULARS



Non-inductively wound; 600 v., d.c. working; test voltage, 1200; test leads cannot pull out.

Stock No.	Cap. Mfd.	Size—Inches L D	List Price	Net Each
W2627	.0001	1 1/2 x 3/8	25c	
W2628	.00025	1 1/2 x 3/8	25c	
W2629	.0004	1 1/2 x 3/8	25c	
W2630	.0005	1 1/2 x 3/8	25c	
W2631	.001	1 1/2 x 3/8	25c	
W2632	.002	1 1/2 x 3/8	25c	
W2633	.003	1 x 3/8	25c	
W2634	.004	1 x 3/8	25c	
W2635	.005	1 1/2 x 3/8	25c	
W2636	.006	1 x 3/8	25c	
W2637	.01	1 1/2 x 3/8	25c	
W2638	.02	1 1/2 x 3/8	30c	
W2638	.02	1 1/2 x 3/8	30c	
W2639	.05	1 1/2 x 3/8	30c	
W2640	.06	1 1/2 x 3/8	35c	
W2641	.1	1 1/2 x 3/8	35c	
W2642	.25	1 1/2 x 3/8	45c	
W2643	.5	1 1/2 x 3/8	60c	
W2681	1.0	2 1/2 x 1 1/2	1.00	

METAL-CASE PAPER BY-PASS CONDENSERS

Enclosed in drawn metal case, wax-proofed against heat and moisture. 1200 v., test; 600 volts surge; 400 volts working.



Stock No.	Cap. Mfd.	Size—Inches L W T	Mtg. Dim.	Your Cost
W2619	0.1	1 3/8 x 3/8 x 1 1/2	2 1/2"	29c
W2620	0.25	1 3/8 x 3/8 x 1 1/2	2 1/2"	35c
W2621	0.5	2 x 3/4 x 1 1/2	2 3/4"	44c
W2622	1.0	2 x 1 1/4 x 1 1/2	2 3/4"	59c
W2623	.1-1	1 3/8 x 1 1/2 x 1 1/4	2 1/2"	38c
W2624	.25-25	2 x 3/4 x 1 1/2	2 3/4"	47c
W2625	.5-5	2 x 1 1/4 x 1	2 3/4"	59c
W2626	1-1-1	2 x 3/4 x 3/8	2 3/4"	50c

PAPER MIDGET UNITS



Ideal for mid-set and automobile receivers. Non-inductive; excellent substitute for mica. Use as by-pass, stopping, grid, etc. Tested at 1000 volts. Mounting dim., 2". These excellent little capacitors have been chosen by manufacturers for use in commercial receivers, and have earned for themselves an enviable reputation.

Stock No.	Cap. Mfd.	Your Cost	Stock No.	Cap. Mfd.	Your Cost
W2657	.0001		W2664	.006	15c
W2658	.00025		W2665	.01	15c
W2660	.0005		W2666	.02	18c
W2661	.001		W2667	.05	18c
W2662	.004		W2668	.06	20c
W2663	.005		W2669	.1	20c

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. Equals any other in price; exceeds them in quality.

Stock No.	Cap. Mfd.	Size—Inches L W H	Your Cost
W3527	4	4 1/2 x 1 3/4 x 3/4	44c
W3528	8	4 1/2 x 1 3/4 x 3/4	56c
W3529	4-4*	4 1/2 x 1 3/4 x 1	71c
W3530	8-8*	4 1/2 x 1 3/4 x 1 1/4	88c

UPRIGHT CAN TYPE



The many features of these multiple section units include ease of fitting into any mounting hole, double screw nut contact. 450 volts working; 525 volts maximum surge. Furnished with mounting clamps. Low power factor. Especially designed for use in the older type radio receivers.

Stock No.	Cap. Mfd.	Size—Inches D L	Your Cost
W3533	8-8	2 1/2 x 4 1/2	\$1.06
W3521	8-8-8	3 x 4 1/2	1.58
W3522	9-9-18	3 x 4 1/2	2.20
W3523	8-8-18-18	3 x 4 1/2	2.85

INVERTED TYPE

These sturdy dry electrolytic, inverted can type condensers are offered at a price within reach of all. Cased in aluminum containers, with mounting brackets. Fit in any mounting hole—may be used to replace cans of much larger size. Continuous working voltage, 450; maximum surge voltage, 525. (*) Have 4 colored leads.



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

OIL-FILLED BY-PASS FOR S. W. RECEIVERS

High quality non-inductive by-pass units.



Stock No.	Cap. Mfd.	Wkg. Volts	Your Cost
W2945	.005	1500	\$0.27
W2946	.002	1500	.27
W2947	.01	1500	.41
W2950	.02	1500	.44
W2948	.05	1000	.47
W2949	.1	1000	.53

The Sprague Co. can replace any electrolytic capacitor or capacitor pack at reasonable prices. When ordering, give make and model of set, capacitance of sections, etc., or send sample.



MALLORY

UNIVERSAL REPLACEMENT CONDENSERS

MALLORY

69 UNITS SERVICE OVER 4000 DIFFERENT RADIO RECEIVERS

The new line of Yaxley-Mallory Replacement Condensers, developed after several years of research by the same men who invented the dry electrolytic unit and practically every worthwhile later development, incorporates every desirable feature with regard to **QUALITY-ADAPTABILITY-SALABILITY**. A stock of only 69 different units will service over 4,000 different

radio receivers! All are individually boxed in attractive cartons—all feature: cellophane separators, etched anodes, stitched anode leads, perfect protection against humidity. In short, they incorporate every modern development that can possibly add to their value. They are undoubtedly the finest available—customer satisfaction and added profits will follow their use.

ELECTROLYTIC

Cardboard Carton Filters



Developed for use wherever cardboard carton type filter units are required, these units embody many striking improvements. All feature universal mounting flanges.

Type CS—Single Section Units

Stock No.	Cap. Mfd.	Wkg. Volts	Size In.	Your Cost
W3855	4	250	1 1/4 x 1 1/2 x 2 1/2	\$0.37
W3856	8	250	1 1/2 x 1 1/2 x 2 1/2	.47
W3857	10	250	1 3/4 x 1 1/2 x 2 1/2	.56
W3858	12	250	1 3/4 x 1 1/2 x 2 1/2	.59
W3860	16	250	1 3/4 x 1 1/2 x 2 1/2	.65
W3861	2	450	1 1/2 x 1 1/2 x 2 1/2	.37
W3862	4	450	1 1/2 x 1 1/2 x 2 1/2	.44
W3863	6	450	1 1/2 x 1 1/2 x 2 1/2	.53
W3864	8	450	1 1/2 x 1 1/2 x 2 1/2	.56
W3865	10	450	1 1/2 x 1 1/2 x 2 1/2	.67
W3866	12	450	1 1/2 x 1 1/2 x 2 1/2	.76

Type CN—With Common Negative

Stock No.	Cap. Mfd.	Wkg. Volts	Size In.	Your Cost
W3874	4-4	250	1 1/2 x 1 x 3	.53
W3875	4-8	250	1 1/2 x 1 x 3	.67
W3876	8-8	250	1 1/2 x 1 x 3	.76
W3878	8-8-8	250	1 1/2 x 1 x 3	1.15
W3879	4-4	450	1 1/2 x 1 x 3	.71
W3880	4-8	450	1 1/2 x 1 x 3	.79
W3881	8-8	450	1 1/2 x 1 x 3	.88
W3882	8-8-8	450	1 1/2 x 1 x 3	1.29

Type CM—With Separate Sections

Stock No.	Cap. Mfd.	Wkg. Volts	Size In.	Your Cost
W3883	4-4	250	1 1/2 x 1 x 3	.53
W3884	4-8	250	1 1/2 x 1 x 3	.67
W3885	8-8	250	1 1/2 x 1 x 3	.76
W3886	8-8-8	250	1 1/2 x 1 x 3	1.15
W3887	4-4	450	1 1/2 x 1 x 3	.71
W3888	4-8	450	1 1/2 x 1 x 3	.79
W3889	8-8	450	1 1/2 x 1 x 3	.88
W3890	8-8-8	450	1 1/2 x 1 x 3	1.29

PAPER By-Pass Condensers



Tubular Type TP

Non-inductive, oil-treated, thoroughly impregnated, and have metal ends.

Stock No.	Cap. Mfd.	Wkg. Volts	Size In.	Your Cost
W3891	.05	200	1 1/2 x 1 1/2	9c
W3892	.1	200	1 1/2 x 1 1/2	.15
W3893	.25	200	1 1/2 x 1 1/2	.21
W3894	.5	200	2 x 1 1/2	.29
W3895	1.0	200	2 1/2 x 1 1/2	.29
W3896	.01	400	1 1/2 x 1 1/2	9c
W3897	.02	400	1 1/2 x 1 1/2	.12
W3898	.05	400	1 1/2 x 1 1/2	.15
W3899	.1	400	1 1/2 x 1 1/2	.21
W3900	.25	400	2 x 1 1/2	.29
W3901	.5	400	2 1/2 x 1 1/2	.29
W3902	.0001	600	1 1/2 x 1 1/2	9c
W3903	.00025	600	1 1/2 x 1 1/2	.12
W3904	.0005	600	1 1/2 x 1 1/2	.15
W3905	.001	600	1 1/2 x 1 1/2	.21
W3906	.002	600	1 1/2 x 1 1/2	.29
W3907	.005	600	1 1/2 x 1 1/2	.29
W3908	.006	600	1 1/2 x 1 1/2	.29
W3909	.01	600	1 1/2 x 1 1/2	9c
W3910	.02	600	1 1/2 x 1 1/2	.12
W3911	.05	600	1 1/2 x 1 1/2	.15
W3912	.06	600	1 1/2 x 1 1/2	.21
W3913	.1	600	2 x 1 1/2	.29
W3914	.25	600	2 1/2 x 1 1/2	.29
W3915	.5	600	2 1/2 x 1 1/2	.29

Round Can Electrolytic Filters



Compact universal metal can filters that can be used to replace any unit by means of the universal mounting hardware. With 8" leads. Palmnut and flat washer included.

Type RS—Single Section Units

Stock No.	Cap. Mfd.	Wkg. Volts	Size In.	Your Cost
W3916	4	250	2 1/4 x 1	\$0.44
W3917	8	250	2 1/4 x 1	.56
W3918	12	250	2 1/4 x 1	.65
W3919	4	450	2 1/4 x 1	.50
W3920	8	450	2 1/4 x 1	.62
W3921	12	450	3 x 1	.82

Type RN—With Common Negative

Stock No.	Cap. Mfd.	Wkg. Volts	Size In.	Your Cost
W3922	4-8	250	3 x 1	.76
W3923	8-8	250	3 x 1	.85
W3924	8-8-8	250	3 x 1 1/2	1.23
W3925	4-8	450	3 x 1	.85
W3926	8-8	450	3 x 1 1/2	.94
W3927	8-8-8	450	3 1/2 x 1 1/2	1.35

Type RM—With Separate Sections

Stock No.	Cap. Mfd.	Wkg. Volts	Size In.	Your Cost
W3928	4-8	250	3 x 1 1/2	.76
W3929	8-8	250	3 x 1 1/2	.85
W3930	8-8-8	250	3 1/2 x 1 1/2	1.23
W3931	8-8-16	250	3 1/2 x 1 1/2	1.38
W3932	8-16-16	250	3 1/2 x 1 1/2	1.53
W3933	4-8	450	3 x 1 1/2	.85
W3934	8-8	450	3 x 1 1/2	.94
W3935	8-8-8	450	4 x 1 1/2	1.35

Universal Mounting Hardware

Type A—Terminal Connector. Eliminates splicing and affords neat anchor between condenser leads and wiring cable. **3c**



Type B—For clamp mounting 1" round cans in a standard 1 1/4" clamp. **3c**



Type C—Flat washer for mounting 1" round cans in 7/8" mounting hole. **2c**



Type C—Large washer for mounting both 1" and 1 1/8" round cans in place of spade bolt mounting. **2c**

W3974—Each **2c**

Universal Mounting Bracket

Model 104-1 is a new mounting bracket that permits the round can stud mounting type of unit such as RS, RN and RM types to easily and efficiently replace the common double spade bolt mounting. 1-bolt support. **6c**

AC-DC Replacement Units

New universal replacement condensers that will really stand up in ac-dc receivers employing combination filter and by-pass units in one container. Models listed are identical electrically but have different containers to fit various kinds of receivers.

W4019—8-8-8 mfd., 200 v., and 5-5 mfd., 25 v. Round container, 1 1/2 x 3 3/4". **\$1.47**

W4020—8-8-8 mfd., 200 v., and 5-5 mfd., 25 v. Carton 1 1/2 x 1 1/2 x 3". **\$1.47**

Compact Tubular Dry Electrolytic Audio By-Passes

These units are designed for bypassing the cathode bias resistors in audio frequency and other low voltage circuits.



Type TS—Single Section Units

Stock No.	Cap. Mfd.	Wkg. Volts	Size In.	Your Cost
W3940	10	25	1 1/4 x 3/4	\$0.29
W3941	20	25	2 1/4 x 3/4	.35
W3942	5	50	1 1/4 x 3/4	.29
W3943	10	50	2 1/4 x 3/4	.38

Type TN—Dual Sections, Common Negative

Stock No.	Cap. Mfd.	Wkg. Volts	Size In.	Your Cost
W3944	5-5	25	1 1/4 x 3/4	44c
W3945	10-10	25	2 1/4 x 3/4	
W3946	5-5	35	1 1/4 x 3/4	
W3947	5-5	50	2 1/4 x 3/4	

Oil Filled Tubular Units

Paper dielectric, non-inductive, oil impregnated and oil filled, extremely low r.f. impedance and power factor. Carefully sealed. All 2000 v. working voltage.



Stock No.	Cap. Mfd.	Size Inches	Your Cost
W4021	.0025	1 1/4 x 3/4	32c
W4022	.005	1 1/4 x 3/4	
W4023	.0075	1 1/4 x 3/4	
W4024	.01	1 1/4 x 3/4	
W4025	.0125	2 1/4 x 3/4	
W4026	.015	2 1/4 x 3/4	35c
W4027	.02	2 1/4 x 3/4	
W4028	.03	2 1/4 x 3/4	
W4029	.04	2 1/4 x 3/4	
W4030	.05	2 1/4 x 3/4	

Wet Electrolytics

Self-regulating type. Lug terminal, can negative. All 475 v. working voltage except 35 mfd. unit which has 400 v. working voltage. Supplied with palmnut. Mount upright.

Stock No.	Cap. Mfd.	Size In.	Your Cost
W3950	4	1 x 3 1/2	\$0.47
W3951	8	1 x 4 1/2	.56
W3952	12	1 1/2 x 4 1/2	.67
W3953	15	1 1/2 x 4 1/2	.79
W3954	18	1 1/2 x 4 1/2	.88
W3955	35	1 1/2 x 4 1/2	1.03

AC Motor Capacitors

Designed for motors using either centrifugal or magnetic type switches. Supplied in sturdy round cans, with single-hole mounting bracket and metal cap protecting the terminals.

Stock No.	Cap. Mfd.	Wkg. Volt.	Diam. Inches	Your Cost
W4041	60	110	2"	\$2.18
W4042	70	110	2"	2.33
W4043	80	110	2"	2.47
W4044	100	110	2"	2.77
W4045	115	110	2"	3.06
W4046	135	110	2 1/2"	3.53
W4047	150	110	2 1/2"	3.88
W4048	100	150	2 1/2"	4.12
W4049	30	220	2 1/2"	3.30
W4050	40	220	2 1/2"	4.21

NEW CONDENSER MANUAL

The 1937 Mallory Condenser Manual contains 96 pages of information that cannot fail to be of invaluable aid to you. A free copy will be sent to dealers or servicemen who write to P. R. Mallory Co., at Indianapolis, Indiana, on business letterhead.



AEROVOX-Dependable Quality-CONDENSERS

MIDGET MICAS

Type 1460



Molded Bakelite; ruby mica dielectric. 450 volts, d.c. working. Case size, 3/8" wide, 1 1/2" long. Case mounting centers, 1 1/4"; lug mounting centers, 1 1/2".

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



Type 1450

Molded Bakelite

Mica dielectric. 1 1/4" square. 500 volts d.c., working. Tinned lugs.

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

Type 1467

Bakelite case, mica dielectric. With long, tinned wire leads. Case size 3/4" square. 250 v. d.c. working.



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

Universal Mounting Condensers



Furnished with mounting rings for universal mounting. Hermetical 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 1/2 x 1 1/4	\$1.06
W4631	8-8-8	3 x 1 1/4	1.59
W4632	9-9-18	3 x 1 1/4	2.20

SPACE-SAVER MIDGET ELECTROLYTICS

Almost half the size of the average unit, yet voltage rating, capacitance and economy are not sacrificed.

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	3/8 x 3/4 x 2 1/4	\$0.65	38c
W4634	4	1/2 x 1 x 2 1/4	.75	44c
W4635	8	1 1/8 x 1 1/4 x 2 1/4	.95	56c
W4636	10	1 1/8 x 1 1/2 x 2 1/4	1.25	73c
W4637	12	1 1/8 x 1 3/4 x 2 1/4	1.40	82c

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	3/8 x 3/4 x 2 1/4	\$0.32
W4639	4	1/2 x 1 x 2 1/4	.44
W4640	8	3/4 x 1 1/4 x 2 1/4	.47
W4641	10	1 1/8 x 1 1/2 x 2 1/4	.53
W4642	12	1 1/8 x 1 3/4 x 2 1/4	.55
W4643	16	1 1/8 x 1 3/4 x 2 1/4	.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 1/4 x 1 1/4 x 2 1/4	.70
W4645	8-8	1 1/2 x 1 1/4 x 2 1/4	.88

Inverted Electrolytics

These inverted mounting, aluminum can condensers are provided with a lock-washer, nut and 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 3/4 x 1 1/4	50c
W4652	8	1 3/4 x 1 1/4	61c
W4653	12	1 3/4 x 1 1/4	82c
W4654	16	1 3/4 x 1 1/4	91c

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 3/4 x 1 1/4	76c
W4656	8-8	1 3/4 x 1 1/4	94c

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 3/4 x 1 1/4	\$1.18
W4658	8-8-8	1 3/4 x 1 1/4	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 3/8 x 2 3/8	\$0.50
W4660	8	1 3/8 x 2 3/8	.61
W4661	12	1 3/8 x 2 3/8	.82
W4662	16	1 3/8 x 2 3/8	.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	2 x 2	\$0.38
W4677	4	2 x 2	.44
W4678	8	2 x 2	.56

Type PR2—200 V. D.C. Working

Stock No.	Cap. Mfd.	Size—In. Dia.—Long	Your Cost
W4679	2	3/4 x 2 1/4	.32
W4680	4	3/4 x 2 1/4	.38
W4681	6	3/4 x 2 1/4	.41
W4682	8	3/4 x 2 1/4	.47
W4683	10	3/4 x 2 1/4	.53

Type PR100—100V. D.C. Working

Stock No.	Cap. Mfd.	Size—In. Dia.—Long	Your Cost
W4684	5	3/4 x 2 1/4	.32
W4685	10	3/4 x 2 1/4	.41
W4686	16	3/4 x 2 1/4	.50
W4687	20	3/4 x 2 1/4	.53
W4688	25	3/4 x 2 1/4	.56



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

Stock No.	Cap. Mfd.	Size—In. D. W. L.	Your Cost
W4646	4-4	1 1/8 x 1 1/4 x 2 1/4	\$0.53
W4647	8-8	1 1/8 x 1 1/4 x 2 1/4	.73
W4648	8-16	1 1/2 x 1 1/4 x 2 1/4	.85

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

Stock No.	Cap. Mfd.	Size—In. D. W. L.	Your Cost
W4649	8-8-8	1 1/2 x 1 1/4 x 2 1/4	1.12

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

Stock No.	Cap. Mfd.	Size—In. D. W. L.	Your Cost
W4650	8-8-8	1 1/2 x 1 1/4 x 2 1/4	1.30

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.



Type GLS-5—450 V. D.C. Work

Stock No.	Cap. Mfd.	Size—In. Dia.—H.	Your Cost
W4663	4	1 x 2 1/4	50c
W4664	8	1 x 2 1/4	61c
W4665	12	1 x 3 1/4	84c
W4666	16	1 x 4 3/4	91c

Type GLS250—250 V. D.C. Work

Stock No.	Cap. Mfd.	Size—In. Dia.—H.	Your Cost
W4667	4	1 x 2 1/4	44c
W4668	8	1 x 2 1/4	56c
W4669	12	1 x 2 1/4	66c
W4670	16	1 x 3 1/4	81c

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. D. W. L.	Your Cost
W4671	4	3/4 x 1 1/4 x 1 1/4	44c
W4672	8	1 1/8 x 1 1/4 x 1 1/4	56c
W4673	16	1 1/8 x 1 1/4 x 1 1/4	85c

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

Stock No.	Cap. Mfd.	Size—In. D. W. L.	Your Cost
W4674	4-4	1 1/8 x 1 1/4 x 1 1/4	70c
W4675	8-8	1 1/8 x 1 1/4 x 1 1/4	88c

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	9c
W4708	.006		W4729	
W4709	.008		W4730	
W4710	.01		W4731	
W4711	.015		W4732	9c
W4712	.02		W4733	
W4713	.03		W4734	
W4714	.05		W4735	10c
W4715	.06		W4736	12c
W4716	.1		W4737	12c
W4717	.15		W4738	15c
W4718	.25		W4739	19c
W4719	.3		W4740	24c
W4720	.5		W4741	29c
W4721	1.0		W4742	50c
W4722	1.0	.05-.01	W4743	20c
W4723	2.1	.05-.05	W4744	24c
W4724	24c	-1.1	W4745	27c

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	12c
W4750	.006		W4770	
W4751	.008		W4771	
W4752	.01		W4772	
W4753	.015		W4773	
W4754	.02		W4774	14c
W4755	.03		W4775	16c
W4756	.05		W4776	21c
W4757	.06		W4777	24c
W4758	.1		W4778	29c
W4759	.15			
W4760	.25			
W4761	.3			
W4762	.5			
W4763	.5	.01-.01		
W4764	.6	.05-.05		
W4765	30c	-1.1		

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	3 1/2 x 1 1/2	18c
W4780	.02	3 1/2 x 2	2

SOLAR Condensers QUALITY ABOVE ALL!

"Little Giant" Midget Dry Electrolytics

Cardboard cased with leads.

525 V. Peak (450 W.V.)

Stock No.	Cap. Mfd.	Dimensions Inches	Your Cost
W3475	2	2 1/4 x 1 1/4 x 1/2	\$0.39
W3476	4	2 1/4 x 1 1/4 x 1/2	.45
W3477	6	2 1/4 x 1 1/4 x 1/2	.54
W3478	8	3 1/4 x 1 1/4 x 1/2	.57
W3479	10	3 1/4 x 1 1/4 x 1/2	.69
W3480	12	3 1/4 x 1 1/4 x 1/2	.78

250 V. Peak (200 W.V.)

W3481	4	2 1/4 x 1 1/4 x 1/2	.39
W3482	8	2 1/4 x 1 1/4 x 1/2	.48
W3483	10	2 1/4 x 1 1/4 x 1/2	.54
W3484	12	2 1/4 x 1 1/4 x 1/2	.57
W3485	16	2 1/4 x 1 1/4 x 1/2	.63

Standard Size Card-Board Electrolytics

With lugs and mounting flanges in cardboard containers waxed and moisture-proofed. 500 volts, d.c. peak surge voltage.

Single Sections—2 Lugs

Stock No.	Cap. Mfd.	Dimensions Inches	Your Cost
W2843	2	2 1/4 x 1 1/4 x 1/2	\$0.39
W2844	4	2 1/4 x 1 1/4 x 1/2	.45
W2845	8	4 1/4 x 1 1/4 x 1/2	.57

Multiple Separate Leads

W2748	4-8	4 1/4 x 1 1/4 x 1/2	.81
W2847	8-8	4 1/4 x 1 1/4 x 1/2	.90

Inverted Can Type Dry Electrolytics

Standard size, mounts in 1/4" hole; cans insulated from sections. Flexible wire color-coded leads for each section. Dimensions: 1 1/2" diameter by 4 3/4" high.

Stock No.	Cap. Mfd.	D.C. Voltage	Peak Your Cost
W2840	8	500	\$0.63
W2841	4+4	500	.78
W2734	4+8	500	.87
W2842	8+8	500	.96

Mica Fixed Condensers

Type MH. Size, 1 1/2 x 3/4 x 1/4". Accurately rated. Molded Bakelite.

Stock No.	Cap. Mfd.	List Price	Your Cost
W3450	.00005	20c	
W3452	.0001	20c	
W3454	.0002	20c	
W3455	.00025	20c	
W3458	.0005	20c	
W3463	.001	25c	9c
W3465	.002	30c	13c
W3467	.003	35c	15c
W3468	.004	40c	
W3469	.005	45c	
W3470	.006	50c	20c
W3474	.01	70c	33c

8c

18c

"Star Midget" Card-Board Electrolytics

500 v. peak 1 to 8 mfd. 4 to 25 mfd., 220 v. peak. Wire leads.

Stock No.	Cap. Mfd.	Dimensions Inches	Your Cost
W2848	1	2 1/4 x 1 1/4 x 1/2	\$0.33
W2849	2	2 1/4 x 1 1/4 x 1/2	.39
W2870	4	2 1/4 x 1 1/4 x 1/2	.45
W3486	6	2 1/4 x 1 1/4 x 1/2	.54
W2871	8	2 1/4 x 1 1/4 x 1/2	.57
W2874	4	2 3/8 x 1 1/4 x 1/2	.39
W2876	8	2 3/8 x 1 1/4 x 1/2	.48
W2877	10	2 3/8 x 1 1/4 x 1/2	.54
W2878	12	2 3/8 x 1 1/4 x 1/2	.57
W2879	16	2 3/8 x 1 1/4 x 1/2	.63
W2880	20	2 3/8 x 1 1/4 x 1/2	.72
W2881	25	2 3/8 x 1 1/4 x 1/2	.75

Cartridge Electrolytics

This widely used type is popular because of the fact that they will fit into the new compact midgets.

Stock No.	Cap. Mfd.	Peak Dimen. Inches	Your Cost
W2703	.5	500 1 1/4 x 3/8	\$0.33
W2704	1	500 1 1/4 x 3/8	.33
W2705	2	500 2 1/2 x 3/8	.39
W2706	4	500 2 1/2 x 1	.45
W2707	8	175 3 1/4 x 1	.57
W2708	4	175 1 3/4 x 1/2	.36
W2709	8	60 2 1/2 x 3/8	.45
W2710	6	60 1 3/4 x 3/8	.30
W2711	10	60 1 3/4 x 3/8	.39
W2714	12	35 2 1/2 x 1	.48
W2715	6	35 1 3/4 x 3/8	.30
W2716	10	35 1 3/4 x 3/8	.30
W2717	25	35 2 1/2 x 3/8	.39

Inverted Can Type Wet Electrolytics

Metal can is negative terminal; 1 1/2" diameter, 4 3/4" high. Self-healing type, withstand temporary excessive voltage without harm. Low leakage, full and well maintained capacitance, excellent power factor—all result in long service life. With all hardware.

Stock No.	Cap. Mfd.	D.C. Voltage	Peak Your Cost
W2725	8	600	\$0.90
W2727	8	500	.60
W2728	10	500	.66
W2729	12	500	.72
W2730	20	500	.90
W2731	30	500	1.20
W2732	16	350	.72

"Postage Stamp" Micas

Size 1/2" square; molded Bakelite.

Stock No.	Cap. Mfd.	List Price	Your Cost
W3403	W3429	.00005	
W3405	W3431	.0001	
W3407	W3433	.0002	
W3408	W3434	.00025	
W3409	W3435	.0003	
W3410	W3436	.0004	
W3411	W3437	.0005	
W3416	W3442	.001	9c
W3418	W3444	.002	12c
W3419	W3445	.0025	12c

8c

85c per doz.

CONDENSER BLOCKS

Name of Receiver and Model	Stock No.	Your Cost
APEX		
Model 41	W1407	\$1.85
Model 46, 46A	W1406	1.70
Models 47, 47A	W1405	1.70
ATWATER-KENT		
37-38 condenser and choke assem.	W1378	1.75
45 condenser	W1370	1.48
46, 47, 53 condenser unit	W1369	2.70
55, 55C, 60, 60C, 72 series	W1368	2.40
	W1365	1.39
BOSCH		
Model 28	W1349	1.95
Model 48	W1347	2.65
Model 10	W1340	2.75
CLARION (see page 118)		
COLUMBIA RADIO		
Model S.G. 8	W1290	2.95
COLUMBIA-KOLSTER		
C-1, C-3	W1280	1.20
EDISON		
R-1, R-2, C-2	W1220	3.30
R-4, R-5, C-4	W1219	2.75
R-6, R-7	W1218	2.75
EVEREADY		
30, 40; 50 series	W1210	2.95
1, 2 and 3	W1349	1.95
FADA		
42, 44, 46, 47, No. 1880X	W1199	2.98
50, 70, 71, 72, 75, 77, 1492MS	W1197	2.98
Model 43	W1206	2.98
KOLSTER-COLUMBIA		
6-J, 6-K, 6-R	W1089	2.95
Model K-43, K-48	W1334	1.98
MAJESTIC		
25B, 251B, 253B, 254B	W1062	2.75
35, 351, 353	W1061	2.75
70 series, 7P6 power, early	W1071	1.74
70 series, 7P6 power, late	W1070	1.74
80-180, 8PB6 power unit	W1069	2.95
90 series, 9PB6 power unit	W1067	1.85
MAJESTIC—Cont.		
90-B and 100-B	W1065	\$1.49
50, 52	W1063	2.20
20 condenser and input trans.	W1064	3.65
30, 31 condenser and choke assem.	W1073	1.49
60, 61, 62, 160, 163	W1072	1.49
PEERLESS		
Model 65	W1045	1.95
PHILCO		
Model 20, 220	W1030	2.20
Model 65	W1029	2.20
Model 82	W1028	2.20
RCA-RADIOLA		
30-A filter	W1018	2.75
42, 48	W1021	2.40
44, 46, 47	W1016	2.55
33, 44, D.C.	W1002	.75
Model 60	W1015	2.95
62 filter	W1014	1.70
66 filter block	W1010	1.95
RE81, R74, 76, 77	W1033	3.95
R7A, RE16A	W1001	.89
R8, 10, 12, RE19	W534	4.65
R50, R55, RAE69, RAE79	W531	2.95
SPARTON		
AC7, 62, 63	W979	3.30
Model 89-A	W976	3.70
69, 79, 79A, 89	W975	1.95
Model 930	W973	1.90
Model 301	W981	1.95
STEINTE		
70, 80, 95	W938	2.95
STEWART-WARNER		
900-950 A.C. series condenser-choke	W928	3.50
STROMBERG-CARLSON		
Models 12, 14	W919	3.75
38, 39, 40, 41	W921	3.95
635, 636	W918	4.50
641, 642, 652, 654	W916	3.50
846, 848	W915	3.65
VICTOR		
Model R-15	W1021	2.40
R-32, RE-45, R-52, RE-75	W890	.95
R-32, RE-45, R-52, RE-75; 4 taps	W 893	1.10

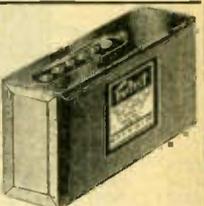
Exact REPLACEMENT CONDENSER BLOCKS

We can supply any exact replacement block for any make of receivers. If you cannot find it in these listings write us, giving complete details, and we will furnish it at lowest price.

MAJESTIC POWER UNIT CONDENSER BLOCKS

These blocks are built to original Majestic specifications and are fully guaranteed as to quality. Constructed with new high-voltage paper condensers to insure long service. Equal or superior to the original blocks. Tinned solder lug terminals are securely riveted to a Bakelite panel on top of unit. Fit chassis exactly, need no changes.

W1071—7P6 early model sets	
W1070—7BP6 late model	
Either	\$1.74
W1067—Model 9P6	\$1.85
Your Cost	
W1069—Model 8P6	\$2.95
Your Cost	
W849—Majestic "A" Eliminator	\$2.75
Your Cost, Each	



W1065—Models 90B-100B Chassis: 90, 91, 92, 93, 102, 103. Genuine part No. 1564.	\$1.49
Your Cost Each	
W1072—Models 60, 160. Genuine part No. 3858.	\$1.49
Your Cost Each	
W1073—Model 30 choke and condenser. Genuine part No. 3622.	\$1.49
Your Cost, Each	

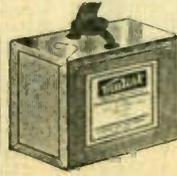
A. K. Models 37 and 38

Contain the filter condenser block and three chokes; two high voltage filter chokes and one speaker choke. Leads color coded; diagrams furnished. Shpg. wt. 7 lbs.

W1378—Your Cost **\$1.75**

POWER TRANSFORMER for models 36, 37 and 38. Exact duplicate. Shpg. wt. 9 lbs.

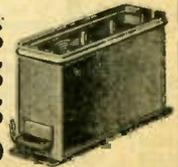
W2255—Your Cost **\$2.10**



ATWATER-KENT POWER UNITS

Color-coded; diagrams with each unit. Guaranteed.

Models 40, 56 and 57	\$4.95
W1376—Your Cost	
Model 41 D.C. With resistors	\$1.95
W1383—Your Cost Each	
Models 42, 44, 45 and 52	\$4.95
W1376—Your Cost Each	
Models 43, 46, 47 and 53	\$6.90
W1375—Your Cost Each	



Trutest ELEC. POLYTIC Condensers

For best results and long life choose TRUTEST electrolytic condensers. Conform with ALL RMA acceptance standards.

CONDENSERS FOR EVERY PURPOSE

Guaranteed to have a power factor of from 4% to 8%; rated within +20% and -10%; leakage less than 0.1 ma. per mfd.

Dry Electrolytic Cartridge Condensers



In waxed cardboard containers with metal ends and 1/4" wire leads. Hermetically sealed.

Stock No.	Cap. Mfd.	Wkg. Volts	Surge Volts	Your Cost
W3380	5	25	40	16c
W3381	10	25	40	16c
W3382	25	25	40	28c
W3383	50	25	40	35c
W3396	5-5	25	40	26c
W3384	5	50	75	20c
W3295	10	50	75	24c
W3297	25	50	75	30c
W3387	5	100	150	22c
W3388	10	100	150	27c
W3392	2	150	200	20c
W3393	4	150	200	27c
W3394	8	150	200	27c
W3395	4-4	150	200	32c
W3389	1	200	250	16c
W3390	2	200	250	19c
W3391	4	200	250	25c
W3291	1	450	525	20c
W3292	2	450	525	24c
W3293	4	450	525	30c
W3296	8	450	525	33c
W3295	10-10	35	60	35c

Dry Electrolytic Can-Type Multiple Section



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	0.88
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

1000 VOLTS SURGE DRY ELECTROLYTIC FILTER CONDENSERS



Especially designed for amateur use, can also be used for industrial purposes. Fully shielded in metal containers with long color-coded leads and mounting flanges with 2 1/2" centers. Have excellent power factor, leakage and capacitance characteristics due to an entirely new method of construction. Their compact size, 4 1/2" high, 2 1/2" wide overall and 1 1/2" deep, makes them readily adaptable to all equipment. They are priced unusually low in spite of their excellent quality.

500 VOLTS WORKING

Stock No.	Cap. Mfd.	Your Cost
W4192	2	50.79
W4193	4	.89
W4194	8	1.39



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 3/4 x 1 1/2". Excellent power factor and long life. Self-healing, able to withstand voltage overloads without harm.

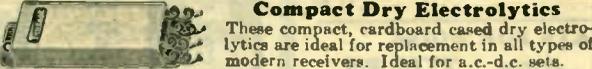
Stock No.	Cap. Mfd.	Surge Volts	Your Cost
W491	4	450	36c
W492	8	500	40c
W493	10	500	44c
W494	12	500	48c
W495	8	600	65c



INVERTED TYPE DRY Electrolytics

For inverted, hole-in-chassis mounting. Standard size, round aluminum can fits hole for 3/8" stud. Can is insulated from condenser sections and is grounded. Rated at 450 volts, d.c. working and 500 volts surge. Shpg. wt. 1 lb.

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



Compact Dry Electrolytics

These compact, cardboard cased dry electrolytics are ideal for replacement in all types of modern receivers. Ideal for a.c.-d.c. sets.

Stock No.	Cap. Mfd.	Surge Voltage	Terminal Connect.	Size Inches	Your Cost
W3575	4-4	175	Neg. Com.	2 1/2 x 1 x 1 1/2	\$0.38
W3576	8-5	175	Neg. Com.	3 x 1 x 1	.42
W3577	8-8	175	Separate	3 x 1 1/2 x 1	.54
W3578	8-8	175	Neg. Com.	3 x 1 x 1	.54
W3579	16-8	175	Neg. Com.	4 1/2 x 1 1/2 x 3/8	.62
W3580	16-16	175	Neg. Com.	3 x 2 x 1	.75
W3581	25-5	175	Neg. Com.	3 x 2 x 1	.63
W3582	16-16-8	175	Separate	4 1/2 x 1 1/2 x 1 1/2	1.15
W3583	25-5-5	175	Separate	2 1/2 x 1 1/2 x 1 1/2	.89
W3584	8-8-8	220	Separate	2 1/2 x 2 1/2 x 1 1/2	.85

"PEE-WEE" Cardboard Dry Electrolytics



Smallest cased condenser; ideal for a.c.-d.c. In waxed containers.

525 V.S. Peak (450 W.V.)

Stock No.	Cap. Mfd.	Dimensions Inches	Your Cost
W3487	2	2 1/2 x 1 x 1 1/2	\$0.29
W3488	4	2 1/2 x 1 x 1 1/2	.35
W3489	6	2 1/2 x 1 1/2 x 1 1/2	.40
W3490	8	2 1/2 x 1 1/2 x 1 1/2	.42
W3491	10	3 1/2 x 1 1/2 x 1 1/2	.52
W3492	12	3 1/2 x 1 1/2 x 1 1/2	.59

250 V.S. Peak (200 W.V.)

Stock No.	Cap. Mfd.	Dimensions Inches	Your Cost
W3493	4	2 1/2 x 1 x 1 1/2	.29
W3494	8	2 1/2 x 1 x 1 1/2	.36
W3495	10	2 1/2 x 1 x 1 1/2	.40
W3496	12	2 1/2 x 1 x 1 1/2	.42
W3497	16	2 1/2 x 1 x 1 1/2	.47

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	3/8	\$0.38
W3206	2	3/8	.42
W3207	4	1 1/8	.52
W3208	6	1 1/8	.59
W3209	8	1 1/8	.60

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	3/4 x 1 1/2	\$0.29
W3212	8	3/4 x 1 1/2	.36
W3213	10	3/4 x 1 1/2	.40
W3214	12	1 x 1 1/2	.42
W3215	16	1 1/4 x 1 1/2	.47
W3216	20	1 1/2 x 1 1/2	.54
W3217	25	1 3/4 x 1 1/2	.55

Small Dry Electrolytics



525 Volt Surge

Full capacitance. Heavy cardboard case. Wax impregnated containers. 450 volt working. 1 1/4" wide.

Stock No.	Cap. Mfd.	T.	L.	Your Cost
W3223	1	3/8"	2 1/8"	25c
W3219	2	3/8"	2 1/8"	29c
W3220	4	3/8"	2 1/8"	35c
W3221	6	3/8"	2 1/8"	40c
W3222	8	1"	2 1/8"	42c
W3218	8-8	1 1/2"	2 1/8"	70c

Dry Electrolytic Filter and By-Pass Condensers

500 v. surge 450 v. working. Heavy cardboard containers. All with tinned lugs, W3348 has colored leads.



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

MULTIPLE UNITS



All 500-volt surge, 450 working, and 4 1/2" high. Heavy cardboard.

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

Shielded Paper By-Pass

Universal mounting types. Hermetically sealed in drawn aluminum shield cans.



Stock No.	Cap. Mfd.	Wkg. Volts	Your Cost
W3260	.1	200	15c
W3261	.25	200	19c
W3262	.5	200	22c
W3263	1.0	200	30c
W3264	2.0	200	40c
W3269	.1	400	22c
W3270	.25	400	26c
W3271	.5	400	33c
W3272	1.0	400	45c
W3276	5-5	200	39c
W3280	5-5	400	50c

Compact Inverted Cans



All in 1" diameter cans. 550 volts surge. Aluminum can, 5/8" threaded stud. Long insulated leads; with all necessary hardware.

Stock No.	Cap. Mfd.	Size In. Height	Your Cost
W3376	2	4 1/4	30c
W3377	4	4 3/4	34c
W3378	6	5 1/8	40c
W3379	8	5 3/4	42c

PAPER CARTRIDGE CONDENSERS

Especially suited for use in sets where space is an important factor. Sealed ends, leads cannot pull out.

Stock No.	Cap. Mfd.	Wkg. Volts	Your Cost	Stock No.	Cap. Mfd.	Wkg. Volts	Your Cost
W3173	.01	200	6c	W3185	.002	600	7c
W3175	.05	200	7c	W3186	.006	600	7c
W3176	.1	200	7c	W3187	.01	600	8c
W3177	.25	200	7c	W3188	.02	600	8c
W3178	.5	200	13c	W3189	.05	600	8c
W3179	.01	400	6c	W3190	.1	600	10c
W3180	.02	400	7c	W3191	.25	600	15c
W3181	.05	400	7c	W3192	.05-.05	200	14c
W3182	.1	400	8c	W3193	-.1-.1	200	14c
W3183	.25	400	10c	W3194	.25-.25	200	16c
W3174	.5	400	15c	W3195	.05-.05	400	14c
W3184	.001	600	7c	W3196	-.1-.1	400	14c

OIL IMPREGNATED VIBRATOR CONDENSER

Exact replacement condensers. Oil impregnated. Rated at 1600 volts. Small square metal cans are 1 1/2 x 3/4 x 1/4" with the exception of W3246, which is 3/8 x 3/8 x 3/8".

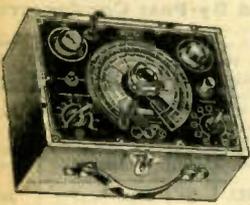


Stock No.	Cap. Mfd.	Stock No.	Cap. Mfd.
W3240	.007	W3241	.01
W3242	.02	W3243	.007
W3244	.01	W3245	.02
W3246	.007		

Your Cost, Any Type, **22c**
*Have two leads—others, one.

TOBE SPRAGUE SOLAR NOISE FILTERS

SOLAR CAPACITOR ANALYZER AND RESISTOR BRIDGE



This new analyzer measures the capacitance of ALL types of condensers by means of a Wein Bridge; range .00001 to 70.0 mfd. Measures power factor of electrolytics from zero to 50%; measures resistors from zero to 50 megohms; measures leakage resistance of condensers and all insulation up to 1000 megohms; directly indicates leaks and shorts. Has 5 direct reading color-coded scales, built-in power supply, uses 6E5 indicator, 1V rectifier, neon test. In cabinet, 9 1/2 x 7 1/2 x 6 1/4", with removable cover. Shpg. wt. 7 lbs.

- W10437—For 110 v., 60 cycles a. c. Less tubes **\$18.82**
Your Cost.....
W10438—For 110/220 v., 25/60 cycles a.c. No tubes **\$25.32**
Your Cost.....
Tubes for either above, 1-6E5, 1-1V..... \$1.40

SOLAR ELIM-O-STATS FOR NOISE

TYPE RA



For use directly at the receiver where a low intensity noise is being received through the power line. Fits on plug legs on line cord of set and is then inserted in power receptacle. Rated at 110 volts, 5 amperes, maximum, a.c. or d.c.

W12432—Your Cost **24¢**

TYPE RB



Type RB is similar to above but more efficient where severe noise is encountered. Plug end fits directly into receptacle, set plugs into unit. Shpg.

wt. 1 lb.
W12433—Your Cost **44¢**

TYPE AD

Similar to above, but for application to small appliances. Has ground post for frame of unit causing noise. For 110 volts, 5 amperes, a.c., or d.c.

W12436—Your Cost **73¢**



TYPE RN

Designed to prevent all types of radio noises from passing to the receiver from the power line. Effective on all bands from 15 to 2000 meters. Employs sectional band-suppression circuit. With long, approved cord and plug.

W12434—Your Cost **\$2.94**

FOR DIAL PHONES



For application to any dial telephone which creates electrical disturbance. Installed in a few minutes without disturbing the telephone installation and will not affect the operation of the telephone. This ELIM-O-STAT is so constructed as to satisfactorily reduce most noises on all frequencies. Shpg. wt. 8 oz.

W12435—Your Cost **73¢**

SPRAGUE INTERFERENCE ANALYZER

Ferrets out the source of interference and shows how to eliminate it. Truly a laboratory instrument. No computations, design problems or guess work. Connect it to the electrical appliance suspected, turn on the receiver and manipulate the switch on the analyzer. The answer to the problem is then read direct. It is compact in construction, measures 4 1/2" wide, 7" high and 3" deep. Case is of molded Bakelite, walnut finished. With flexible leads for quick and safe connections. Saves time and money and is a business getter. Parts employed have a large safety margin and will easily withstand up to 220 volts, a.c., or d.c. With direct-reading charts and complete instructions. Shipping weight 10 pounds.



W12697—Your Cost Complete **\$9.55**

NOISE REDUCING CONDENSERS



Type A left, B right



Type C right

Designed to meet all requirements. Type A (IF33 and 21) is a small two-lead condenser efficient for small appliances and tool motors. Type C (IF50) is an oil impregnated, oil-filled unit used where higher capacitance is required, as for large motors. Type IF11 is a dual unit used on flashers, oil burners, lathe motors, etc. Type B (CH1) is a specially designed choke to carry up to 10 amperes and used on approximately 1 h.p. motors or similar loads.

Stock No.	Type	Model	Shpg. Wt.	List Price	Your Cost
W12438	C	IF-11	1 lb.	\$2.50	\$1.47
W12439	C	IF-50	1 lb.	1.75	1.03
W12440	A	IF-33	1 lb.	.75	.44
W12441	A	IF-21	1 lb.	1.00	.59
W12442	B	CH-1	1 lb.	1.35	.79

KNOCKOUT BOX—Heavy steel with three 3/8" knockouts on each side. 6 1/2 x 6 1/2 x 3". For mounting any above. **88¢**

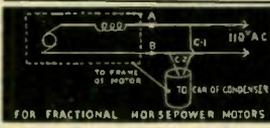


Fig. 1—Showing how IF-33 or IF-21 condensers may be connected across small motors. Two short leads are connected across motor.

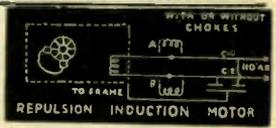


Fig. 2—A typical IF-11 installation made across an induction motor. Can is common negative. All connections close to motor.

TOBE Power Line Filterette



Reduces noises which enter the set through the power line. Effective for all-wave receivers. Contains special all-wave inductors.

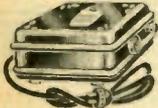
With cord and plug. Metal case. Type RF2. **W12608—Your Cost \$2.90**

PLUG-IN FILTER



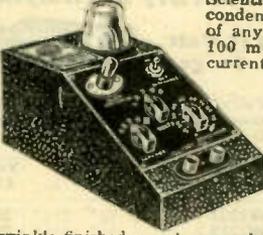
Capacitance type, needs no ground connection. Plugs into any 110-volt outlet, either a.c., or d.c. Has receptacle for receiver plug. **W12607—Your Cost 59¢**

ALL-WAVE FILTER



For suppressing radio noise caused by appliances. Approved by Underwriters. For 110 volts, a.c., or d.c. Maximum current rating, 5 amps. With receptacle and attachment cap for plug-in connection. Has ground post. In metal case, size 5 1/2 x 4 1/2 x 3 1/2". Shpg. wt. 13 lbs. **W12683—110-Po \$6.18**
Your Cost.....

TOBE CONDENSER ANALYZER



Scientifically and simply tests all types of condensers—electrolytic, paper, mica, oil—of any capacitance from .00005 mfd., to 100 mfd., for leakage resistance, leakage current, open and short circuit, and intermittent internal connection. Contains a built-in power supply for operation on 110 volts, 50/60 cycle a.c., which furnishes up to 700 volts d.c., and employs an O1A tube. Leakage current is indicated by a neon glow tube. The quality of a condenser is determined by a simple setting of three controls. The instrument is encased in a black wrinkle-finished metal case only 3 3/4 x 4 1/2 x 7 1/2". Furnished complete with alligator clips. Shpg. wt. 8 lbs. **W10465—With neon tube; less O1A tube. Your Cost \$11.40**

FOR OIL BURNERS



Effective on all waves. Mounted in cut-out box, with detachable clamps to mount on pipes or flat surface. Furnished with full instructions. Fully approved. For 110 volts, 4 amps., a.c. or d.c. Shpg. wt. 8 lbs. **W12609—OB-110 \$5.70**
Your Cost.....

Heavy Duty Filter

For use on motors, generators, farm lighting system, chargers, etc. In metal cut-out box. Effective on all waves. Fully approved. With necessary fuses for overload. For 110 volts, a.c. or d.c. Available also for 220 volts. **W12680** Amps. 5 Wt. 10 Net \$7.15
W12681 Amps. 10 Wt. 15 Net \$11.75

TOBE FILTERETTE JUNIOR



For household appliances, cash registers, etc. Easily makes all small motors noise-free. In Bakelite case 2 1/2" long, 1 1/2" diameter. Has ground post for frame of appliance. Approved by Underwriters. For 110 volts, a.c., or d.c. Has receptacle for receiver and prongs for power line outlet. **W12601—Your Cost \$1.32**

FILTERETTE SR.

Similar to above, but designed for larger interference-causing devices than can be handled with the above Filterette Jr. Fully approved by Underwriters' Labs. **W12600—Wt. 4 lbs. \$3.24**
Your Cost Each.....

RADIO NOISES AND HOW TO CURE THEM



This valuable book tells how radio noises originate, are distributed and how to cure them. Written for technicians and the layman. **W12695—Your Cost 30¢**

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	\$1.15
W4539	22472	7	200	.40
W4540	24602	8-8-8	150	.97
W4541	24955	8-8-8	150	.97
W4542	27592	4-8-10	450-450-25	1.13
BELMONT (FRESHMAN)				
W3018	C-525C	5-25	100	.54
W3006	C-525-B	5-25-5	100	.86
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	16-4-4-5	150-10	1.21
COLONIAL				
W4546	R8780-C	8-4	350-150	.65
W4547	8357	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	.56
W2805	W27488A	6-8	450-25	.51
W502	30124	16-16-8	100-125	1.16
W503	29012	12-2-5	40-80 a.c.	.67
W504	29150	7-6-8	450-400-25	.97
W505	30059	8-8-8	450-250-450	1.19
W3023	26896A	12-6	300-25	.70
W3024	29264A	16-16-8	125-100-20	1.18
W3025	29804A	16-16-8	150	1.24
W3027	30419	8-8	25-250	.65
W2975	28068	12	200	.51
W4551	30962	8-25	150	.85
W2976	25857B	8-8	200-25	.46
W2977	26119	8-4	150-300	.57
W3824	27677	8-8	25	.40
W3825	28468	8-12	350-475	1.21
W3826	29097B	8-8-8	450-450-250	1.16
W3828	29808	12	250	.59
DETROLA				
W3039	Aberne	4-17-8	135	.94
W3040		8-8-8-4	100	.75
EMERSON				
W2956	KC68	4-8-16	175	.97
W3830	HC31	4-4	200	.53
W4552	TC89	4-12-16	150	1.03
W4553	TT159	6-8-12	450-25	1.13
W4554	GGC137	8-16-5	175-35	1.13
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	1888	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	1.19
W4565	30091-1	8-8-8	450-475-12-12	1.59
W4566	30326	8-8-12	350-250	1.08
W4567	26508	8-8-4-4	300-25	1.08
GRIGSBY-GRUNOW (MAJESTIC)				
W2817	7402	10	6	.27
W2819	8118	20	30	.32
W2821	7824	8-16	300	.89
W2823	8755	4-8	450	.70
W2825	9661	8-10-16	140-15-140	.97
W2827	9979	8-8	350	.76
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	.41
W3836	10827	10-8-8	25-350	1.09
W2924	4713-D	8-8	500	.95
W4568	10536	4-6-10	300-350-25	1.00
W4569	6277	8-4-4	450	1.18
INTERNATIONAL (KADETTE)				
W2978	A424	4-10-10	150	.89
W2979	A426	2-7	100	.54
W2980	A427	3 1/2-3 1/2-3 1/2	100-25	.65
W4570	A412	8-30	150	.91
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	.40
W2866	66140-2	5-5	35	.40
W2867	66143-2	10-4	350-150	.67
W2885	66174	4-4-4	140-220-140	1.35
		15-4-4	20-140-180	
W2887	66185-1	8-8-5-5	40-230-380	1.10

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	\$1.11
W2893	66185-2	8-8-5-5	450-50	1.19
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
W2901	66143-3	4-4	450-150	.57
W2929	66160-2	8-4-10	150-100-25	.73
W2930	66156-1	4-4-10	300-300-150-25	1.08
W2934	66197-2	5-5	50	.46
W3838	66160	8-8	250-175	.67
W3840	66189-1	8-4-4	350-150-300	.85
W3839	6535	4-4	150-300	.48
R. K. RADIO LABS.				
W2718	Radio Keg	12-8-5	150-25	.92
W4573		16-16-8	150-400	.92
SPARTAN				
W2935	9550	5-25-5	150	1.05
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	1.05
W4579	81959	4-13-7	150	.97
W4580	85565	4-0	100	.81
W4581	83962	10-5	25-350	.44
U. S. RADIO & TEL. (APEX)				
W3843	6201	4-4-12	150	.92
W4582	6508A	8-8-4-4	300-25	1.03
W4583	2719	8	300	.53
UNITED MOTORS				
W4582	26508B	8-8-4-4	300-25	1.21
W3843	6201	4-4-12	150	.92
W4584	4038	10-10	300	.84
W4551	4052	8-25	150	.78
WELLS GARDNER (MONTY. WARD)				
W2905	80939	8-16	300	.90
W2907	81021	12-12	25	.35
W2939	80984B	16-6-1	475-150-350-100	1.75
W3844	80944E	4-12-16	150	1.09
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	.86

MALLORY Special
Electrolytics



For Crosley models 95, 96, 98, 99, 102, 129-1, 130, 130-1, 132, 132-1, 134, 136-1, 146-1, 148, 154, 157, 158, 160, 163, 167, 169 and 176. Capacity 8-8 mfd., 250-350 working volts. Illustrated.
W3956—Your Cost \$76c

For Philco models 16, 17, 18, 116, 118, 200, 201, 640, 650, 660, 680. Capacity 3-2-1-1 mfd., 450 working volts.
W3957—Your Cost \$1.23

For Belmont models 53, 425, 440, 525, 530, 540, 625, 650; Emerson models H5, 30AW, 33AW, 250, 250AW, 821AW, 350AW, 30LW, 33LW, 260LW, 321LW, 350LW; Grunow models 5B, 501, 550; Sears Roebuck model 7114; Wells Gardner models 05A, 5B; Zenith models 701, 702, 801, 5-25-10 mfd., 150 working volts.
W3958—Your Cost \$1.15

For Kadette F Jr., early and late. 4-4-4 mfd., 150 working volts.
W3959—Your Cost Each \$79c

AEROVOX EXACT DUPLICATE CONDENSERS

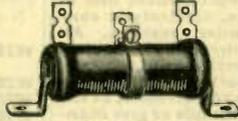
Stock No.	Mfr's No.	Model of Set	Cap. Mfd.	Your Cost
ATWATER-KENT				
W4540	24602	155	8-8-8	50.97
W4541	24955	155 (3)	8-8-8	.97
W4538	26158	275, 825	8-14-8	1.15
W4542	27592	376	4-8-10	1.13
COLONIAL				
W4546	R8780C	122, 152	8-4	.65
CROSLEY				
W2804	W27488	148, 167	8-6	.56
W3024	W29264A	166, 172	16-16-8	1.18
W3025	W29804A	174	8-16-16	1.24
W3027	W30419	103	8-8	.65
W4551	W30962	182	8-25	.85
EMERSON				
W3830	HC-31	20A, 25, 25A	4-4	.53
W3831	HC-32	20A, 25, 25A	5-5	.44
W4555	UUC-179	31B5	12-8x5-5	1.15
FADA				
W3043	4-1362MS	RN	8-16	.94
W4559	4-1450MS	RU	8-8-16	1.29
INTERNATIONAL (KADETTE)				
W4570	A-412	ES19, ES20, ES25, ES30, 60, 65, 80, 85	8-30	.91
W4571	A-425	A and B	10-10-4	.97
MAJESTIC				
W3833	5414	151, 153, 154, 155, 156, 251, 253, 254	8	.56
W4569	6277	201, 203, 204	8-4-4	1.18
W3834	7173	291, 293, 294	8	.56

Due to space limitations in this catalog the following listing is but a condensed representation of the AEROVOX line of exact duplicate condensers. Any type not listed here is on hand for immediate delivery at 40 & 2% discount.

Trutest Vitreous Enamel RESISTORS

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. Furnished complete with legs.



25 Watts (2" Long x 3/4" O. D.)				50 Watts (4" Long x 3/4" O. D.)			
Stock No.	Resist. Ohms	Max. List Price	Your Cost	Stock No.	Resist. Ohms	Max. List Price	Your Cost
W20740	1 5000	\$0.85		W20770	100 700	\$1.30	
W20741	2 3500	.85		W20771	200 500	1.30	
W20742	3 2800	.85		W20772	300 406	1.30	
W20743	5 2225	.85		W20773	400 353	1.30	
W20744	10 1500	.85		W20774	500 316	1.30	
W20745	20 1100	.85		W20775	800 252	1.30	
W20746	50 700	.85		W20776	1000 224	1.30	
W20747	100 500	.85		W20777	1500 182	1.30	
W20748	200 353	.85		W20778	2000 158	1.30	
W20750	500 224	.85	42¢	W20779	2500 141	1.30	
W20751	750 182	.85		W20780	3000 129	1.30	
W20752	800 177	.85		W20781	4000 112	1.30	
W20753	1000 158	.85		W20782	5000 100	1.30	
W20754	1500 129	.85		W20783	6000 91	1.45	
W20755	2000 112	.85		W20784	7000 84	1.45	
W20757	2500 100	.85		W20785	8000 79	1.45	
W20759	4000 79	.85		W20786	9000 74	1.60	
W20760	5000 71	.85		W20787	10000 71	1.60	
W20761	6000 64	.85		W20788	12000 65	1.60	
W20762	7000 60	.85		W20789	15000 58	1.75	
W20763	8000 56	.85	46¢	W20790	20000 50	1.80	
W20765	10000 50	.85		W20791	25000 45	1.80	
W20795	15000 41	.85		W20792	30000 41	1.85	
W20796	20000 35	.85	54¢	W20793	40000 35	1.90	
W20797	25000 32	.85		W20794	50000 32	1.95	

6" Long x 3/4" O. D. - 75 Watts				20-Watt Rating 1/2" x 2" Isolantite Tube				50-Watt Rating 3/4" x 4" Isolantite Tube							
Stock No.	Resist. Ohms	Max. List Price	Your Cost	Stock No.	Resist. Ohms	Max. List Price	Your Cost	Stock No.	Resist. Ohms	Max. List Price	Your Cost				
W20800	100 865	\$1.75		W20812	5000 122	\$1.75	\$0.85	W4850	1	W4861	30	W4872	400	W4881	3000
W20801	200 610	1.75		W20813	6000 112	1.75		W4851	2	W4863	40	W4873	500	W4883	5000
W20802	300 500	1.75		W20814	7000 103	1.85		W4854	5	W4864	50	W4875	750	W4886	10000
W20803	400 432	1.75		W20815	7500 100	1.90		W4856	10	W4866	100	W4876	1000	W4888	15000
W20804	500 387	1.75		W20816	10000 87	2.10	98¢	W4858	15	W4868	150	W4878	1500	W4889	20000
W20805	750 316	1.75		W20817	15000 71	2.30		W4859	20	W4869	200	W4879	2000	W4890	25000
W20806	1000 274	1.75		W20818	20000 61	2.30		W4860	25	W4870	250	W4880	2500		
W20807	1500 224	1.75		W20819	25000 55	2.45									
W20808	2000 194	1.75		W20820	30000 50	2.50									
W20809	2500 173	1.75		W20821	40000 43	2.55	\$1.10								
W20810	3000 158	1.75		W20822	50000 39	2.60									
W20811	4000 137	1.75		W20823	100000 27	2.75	1.22								

Extra sliders to fit any of the above resistors. W20825 - Your Cost Each 5¢

Power Clarostats

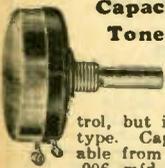


Heavy duty variable resistors. Power Clarostats will handle 80 watts; Super-Power Clarostats 250 watts.

Power	Super-Power	Res. Ohms
W6831	W6834	1/2 - 10
W6832	W6835	25 - 50
W6833	W6836	200 - 1 Meg.

Your Cost Each \$2.05
Super-Power Clarostats \$3.50

Filtermatic Octave Capacitor Type Tone Control



Grid circuit type; is in form of conventional control, but is of capacitor type. Capacitance variable from 50 mmfd. to .006 mfd. in 7 gradual steps. No danger of breakdown.

W6840 - Less switch	35¢
W6841 - With switch	53¢

CENTRALAB POWER RHEOSTATS

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.



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

Your Cost Each \$1.18

50-Watt Units			
Stock No.	Res. Ohms	Stock No.	Res. Ohms
W8987	25	W8990	500
W8988	60	W8991	1000
W8989	150		

Your Cost Each \$1.47

W8992 - 5000 ohms	\$1.62
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75-Watt Units			
Stock No.	Res. Ohms	Stock No.	Res. Ohms
W8995	50	W8998	500
W8996	150	W8999	1000
W8997	300		

Your Cost Each \$1.76

Trutest 5 and 10 Watt Resistors Wire Wound Tolerance Within 2%



These Trutest resistors are wound with genuine nichrome wire on fine ceramic tubes. Guaranteed accuracy 2%; most are within

1% of their rated value.		When ordering, specify size desired.	
Ohms	Ohms	Ohms	Ohms
5	50	250	800
10	75	400	900
15	100	500	1000
20	150	600	1100
25	200	750	1250
			2500
			6000
			7000
			15000
			17500
			50000*

* Available in 10-watt size only.
W4438 - TRUTEST 5-Watt Resistors Your Cost Each, Any Size 18¢
W4439 - TRUTEST 10-Watt Resistors Your Cost Each, Any Size 21¢

Trutest FIXED RESISTORS



Guaranteed to be within plus or minus 10% of their rated value, most are within 5%. All are non-porous, dissipate heat rapidly, have positive lug contacts and do not change in resistance value. Contact lugs are of Monel Metal. Each resistor is individually marked showing resistance.

10-Watt Rating 1/2" x 1 1/4" Isolantite Tube			
Stock No.	Ohms	Stock No.	Ohms
W4850	1	W4861	30
W4851	2	W4863	40
W4854	5	W4864	50
W4856	10	W4866	100
W4858	15	W4868	150
W4859	20	W4869	200
W4860	25	W4870	250

Your Cost Each, Any Size 20¢

20-Watt Rating 1/2" x 2" Isolantite Tube				50-Watt Rating 3/4" x 4" Isolantite Tube			
Stock No.	Ohms	Volts	Your Cost	Stock No.	Ohms	amps.	Volts
W4910	25	895	22	W4956	20	1581	36
W4911	50	633	32	W4958	100	707	70
W4912	75	617	38	W4959	250	447	111
W4913	100	447	44	W4960	500	316	157
W4915	200	316	63	W4962	750	258	192
W4917	300	258	77	W4963	1000	223	200
W4919	400	224	90	W4964	1500	182	275
W4920	500	200	100	W4965	2000	158	315
W4923	750	163	122	W4969	4000	111	450
W4926	1000	141	141	W4970	5000	100	500
W4930	1500	115	173	W4971	6000	91	540
W4933	2000	100	200	W4973	7500	81	610
W4934	2250	94	211	W4976	10000	70	700
W4936	2500	89	222	W4978	12500	63	790
W4938	3000	81	240	W4979	15000	57	850
W4940	4000	71	284	W4981	20000	50	1000
W4942	5000	63	315	W4982	25000	44	1100
W4943	6000	57	342	W4983	30000	41	1200
W4946	8000	50	400	W4984	40000	35	1400
W4947	10000	44	440	W4985	50000	31	1550
W4948	12500	40	500	W4987	75000	26	1950
W4949	15000	37	550	W4988	100000	22	2200
W4950	25000	28	700				
W4951	35000	24	850				
W4952	50000	22	1000				
W4951	75000	19	1150				
W4952	100000	16	1250				

32¢
37¢
43¢

Wattage ratings taken with one foot of free air circulating around unit.

Exact Duplicate Voltage Dividers

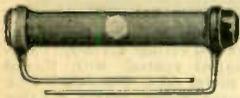
Only the most popular types are listed. We can supply voltage dividers for any receiver, at the very lowest prices. Write giving name and model number of set, and we will quote immediately.

Name and Model	Resistance In Ohms	Stock No.	Your Cost
APEX 27	4700-8400-10700	W20411	73c
BOSCH 48	950-1450-2000	W20431	60c
EARL 31, 31S, 32, 32S, 41, 33, 33S	4000-0-750	W20491	57c
FRESHMAN N-11, N-12	2200-6600-3300-4500-1500	W20508	59c
FRESHMAN "G"	2100-3000-4300-1250-300	W20509	64c
MAJESTIC 20	4125-750-0-770-158	W20550	77c
STROMBERG 635, 636, STROMBERG 641, 642, 652, 654	2500-3000-3000-770	W20614	78c
VICTOR R-32, RE-45, R-52, RE-75	7800-3200	W20620	75c
ZENITH ZE-10, ZE-12, ZE-13 ZE-15, ZE-16	2000-1350-200-775	W20632	50c
Power Units	6000-7800-8000-2500	W20635	70c
ZENITH ZE-18 Power Unit	13000-11000-9500-1800	W20636	90c
ZENITH ZE-50, ZE-60, ZE-70 Series Power Units	2800-2350-850	W20638	70c



Truest Carbon Resistors

Truest INSULATED



CARBON RESISTORS

The latest development in the resistor field. High

quality carbon resistors, guaranteed accurate plus or minus 10%, in a processed moisture-proof insulating envelope. Can be used anywhere without fear of shorting. R.M.A. color coded. Tinned wire leads. They are noise-free.

Specify resistance desired when ordering.

Ohms	Ohms	Ohms	Ohms	Ohms
200	2000	15000	100000	750000
500	2500	20000	150000	1 Meg.
800	5000	25000	200000	2 Meg.
1000	7500	50000	250000	5 Meg.
1500	10000	75000	500000	10 Meg.

W5257— $\frac{1}{2}$ -Watt, $1 \times \frac{1}{4}$ " **7c**
 W5258—1-watt, $1 \frac{1}{4} \times \frac{1}{4}$ " **8c**
 Your Cost Each

Truest Ohm Indicator

Handy
Simple
Reliable



Range 0-100,000 Ohms

Wire wound on a vitreous enameled insulant tube. Calibrated from 0 to 100,000 ohms. Comes with test prod and test clips. May also be used as a temporary voltage divider, volume control, etc. In use, test clips are fastened on the ends of the defective resistor, and prod is run up the scale until the best reception is obtained; resistor of same value is then substituted. Shpg. wt. 2 lbs. **\$1.45**
 W4997—Your Cost

Truest FILAMENT AND C. T. RESISTANCES WITH CENTER TAP



Dependable wire wound units, accurately rated. Tapped

at the electrical center. Have solder lug terminals and mounting feet. Available in 10, 20, 30, 40, 50, 60, 100 and 200 ohms.

Specify resistance desired. W3999—Your Cost Each **8c**

WITHOUT CENTER TAP

For filament circuits. Available in 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 15, 25, 30, 40, 50 and 60 ohms. Specify resistance desired. W3997—Your Cost Each **7c**

Same as above, but 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000 or 1500 ohms. Specify resistance desired. W3998—Your Cost Each **8c**

Truest CARBON RESISTOR STRIPS



Just the thing for the shop or the tool kit. Each consists of a selection of Truest R.M.A. coded carbon resistors neatly mounted on a heavy cardboard strip that has a hole at one end for hanging on a nail or hook. By refilling from Truest stock as they are used, a complete range of popular values can be kept on hand at all times. 20 resistors in each kit. R.M.A. color code chart with each strip.

$\frac{1}{2}$ -WATT KITS

W4435—20 resistors 200 to 15,000 ohms.
 W4436—20 popular resistors ranging from 17,500 ohms to 2 $\frac{1}{2}$ megohms.
 Your Cost Each, Either Kit **90c**

1-WATT KITS

W4430—20 resistors 200 to 25,000 ohms.
 W4431—20 popular resistors ranging from 30,000 ohms to 10 megohms.
 Your Cost Each, Either Kit **\$1.05**

GENERAL REPLACEMENT RESISTORS

All absolutely moisture proof and will stay permanent regardless of atmospheric conditions.

TRUEST RESISTORS are R.M.A. color coded for easy identification and are made of the finest material and workmanship. Guaranteed accuracy, 10% plus or minus. The average are within 5%. Resistance values read approximately the same at any normal voltage—most important for resistance service work. No moisture can possibly penetrate, so age cannot change the resistance value. Great mechanical strength eliminates any chance of accidental breakage.

PRECISION MANUFACTURING—Carefully calibrated resistance material is molded in a solid form and fired at a high temperature so that no ordinary service or overload temperature can damage the resistor wire. Tinned leads are forced onto the metal sprayed ends under great pressure. Nothing is spared to make these replacement resistors as fine a group as can be obtained for service work.



2-WATT



1-WATT



$\frac{1}{2}$ WATT

2-WATT
2" LONG

1-WATT
1 $\frac{1}{4}$ " LONG

$\frac{1}{2}$ -WATT
1" LONG

Resis. Ohms	$\frac{1}{2}$ -Watt Stock No.	1-Watt Stock No.	2-Watt Stock No.	Resis. Ohms	$\frac{1}{2}$ -Watt Stock No.	1-Watt Stock No.	2-Watt Stock No.	
200	W4250	W4300	W4450	25000	W4274	W4324	W4474	
300	W4245	W4348		30000	W4275	W4325	W4475	
400	W4251	W4301	W4451	40000	W4276	W4326	W4476	
500	W4252	W4302	W4452	50000	W4277	W4327	W4477	
600	W4253	W4303	W4453	60000	W4278	W4328	W4478	
700	W4254	W4304	W4454	70000	W4279	W4329	W4479	
800	W4255	W4305	W4455	75000	W4280	W4330	W4480	
1000	W4256	W4306	W4456	100000	W4281	W4331	W4481	
1250	W4257	W4307	W4457	125000	W4282	W4332	W4482	
1500	W4258	W4308	W4458	1500000	W4283	W4333	W4483	
2000	W4259	W4309	W4459	2000000	W4284	W4334	W4484	
2500	W4260	W4310	W4460	2500000	W4285	W4335	W4485	
3000	W4261	W4311	W4461	3000000	W4286	W4336	W4486	
3500	W4262	W4312	W4462	4000000	W4287	W4337		
4000	W4263	W4313	W4463	5000000	W4288	W4338	W4487	
5000	W4264	W4314	W4464	7500000	W4289	W4339		
6000	W4265	W4315	W4465	Megohms	1	W4288	W4338	
7000	W4266	W4316	W4466	1.5	W4288	W4338		
7500	W4267	W4317	W4467	2	W4288	W4338		
8000	W4268	W4318	W4468	2.5	W4288	W4338		
9000	W4269	W4319	W4469	3	W4288	W4338		
10000	W4270	W4320	W4470	4	W4288	W4338		
12000	W4271	W4321	W4471	5	W4288	W4338		
15000	W4272	W4322	W4472	6	W4288	W4338		
17000	W4273	W4323	W4473	7	W4288	W4338		
20000				8	W4288	W4338		
				9	W4288	W4338		
				10	W4288	W4338		

$\frac{1}{2}$ -WATT SIZE	1-WATT SIZE	2-WATT SIZE
Your Cost Each 5c	Your Cost Each 6c	Your Cost Each 10c
Per Dozen 50c	Per Dozen 60c	Per Dozen \$1.00
Per 100 \$4.00	Per 100 \$4.85	Per 25 2.20

FREE! With each purchase of 3 or more Truest Carbon Resistors, a pocket-size R.M.A. color code chart.

\$1.65
Kit of 25



Kit of 48

\$2.75

R.M.A. Color Coded Resistors In Sturdy Metal Box with Hinged Cover

FREE!
Color Code Chart

KIT OF 25 RESISTORS

25 popular 1-watt R.M.A. coded carbon resistors ranging from 200 ohms to 2 megohms. In metal box $4 \frac{1}{2} \times 6 \frac{1}{4} \times \frac{3}{4}$ ". Shpg. wt. 2 lbs.

W4432—Your Cost Each **\$1.65**

Truest "RESISTO-CAN" 1-WATT CARBON RESISTOR KITS

Handy for the serviceman's tool kit or work bench. These popular kits are made up of assortments of the most commonly used 1-watt carbon resistors. All are R.M.A. color coded, and a chart is furnished with each kit. Resistors are contained in a sturdily built metal box that is attractively finished in a durable lacquer.

HANDY TO HAVE ON HAND

Box has hinged top cover. By replacing resistors as they are used, a good working stock is always on hand. The kit of 25 units contains 25 different value resistors; the larger kit contains a total of 34 different sizes, with two and three of the most popular resistances to make a total of 48 units. Kits are offered at extremely low prices—stock up now. Why wait until a rush job finds you out of the very unit you need?

KIT OF 48 RESISTORS

48 popular 1-watt R.M.A. coded carbon resistors ranging from 200 ohms to 3 megohms. In metal box $10 \frac{1}{4} \times 4 \frac{1}{4} \times \frac{3}{4}$ ". Shpg. wt. 3 lbs.

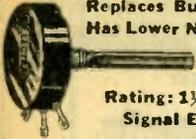
W4433—Your Cost Each **\$2.75**



ELECTRAD WIRE WOUND RESISTORS

NEW! ELECTRAD Type BN Attenuators

Replaces Bulky Units Has Lower Noise Level



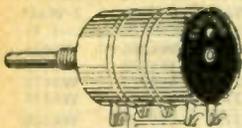
Rating: 1 1/2 Watts Signal Energy

Feature lower noise level, true logarithmic and greater attenuation. Only 1 1/4" diam., 1/2" deep. Control mike, phono, radio line, antenna impedance matching line, etc. Can be used as speaker control.

Stock No.	Imped. Ohms	Stock No.	Imped. Ohms
W7677	15	W7683	3000
W7678	50	W7684	4000
W7679	100	W7685	5000
W7680	200	W7686	7000
W7681	250	W7687	10000
W7682	500		

Your Cost Each **\$1.76**

T Pad Attenuator

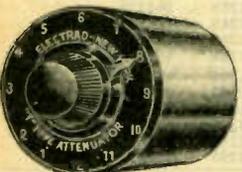


A network of three resistors are housed in a large moisture-proof case. Two sections offer constant resistance to the input and output circuits while a tapered section controls the volume level.

Stock No.	Ohms	Stock No.	Ohms
W7715	8	W7706	200
W7705	15	W7707	500
W7712	50		

Your Cost Each **\$2.06**

Super T Pad



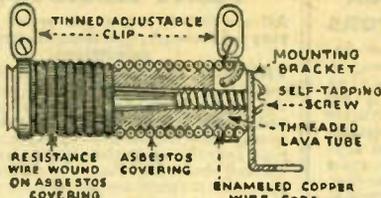
Tap switch type, wire wound element. Self-cleaning contacts. Will handle 8 watts of signal energy. Even attenuations obtained up to 44 db in 4 db steps. Is non-inductive and absolutely quiet.

W7710	200 ohms
W7711	500 ohms

Your Cost Each **\$7.35**

ELECTRAD TRUVOLT ADJUSTABLE RESISTORS

The Electrad line of Truvolt wire wound resistors incorporates many design features that make them especially well suited for general replacement work or for new apparatus. The 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 protective insulating sleeve is furnished with each resistor. Unique end brackets are supplied with types B and C resistors—they can be mounted in any position. Self-tapping screws are supplied that fit inside the tube.



Type A—10-Watts—3/8" x 1 3/4" Long					
Stock No.	Res. Ohms	Stock No.	Res. Ohms	Stock No.	Res. Ohms
W7150	1	W7161	50	W7169	1000
W7151	2	W7162	75	W7170	1250
W7153	3	W7163	100	W7171	1500
W7155	7.5	W7164	200	W7172	2000
W7156	10	W7165	300	W7173	2500
W7157	15	W7166	400	W7174	3000
W7159	25	W7167	500	W7175	4000
W7160	30	W7168	800		

Your Cost Each, Any Size **29c**

W7632—Extra Sliders. Each 5c Per Dozen 50c

Type B—25-Watts—2" Long					
Stock No.	Res. Ohms	Your Cost	Stock No.	Res. Ohms	Your Cost
W7212	100		W7224	2000	
W7213	200		W7226	2500	
W7215	300		W7227	3000	
W7216	400	49c	W7228	3500	49c
W7217	500		W7229	4000	
W7218	750		W7230	4500	
W7219	800		W7231	5000	
W7221	1000		W7232	6000	55c
W7222	1250		W7233	7000	
W7223	1500		W7235	7500	

W7633—Extra Sliders. Each 5c Per dozen 50c

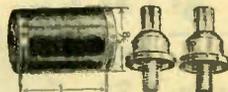
Type C—50-Watt—4" Long					
Stock No.	Res. Ohms	Your Cost	Stock No.	Res. Ohms	Your Cost
W7246	100		W7259	8000	
W7247	200		W7260	3500	
W7248	300		W7261	4000	79c
W7249	400		W7262	4500	
W7250	500	79c	W7263	5000	
W7251	750		W7264	6000	
W7253	1000		W7265	7000	88c
W7255	1500		W7267	7500	
W7256	2000		W7269	9000	
W7258	2500		W7270	10000	

W7633—Extra Sliders. Each 5c Per Dozen 50c

PRECISION WIRE WOUND ONE WATT RESISTORS

One watt precision wire wound resistors accurate to within plus or minus 1%. Each resistor individually bridge tested. Particularly suited for use as multipliers with voltmeters and other laboratory test instruments. Highest quality enameled wire insures against shorted turns. Non-inductive winding impregnated with moisture-proof compound. Windings utilize a non-porous ceramic form having six sections. Reversed winding of adjacent sections provides low distributed capacitance. For pigtail mounting.

Stock No.	Res. Ohms	Your Cost	Stock No.	Res. Ohms	Your Cost
W5003	5		W5015	7500	
W5004	10		W5016	10000	58c
W5005	25		W5017	12500	64c
W5006	50		W5018	15000	
W5007	100	50c	W5019	20000	
W5008	150		W5020	25000	
W5009	200		W5021	30000	79c
W5010	500		W5022	35000	
W5011	1000		W5023	40000	94c
W5012	2500	53c	W5024	50000	
W5013	4500	58c	W5025	60000	
W5014	5000		W5026	75000	



FERRULES ONLY

These ferrule terminals screw into threads provided in the resistors. A complete unit can then be mounted in clips or attached to leads.

W5001—Your Cost Per Pair **15c**

Stock No.	Res. Ohms	Your Cost	Stock No.	Res. Ohms	Your Cost
W5027	100000	\$1.09	W5030	175000	1.23
W5028	125000		W5031	200000	
W5029	150000		W5032	225000	\$1.38
W5030	175000		W5033	250000	\$1.53
W5031	200000		W5034	300000	1.68
W5032	225000		W5035	400000	1.76
W5033	250000		W5036	500000	2.00
W5034	300000		W5037	750000	2.64
W5035	400000		W5038	1 Meg.	3.09

ELECTRAD Variohms



High wattage resistors for use as bleeders and voltage dividers. Vitreous enamel coated, with tinned Monel metal lugs. Furnished with one metal slider and mounting brackets of unique design which allow for easy adjustment of mounting centers; hold resistor rigidly. All tolerances are 5% plus or minus. 100 and 200 watt units ideal for low power transmitters.

25-Watt (Max.) Size: 5/8" x 2 1/2"

Stock No.	Res. Ohms	Your Cost	Stock No.	Res. Ohms	Your Cost
W7581	10		W7590	2000	
W7582	25		W7591	2500	50c
W7583	50		W7592	4000	
W7584	100		W7593	5000	
W7585	200	50c	W7594	6000	
W7586	500		W7595	7500	56c
W7587	750		W7596	10000	
W7588	1000		W7597	15000	
W7589	1500		W7598	25000	65c

W7599—Extra Sliders—Each .6c

100-Watt (Max.) Size: 1" x 7"

Stock No.	Res. Ohms	Your Cost	Stock No.	Res. Ohms	Your Cost
W7600	1000		W7608	15000	
W7601	2000		W7609	20000	\$1.32
W7602	3000	\$1.18	W7610	25000	
W7603	4000		W7611	35000	
W7604	5000		W7612	40000	\$1.47
W7605	6000		W7613	50000	
W7606	8000	\$1.32	W7614	60000	\$1.62
W7607	10000		W7615	75000	

W7634—Extra Sliders—Each .5c

200-Watt (Max.) Size: 1 1/4" x 10 1/2"

Stock No.	Res. Ohms	Your Cost	Stock No.	Res. Ohms	Your Cost
W7616	500		W7624	20000	
W7617	1000		W7625	25000	
W7618	1500		W7626	35000	
W7619	2000	\$1.76	W7627	50000	\$2.06
W7620	2500		W7628	60000	
W7621	3000		W7629	75000	
W7622	5000		W7630	80000	
W7623	10000		W7631	100000	

W7635—Extra Sliders—Each .9c

C. T. Resistors

Small, compact and covered by a coating of moisture-proof enamel. Accuracy 1%. Sizes: 10, 15, 20, 30, 50, 75, 100 and 200 ohms. Specify resistance desired.

W7322—Your Cost Each **15c**

ELECTRAD Variable Voltage Dividers



13,000 Ohms—50 Watts With 4 sliding taps. W7318—Your Cost **76c**

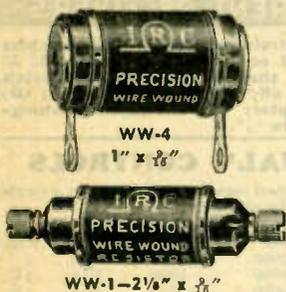
25,000 Ohms—50 Watts With 4 sliding taps. W7319—Your Cost **76c**

25,000 Ohms—75 Watts Special Heavy Duty tapped voltage divider. Has 4 sliding contacts. W7320—Your Cost **\$1.24**

41,000 Ohms—75 Watts Ideal for Public Address and Phonograph amplifiers. Has 6 sliding contacts for all necessary voltages. Shpg. wt. 8 oz. W7321—Your Cost **\$1.32**

I R C Fixed and Variable RESISTORS

Precision Wire Wound Resistors



Precision wound resistors for use as meter multipliers and similar applications. Guaranteed accuracy 1%. WW-1 has ferrules with binding post terminals; resistor WW-4 has tinned solder lug terminals.

Type WW-1

Stock No.	Res. Ohms	Your Cost	Stock No.	Res. Ohms	Your Cost
W5150	1		W5171	20000	
W5151	2		W5149	22500	
W5152	3	68c	W5172	25000	94c
W5153	4		W5173	30000	
W5154	5		W5174	35000	

W5155	6		W5175	40000	
W5156	7		W5205	45000	94c
W5157	8	68c	W5176	50000	
W5158	9		W5177	60000	1.12
W5159	10		W5178	75000	

W5160	25		W5189	80000	1.23
W5161	50		W5179	100000	
W5162	100	68c	W5180	125000	1.41
W5163	150		W5181	150000	1.56
W5164	200		W5182	175000	

W5200	250		W5183	200000	1.56
W5204	400		W5184	225000	1.71
W5165	500	68c	W5185	250000	
W5203	750		W5190	275000	1.85
W5166	1000		W5186	300000	

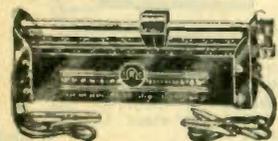
W5143	1500	68c	W5191	350000	1.85
W5144	2000		W5187	400000	
W5167	2500		W5192	450000	2.15
W5145	3000	73c	W5188	500000	
W5168	5000		W5201	600000	2.50

W5146	7000		W5193	750000	2.65
W5147	7000	73c	W5194	1 Meg.	3.09
W5169	10000		W5195	1 1/2 Meg.	4.41
W5170	12500	79c	W5202	1 1/2 Meg.	4.41
W5148	15000				

Type WW-4

Stock No.	Res. Ohms	Your Cost	Stock No.	Res. Ohms	Your Cost
W5125	200		W5134	20000	
W5126	300	50c	W5135	25000	
W5124	500		W5136	30000	79c
W5127	1000	53c	W5137	35000	
W5128	2500		W5138	40000	
W5129	5000		W5139	50000	94c
W5130	7500	59c	W5140	60000	
W5131	10000		W5141	75000	
W5132	12500	65c	W5142	100000	1.09
W5133	15000				

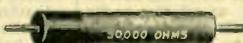
IRC FUSED TYPE Resistor Indicator



Range covers from 100 to 100,000 ohms. Two scales: low scale from 100 to 10,000 ohms, high scale from 10,000 to 100,000 ohms. Windings protected by a Littelfuse. Comes complete with narrow-jaw alligator clip test leads. Size 7x1 1/2 x 2 3/4". Shpg. wt. 2 lbs.

W5296—List \$4.50
Your Cost **\$2.64**

TYPE BT INSULATED AND TYPE F METALLIZED RESISTORS



Type BT



Type F

An all purpose line of high quality metallized resistors for all radio work. Type F is the famous metallized unit, featuring low noise level, molded contact joining resistance element and terminal in a solid casing of metal, non-inductive design, etc. Type BT resistors employ the metallized element sheathed in an overall coating of moisture-proof phenolic compound. Type BT resistors are stocked in all sizes shown; type F resistors are stocked only in the sizes marked with an asterisk.

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

Specify Resistance Desired When Ordering

TYPE BT—INSULATED RESISTORS

1/2-Watt—BT-1/2	1-Watt—BT-1	2-Watt—BT-2
5/8x3/8". All sizes.	1 1/4x1/2". All sizes.	1 1/2x3/4". 450 ohms up.
W5206— 10c	W5207— 12c	W5263— 18c

Kit of 10 type BT-1/2—10 popular 1/2-watt units in a handy container. **\$1.00**

W5264—Your Cost, Kit of 10

Kit of 10 type BT-1—10 popular 1-watt insulated units in a handy container. **\$1.18**

W5265—Your Cost, Kit of 10

TYPE F—METALLIZED RESISTORS

1/2-Watt—F-1/2	1-Watt—F-1	2-Watt—F-2
100 ohms to 5 megs.	1 1/4x1 1/2". All sizes.	100 ohms to 5 megs.
W5250— 10c	W5251— 12c	W5252— 18c

Kit of 20 type F-1—20 popular 1-watt metallized resistors, 500 ohms to 3 megohms. In handy container. **\$2.36**

W5272—Your Cost, Kit of 20

FREE! RESISTO-CHEST

Resisto-Chest has a multitude of uses. Servicemen can get it FREE with every purchase of 56 type BT-1 resistors (two each of the 28 most popular numbers). Chest has seven small and one large drawers. Size: 8 1/2" high, 4 1/2" wide and 5 1/2" deep. Color code chart included. Shpg. wt. 10 lbs.

W5208—Resisto-Chest with 56 selected B-1 (1-watt) resistor. List \$11.20 **\$6.59**

Your Cost, Special **90c**

W5209—Resisto-Chest only. **90c**



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-tapping noiseless contact arm; recessed terminals; extremely hard element; easily attachable line switch, approved by Underwriters. Shafts 2 1/4" long with flat. Bushing 3/8" 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.

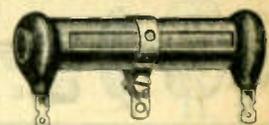
Stock No.	Ohms	Stock No.	Ohms	Stock No.	Ohms
W9100	500A	W9111	1500D	W9122	10000C
W9101	1000A	W9112	1500F	W9123	20000A
W9102	2000A	W9113	2000F	W9124	20000D
W9103	3000A	W9114	2500D	W9125	25000C
W9104	4000A	W9115	2500A	W9126	50000A
W9105	5000A	W9116	2500F	W9127	50000C
W9106	5000C	W9117	5000A	W9128	50000C*
W9107	10000F	W9118	5000C	W9129	1 Meg. C
W9108	10000A	W9119	7500C	W9130	1 Meg. C*
W9109	10000D	W9120	7500D	W9131	2 Meg. C
W9110	10000C	W9121	10000A	W9132	3 Meg. C

*Tapped for tone compensation
Any Volume Control, **59c**
Your Cost
Each

Switch Covers

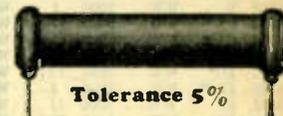
W9133—S.P.S.T. Each 29c
W9134—S.P.D.T. Each 35c
W9135—D.P.S.T. Each 35c

New! 10-Watt Variable Resistors



The smallest variable resistor ever made. Ideal for receivers, amplifiers, etc. Cement coated, with bare section provided with a variable sliding contact. Size 1 1/4 x 3/4". Resistances from 1 to 10,000 ohms (see listing under power resistors shown below). Specify size desired. W5262—Type "PBA" **35c**
Your Cost Each

Power Wire Wound Resistors



Machine wound on non-hygroscopic cores; overall covering of special cement. Molded end contacts. Tolerance 5%

Ohms	Ohms	Ohms	Ohms
1	500*	4000*	15000*
5	750*	4500	20000*
10	1000*	5000*	25000*
25	1250*	6000	30000
50	1500*	7000	35000
75	2000*	7200	40000
100*	2250*	7500*	50000*
150	2500*	10000*	60000
200	3000	12000	75000*
250*	3500	12500	100000*

Machine wound on non-hygroscopic cores; overall covering of special cement. Molded end contacts.

Type "AB" 10-Watt Rating (Max.)
1 1/2" long, 3/4" diam. Range up to 25,000 ohms (see list).
W5210—Your Cost Each **24c**

Type "DG" 20-Watt Rating (Max.)
2" long, 3/4" diam. Range up to 50,000 ohms (see list).

No.	From	To	Each
W5211	1	15,000	38c
W5212	20,000	50,000	44c

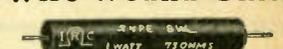
Type "EP" 50-Watt Rating (Max.)
4 1/2" long, 3/4" diam. Range up to 100,000 ohms (see list).

No.	From	To	Each
W5248	5	5,000	65c
W5249	6,000	25,000	73c
W5254	30,000	100,000	85c

Type "HA" 100-Watt Rating (Max.)
6 1/2" long, 1 1/4" diam. Range up to 100,000 ohms. Only in sizes marked with asterisk (see list).

No.	From	To	Each
W5260	100	5,000	\$0.88
W5261	7,500	25,000	1.03
W5234	50,000	ohms	1.18
W5235	75,000	ohms	1.32
W5236	100,000	ohms	1.47

1-Watt Insulated Wire Wound Units



Designed for use where an economical wire wound unit is desired. In low resistance values. Units are completely insulated. Tolerance 10%. 1 1/2 x 3/4". Specify size desired.

Ohms	Ohms	Ohms	Ohms
1	10	30	200
2	15	50	250
3	20	100	
5	25	150	

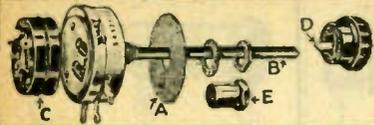
Type BW-1: 1-watt
W5259—Each **12c**

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 8 1/2".

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	IV	W6714	H12	Car.	15000	1
W6661	R	WW	6	IV	W6715	J	Car.	20000	1
W6662	S	WW	10	IV	W6676	J	Car.	25000	11
W6663	T	WW	20	IV	W6677	K	Car.	50000	11
W6664	U	WW	30	IV	W6716	K12	Car.	50000	1
W6665	V	WW	60	IV	W6717	Z	Car.	75000	11
W6666	W	WW	100	IV	W6718	Z12	Car.	75000	1
W6667	X	WW	200	IV	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	E17	WW	5000	V11	W6723	UC-504	C.	3 Meg.	1
W6708	E2	Car.	5000	1	W6724	UC-505	C.	4 Meg.	1
W6673	F*	WW	7500	11	W6725	UC-506	C.	5 Meg.	11
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	G17	WW	10000	V11	W6729	UC-510	C.	100000	11
W6712	G2	Car.	10000	1	W6730	UC-511†	C.	250000	1
W6675	H*	WW	15000	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 '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	A500P	WW	500	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	Y5MP	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 Name and Model of Set
W6542	TRP600	6000	2500	Wells Gardner 60, 63
W6543	TRP601	30000	6000	RCA-Victor RA884, 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
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.
W6578	TRP607	500000	C.T.	RCA-Victor R37, R37P, R38, R38P, 120, 121, 122, 124, 223
W6579	TRP608	1 Meg.	200000	RCA-Victor R71-B. Philco 620, 630
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 "C" bias.

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	Res. in Ohms Rear	Taper Front	Taper 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
W6689	LL	Car.	100000	100000	1	1
W6690	LM	Car.	100000	250000	1	1
W6691	MM	Car.	250000	250000	1	1
W6692	NN	Car.	250000	500000	1	1
W6693	NN	Car.	500000	500000	1	1

WW—Wire Wound element. Car.—Carbon element. Your Cost Each, Any Size **\$1.47**

SPECIAL 'DUAL' CONTROLS

Stock No.	Mfrs. No.	Type	Res. in Ohms Front	Res. in Ohms 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
W6619	DRP-221	Car.	10000	100000	Zenith 50, 60, 70 series
W6756	DRP-222	Car.	75000	32000	Majestic 100, 180
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, K86, K93, K96, K103
W6759	DRP-240	Car.	250000	10000	Earl & Freed Nr 55, NR56 AC, 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
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

WW—Wire Wound element. Car.—Carbon element. Your Cost Each, Any Type **\$1.47**

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**

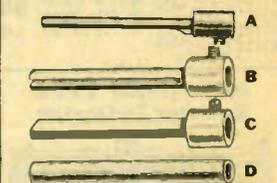
VOLUME CONTROL ACCESSORIES

YAXLEY VOLUME CONTROL SWITCHES

Stock No.	Part No.	Type	Your Cost
W6288*	6	S.P.S.T.	29¢
W6564	9	S.P.S.T.	35¢
W12853	8	S.P.D.T.	35¢
W6289	7	D.P.S.T.	35¢

*Special shallow type, for use where space is limited.

EXTENSION SHAFTS



Type A—Length 4", W6561—1/4" diam., 1/4" flat. W6562—1/4" diam., 3/8" flat. W6563—1/4" diam., 1/2" flat. Any Size. Your Cost Each **18¢**

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 3/4" to 2 3/8". Your Cost Each, Either Type **12¢**

Type B—2" long, 1/4" diameter with 3/32" slot. Enclosed in tight fitting tube (D). W6559—Your Cost **21¢**

Type C—2" long, 1/4" wide, 1/4" thick. Tongue shaped and fitted with tube (D). For use in auto receivers. W6560—Your Cost **21¢**

YAXLEY VOLUME CONTROLS

APPROVED RADIO PRODUCTS

Manufacturer and Models	Stock No.	Your Cost
ATWATER KENT		
37, 38, 40, 40F, 41DC, 42, 42F, 43, 44, 45, 46, 47, 52, 53, 56, 57 (Strip Only).....	W6656	\$0.29
55, 56C, 55F, 60, 60C, 61, 61C, 66 (Strip Only).....	W6657	.29
55, 56C, 55F, 60, 60C, 66 (Late Dual Control).....	W6658	1.47
67, 67C, 228Q.....	W6678	.59
70, 72, 74, 75, 76 (Chassis D1, D2, F, L1, L2, P Requires W6297 Mtg. Bracket).....	W6684	1.47
72 (H1, H2 Chassis).....	W6687	1.47
80, 80F, 83, 83F, 90, 90F.....	W6672	.59
82, 82F, 86, 86F.....	W6733	.59
82Q, (1st), 84, 84D, 84F (Early), 84Q, 89, 89F, 89P.....	W6680	.59
84, 84F (Late).....	W6754	.88
87, 94, 94F.....	W6754	.88
87D.....	W6684	1.47
92, 92F, 96, 96F, 99, 99F, 99P, 145, 155, 165, 185, 185A, 188, 188F, 165Q.....	W6680	.59
206, 217, 228, 275, 310, 315, 318, 325, 376.....	W6680	.59
246, 260, 260F, 266, 387, 424, 427, 427D, 448, 469.....	W6680	.59
510, 525, 534, 555, 568, 559.....	W6577	.88
612, 627, 636, 667, 708, 711, 756, 788, 808, 812, 825.....	W6680	.59
854, 944.....	W6715	.59
469, 469F (1st), 480 (Tone-beam).....	W6764	.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
511, 810.....	W6577	.88
BELMONT RADIO		
401, 444.....	W6720	.59
541, 544, 545, 755.....	W6580	.88
580, 585 A, B, C, 670A.....	W6680	.59
578, 777 A, B.....	W6681	.59
BOSCH		
28, 29.....	W6641	.88
48, 49 (Type 1).....	W6658	1.47
48, 49 (Type 2).....	W6686	1.47
58, 62DC.....	W6671	.59
CROSLEY RADIO CORP.		
DeLuxe Fiver.....	W6680	.59
5M3, 124, 125, 133, 135, 141, 147, 148, 155.....	W6707	.59
56-5H1, 50B-5H1, 61-6H2, 61-LB, 6H2.....	W6723	.59
95 (Roamio), 96 (Auto).....	W6723	.59
61S, 60, 75.....	W6662	.59
99 (Tone), 127-1 (Tone), 129, 129-1 (Tone), 132-1 (Tone).....	W6718	.59
120.....	W6711	.59
129.....	W6709	.59
159, 163, 166, 167, 172, 169 (Revised), 174, 176.....	W6707	.59
136-1, 146, 157, 158, 160, 164, 168, 170, 171, 179, 180, 181, 182, 1014 (ALL Tone Controls).....	W6718	.59
146-1, 150 (Tone), 157, 158, 160, 164, 168, 175, 179, 180.....	W6723	.59
173, 173-5.....	W6680	.59
41, 41A, 42, 608AC, 609, 704, 704A, 704B, 705, 706.....	W6693	.88
129-1, 131, 137, 169, 154.....	W6768	.88
121A, 123, 126, 126-1.....	W6769	.88
132-1, 136-1.....	W6757	1.47
27, 58, 53, 54, 55, 56, 57, 58, 59AC, 77-1.....	W6585	.88
5V2, 8B3, 6H3, 614, 534, 635, 714, 715, 725, 855.....	W6681	.59
431.....	W6748	.59
EMERSON RADIO		
32, 38, 42, 49, 103 (F5), 106, 107, 111, 108, 110.....	W6680	.59
19 (UV4).....	W6715	.59
34C, 101, C6, D6.....	W6679	.59
36 (B5).....	W6708	.59
39, 59 (D-55).....	W6750	1.47
40, 71, 77, 375, 375LW, 770.....	W6681	.59
FADA RADIO & ELECTRIC CORP.		
10, 10Z, 11, 11Z, 16, 16Z, 30, 30Z, 32, 32Z (Early), 50, 50Z, 70, 70Z, 71, 72.....	W6770	.88
15M, 15MZ, 116, 16Z (Late).....	W6771	.88
17, 18, 32, 32Z (Late) 20, 20Z, 25, 25Z, 75, 77.....	W6771	.88
45 (KU).....	W6673	.59
48, 49 (KW).....	W6680	.59
41, 42, 44, 46, 47.....	W6681	.59
73, 75 (RE), 74, 76 (RA).....	W6681	.59
761, 762, 764, 766, 767.....	W6752	1.47

PRICES DO NOT INCLUDE SWITCH
Switches listed on page 112

Manufacturer and Models	Stock No.	Your Cost
GENERAL HOUSEHOLD UTILITIES		
470 (4C).....	W6709	\$0.59
501, 520, 530, 550 (5B).....	W6680	.59
1151, 1152 (11A, 11B) Tone.....	W6680	.59
570, 571 (5D), 821 (8B), 1151, 1152 (11A, 11B).....	W6681	.59
GRIGSBY-GRUNOW (MAJESTIC)		
55, 59, 66, 75, 77, 85, 86 (800), 95 (520), 105 (520), 195 (500), 211, 214, 215, (210).....	W6679	.59
90, 91, 92, 93 (90, 90B).....	W6717	.59
90, 91, 92, 93 Equalizer.....	W6697	.88
71, 72 (70, 70B).....	W6712	.59
151, 153, 154, 155, 156 (15, 15B, 150).....	W6713	.59
211, 214, 215 (210), 221, 223, (220) 303, 304, 307 (300, 300A), 311, 314, 315.....	W6679	.59
61, 62 (60).....	W6696	.88
121, 123 (120, 120B).....	W6685	1.47
201, 203, 204 (200).....	W6680	.59
251, 253, 254 (25).....	W6673	.59
251B, 259B, 254B (25-B), 320, 330, 340, 360, 390, 460, 490, 500, 570, 600, 998.....	W6679	.59
381 (Treasure Chest).....	W6716	.59
411, 411A, 413, 413A.....	W6715	.59
40, 49, 194 (Ch. 440).....	W6709	.59
NOBLITT-SPARKS (ARVIN)		
7, 17, 27, 37.....	W6731	.59
51, 61, 62, 61M, 62M, 81M.....	W6680	.59
61M, 62M Tone.....	W6678	.59
41.....	W6712	.59
PHILCO		
10.....	W6545	.88
10 (122), 14, 18, 28, 29, 45, 45C, 46, 91 (226), 118, 144, 503, 507.....	W6547	.88
16, 17, 19 (128).....	W6546	.88
16 (121), 17 (Run 4).....	W6583	.88
19, 30, 44, 60, 66, 89, 95, 96, 96A, 504, 505, 610, 700, 800, 1200 (Series), 1289AC.....	W6680	.59
20, 20A, 41DC, 42DC, 70, 70A, 77, 77A, 220, 220A, 270, 270A, 470, 470A.....	W6683	1.47
70, 70A (2nd type), 71.....	W6681	.59
35, 35B, 37.....	W6684	1.47
38, 53, 57, 59, 80, 81, 84.....	W6715	.59
50, 50A, 65.....	W6735	.59
51, 51A, 52.....	W6706	.59
90, 90A (1-47).....	W6680	.59
90, 90A (2-45's).....	W6683	1.47
90, 90A (2-47's).....	W6681	.59
91 (121, 122).....	W6681	.59
111, 111A, 112, 112A (2-45's), 211, 211A, 212, 212A.....	W6680	.59
296, 296A, 490.....	W6680	.59
39, 39A, 97.....	W6679	.59
116B (121), 116X (122), 643, 650, 660, 665.....	W6586	.88
610, 611, 623.....	W6680	.59
RCA VICTOR CO.		
R4, R6R, R7AC, R7DC, R7LW, R7A, R9AC, R9-DC, RE16A, R22.....	W6621	.88
R8AC, R10AC, R11AC, R12-AC, RE19AC, R20, R21, R023.....	W6636	.88
R14, R15, RE17, 42, 48.....	W6694	1.47
17M, 18W.....	W6745	.59
Radiola 17.....	W6630	.88
60, 62.....	W6623	.88
66.....	W6624	.88
64, 67, 9-18, 9-54.....	W6626	.88
44, 46AC, 47.....	W6627	.88
18, 18DC, 33AC, 41AC, 41DC.....	W6629	.88
M34.....	W6798	.88
C11-1, D11-2 (treble), T10-1, T10-3 Tone.....	W6680	.59

Manufacturer and Models	Stock No.	Your Cost
RCA VICTOR CO. (Cont.)		
RE20, 21, 22, R43, R50, R65, RAE59, RAE79.....	W6716	\$0.59
R27, 102.....	W6728	.59
R28, R28P, R28-BW, R28-BWC.....	W6736	.59
M32, A-73A, R75 (2A5).....	W6682	.59
R32, RE45, RE5, RE75.....	W6698	1.47
R35, RE39, RE57.....	W6773	1.47
R37, R37P, R38, R38P, 120, 124, 223, 330, 331.....	W6578	.88
RE40, RE40-P.....	W6736	.59
R70.....	W6673	.59
R71, R72.....	W6747	.59
74, 76, 77, RE81, 300.....	W6677	.59
R75 (47 Output), RE80.....	W6739	.59
R78, RAE84.....	W6543	.88
80.....	W6737	.59
82, 86.....	W6737	.59
100, 101, 301, 310.....	W6672	.59
110, 111, 115, 210.....	W6671	.59
118, 121, 122, 127, 128, 140, 141, 141E, 143, 211, 221, 224, 240, 262 (requires ex. Shaft No. YF6562).....	W6545	.88
320, 321, 322, 327, 340, 340E, 341.....	W6580	.88
R7, R9, RE20, R50, R55, RAE59, R70, RAE79 (Tone).....	W6680	.59
R11, R12, RE16A, RE18, RE18A (Tone).....	W6745	.59
BC6-3, BC6-4, BC6-10, BC7-8, BC7-9, 236B.....	W6679	.59
T4-8, T4-9, 103.....	W6672	.59
MP101, M104, M108, M109.....	W6679	.59
SPARTON		
69, 79, 89, 89A, 99, 101, 109, 110, 301DC, 589, 591, 593, 931.....	W6699	.88
103, 111A, 235, 564, 570, 574, 578, 600, 610, 620, 737, 740, 750, 870.....	W6774	.88
410, 420AC, 410, 420DC.....	W6700	1.47
616, 616X, 666, 666X.....	W6681	.59
655, 716, 716X, 766, 766X, 766XP, 766XS.....	W6679	.59
STEWART WARNER		
R100A, B, F, 950 Series.....	W6701	.88
R101A, B.....	W6707	.59
R102A, B, E.....	W6711	.59
R104A, B, E.....	W6680	.59
R-125, R127, R128-D, R130, R131.....	W6680	.59
R123 (1231-1239).....	W6709	.59
STROMBERG CARLSON		
12, 14, 27A.....	W6648	.88
22, 22A.....	W6650	.88
10, 11, 16DC, 17DC, 25, 26, 638 (Rear Control).....	W6796	.88
641, 642, 652, 654, 846, 848, (Rear Control).....	W6651	.88
641, 642, 652, 654 (Front).....	W6653	.88
635, 636 (Rear Control).....	W6652	.88
635, 636, 638 (Front).....	W6654	.88
846, 848 (Front Control).....	W6655	.88
29 (Vol. and Tone).....	W6680	.59
37.....	W6749	1.47
38, 39, 40, 41.....	W6749	1.47
37, 38, 39, 40, 41 (Tone).....	W6722	.59
47, 48, 50, 51.....	W6541	1.47
60, 64.....	W6682	.59
68.....	W6674	.59
64, 68 (Tone).....	W6679	.59
58, 58LB, 58T, 58TB, 58W, 58WB.....	W6681	.59
62, 62B, 63, 63B.....	W6682	.59
74, 74B, 74D Tone.....	W6682	.59
ZENITH		
50, 60, 70 Series (Dual).....	W6619	1.47
50, 60, 70 Series (Single).....	W6584	.88
91, 92 (Type 1).....	W6737	.59
230, 240, 245.....	W6680	.59
410, 411, 420, 430, 440.....	W6577	.88
460, 462, 474, 475, 476B, 500, 501, 503, 514, 515, 516, 600, 604, 606, 610, 616, 618.....	W6680	.59
701, 702, 715, 755, 756, 760, 765, 767, 770B, 775B.....	W6680	.59
10, 11, 12, 15, 16, 52, 53, 54, 60, 61, 62, 64, 67, 41, 42, 80, 102, 112, 122, 422, 563DC.....	W6584	.88
811, 862, 865, 866, S-829, 870, S-870, S-871, 908, 909, 960, 961, S-908, S-909, S-961, 945, 950, 1117, 1162, 1167, 1170, 4V31, 4V59, 6V27, 6V62.....	W6679	.59
220, 250, 260, 272.....	W6674	.59
4P26, 4T26, 4P51, 4T51.....	W6671	.59

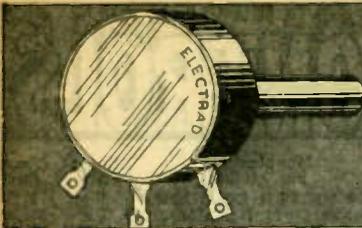
NOTE

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.

A new and up-to-date volume control manual, the most comprehensive yet published, is offered FREE of charge by the P. R. Mallory Company, manufacturers of Yaxley controls.

Write today to the P. R. Mallory Co. at Indianapolis, Indiana, for your copy.





ELECTRAD

Manufacturer and Models	Stock No.	Your Cost
All American Mohawk		
S-6, S-7, S-8	W7924	\$0.59
11-D, 19-D, 19-H, 29-D, 29-H, 3-D	W8075	1.47
39, 40, 41, 711, 722	W7921	.59
S-40, U-55, S-63, S-30	W7902	.59
SW-8, S-10, SA-65, SW-80, SA-90, SA-91, SA-110, SA-130, Lyric K	W7904	.59
70, 73, 75	W8146	.88
Amrad		
AC-6, AC-6C, 84, 84-C, 84-D	W7904	.59
AC-7, AC-7C, 70, 7100, Concerto, Nocturne, Opera Sonata	W7902	.59
B-1, Bel-Canto, Aria, Duet, Minuet, Serenata, Symphony	W7906	.59
Atwater-Kent		
37, 38, 40, 40-F, 41, 42, 42-F, 43, 44, 46, 47, 51, 52, 53 (strip only)	W7992	.29
33, 424, 534, 816, 936	W7904	.59
84 Early, 84-D Early, 84-F Early, 84-Q, 85 Early	W7926	1.18
145, 206, 325	W7950	1.18
99-P, 155 (all types), 228-D, 228-F, 236, 266, 448, 460 (all types), 467, 555 (both types), 588, 666, 926	W8148	.88
165-Q, 387, 427-Q	W7954	1.18
246, 276, 310, 310-J, 310-T, 425, 427, 427-D, 510, 666, 667, 667-D, 708, 711-J, 711-R, 711-T	W8029	1.18
788, 808, 808-A	W8029	1.18
55 Early, 55-C Early, 55-F Early, 56 Early, 57 Early, 60, 60-C, 61, 61-C, 66 (strip only)	W7993	.29
67 Batt., 67-C, 85-Q all types	W8069	.88
55-C Late, 55-F Late, 55-FC Late, 56 Late, 57 Late	W8076	1.47
80, 80-F, 83, 83-F, 90, 90-F	W8023	1.18
82, 82-F, 85, 85-F	W8026	1.18
H-1, H-2	W8149	1.47
D, F, L, L2, P	W8092	1.47
Belmont		
40 Series, 40A, 40AC Series, Series 50, 50A, Series 70, 425, 430	W7903	.59
47, 48, 50B, Series 60	W7912	.59
Series 70A, 71C	W7907	.59
525 AC-DC	W7904	.59
Bosch		
4, 7, 7A, 7-C, 20, 20-L, 31, 32, 236, 237	W8039	1.18
10, 46-AC, 58, 60, 62-DC, 63, 96, 96-DC, 107, 116, 126, 136, 146, 166, 176, 242-E, 243, 250, 312, 313	W7904	.59
58, 62-AC, 62-DC	W8037	.88
28, 29	W7995	.88
48-AC, 49, 54-DC	W8052	1.47
Bremer Tully		
6, 8-AC, 8-16, 8-17, 8-12, 813	W7904	.59
6-40, 6-41, 640, 641	W7922	.59
7-70, 7-71, 8-20, 8-21, 8-22	W7902	.59
36, 85	W8152	.88
S-81, S-82	W8153	.88
Brunswick		
4-A, 4-PA, D-11, D-12, above Serial No. 25000, 17, D-18, D-33, above Serial No. 25000, 24, 25, D	W7904	.59
B-17, PR-17-8	W7936	.88
21, 31	W8080	1.18
81, 821	W7903	.59
DC-21, DC-31	W8154	.88
S-21, S-31, S-81, S-82, 90	W7997	1.18
Colonial		
25, 61, 600, 600-A, 601, 602, 603, 604, 650, 651, 652, 655, 656, 657, 658	W7904	.59
44, 50, 76, T-345, C-349, T-397, C-399, C-495	W7902	.59
32-AC, 32-DC	W7978	1.47
36 Hum Control	W8155	.88
46, 52	W8091	.59
47, 48, 62, 73	W7912	.59
250-AC-DC, AC-SW250, AC-DC300, AC-SW300, 501, 501-AC, AC-700, AC-701, AC-702	W8148	.88
Crosley		
22, 23	W8083	.59

Manufacturer and Models	Stock No.	Your Cost
Crosley [Cont.]		
27, 30, 30-S, 31-S, 32, 33-S, 34-S, 40-S Late, 41-S Late, 42-S Late, 45-S Late, 82-S, 315	W7966	\$0.88
40-S Early, 41-S Early, 42-S Early, 45-S Early 71-A	W7967	.88
41A, 42 Early, 61, 602, 608 Female Shaft, 609 Female Shaft, 610 Gem Box Female Shaft, 704, 705, 706	W7968	.88
53, 54, 55-DC, 56-DC, 57, 58	W7956	.88
60-S, 61-S, 62-S, 63-S, 65-S	W8158	.59
162-1	W7907	.59
77, 77-A, 77-B, 77-L, 84, 84-O, 840	W7908	.59
95-Auto, 96 Auto	W8159	1.18
98, 99 Auto	W8160	.88
134, 134-1, 146, 146-1, 150, 157, 158, 160, 168-D, 170, 171	W7850	.88
172, 174, 176	W7852	.88
Johnny Smoker	W7909	.59
169	W7854	.88
706 Early, Long Shaft, Auto Roamio, B Series	W7928	.88
5V1, DeLux Fiver	W7904	.59
7H2, 7H3	W8088	.88
8B3	W8089	.88
Detrola		
4-D, Hamilton, Renfrew, Windsor, York	W7856	1.18
Roadmaster	W7904	.59
De Wald		
40, 51, AC-145, AC-171-2, AC-245, DC-273, AC-524, DC-632, DC727, BAC, BAG, BAH, Dynette	W7912	.59
53, 533A, DC-637-8, KAD, KAF, KRE	W7902	.59
DC-532-3, 534-5, AC-535-6, 538, AC-547, AC-547-A, AC-646-7, 735, AC-746-M	W7911	.59
724	W8091	.59
732 D.C., 845	W8083	.59
AC734-5	W7903	.59
Edison Radio		
C-1, M-6 Front Unit, E-175, SC	W7964	.88
R-1, C-2, R-2 Rear Unit, R-3, SRC-3 Rear Unit, M-5, M-6 Rear Unit	W7857	.88
C-2 Front Unit, R-2 Front Unit, SRC-3 Front Unit, M-5 Front Unit	W7999	.88
R-4, R-5, Abbey Jr.	W7858	.88
Emerson		
H-5, 26-AW, 26-LW, 30, 30-AW, 30-LW, 33, 33-AW, 33-LW, 250, 250-AW, 250-LW, 300, 321, 321-AW, 321-LW, 350, 350-AW, 350-LW, 409, 410, 411, 415, 416, 420, Mickey Mouse	W7860	1.18
DC-4, L-DC-4, AW-55, KS, L-AC-A	W7854	.88
L-AC-4, L-AC-5, JS, T, TS	W7888	1.18
50-L, 50-M, S-50, L-755, M-755, S-755	W7852	.88
Erla		
R-2, R-3, 61, 62, 63, 250	W7902	.59
81, 82 Volume	W7903	.59
37, 38, 39, 230	W7908	.59
30 Tone, 81-P Tone, 82-P Tone, 248-K Tone	W7914	.59
78, 79, RC	W8160	.88
106, 107, RN	W7861	.88
Eveready		
1, 2, 3	W7995	.88
Series 30, 40	W7923	.59
31	W7903	.59
Series 50 Early	W7990	1.47
Series 50 Late	W7955	1.47
Fada		
7-AC, 10, 10-Z, 11, 11-Z, 30, 30-Z, 31, 31-Z, 45-72, 50, 70, 71, 72, 475-UA, 475-CA	W7953	.88
15-M, 15-MZ, 20, 20-Z, 25, 25-Z, 75, 77	W7927	.88
16, 16-Z, 17, 18-DC, 32, 32-Z	W7958	.88
41, 42, 44, 46, 47	W7907	.59

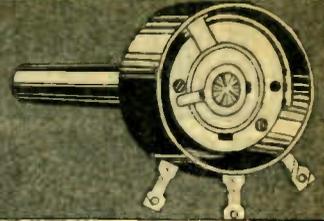
NOTE

All volume controls listed above are furnished complete with a c. switch wherever original manufacturer's control calls for one. Any control not listed can be supplied immediately on order.

Manufacturer and Models	Stock No.	Your Cost
Fada [Cont.]		
45, 45-KU, 51, 53, 57, KX-61, 66, 66-KX, 171, 173, 173-KOC	W7924	\$0.59
48-KW, 49-KW	W8083	.59
55, 58, KC, KO, RG	W7854	.88
73, 74, 76, 79, 83, 85, 88, 89, RA, RC, RE	W7861	.88
Freed Eisemann		
NR-57, NR-60, NR-70	W7902	.59
NR-78, NR-79	W7908	.59
NR-80 AC & DC, NR-85 AC & DC (strip)	W8098	.29
General Electric		
GET-12	W7902	.59
T-12	W7933	.88
S-22, S-22-X, H-31, H-51 Volume, H-71 Volume	W7943	.88
S-42	W7944	.88
M-51, M-56	W7869	1.18
K-62, J-80, K-82, J-85, S-132	W7934	.88
J-82	W8073	.88
H-91, H-91-R	W7913	.59
General Motors		
120, 130, 140, 150, 160	W8021	1.47
S-1A, S-1B, 216, 217, 219, 250 Volume Control for S-2A, S-2B, S-3A, S-3B, 252, 253, 254, 255, 256, 257, 258	W8058	1.18
Graybar		
8	W7944	.88
311	W7937	.88
600	W7942	.88
700, 770, 900	W7943	.88
Tone Control for 770, 900	W7906	.59
Grunow Radio [Gen. Household]		
Chassis 8-A, 500, 801	W7847	1.18
Chassis 11-A, 1151, 1152	W7861	.88
Chassis 6-G, 501, 580	W7846	.88
Chassis 6-C, 660, 661, 662	W8232	1.18
7-B, 7-D, 750, 751, 752, 753	W8233	1.18
Chassis 9-A, 901, 902	W7838	.88
450 (4-A)	W8234	1.18
11-A Chassis Tone	W7908	.59
Kolster-Columbia		
K-20, 21, 22, 23, 24, 25, 27, 28, 30, 32, 37, K-42	W7902	.59
K-70, 72, 80, 82, 90, 92	W7902	.59
K-110, 112, 120, 122, 130, 132	W8074	1.18
K-43, K-44	W8108	1.47
K-45	W7921	.59
Majestic		
70 and 70B	W8015	.59
90, 90-B, 91, 92	W8016	.88
20, 21, 22, 23	W7971	1.18
25-B	W8047	1.18
15, 15-B, 150	W8003	.88
60, 61, 62	W8004	.88
130, 130-A, 131, 132	W8006	1.18
25 Chassis	W8018	1.76
30 Chassis	W8051	1.47
100 Chassis	W8020	1.47
50, 51, 52	W8111	.88
15 Chassis: Tone Control	W7913	.59
180, 181: Phono Control	W8000	.88
110 Auto	W8001	.88
116, 116A Auto	W8001	.88
Montgomery-Ward [Airline]		
13, 15, 16, 16X, 17 (1933), 18, 18X, 20W, 26P, 26PX, 49, 62-055, 62-70, 62-232, 62-520	W7912	.59
11-12 (Early), WG24, 60-020 (1st), 62-29 (1st)	W8091	.59
11-12 (Late), 62-11 (2nd), 62-14 (2nd), 62-19 (2nd), 62-21, 62-22, 62-27 (2nd), 62-29 (2nd), 62-30, 62-138, 1932 Auto	W7904	.59
1522, 1562, 1611, 1711, 1922, 3035, 3037, 3063, 3065, 3067, 11000 (Challenger)	W7912	.59
62-20, 62-20X, 62-25, 62-26, 2822 Balboa, 2827, 2895 De Soto, 2897, 1000 Screamer	W7916	.59
62-11 (1st), 62-12 (1st), 62-14 (1st), 62-19 (1st), 62-27 (1st), Grenadier	W7911	.59
62-38, 62-40, 62-040 (2nd), 62-PC-64, 62-50, 62-91, 62-93, 1238 Recital, 1355 Minstrel, 1955	W7907	.59
Commodore (1st and 2nd), Sovereign (1st and 2nd)	W7910	.59
Motorola		
5 Motorola, 5T71, 6T12	W7903	.59
S6, 44, 77	W8235	1.18
S10	W8236	1.18
Philco		
5, 82, 86, 87, 511, 521, 531	W7962	.88



Volume Controls



Manufacturer and Models	Stock No.	Your Cost
Philco (Cont.)		
541, 551, 561, 571, 581	W7962	\$0.88
96, 96A, 30, 111, 111A, 112, 112A, 112E, 211, 211A, 212, 212A, 212E	W8070	.88
71H, 71L, 71B	W7969	.88
70, 70A, 90, 90A	W8049	1.47
70, 70A: Serial Numbers above B-22000	W7970	.88
76, 73	W7842	.88
95	W8071	.88
20, 20A, 21, 220	W7980	1.47
51, 51A, 52	W8205	.88
16, 17 Early	W8201	1.18
17 Late	W8202	1.18
118	W8203	1.18
124	W8204	.88
24	W8205	.88
25	W8206	1.18
26	W8207	1.18
610	W8208	1.18
611	W8209	1.18
620	W8210	1.18

Manufacturer and Models	Stock No.	Your Cost
RCA-Victor		
Radiola 16	W7935	.88
Radiola 17, 50, 41, 7-25, 7-54	W7936	.88
Radiola 18, 33, 51, 7-11, 7-26	W7937	.88
Radiola 44, 46, 47	W7938	.88
Radiola 60, 62	W7939	.88
Radiola 66	W7942	.88
Radiola 82, 86	W7943	.88
Superette R-7, 7A, 70C	W7944	.88
R-8, R-10, R-11, RE-18, R-21, RAE-26	W7934	.88
42, 48, 92	W8054	2.06
35, 39	W7943	.88
R-32, RE-45, R-52, RE-75	W7979	1.47
100, 101	W8211	1.18
110, 111, 115	W8212	1.18
118, 201	W7869	1.18
120, 331	W8138	.88
121, 122, 221	W8213	.88
140, 141, 141E, 240	W8214	.88
210, 310	W8215	1.18
220, 222	W8216	.88
260, 261, 280	W8140	1.18

Manufacturer and Models	Stock No.	Your Cost
Sears-Roebuck (Silvertone)		
49-50, 56, 100, 108 (Early), 7048W7912	W7912	.59
53, 54, 95, 99, 111	W8225	.59
109 (Early), 501, 502, 1326, 1386, 1390, 1400, 1402, 1404, 1406, 1408, 1450, 1531, (add 150 ohm grid resistor), 1630, 1660, 1724, 1800, 7056, 7060, 7106, 7108, 7111-X, 7112, 7114, 7121, 7168, K	W7902	.59
264, 1452, 1560, 1562, 1590A, 1625, 1715, 1726, 1731, 1733, 1760 (Types 1 and 2), 1801, (Types 1 and 2), 1801, 1801A, 1802, 1802A, 1803, 1803A, 1805A, 1806, 1807, 1808, 1808A, 1809, 1811, 1823, 1826A, 1827, 1828, 1829, 1833, 1835, 1841	W7904	.59
1842, 1845, 1854, 1855, 1858	W7904	.59

Manufacturer and Models	Stock No.	Your Cost
Sears-Roebuck (Cont.)		
1859, 1859X, 1860, 1860X, 1863, 1865, 1869X, 1871, 1900, 1903, 1903X, 1907, 1909, 1910, 1912	W7904	\$0.59
1924, 1925, 1927X, 1930, 1934, 1935, 1937X, 1939, 1940, 1942, 1944, 1949, 1953, 1953X, 1954X, 1956, 1956X, 1957, 1970, 1970A	W7904	.59
1972, 1985, 1992X, 1993X, 1994, 1995, 7116, 7118, 7124, 7127, 7133, 7136, 7137, 7138, 7139, 7140, 7141, 7142, 7143, 7144	W7504	.59
7145, 7146, 7148, 7150, 7154, 7155, 7156, 7157, 7158, 7163, 7167, 7172	W7904	.59
1650, 7043, 7044, 7045, 7047, 7053, 7066, 1652, 1654, 1670, 1822, 1824, 1830, 1831	W7907	.59
7090A, 1850, 1850A, 1851, 1852, 1853, 1862, 1868, 1868A, 1870, 1922, 1982, 1982, 1992, 7110, 7126, 7130, 7135, 7152, 7165, 7165X, 7166, 7166X, 7173, 7176, 7183	W8128	.59
FF, J	W8227	.59
1936A	W8224	.59
1936A	W7920	.59
Silver Marshall		
R5, R7, 683, 716, 773, G, J	W7919	.59
80, 30B, 714, 770	W8091	.59
34A, 35A, 36A, 724AC	W7910	.59
37, 38, 39, 60B, 75B, 90B, 712, 722AC, 782, B	W7924	.59

FREE! NEW 1937 VOLUME CONTROL GUIDE AND "CONTACT" MAGAZINE



All accredited dealers and servicemen are eligible to receive, FREE of charge, the following:



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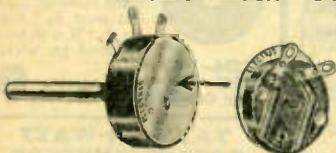
Manufacturer and Models	Stock No.	Your Cost
Stewart-Warner		
950DC, 970, R-11C, DC	W8022	1.47
950AC, R-100A, R-100B, R-100E	W7925	.88
R-111	W8122	1.18
300, 305, 310, 315, 320, 325, 340, 345, 350	W7916	.59
355, 360, 385, 390	W7905	.59
R-101A, 101B	W7912	.59

Manufacturer and Models	Stock No.	Your Cost
Stromberg-Carlson		
635, 636, Short Shaft	W7901	.88
635, 636, 638, Double Shaft	W7961	.88
846, 848, Double Shaft	W7965	.88
846, 848, Long Shaft	W7900	.88
641, 642, 652, 654: Long Shaft	W7900	.88
641, 642, 652, 654: Double Shaft	W7960	.88
10, 11, 25, 26	W8030	.88
19, 20, 21	W8031	.88
12, 14	W8032	.88
22, 24	W8033	.88
48, 49, 50, 51, 52, 54	W8063	1.47

Manufacturer and Models	Stock No.	Your Cost
U. S. Radio and Television		
8 Series, 10 Series	W7907	.59
Gloriatone 26P	W8126	.88
Gloriatone, Late 27	W8127	1.18

Manufacturer and Models	Stock No.	Your Cost
Zenith Radio		
14, 15, 16, 39, 39, 34, 35, 35A, 342, 352, 352A, 362, 333, 353, 34P, 342P, 40A, 41, 42, 422, 35P, 35APX, 352PX, 352-APX, 37A	W7841	1.76
52, 53, 54, 60, 61, 62, 64, 67	W7945	1.18
602, 613, 622, 642, 672	W7945	1.18
70, 71, 72, 73, 77, Hyper Merton, 772, 722, 732, 60 late	W7976	1.76
91, 92 Early	W8237	1.18
91, 92 Late	W8238	1.18
230, 240, 245, 474, 475, 712 Single, 760, 755, 756, 760, 765, 767, 2054, 2059	W8148	.88
701, 705, 706, 707, 711	W8140	.88
5513, 5513-A Chassis, 5-S-29, 5-S-56	W8239	1.18
4-V-31, 4-V-59	W8240	1.18
4-V-31 Tone, 4-V-59 Tone	W8241	.88
1202, 1601-C Chassis	W8242	1.18
5513 Tone, 5513-A Tone	W8243	.88

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 switching can easily be added. Letters following resistance indicate taper: **U**—uniform; **A**—antenna shunt or "C"; **bias**; **C**—"C" bias; **F**—audio plate control; **GT**—audio grid or tone control; **S**—antenna or audio shunt; **M**—special taper for metal tube circuits, for bias. Letter **W** following type number indicates wire wound element.

Stock No.	Mfrs. No.	Res. Ohms	Tapped At	Your Cost
WG7846	894	500,000	100,000	88¢
WG7838	895	1,000,000	200,000	
WG8223	898	2,000,000	1,000,000	

Stock No.	Mfrs. No.	Resistance 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	

Manufacturer and Models	Stock No.	Your Cost	
Attachable Volume Control Switches			
WG8095—S.P.S.T. (101)	29c	WG7839—S.P.D.T. (102)	35c
WG8094—S.P.S.T. *(104)	35c	WG7840—D.P.S.T. (103)	35c
*—Special for auto radios.		WG7837—T.P.S.T. (105)	35c

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	573	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			

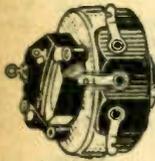
*—Rheostat Type
Your Cost Each,
Any of The Above Controls

59¢

We Will Not Knowingly Be Undersold

STANDARD TYPE VOLUME CONTROLS

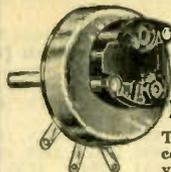
CLAROSTAT AD-A-SWITCH WIRE WOUND VOLUME CONTROLS



Standard controls to which switch cover may be easily added by prying off the metal dust cover. Bakelite shells. Diameter 1 1/4", mounts in 1/2" hole. Shaft insulated, and extends in 1 1/2". Letters following resistance value indicate taper as follows: L—Untuned Ant.; N—Ant. or R. F. Coil; U—Combined Ant. and "C" Bias; V—"C" Bias; W—Screen Grid. Units with no letters following resistance are standard controls with uniform taper, for voltage divider and tone control circuits.

Stock No.	Res. Ohms						
W7099	50	W7090	2000	W7081	7500	W7072	15000U
W7098	100	W7089	2000L	W7080	7500U	W7071	15000W
W7097	200	W7088	2000V	W7079	7500V	W7070	20000
W7096	300	W7087	3000	W7078	10000	W7069	20000V
W7095	400	W7086	3000U	W7077	10000N	W7068	25000
W7094	500	W7085	3000V	W7076	10000U	W7067	30000
W7093	750	W7084	5000	W7075	10000V	W7066	40000
W7092	1000	W7083	5000U	W7074	10000W	W7065	50000
W7091	1000L	W7082	5000V	W7073	15000		

Your Cost Each, Less Switch... **57¢**



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" shafts. Bakelite frames, metal dust covers. 3/8" bushings.

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

With Switch Your Cost, Any Type... **40¢**

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

Trutest EXACT Duplicate Controls



For RCA-Victor models 42, 48, R-14, R-15, R-17. Dual unit, 10,000 and 25,000 ohms. **W9094—Your Cost Each 85¢**

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 79¢**

ZENITH 70 SERIES Late Type



Used in models 50, 60, 70, 71, 72, 73, 77, 712, 722, 723 and 772. Late types, dual control. With switch. 1,150 ohms and 110,000 ohms. **W9095—Your Cost \$1.29**

ZENITH 50 Series

Single control with switch. Used in models 52, 53, 522, 532, 54, 55, 57, 60, 61, 62, 64 and 67. **W9096—Your Cost 79¢**

Tapped Volume Control With Switch



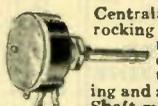
High quality control at an unusually low price. 250,000 ohms with tap at 125,000 ohms. For audio circuits. 3/8" shaft. **W8350—Your Cost 25¢**

CONTROL HEX NUTS



For 3/8" bushings. **W6386—For 1/2" panels. Your Cost Each 9¢**
W6385—For 3/4" panels. Your Cost Each 12¢

Centralab Radiohm POTENTIOMETERS



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 metal contact band and a smooth polished metal contact band. Shaft milled flat, 2 1/4" long. Diameter, 1 1/4".

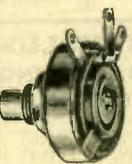
depth, 1/2"; shaft, 3/8"; bushing, 7/8". Bakelite housed with metal dust-proof shield. Listing is coded to indicate taper as follows: U—Voltage Divider (Uniform); S—Antenna Shunt; A—Antenna Shunt and C Bias; A1—Antenna Shunt and C Bias, 1 Tube; A2—Antenna Shunt and C Bias, 2 Tubes; C—C Bias; T—Tone Control; 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	5000U	W8858	10000S	W8840	75000C
W8865	10000U	W8873	15000A	W8852	100000U
W8859	20000U	W8931	15000A	W8880	100000GT
W8866	30000U	W8877	20000A	W8878	200000GT
W8867	40000U	W8869	25000U	W8694	200000C
W8868	50000U	W9032	25000C	W8879	250000GT
W8842	50000S	W8860	25000S	W8864	500000U
W8872	100000A	W8861	50000U	W8841	500000P
W8871	100000A1	W8875	60000T	W8874	1 Meg. GT
W8843	100000A2	W9033	75000T	W8696	3 Meg. GT

Your Cost Each, Any Type... **59¢**

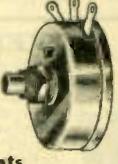
Switch Cover Plate W8665—Your Cost Each... **29¢**

YAXLEY RHEOSTATS AND POTENTIOMETERS



Type C—2 Watts
Compact series of controls ideal for use where space is limited. Contact arm is grounded to the shaft. Diam. 1 1/2", 3/8" shaft, is 3/4" long.

Type M—4 Watts
Extremely compact, conservatively rated at 4 watts. Fully enclosed. 1 3/4" diam.; mount in 1 1/2" hole. Shaft is 1/2" diameter, 3/4" long.



Rheostats		Potentiometers	
No.	Ohms	No.	Ohms
W6197	6	W6201	30
W6198	10	W6202	40
W6199	15	W6203	50
W6200	20	W6204	100

Your Cost Each, Any Type... **44¢**

Rheostats		Potentiometers	
No.	Ohms	No.	Ohms
W6480	1	W6486	20
W6481	2	W6487	25
W6482	3	W6173	40
W6483	6	W6174	50
W6484	10	W6175	60
W6485	15	W6176	75

Your Cost Each, Any Above Type... **44¢**

CARTER Midget Rheostats and Pots.

1-Watt

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



Potentiometers—Type MP		
Stock No.	Ohms	Stock No.
W6515	6	W6520
W6516	10	W6521
W6517	15	W6522
W6518	20	W6523
W6519	200	W6524

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, Any Above Rheostat or Potentiometer... **28¢**

ETCHED PLATES

Aluminum, with hard smooth finish. Fit over 3/8" bushing. Numbers etched in white.

W6234—1 to 12
W6223—0 to 100
Your Cost Each... **9¢**

YAXLEY 9-WATT POTENTIOMETERS TYPE E

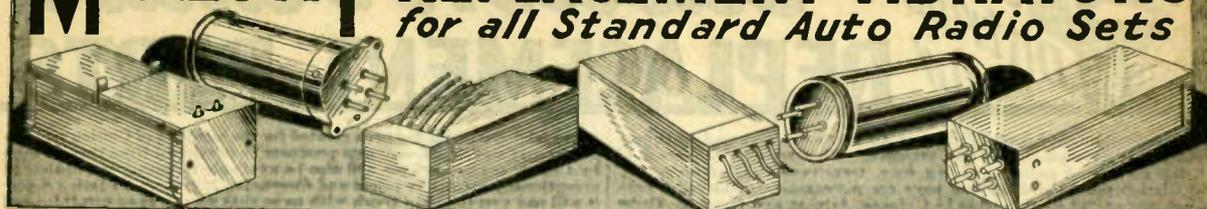
Similar in appearance to the type M units listed at the left, but larger in size. Dissipate 9 watts. Contact arm grounded to the shaft. Diameter 2 1/2", 3/8" shaft. All potentiometer type.

Stock		Stock	
No.	Ohms	No.	Ohms
W6188	5000	W6190	20000
W6189	10000		

Your Cost Each... **1.47**

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	2.65
W6135	10A, 20A, 20B, 30A, 30B, 16292	292	2.65
W6136	7, 17, 17A, 27, 37, 18, 28, 33 294	294	2.65

Atwater-Kent

W6114	424, 534	222	3.09
W6137	666, 776	296	2.65
W6168	816	226	3.09

Belmont

W6136	566, 666, 690, 670A, 880A, 880B, 880C	294	2.65
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Bosch

W6125	524A, 634, 634A	253Y	2.65
W6127	140 (Ed. 2&3)	271	3.23
W6106	150 (Ed. 1)	219	3.38
W6127	150 (Ed. 2)	271	3.23
W6127	45A, 45C, 160	271	3.23
W6123	79	253	2.65
W6136	536, 636, 637, 736, 737, 738	294	2.65

Buick—Olds.—Pontiac

W6113	980393	221	2.79
W6114	980459-980455	222	3.09
W6114	980441	222	3.09
W6130	544245-6	273C	3.23
W6130	398884-5	273C	3.23
W6130	544267-8	273C	3.23
W6130	405054-6	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	062W Stand.	210	3.38
W6106	062W Master	237	3.38
W6104	2721 (062)	206	2.94
W6106	2722 (072A)	211	3.38
W6123	6U2	253	2.65
W6113	56V1	221	2.79

Chevrolet

W6113	364441	221	2.79
W6114	600153-600566	222	3.09
W6114	600249-600565	222	3.09
W6130	601038	273C	3.23
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

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

Colonial

W6113	106B Supp.	221	\$2.79
W6112	164	220B	2.94
W6137	164B	296	2.65
W6127	150	271	3.23

Crosley

W6115	98, 99, 102, 103, 5A1	223	3.38
W6169	4A1, 6B1, 5A3	247	3.23

De Wald

W6113	52	221	2.79
W6135	61	292	2.65
W6136	517, 606, 607	294	2.65

Emerson

W6137	965, 667	296	2.65
W6132	5A	277S	3.23
W6125	6A	253Y	2.65

Fada

W6113	101, 102, 104, 104B	221	2.79
W6136	266	294	2.65

Ford

W6112	Majestic 40-18805	220B	2.94
W6122	Phileo (all)	500P	2.35
W6137	Lincoln	296	2.65

General Electric

W6127*	B40, C41, B52	273	3.23
W6123	C60	253	2.65
W6165	C61	224	3.82
W6147	D50, D51, D52	287M	3.23
W6136	D72	294	2.65

Hudson-Terraplane

W6112	Majestic Head	220B	2.94
W6135	651HE, 650HD, 660TD, 661TE	292	2.65
W6136	666, 668, 680, H6	294	2.65

Lafayette

W6106	S17762	210	3.38
W6133	B-62	286S	3.23
W6104	062, 062A	206	2.94
W6123	L30, 6S	253	2.65
W6137	L-23, AM20	296	2.65
W6136	C60, LW10	294	2.65

Stock No. Name and Model Type No. Your Cost

L'Tatro (32 Volt)

W6142	Admiral F293, Captain F913, Commander E83	F204	\$2.94
W6143	Governor N54, Lt. Governor L54	F211	3.67
W6144	F725, D625, C625, X6236	F251	3.09

Majestic

W6112	66, 116, 116A, 118	220B	2.94
W6112	40-18805	220B	2.94

Mallory "B" Eliminator

W6100	Type 1	201	2.94
W6100	Type 2	202	2.94
W6100	Type 3	203	2.94
W6100	Type 4	204	2.94
W6104	Type 5	205	2.94
W6104	Type 6	206	2.94
W6106	Types 10, 10C, 10CA, 10P, 10PC, 10ST 210	3.38	
W6106	11, 11M, 11Z, 11CD, 11P, 11PC	211	3.38
W6106	12, 12C, 12PC	212	3.38
W6106	13, 13S	213	3.38
W6106	14, 14C, 14PN	214	3.38

Montgomery Ward

W6135	87	292	2.65
W6123	62-118, 62-166	253	2.65
W6104	Auto Radio	206	2.94
W6144	Airline, 62-136, 62-138	F253	3.09
W6133	5Y, 62-199	286S	3.23

Motorola

W6136	34	294	2.65
W6138	88, 61	302S	2.94
W6116	77, 44A, 566	230	3.38
W6126	77A	270B	3.23
W6117	55	231	3.38
W6119	44	235	3.38
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	3.38

Philco

W6122	All To 1936	500P	2.35
W6170	1936 Models	501P	2.35

Stock No. Name and Model Type No. Your Cost

RCA-Victor

W6127*	M34, M105, M116, AR4229	273	\$3.23
W6123	M107	253	2.65
W6171	5M, 6M, 6M2	249	3.23
W6165	M123	224	3.82
W6136	H-6, M109	294	2.65
W6134	M101, 104, 108	287M	3.23

Sears-Roebuck

W6136	7128 (4 pr.)	294	2.65
W6137	7128 (6 pr.)	296	2.65
W6171	4400	249	3.23
W6136	7157, 7167, 1869	294	2.65
W6127	1859	271	3.23
W6127	7117, 1859A	271	3.23

Sparton

W6135	33, 33A, 333	292	2.65
W6114	36	222	3.09

Stewart-Warner

W6136	1171, 1172, 1311, 1312, 1314-19	294	2.65
W6135	1121, 1122, R112, 1123	292	2.65
W6166	R1322, R132	289Y	3.23
W6136	131, R-117-18, 1182-3	294	2.65

Stromberg-Carlson

W6106	33, 33A	236	3.38
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Utah

W6113	"B" Elim.	221	2.79
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Wells Gardner

W6135	W6Z2, Z6Z1	292	2.65
W6133	25Y1	286S	3.23
W6146	25Y1 (12V)	G286S	3.82
W6104	062, 062A	206	2.94
W6106	072, 072A	211	3.38
W6106	06W (1st)	210	3.38
W6106	06W (2nd)	237	3.38
W6123	6U, 6S, 6R	253	2.65
W6144	26B1, 26B5	F253	3.09
W6136	6N	294	2.65

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	2.65
W6136	668, 680	294	2.65

*Following number means that cup adapter is necessary. Cup Adapter, when purchased with vibrator. **W6148—Your Cost..... 29¢** Cup adapter only..... 59¢

"Twist-Lock" Polarized Armored Connectors



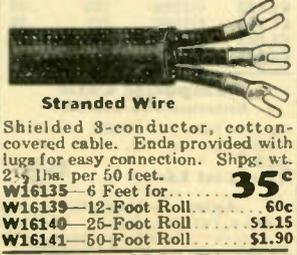
A twist of the wrist and they are securely locked together. Completely armored. Will take wire up to 1/4". Types A and C have cable clamps. Type B is a recessed male plug. Shpg. wt. 1 lb.

Stock No.	Type No.	No. of Connect.	Your Cost
W13175	A	2	38¢
W13184	B	2	55¢
W13177	A	3	57¢
W13186	B	3	75¢
W13179	A	4	85¢
W13188	B	4	95¢

Female Connectors

W13176	C	2	75¢
W13178	C	3	97¢
W13180	C	4	\$1.45

Ready-To-Use Carbon Microphone Cable



Shielded 3-conductor, cotton-covered cable. Ends provided with lugs for easy connection. Shpg. wt. 2 1/2 lbs. per 50 feet.

W16135	—6 Foot roll.....	35¢
W16139	—12-Foot Roll.....	60¢
W16140	—25-Foot Roll.....	\$1.15
W16141	—50-Foot Roll.....	\$1.90

3-Way Mike Plug
Bakelite handle, tinned brass contacts.

W13521	—Your Cost.....	40¢
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3-Way Jack
Use with above plug.

W13522	—Your Cost.....	26¢
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Trutest Low-Imped. 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.....	4¢
W16201	—50-Foot Roll.....	\$1.60
W16202	—100-Foot Roll.....	\$3.10

Armored Mike Connectors

W13400	—Socket Your Cost Each.....	58¢
W13415	—3-wire flush receptacle. Fits W13400 socket. Your Cost.....	59¢
W13401	—Plug Your Cost.....	44¢

Trutest Shielded Carbon Mike Cable



Three color-coded conductors in tightly woven tinned copper shield. 1/8" outer covering of high-percentage rubber. Shpg. wt. 10 lbs. per 100 feet. Wire is stranded.

W16145	—Per Foot.....	4¢
W16204	—12-Foot Roll.....	45¢
W16205	—25-Foot Roll.....	85¢
W16206	—50-Foot Roll.....	\$1.60
W16207	—100-Foot Roll.....	\$3.10

Similar to above, but 5-conductor. Shpg. wt. 10 lbs. per 100 ft.

W16100	—100 ft. \$7.50	
Your Cost Per Ft.....		8¢

Microphone Springs
Made of fine tempered steel with loop ends.

W13402	—Set of 8.....	15¢
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Sole Distributors for

Clarion Radio REPLACEMENT PARTS

As sole distributors for all Clarion products we are prepared to supply practically any replacement part required. We carry complete stock of all the most used parts, including coils, transformers, condensers, etc. All Clarion parts listed on this page are maintained in the New York warehouse and at our branches in Chicago, Atlanta and Newark. Order from the branch most convenient for you—shipments will be promptly made on all Clarion parts whether or not they are listed here.

A special department has been created for the handling of Clarion replacement parts and should any new products be developed from time to time by Clarion engineers these will also be available to authorized dealers at exceptionally attractive prices and discounts. If you are a Clarion dealer it will pay you to get in touch with us so that we can keep you informed of all new developments as they are completed by Clarion engineers. Send us your name and address and we will put you on our Clarion list.

Power Transformers



25 to 60 Cycles, 110 to 220 Volts

60 Cycle-110 Volts

Stock No.	Clarion No.	Model No.	Your Cost
CL132	G1578	300	\$3.50
CL264	G1152	56	3.50
CL267	G1644	340	2.20
CL482	G1768	470	1.95
CL103	G2013	51	2.75
CL200	G1151	61, 70	3.25
CL232	G1381	160	2.95
CL102	G1255	80	2.00
CL262	G1437	200	1.75
CL269	G1528	240	1.95
CL230	G1490	260	3.10

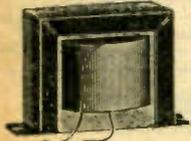
25 Cycle-110 Volts

Stock No.	Clarion No.	Model No.	Your Cost
CL199	G1151A	61, 70	\$3.95
CL198	G1162A	56	4.25
CL101	G1240A	90, 94	3.50
CL479	G1323A	40	3.50
CL233	G1490A	260	3.50
CL135	G1644A	340	3.50
CL478	G1255A	80	2.95
CL134	G1381A	160	3.75
CL229	G1518A	280	3.75
CL168	G1578A	300	3.75
CL100	G1662A	360	3.10
CL166	G2113	51	5.85

60 Cycle-220 Volts

Stock No.	Clarion No.	Model No.	Your Cost
CL480	G1578B	300	\$3.75
CL169	G1240B	90, 94	3.45
CL266	G1323B	40	3.75
CL196	G1616B	320	1.65
CL167	G1662B	360	3.95
CL136	G1490B	260	2.50
CL228	G1151B	61, 70	3.50

Audio Transformers



Input And Output Units

Input Transformers

Stock No.	Clarion No.	Model No.	Your Cost
CL255	G1045	51	\$1.05
CL245	G1109	60 Jr.	1.45
CL248	G1182	61	1.45
CL249	G1778	480	.95
CL250	G1812	490	.75
CL438*	G1838	500	2.25

* Driver Transformer.

Output Transformers

Stock No.	Clarion No.	Model No.	Your Cost
CL253	G1051	51	\$1.15
CL256	G1420	160	.85
CL279	G1516	280	.85
CL240	G1660	360	.85
CL247	G1813	490	.85
CL243	G1697	425, 440	.75
CL241	G1617	320	.55
CL242	G1689	400	.65

Filter Condenser Blocks



Genuine Original Replacement Parts

Stock No.	Clarion No.	Model No.	Your Cost
CL217	G1529	240	\$2.95
CL372	P4709	440	1.45
CL380	P4787	450	1.45
CL226	G1480	220	2.95
CL209	G1384	100	2.95
CL227*	G1529A	240	2.95
CL212	G1573	300	2.95
CL219	G1319	40	2.95
CL364†	G1529B	240	2.75
CL201	G2033	51	3.95
CL206	G1164	70	3.95
CL216	G1106	60	3.95
CL220*	G2133	51	3.95
CL377	P4584	400	1.10
CL363	P4585	400	.80
CL371	P4717	423	.95
CL202	G1178	61	3.75
CL222	G1187	56	3.75
CL204	G1256	80	2.25
CL213*	G1298A	90, 94	2.50
CL208	G1350	84, 85	2.50
CL221	G1298	90, 94	2.05
CL225	G1298C	95	1.35
CL211	G1319A	40	3.25
CL218	G1413	160	1.25
CL214	G1492	260	2.95
CL215	G1519	280	2.95

* 25 Cycle † 220 Volt

By-Pass Blocks

Stock No.	Clarion No.	Model No.	Your Cost
CL191	G1057	51	\$0.98
CL376	G1108	60 (A.F.)	.85
CL224	G1540	240	.85
CL185	G1167	61, 70 (R.F.)	1.85
CL189	G1262	80, 90 (A.F.)	1.00
CL183	G1295	80, 90 (R.F.)	1.10
CL192	G1326	40	.75
CL334	G1348	45	.75
CL205	G1511	220	.75
CL188	G1622	322	.75
CL186	G1351	84	.50
CL203	G1498	260	.60
CL190	G1642	340	.60
CL360	G1432	160 (A.F.)	1.25
CL365	G1431	160 (R.F.)	1.45
CL122	G1585	300	.98

Voltage Dividers

Stock No.	Clarion No.	Model No.	Your Cost
CL296	P1335	60 Jr.	\$0.75
CL315	P1819	40, 100	.59
CL299	P4268	220	.35
CL295	P4269	241, 260	.35
CL294	P4305	280	.59
CL320	P4379	300	.59
CL298	P4267	240, 300	.70
CL319	P4303	280 (Bias)	.29
CL300	P4512	340	.59
CL325	P4533	360	.50
CL318	P4534	360	.19
CL585	P4947	480 (300 ohms)	.48

Volume and



Tone Controls

Stock No.	Clarion No.	Model No.	Your Cost
CL496*	P1308	51	\$0.65
CL494*	P1813	40	.85
CL510*	P4035	100	.98
CL490*	P1064A	60	.98
CL493	P1480	61, 70	.55
CL495*	P1749	80	.60
CL505*	P4080	120	.60
CL521*	P4081	160	.55
CL491*	P1747	90	.80
CL499	P4434	320	.55
CL503*	P4769	AR-100	.75
CL523	P4979	490	.48
CL497*	G1740	422, 423	.60

* With Switch.

Tone Controls

Stock No.	Clarion No.	Model No.	Your Cost
CL517	P1566	53C	\$0.50
CL522*	P4978	490	.60
CL504*	P1955	85	.55
CL519*	P4079	160	.55
CL501*	P4433	340	.75

* With Switch.

R.F. Coils

Stock No.	Clarion No.	Model No.	Your Cost
CL547	P4741	450	\$0.80
CL562	G1544	240	.65
CL347	G1650	340	.65
CL149	G1191	56 (2nd)	.65
CL144	G1192	56 (3rd)	.65
CL145	G1272	80 (1st)	.65
CL146	G1293	90	.65
CL139	G1803	480	.40
CL140	G1376	100	.40
CL558	G1090	51 (2nd)	.95
CL156	G1183	61	.50
CL578	G1342	45	.55

Antenna Coils

Stock No.	Clarion No.	Model No.	Your Cost
CL532	P4739	450	.65
CL561	G1493	241	.65
CL530	G1649	340	.65
CL154	G1168	70	.65
CL158	G1543	240	.85
CL148	G1294	90	.55
CL531	G1343	45	.45
CL152	G1386	100	.35
CL150	G1386	220	.50
CL549	G1089	51	.75
CL584	P4591	400	.65

Clarion Part No. P4450. Used in Model 320 receiver.
CL567
Your Cost Each **63¢**

Antenna-Oscillator
Clarion Part No. P4843. Used in the Model AR-100 auto radio.
CL542
Your Cost Each **79¢**



I. F. Coils

Stock No.	Clarion No.	Model No.	Your Cost
CL118	P4885	470, 472	(1st) \$1.25
CL544	P4654	420 (1st)	1.25
CL541	P4655	420 (2nd)	1.25
CL545	P4716	422 (2nd)	1.25
CL120	G1531	240 (1st)	1.25
CL115	G1532	240 (2nd)	1.25
CL104	G1533	240 (3rd)	1.25
CL110	G1575	300 (3rd)	1.25
CL114	G1647	340	1.25
CL105	G1661	360	1.25
CL538	G1843	490	.95
CL116	P4798	AR-100	.95
CL111	G1494	260 (2nd)	.95
CL159	G1414	160 (1st)	.95
CL540	P4045	220	.40
CL533	P4730	450 (1st)	1.25
CL543	P4731	450 (2nd)	1.25
CL427	P4879	470	1.75
CL121	G1610	241 (1st)	1.15
CL117	G1611	241 (2nd)	1.15
CL108	G1638	320 (osc. and i.f.)	1.39
CL113	G1794	480 (2nd)	1.15
CL169	G1576	300	(1st and 2nd) 1.25
CL155	G1793	480 (1st)	.55
CL587*	G1373	100, 220	(osc. and i.f.) 1.45

* Also used in Silvertone Model 1506, Bulova Models 600, 601 and Temple Model 100 receivers.

Oscillator Coils

Stock No.	Clarion No.	Model No.	Your Cost
CL564	P4887	470	\$0.50
CL563	G1804	480	.45
CL550	P4044	100, 220	.55
CL546	G1546	240	.65
CL566	G1545	240	.65
CL141	G1273	80	.65
CL559	P4740	450	.75
CL551	G1562	241	.40
CL151	G1311	90	.40
CL123	G1648	340	.95

Wave Change Switch

For Model 480

Part No. 4919. T.P.D.T.
CL525
Your Cost Each **50¢**

Variable Condensers

Stock No.	Clarion No.	Model No.	Your Cost
CL194*	G1317	40	\$2.50
CL177*	P4432	320	1.95
CL182*	P4468	340	2.25
CL422*	P4745	450	2.25
CL173†	P4629	422, 425	1.25
CL174†	P4712	440	1.25
CL175†	P4856	470	1.25
CL176†	P4744	AR-100	1.50

* 3-Gang. † 2-Gang.

Dynamic Speakers Less Output Transformers

Stock No.	Clarion No.	Model No.	Your Cost
CL126	G1501	260	\$2.50
CL160	G1503	280	2.25

Cone and Voice Coil For AR-100 Auto Set

Clarion Part No. G1751.
CL594 - Your Cost **65¢**

"A" Choke for AR-100
Clarion Part No. P4799.
CL157 - Your Cost Each **29¢**

NOTE

Space limitations prevent us from showing a complete tabulation of all the Clarion parts available. If the part you require is not listed, write us giving model number of receiver and name of part. We will then quote you at the very lowest prices. Shipments made promptly.



Genuine RCA-VICTOR Replacement Parts

Volume Controls

Only the more popular controls are shown in the listing. Any other control on order only.

Stock No.	Part No.	Model Numbers	Your Cost
WS050	2995	R4, 6, 7, 7A, 9, RE16A	\$0.90
WS051	3092	R8, 10, 11, 12, RE18, 18A, 19, 21, RAE26	.90
WS052	4429	118, 211	.90
WS053	4519	128, 128E, 224, ACR-136, 143, 224E, 242, 322, 322E, 341	.75
WS054	4832	262, 263	.90
WS055	5018	M101, 104, 108	.60
WS058	6275	R-78	1.50
WS057	6337	RE-81 (Phono)	.96
WS058	6612	140, 141, 141E, 240, 340, 340E	.90
WS059	6695	121, 122, 127, 221, 320, 321, 327	.90
WS060	7061	R80, 82, 86	.60
WS061	7129	R14, 15, RE17, R42, 48	1.50
WS062	11205	C11-1, C13-2, T10-1, T11-8, T10-3, D11-2	.60
WS063	5223	C15-3, C15-1	.73
WS064	5901	RAD. 18, 33 A.C. and D.C., 51 D.C., 7-11, 7-26	.90
WS065	10826	R34, 35, 39, RE57, RE73	1.50
WS066	11237	T8-14, C8-15, T6-1, C6-2, T7-5, C7-6, D7-7, C9-4, T9-9, C6-8, 5T-D8-28	.60

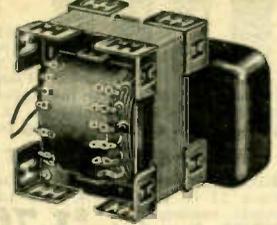
Capacitor Packs

Stock No.	Part No.	Model Numbers	Your Cost
WS538	R17M, 18W, 27	\$0.60	
WS536	C15-3, D22-1	.82	
WS648	R37, 37P, 38, 38P, 120, 124	1.23	
WS661	100, 101, 103, 301	1.32	
WS691	220, 222	1.30	
WS703	121, 122, 221, 320, 321	1.20	
WS769	R11, R21, RE-18, 18A, RAE-26	3.24	
WS782	R8, 10, 12, RE-19, RO-23	4.05	
WS783	C15-2, C15-3, 117, 214, T10-1, C11-1, D11-2, T13-2, T11-8	.71	
WS784	11935 metal be sets	.65	
WS785	2-2, C13-1	.79	
WS786	-1, D11-2	.78	
WS787	-1, C10-2	.78	
WS788	-3, T11-8	.55	
WS789	4, M-105	2.44	

Capacitors

Stock No.	Part No.	Model Numbers	Your Cost
WS1049	3597	R28, 37, 38, RE40, 103, M-107, 110, 111, 115, 118, 120, 124, ACR-136, 140, 240, 262, 310, 322, 340, 380	\$0.24
WS1050	3796	118, 121, 122, 127, 211, 221, 320, 321, 327	.36
WS1051	5212	C11-1, C15-3, D11-2, T10-1, 6T, 6K, 7T, 7K, 8T, 8K	.70
WS1052	6571	121, 122, 140, 141, 220, 221, 280, 320, 340, 380	.72
WS1053	6609	140, 141, 240, 340, 340E	.66

Universal "Fitzall" Power Transformers



Four types cover practically every requirement in every day service.

For 10-12 Tube Sets
Part No. 9551. Mounting centers 1 1/4" to 2 1/2", 4 1/4" high, 3 3/4" wide. Primary: 115 volts, 50-60 cycles a.c. Secondaries: high voltage 750 volts c.t. at 110 ma.
(1) 5 volts c.t. at 3 amps.
(2) 2.5 volts at 3.5 amps.
(3) 5 volts tapped at 2.5/1.25/1.25 volts at 5 amps.
(4) 2.5 volts tapped at 1/1.5 volts at 10.5 amps. Shpg. wt. 8 lbs.
W5629—Your Cost \$3.30

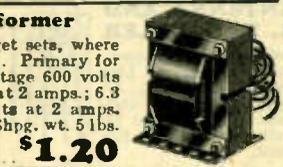
Power Transformers

For 5-9 Tube Sets
Part No. 9553. Mounting centers 1 1/4" to 2", 4 1/4" high, 3 3/4" wide. Primary: 115 volts, 50-60 cycles a.c. Secondaries: high voltage 750 volts c.t. at 80 ma.
(1) 5 volts c.t. at 3 amps.
(2) 5 volts tapped at 2.5/1.25/1.25 volts at 7.5 amps. Shpg. wt. 7 lbs.
W5631—Your Cost \$2.85

For Class "B" Sets
Part No. 9552. Mounting centers 1 1/4" to 2 1/2", 4 1/4" high, 3 3/4" wide. Primary: 115 volts, 50-60 cycles a.c. Secondaries: high voltage 165-310-165-310 volts at 115 milliamperes.
(1) 2.5 volts c.t. at 3 amps.
(2) 2.5 volts at 3.5 amps.
(3) 5 volts tapped at 1.25/1.25/2.5 volts at 5 amps.
(4) 2.5 volts tapped at 1/1.5 volts at 7.25 amps. Shpg. wt. 9 lbs.
W5630—Your Cost \$3.60
Above units may be used for low-powered transmitters.

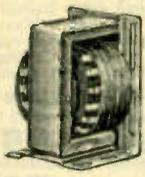
Midget 4-Tube Transformer

Open frame type for use in midget sets, where universal features are unnecessary. Primary for 115 volts, 50-60 cycles. High voltage 600 volts c.t. at 40 ma. Filaments: 5 volts at 2 amps.; 6.3 volts tapped at 1.25/1.25/3.8 volts at 2 amps. Leads for connections are coded. Shpg. wt. 5 lbs.
W5632—Part No. 9556 Your Cost \$1.20



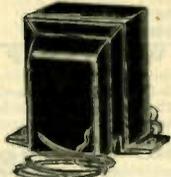
Universal Output Transformer

Matches the output of all existing output tubes to any voice-coil from 1 to 15 ohms. Primary impedances 1000 to 20,000 ohms. Flat response from 30 to 10,000 c.p.s. Baked varnish impregnation. Lug terminals. 2 3/4" x 2 1/2" x 2". Variable mounting centers. Shpg. wt. 3 lbs.
W5532—Your Cost \$1.05
Similar to above, but shielded in cadmium plated case with Bakelite terminal board. For tropic use. Shpg. wt. 3 lbs.
W5537—Your Cost \$1.41



Universal Audio Transformer

Suitable for either straight audio or push-pull interstage transformer. Fully shielded in black finished metal case, vacuum wax impregnated. Primary for any single or p.p. triode (27, 56, 76, 6C5, etc.); secondary for any single or p.p. stage regardless of type. Response from 30 to 10,000 c.p.s. An extremely useful unit for experimental and service work. 2x2 3/4" x 2 1/4". Shpg. wt. 3 lbs.
W5529—Your Cost \$1.20



Dial Assembly

Part No. 3000. Dial drum and scale assembly for models R4, 6, 7, 7A, 7DC, 9, 9DC, 7LW, 10DC, 43 and RE16A. Shpg. wt. 1 lb.
W9638—Your Cost \$24c
RCA Part No. 11301. Dial for Model T4-8
W9639—Your Cost \$24c
RCA Part No. 11328. Dial for Models T8-14, C9-4, T9-10.
W9640—Your Cost \$41c
RCA Part No. 10441. Dial for Models R32, RE45, R52, RE75, RE154, and RE156.
W9641—Your Cost \$12c
RCA Part No. 6501. Dial scale for Model M-34.
W9642—Your Cost \$24c
RCA Part No. 11375. Dial for Model T-10-1.
W9643—Your Cost \$41c
Dial Glass
Part No. 6614. Used on 46 different models.
W9644—Your Cost \$18c



Dial Drive

RCA Part No. 2999. Used in Models R-7A, R-9, R-13, R-10, R-11, R-8, RE-18, RE-26, RE-16A, R-4 and R-6. Comes complete with friction rubber, screws and lock-washers.
W9744—Your Cost \$24c



Drive Clutch Assembly

Part No. 4422. Used in Models 118, 211, 128, 224, 322, 135B, 235B, 143, 242, 262, 281 and 381. Shaft, bearings, ring, spool, spring and washers, completely assembled.
W9637—Each \$60c



Audio Transformers

Only the popular units listed; others on order.

Stock No.	Part No.	Model Numbers	Your Cost
W2007	8932	R74, 76, 77, RE-81	\$4.62
W2009	9005	R37, 38, 120	2.88
W2008	8985	R28, RE40, 110, 111, 115, 210, 310	2.56
W2011	9464	100, 101	1.92
W2120	9511	118, 128, 128E, 211, 224, 224E, 322, 322E, ACR136	2.87
W2121	9042	140, 141, 141E, 240, 340, 340E	4.11
W2122	9505	143, 242, 262, 341	3.81
W2013	9430	M84, 340	2.16



Audio Transformers

Only the popular units listed; others on order.

Output Transformers

Stock No.	Part No.	Model Numbers	Your Cost
W5634	3688	M-34, M-105	\$0.90
W5675	6476	R37, 38, 37P, 38P, 120, 121, 122, 124, 320	.86
W5676	6606	140, 141, 141E, 240, 340, 340E	.89
W5677	6709	142B, 241B	1.31
W5678	11253	T7-5, T8-14, C8-15, T8-16, C8-17, CR-6, T6-1, C6-2, D7-7, C9-4, 5T, 7T, 8T	.94

Audio, Input, Interstage

Stock No.	Part No.	Model Numbers	Your Cost
W5633	6488	M34	.78
W5679	6608	140, 141, 141E, 240, 340, 340E	1.23
W5680	6710	142B, 241B	1.33
W5681	7255	R7A, RE16A	2.10
W5682	8711	RE20, R50, 55, RAE59, RAE-79	2.55
W5683	10414	R32, 52, RE45, RE75, RE-154	2.81

Combination Audios
Push-pull input and output. Models R34, 35, 39, RE57, RAE68, R80, 82, 86. Part No. 8554.
W5684—Your Cost \$4.72
Input, reactor and condenser. Model RE81. Part No. 7629.
W5685—Your Cost \$2.70

Replacement Knobs

No. 2875. Volume, tone and station selector knob, Models R4, 5, 6, 7, 7A, 11, 18, 18A, 19, 32, 52, RE45, RE75, E35, PT33, 112, R43, R10.
W9645—Each \$18c
No. 3892. Selector and volume control knob, Models R28, 28P, 37, 37P, 38, 38P, RE40, R90P, 100, 101, 110, 111, 115, 120, 121, 122, 260, 280, 300, 310, 320, 331, 223.
W9646—Each \$10c
No. 3615. Small knob, same models as above.
W9647—Each \$9c
No. 3829. Volume or tone, Models R93, 140, 141, 240, 262, 281, 327, 340, 340E, 381, 322.
W9648—Each \$13c
No. 4449. All Models 118, 128, 143, 211, 224, 242, 322, 341.
W9649—Each \$9c

SHORT-WAVE COILS and FORMS

Aladdin Polyiron R.F. and I.F. TRANSFORMERS

Iron-Core I. F. Coils Adjustable Coupling



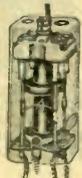
Inductively coupled Litz wound coils. Provided with lateral adjustment to obtain desired coupling. Top tuned trimmers on Isolantite forms. In round aluminum can 3 1/2" high. Color-coded leads for easy connection. With full instructions and diagrams. Threaded spade lug mounting.

Stock Freq. No. Kc.	Use	Bet. Tubes
W9686	456 Interstage	6D6-6D6
W9685	456 Converter	6A7-6D6
W9684	456 2nd I.F.	6D6-Diode
W9725	456 Converter	6A8-6K7
W9726	456 Diode In.	6K7-6H6
W9683	175 C.W.I.F.	6D6-6D6
W9682	175 C.W.I.F.	6D6-Diode

Your Cost Each, Any Above Type... **\$1.76**

Metal Tube Midget I.F. Transformers

Small, Litz-wound Polyiron core inductively coupled coils designed for use in metal tube circuits. In copper cans with black enamel finish. 2 1/2" high by 1 1/4" square. Ideal for auto sets and portables. Top tuning. Leads for connections. Gain is far better than most air-core types. At 465 kc., between 6A8 and 6K7 tubes, band width is 84 kc., at 1000 times the input voltage.

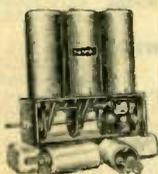


Stock Freq. No. Kc.	Use	Bet. Tubes
W9674	456 Converter	6A8-6K7
W9673	456 Diode	6K7-6H6
W9672	456 Beat Freq. Osc.	6C6
W9699	456 Interstage	6K7-6K7

Your Cost Each, Any Above Type... **\$1.47**

GEN-ER-AL 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 .00087 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. Your Cost... **\$9.35**
W9887—As above, less i.f. transformers. Your Cost... **\$7.20**

5-Meter Superregenerative Coil



For use as low frequency oscillator in five meter superregenerative receivers.

W14321—Your Cost Each... **49¢**

Iron-Core Air-Tuned I.F. Transformers

For precision custom-built receivers. Inductively-coupled, air-tuned, Litz wound coils on Polyiron core. Rectangular aluminum can 4 1/2 x 1 1/2". Top tuning. Color-coded leads. Complete with instructions.



Stock Freq. No. Kc.	Use	Bet. Tubes
W9681	456 Converter	6A7-6D6
W9680	456 Diode In.	6D6-Diode
W9679	456 Interstage	6D6-6D6
W9678	456 Converter	6A8-6K7
W9677	456 Diode In.	6K7-6H6
W9676	175 Converter	6A7-6D6
W9675	175 Diode In.	6D6-Diode

Your Cost Each, Any Above Type... **\$3.23**
Your Cost Each, Any Above Type... **\$3.67**
Your Cost Each, Any Above Type... **\$3.83**

ANTENNA AND R. F. COUPLER

Inductive and capacitive coupling. All Litz wound. Can 2" sq., 3" high. Iron core—high gain. Circuit must be well shielded and filtered.



Stock No.	Range Kc.	Type	Your Cost
W9671	530-1500 Ant.		1.18
W9670	630-1500 R.F.		
W9669	650-1725 R.F.		

WAVE TRAP

Rejection trap tuned from 440-480 kc., does away with commercial interference on i.f.'s. Permanently tuned with one setting.



W9632—Unshielded	88¢
W9634—Shielded	\$1.18

BAKELITE PLUG-IN COIL FORMS

Compact type, molded Bakelite with rim tops for easy grip. 2 1/4" high, 1 1/4" diameter; fit standard sockets. Low-loss, high dielectric strength.



Stock No.	No. Prongs	Your Cost Each
W10060	4	10¢
W10061	5	
W10062	6	

BAKELITE RIBBED COIL FORMS

Ribbed natural-colored Bakelite; 1 1/4" diameter, 2 1/4" winding space. Supplied with disc in top which permits writing in wave range for easy identification. Fit all standard sockets. This type of coil offers maximum efficiency because of the air winding that the ribbed construction permits. Three forms are available; the six-prong type is for the three-winding type of coil.

Stock No.	Prongs	Each
W9988	4	12c
W9989	5	14¢
W9990	6	

Large Ribbed Forms

As above, but 1 1/2" diameter with winding space of 2 1/2". 8 ribs molded on coil forms.

W9630—4-prong	Each	17¢
W9631—5-prong	Each	
W9632—6-prong	Each	20c

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 wave-length inscriptions. 17-41 meter and 83-75 meter coils use heavy, silver-plated wire. 1 1/2" diameter, 2 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 mfd. condenser. **\$1.76**
W9788—Your Cost...

SWK6-6-PRONG KIT

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

Individual 4-Prong Coils

Stock No.	Band-Meters	Net
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
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 1/2" diameter, 2 1/4" long.
W9970—4-prong **21¢**
W9972—6-prong **24¢**
W9971—6-prong, Ea. **21¢**
Your Cost Each... **24¢**



BAKELITE RIBBED PLUG-IN COIL KIT



On ribbed, natural color Bakelite forms. Space windings. Wave range printed on card on each coil. For .00015 mfd. tuning. Windings comprise tickler and grid input.

4 Prongs—2 Windings

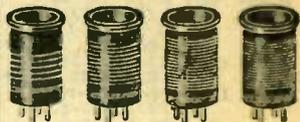
Set of four 4-prong coils cover 15 to 200 meters. **99¢**
W9982—Your Cost...

Two coils to cover broadcasting

185-565 meters. **79¢**
W9983—Your Cost...

Ultra short-wave 4-prong coil, 9.5-21 meters. **38¢**
W9984—Your Cost...

Truest BAKELITE PLUG-IN COIL KIT



1 1/4" diam., 2 1/4" high. Space wound on compact Bakelite forms. Designed for use with .00014 mfd. condenser. Provided with rims for easy handling.

4-Prong—2 Winding

W10040—Kit of 4 coils cover 16-217 meters. **99¢**
Your Cost...

W10041—Broadcast coils, 190-550 meters. **79¢**
Your Cost...

W10039—Ultra s.w. coil, meters. **38¢**
Your Cost...

6-Prongs—3 Winding

W10042—Kit of 4 coils cover 16-217 meters. **99¢**
Your Cost...

W10043—Broadcast 190-550 meters. **79¢**
Your Cost...

W10044—Ultra s.w. meters. **38¢**
Your Cost...

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. These coils are highly efficient in spite of their unusually small size and are ideally suited for portables, etc. **45¢**
W9981—Set of four coils
Your Cost, Special...

W9982—Your Cost... **99¢**
W9983—Your Cost... **79¢**
W9984—Your Cost... **38¢**

BAND SPREAD COILS

Provided with adjustable band setting condensers mounted on top of each coil. For use with 140 or 150 mfd. tuning condensers. Forms have 5-prong bases and will fit any standard 5-prong socket. Can be used with any short-wave receiver designed for this type of inductor, such as the Band-Spread Monitor. (See page 83). **45¢**
W9981—Set of four coils
Your Cost, Special...

Stock No.	Band Meters	Stock No.	Band Meters
W9973	19	W9977	40
W9974	20	W9978	49
W9975	25	W9979	80
W9976	31	W9980	160

Your Cost Each, Any Type... **45¢**

Truest

Low-loss, strong and compact; non-corrosive; minimum plate area. Bakelite in construction. For hole mounting. Each unit complete with 1/4" shaft and short-wave meters of their innu test work.

Stock No.	Prongs	Each
W10040	4	85c
W10041	5	35c
W10042	6	38c
W10043	7	40c
W10044	11	45c
W10045	14	48c
W10046	140	58c
W10047	35	10 58c
W10048	50	16 68c

Super-Het & T.R.F. COILS

Truest 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 3/4 x 1 3/4 x 3 1/2"; 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. Individually packed in attractive carton.



Stock No.	Freq. Ke.	Range Ke.	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

Double-Tuned Iso-Trimmers

Your Cost Each

69¢

Hi-Gain Iron-Core Transformers



Uses new Ferrocart core which improves selectivity, doubles gain, increases signals and lowers set noise. Core of fine particles of pure soft iron insulated from each other. All double tuned from top; trimmers have Isolantite base. Leads are RMA color-coded. Aluminum shield can measures 1 3/4 x 1 3/4 x 3 1/2". Equipped with threaded mounting lugs. Each unit individually boxed and furnished with complete instructions for easy installation.

Stock No.	Freq. Ke.	Set Position
W9690	175	Input
W9697	175	Interstage
W9688	175	Output
W9689	456	Input
W9698	456	Interstage
W9687	456	Output

Your Cost Per Unit, Any Type: **\$1.15**

MEISSNER AIR-TUNED I.F. TRANSFORMERS



A new line of i.f.'s using a new air-tuned condenser—permits 3300° of micrometer adjustment easily and accurately. Not affected by dust, shock, changes in temperature or humidity; adjustable from top of can. Shield can is 2 x 2 x 4 1/2". Connections brought out at bottom as lugs.

Iron-Core Or Air-Core

Available in air-core types and Ferrocart (iron-core) models. The iron-core units have a core of fine particles of pure, soft iron insulated from each other. They offer greater selectivity and considerably higher gain. These units offer improved reception and stable operation over a long period of time. Each unit is furnished with complete installation instructions.

No.	Freq. Ke.	Type	No.
W10261	175	Input	W10268
W10262	175	Inter.	W10269
W10263	175	Out.	W10270
W10264	456	Input	W10271
W10265	456	Inter.	W10272
W10266	456	Out.	W10273
W10267	456	Out. CT	W10274

Iron Core Each **\$2.65** Air Core Each **\$2.21**

THREE-PI I.F. TRANSFORMERS



Double-tuned units; mica trimmers mounted on Isolantite base. Highly efficient three-pi windings give increased selectivity with greater fidelity. (Because of a tendency toward instability, 3-pi i.f.'s are not used in amplifiers requiring three stages). Can is 1 3/4 x 1 3/4 x 3 1/2". Leads RMA color-coded. Complete with instructions.

W9368—456 ke. input unit.
W9391—456 ke. output unit.
Your Cost Each, Either Type: **79¢**

Triple-Tuned I.F.'s

Provides high-fidelity reception with increased selectivity and greater sensitivity. Flat top reception over entire audio range. Isolantite base trimmers. Can is 2 x 2 x 5". Color coded leads and spade bolt mounting. With full instructions.



W9998—456 ke. input transf.
W9999—456 ke. output transf.
Your Cost Each, Either Type: **\$1.28**

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. Contained in aluminum shield can 3" by 2" square. Shpg. wt. 3 lbs.

W9957—175 ke. W10013—456 ke.
Your Cost Each, Either Type: **\$1.08**

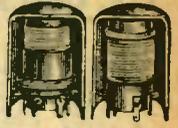
Jr. Trimmers

Ceramic base; adjustable from either side; uses finest mica; mounts anywhere.



Stock No.	Range Mm/d.	No. Plates	Your Cost
W9767	10-70	2	16c
W9768	30-180	3	19c
W9769	60-300	4	22c
W9770	120-475	5	24c
W9779	550-1125	7	42c

SHIELDED LITZ WOUND R.F. AND ANTENNA COILS



Will service over 90% of the receivers on the market. Have high-impedance primaries for screen-grid tubes, and Litz-wound secondaries. Completely shielded in round aluminum cans 1 3/4" diameter, 2 1/4" high. Wound for .000365 mfd. condensers. With diagrams. Two 6-32 spade bolts for mounting. Are of the high-gain, four-bank type—the most efficient coil design. Lug terminals.
W10077—Antenna Coil.
W10085—R.F. Coil.
Your Cost, Either Type: **31¢**

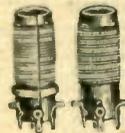
5-TUBE KIT

W10073—Comprises one antenna and two r.f. coils with complete instructions and diagrams for a 5-tube receiver.
Your Cost: **90¢**

4-TUBE KIT

W10071—Comprises one antenna and one r.f. coil with complete instructions and diagrams for a 4-tube receiver.
Your Cost: **61¢**

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 1/4" long, 3/8" diameter. Tunes with .000365 mfd., condenser. Furnished with mounting brackets and diagrams.

W10012—Antenna coil
W10095 R.F. Coil.
Your Cost Each: **32¢**
W10096—Kit of 2.
Your Cost: **63¢**

PENTAGRID (2A7) OSCILLATOR COIL

Unshielded type made for use with .000365 mfd. condenser; thoroughly impregnated. Shielded type is 1 1/2" high, 1 1/2" diam. Tunes with .000365 mfd. condenser. These coils can be used with any i.f. transformers and any r.f. and antenna coils.



No. Shielded	Freq. Ke.	Padder Mm/d.	No. Unshielded
W10029	175	900	W10028
W10031	456	350	W10030

Net Each Shielded: **44¢** Net Each Unshielded: **35¢**

PRESELECTOR COIL

3 windings; primary and 2 secondaries. Bandpass unit tunes with a .000365 mfd. condenser. Can be added to any set, needs no extra tube. With full instructions.
W10275
Your Cost: **68¢**

IRON-CORE ANTENNA AND R.F. COILS

The last word in coil efficiency. Will improve any set due to the increased selectivity and higher gain obtainable. Completely shielded in aluminum can 1 3/4 x 1 3/4 x 2 1/4". Antenna coil in two sizes—for standard aerial and auto type. (The conventional and large auto antennas take the high-impedance antenna coil.) Tune with standard .00365 mfd. condenser. Furnished with complete instructions and suggested circuit changes.



Stock No.	Type	Imped.	Each
W10276	Ant.	High	85¢
W10277	Ant.	Low	
W10278	R.F.	High	

Truest DUAL BAND COILS



These coils follow the most recent standards of coil construction and design. They are wound on Bakelite forms with spaced enameled wire on the short-wave coils, and with Litz on the broadcast windings. The shielded units are 1 3/4 x 1 3/4 x 3" and include two mica trimmers. Unshielded units do not include trimmers, but are otherwise similar. Have high-impedance primaries. Available in broadcast, police and short wave types.

Broadcast & Police

Cover 75 to 200 and 200 to 550 meters (1500-4000 kc., and 550-1800 kc.) with .000365 mfd. unit.
Stock No. Type Unshielded
W10247 Ant. W10250
W10248 R.F. W10252
W10249 Osc. W10252
Net Each Shielded: **85¢** Net Each Unshielded: **56¢**

Broadcast & S.W.

Cover 15 to 55 and 190 to 550 meters (5500-20,000 kc., and 550-1600 kc.) with .000365 mfd. unit.
Stock No. Type Unshielded
W10253 Ant. W10256
W10254 R.F. W10257
W10255 Osc. W10258
Net Each Shielded: **85¢** Net Each Unshielded: **56¢**

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 1/2 x 2 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¢**



FOUR-TUBE KIT

W10092—Set of one antenna and one r.f. coil.
Your Cost: **53¢**

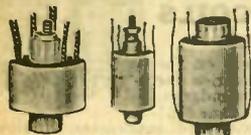
FIVE-TUBE KIT

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

Mail Your Orders to NEW YORK, CHICAGO or ATLANTA

REPLACEMENT I.F. Coils and R.F. Chokes

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 realigned after new coil is installed. For listing of replacement Majestic Coils with shield cans and trimmers, see tabulation at right.

Stock No.	Maj. No.	Model and Stage	Your Cost
W8440	4428	15, 15B, 150 (I.F.-Osc.)	50.35
W8441	8384	15, 15B, 150 (2nd)	.40
W8443	5326	25 (1st)	.40
W8444	5327	25 (2nd)	.48
W8445	5601	25B (1st)	.40
W8446	5602	25B (2nd)	.48
W8447	5606	55 (1st)	.40
W8448	10589	66 (1st)	.40
W8449	10591	66 (2nd)	.40
W8450	9355	116 (1st)	.40
W8451	9361	116 (2nd)	.40
W8452	6250	200 (1st)	.40
W8453	6254	200 (2nd)	.48
W8454	6119	210 (1st)	.40
W8455	6123	210 (2nd)	.40
W8456	6127	210 (3rd)	.40
W8355	7205	290, 300 (1st)	.40
W8356	7230	290, 300 (2nd)	.48
W8456	7821	310A, 310B, 330, 390 (1st)	.40
W8457	7812	310A, 310B, 330, 390 (2nd)	.42
W8458	9094	360 (2nd)	.40
W8459	9669	400 (1st)	.40
W8460	10149	460 (1st)	.40
W2452	10253	460 (2nd)	.45
W2452	11014	800 (2nd)	.45
W8462	10843	500 (1st)	.40

W8463—Part No. 7187. Primary coil used in models 290, 300, 310, 330, 460, 520, 800. **Your Cost 41¢**

EXACT DUPLICATE REPLACEMENT I. F. TRANSFORMERS



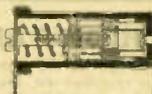
Exact duplicate replacement intermediate frequency transformers for standard radio receivers. All complete in shield cans, with trimmers. No changes necessary to install. Made of high quality material—will give lasting, satisfactory service.



Stock No.	Make and Model	Stage	Mfr's No.	Cost Each
W2493	Apex 24 (400 chassis)	I.F.-Osc.		51.70
BR2226	Brunswick 11, 12, 16, 33	1st*	6035	1.35
BR315	Brunswick 17, 24, 25	1st	6033	.90
W2495	Belmont C119, 50C, 51C	I.F.-Osc.		1.42
(CLARION coils on page 119)				
W2478	Crosley 122, 123, 124, 125, 126 (untuned)	2nd		.42
W2479	Crosley 122, 123, 124, 125, 126	1st	22603	.42
W2489	Majestic 15, 15B, 150	2nd	4429	.85
W2491	Majestic 15, 15B, 150	I.F.-Osc.	4428	1.35
W2496	Majestic 20	1st	3908	1.42
W2497	Majestic 20	2nd	3960	1.69
W2303	Majestic 25	1st	5326	.99
W2304	Majestic 25	2nd	5337	.99
W2318	Majestic 25B	1st	5601	1.09
W2319	Majestic 25B	2nd	5602	1.09
W2317	Majestic 55	I.F.-Osc.	6506	1.57
W2498	Majestic 60	1st	4439	1.69
W2499	Majestic 60	2nd	4267	1.69
W2324	Majestic 200	1st	6260	1.09
W2325	Majestic 200	2nd	6254	1.09
W2332	Majestic 290, 300	1st	7205	.99
W2333	Majestic 290, 300	2nd	7230	1.09
W2415	Majestic 310A	1st	7821	.85
W2451	Majestic 460	1st	10149	.85
W10221	Majestic 500	1st	10843	1.25
W10222	Majestic 500	2nd	11705	1.09
W10223	Majestic 500	3rd	10852	2.24
W2415	Majestic 800	1st	8995	.85
W2580	RCA-Victor 80, 82, 83	1st	8567	1.26
W2581	RCA-Victor 80, 82, 83	2nd	8565	1.26
W2582	RCA-Victor 80, 82, 86	3rd	8566	1.26
W2583	RCA-Victor RE-20, R50, R-56, RAE-59	1st	7281	1.20
W2584	RCA-Victor RE-20, R50, R-55, RAE-59	2nd	7282	1.44
W2585	RCA-Victor RE-20, R50, R-56, RAE-59	3rd	7283	1.95
W2586	RCA-Victor R4, R6, R7, R7A, R9, RE-16A	1st	2991	1.22
W2587	RCA-Victor R4, R6, R7, R7A, R9, RE-16A	2nd	2992	1.32
W2588	RCA-Victor R11, RE-18, R21, RAE-26, RE-18	1st	7266	1.32
W2589	RCA-Victor R11, RE-18, R21, RAE-26, RE-18	2nd	7267	1.20
W2590	RCA-Victor R8, R10, R12, RE-19	1st	7340	1.20
W2591	RCA-Victor R8, R10, R12, RE-19	2nd	7341	1.20

*For models with automatic volume control.

Align-Aire Trimmers



New compression type, air dielectric. In low loss containers; lug terminals. No "drift." Easy to use.

Stock No.	Cap. Mmfd.	Size Inches	Your Cost
W9740	1-12	1/2 x 1 3/4"	50.29
W9741	3-25	1/2 x 1 3/4"	.35
W9742	25-50	1 x 1 3/4"	.44
W9743	55-110	1 x 1 3/4"	.73

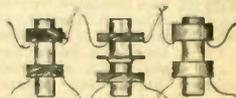
COIL REPAIRS

We can repair any defective coil so that it will be exactly the same as the original unit. Send defective coil and all available information (make and model number, type and number of tubes, number of sections in variable condenser, etc.). All repairs are fully guaranteed.

Repair Price List

R.F. Ant., and single section I.F. coils \$1.45
 Double section I.F. coils \$1.75
 Composite coils (oscillator and i.f. combined) \$1.95
 (For new shields add 29¢)

RADIOLA DUPLICATE I. F. COILS



Exact duplicates of the original, both physically and electrically. Coils only, less shielding cans.

Stock No.	Models and Stage of I.F.	Your Cost Each
W2503	80, 82, 86, RAE-68 (1st)	1.20
W2504	80, 82, 86, RAE-68 (2nd)	1.44
W2505	80, 82, 86, RAE-68 (3rd)	1.95
W2508	60, 62, 64 (all)	1.22
W2509	R4, R5, R6, R7, R7A, R9, RE-16, RE-16A (1st)	1.32
W2510	R4, R5, R6, R7, R7A, R9, RE-16, RE-16A (2nd)	1.32

Your Cost Each, Any Type **57¢**

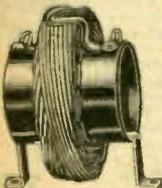
MEISSNER Iron Core R. F. Chokes



Iron core Ferro-cast choke coils, because of the greater "Q", increase the gain and selectivity of receivers. Have lower distributed capacitance. Complete with brass mounting, bolt and nut.

Stock No.	Millihen.	Your Cost
W9667	2.5	35¢
W9666	5.5	38¢
W9665	10	44¢
W9664	30	50¢
W9693	80	67¢
W9663	125	88¢

LINE FILTER CHOKES



Duo-lateral wound filter chokes designed for maximum filter efficiency. May be used with receivers, transmitters, rotators, or vibrating equipment.

Stock No.	Cap. Amps.	Your Cost
W10111	2	50.59
W10112	5	1.47
W10113	10	1.91
W10115	20	2.35

SHIELDED AND UNSHIELDED R. F. CHOKES

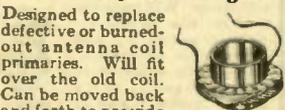


Unshielded chokes are lattice wound on insulated cores and have lug terminals. Shielded chokes are housed in cans and have leads that can be brought out from top or bottom. Size of can: 1 1/2" diameter by 1" high.



Unshielded Chokes			Shielded Chokes		
Stock No.	Millihen.	Your Cost	Stock No.	Millihen.	Your Cost
W10133	2.5	14¢	W10240	2.5	26¢
W10099	6	20¢	W10241	6	29¢
W10100	8	27¢	W10242	8	42¢
W10101	16	38¢	W10243	16	47¢
W10134	30		W10244	30	
W10135	60		W10245	60	
W10136	80		W10246	80	

Antenna Coil Primary Windings



Designed to replace defective or burned-out antenna coil primaries. Will fit over the old coil. Can be moved back and forth to provide any desired coupling—gain can be increased or decreased. All high impedance. Furnished with insulated leads for direct connections. Tinned ends.

Stock No.	For	Your Cost Each, Any Type
W10116	For 1 1/2" O.D. coils	15¢
W10117	For 1" O.D. coils	
W10118	For 3/4" O.D. coils	
W10119	For 1/2" O.D. coils	

Pie-Wound R. F. Chokes

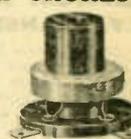


For use in all types of high frequency receivers and in low power transmitters. Consist of a continuous dry pie winding on a genuine Ceramite spool. Extremely low distributed capacity.

Stock No.	Milli-henrys	Your Cost
W10142	2.5	\$0.29
W10143	5.5	.38
W10144	10	.45
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	14¢
W10102	5.5	25¢
W10104	6	28¢
W10001	8	38¢
W10000	60	38¢

"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	22¢
W10139	5	25¢
W10140	10	33¢
W10141	25	33¢

COLUMBIA RF Choke

Especially designed replacement for the Columbia Screen Grid 8 receiver. Fibre form with lug terminals.



W10145—Your Cost Each **35¢**

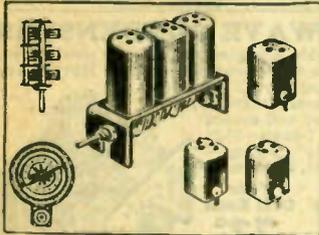


Meissner "Build-Your-Own" KITS

MANY years of experience in the design of "build-it-yourself" radios has enabled the Meissner Company to avoid the pitfalls of complicated construction which ordinarily baffle the home-set builder. Not only have the accompanying instruction sheets been simplified and prepared in greater detail, but complete lists of all additional parts necessary to build the receivers from "A to Z" are included. These additional parts will all be found in this catalog; another convenience for builders. In addition, in the case of the all-wave receiver, the tuning assembly comes to you already wired with coils, condensers and trimmers, and the band-changing switch, completely and accurately balanced and adjusted at the factory. No complicated test apparatus or meters required. Formerly, this business of balance-

ing and aligning the receiver after it was built was the "bugaboo" of the all-wave set constructor. Now, with all-wave kits, it is done for you, at the factory. Furthermore, all kits (except the 2-tube kits) include a calibrated dial which is matched with its respective variable condenser and coils so that it will read all stations properly. Some of the Meissner kits listed on this page include Ferrocort (iron-core) r.f. and i.f. coils. These units by virtue of their very low r.f. resistance impart to the receiver, greater gain and considerably sharper selectivity resulting in reduced adjacent channel and image interference. All coils, condensers and i.f. transformers are accurately matched to each other to assure the absence of "birdies" and to assure overall excellent performance of the completed receivers.

MEISSNER All-Wave "8"



4-BAND TUNER 15 TO 550 METERS Ferrocort (Iron-Core) I. F. Transformers Completely Balanced

Here is an excellent "build-it-yourself" receiver for the amateur and short-wave broadcast fan. It covers the 20, 40, 80 and 160-meter ham bands as well as all police, commercial and European and American short-wave broadcast stations. Tuning ease

is improved considerably by the use of mechanical band spread on a high-ratio vernier airplane dial. The complete set of simple and detailed instructions and layouts which accompany this kit will enable you to construct a modern four-band, metal-tube superheterodyne receiver incorporating all the latest developments in radio; and there is no fusing or fiddling with alignments and adjustments for the tuning assembly comes to you already wired. All the coils, condensers and trimmers, and the band-changing switch are mounted, wired, accurately balanced and adjusted at the factory.

Here are some of the fine features of the set:

Four bands—continuous—15 to 550 meters; eight all-metal tubes; high-Q Ferrocort (iron-core) i.f. units; beat-frequency oscillator with cut-out switch; automatic volume control with cut-out switch; sensitivity control; tone control, etc. The Ferrocort (iron-core) i.f. impart to the receiver greater gain and considerably sharp selectivity; two important factors which are very vital to an all-wave receiver. As a result, adjacent channel and image interference are reduced to a minimum.

The complete kit includes:

Coil and switch assembly; three-gang variable tuning condenser; five-inch, two-speed calibrated aeroplane dial; beat frequency oscillator coil; Ferrocort input i.f. unit; Ferrocort output i.f. unit; Complete instructions and prints. Shpg. wt. 4 lbs.

W10287—Complete coil kit and plans.

Your Cost

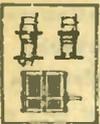
W10288—Wired and balanced tuning unit only; comprising ant., r.f., and osc. coils, fixed condensers and trimmers and band-change switch. Shpg. wt. 2 lbs.

Your Cost

\$14.70

\$7.94

POPULAR 2-TUBE BEGINNERS' KITS AC-DC B'cast Model



These coil kits have been specially designed for the beginner in set construction. Simple but efficient circuits and simplified plans that are easy to follow. This particular

kit can be used for the Popular Mechanic's famous No. R211 receiver. All components are perfectly matched to each other and therefore if wired correctly, the set will work "right off the bat." Kit comprises pair of matched coils and tuning condenser. Shpg. wt. 3 lbs.

W10292—Coil kit and plans.

Your Cost

\$2.06

AC-DC All Wave Model



Uses dual-purpose tubes—equal to 4 tube set. Kit comprises 2 sets of plug-in coils (100-570 meters) and 2-gang tuning condenser. An excellent set for the beginner.

Covers police, amateur radiophone, television impulses, aircraft, ships, commercial, etc. Complete with detailed plans. Shpg. wt. 3 lbs.

W10293—Coil kit and plans.

Your Cost

\$2.65

4 and 5 Tube AC-DC Midget Sets T. R. F. Circuit



These receivers are exact duplicates of popular modern sets. Complete with all plans.

The 4-Tube Kit Comprises:

Shielded antenna and r.f. coils (one each); two-gang tuning condenser; two square escutcheon plates (tuning and volume). Shpg. wt. 2 lbs.

W10294—4 tube coil kit, with plans.

Your Cost

\$2.06

The 5-Tube Kit Comprises:

Same components as above, except that an extra r.f. coil is included. A three-gang condenser is used instead of 2-gang. Shpg. wt. 2 lbs.

W10295—5 tube coil kit, with plans.

Your Cost

\$2.94

SIX TUBE A. C. SUPER-HETS

Police and Broadcast Model "6"

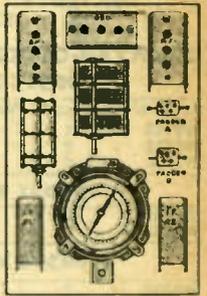
2 Bands—80-190; 175-550 Meters

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 Ferrocort (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. Shpg. wt. 3 lbs.

W10299—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 Ferrocort (iron-core) i.f. transformers, three-gang tuning condenser and a four-inch calibrated airplane dial. The completed receiver employs six tubes, and is a marvel of selectivity and sensitivity. With complete plans. Shipping weight 2 lbs.

W10289—Your Cost Complete.

\$6.61

Short-Wave and B'cast Model "6"

2 Bands; 15-55 and 175 to 550 Meters

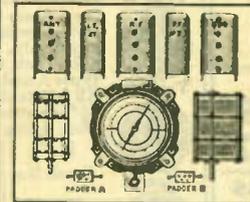
Build this modern dual-wave, 6-tube superheterodyne receiver. Kit consists of 2-band ant., r.f., and osc. coils; Ferrocort (iron-core) i.f. units; 3-gang tuning condenser; padders; band-change switch 4" calibrated aeroplane dial and complete instructions. Shpg. wt. 3 lbs.

W10291—

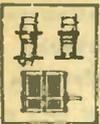
Coil kit and plans.

Your Cost

\$9.12



POPULAR 2-TUBE BEGINNERS' KITS AC-DC B'cast Model



These coil kits have been specially designed for the beginner in set construction. Simple but efficient circuits and simplified plans that are easy to follow. This particular

kit can be used for the Popular Mechanic's famous No. R211 receiver. All components are perfectly matched to each other and therefore if wired correctly, the set will work "right off the bat." Kit comprises pair of matched coils and tuning condenser. Shpg. wt. 3 lbs.

W10292—Coil kit and plans.

Your Cost

\$2.06

AC-DC All Wave Model



Uses dual-purpose tubes—equal to 4 tube set. Kit comprises 2 sets of plug-in coils (100-570 meters) and 2-gang tuning condenser. An excellent set for the beginner.

Covers police, amateur radiophone, television impulses, aircraft, ships, commercial, etc. Complete with detailed plans. Shpg. wt. 3 lbs.

W10293—Coil kit and plans.

Your Cost

\$2.65

4 and 5 Tube AC-DC Midget Sets T. R. F. Circuit



These receivers are exact duplicates of popular modern sets. Complete with all plans.

The 4-Tube Kit Comprises:

Shielded antenna and r.f. coils (one each); two-gang tuning condenser; two square escutcheon plates (tuning and volume). Shpg. wt. 2 lbs.

W10294—4 tube coil kit, with plans.

Your Cost

\$2.06

The 5-Tube Kit Comprises:

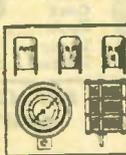
Same components as above, except that an extra r.f. coil is included. A three-gang condenser is used instead of 2-gang. Shpg. wt. 2 lbs.

W10295—5 tube coil kit, with plans.

Your Cost

\$2.94

4 and 5 Tube Stand- ard A. C. Models T. R. F. Circuit



Patterned after standard 110-volt a.c. sets. Kits complete with detailed instructions.

The 4-Tube Kit Comprises:

Shielded antenna and r.f. Coils (one of each); two-gang tuning condenser and 3" calibrated aeroplane dial.

W10296—4 tube coil kit, with plans.

Your Cost

\$2.85

The 5-Tube Kit Comprises:

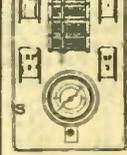
Same as above, except that an extra r.f. coil is included and a three-gang condenser is used. Wt. 3 lbs.

W10297—5 tube kit, with plans.

Your Cost

\$3.67

Ferrocort (Iron-Core) T. R. F. Coil Kits



5 and 6 Tubes Ferrocort (iron-core) antenna and r.f. coils increase the gain and selectivity.

The 5-Tube Kit Comprises:

1 Ferrocort Ant. coil; 2-Ferrocort r.f. coils; three-gang condenser and 3" calibrated aeroplane dial. With plans.

W10298—5 tube kit, with plans.

Your Cost

\$5.20

The 6-Tube Kit Comprises:

Same as above, except that an extra r.f. coil is added and a 4-gang condenser is used. Shpg. wt. 3 lbs.

W10299—6-tube kit with plans.

Your Cost

\$6.44

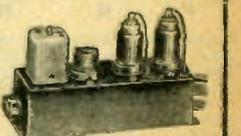
NEW! Lamb "QST" Noise Silencer

Operates with any superhet of 2 i.f. stages or more. Uses 3 tubes; 6J7, 6L7, 6H6. Kit form or wired. Size, 8x2x4 1/2" high. Completely mounted on an all-metal chassis—attractively finished.

I.F. (kc)	Wired	Your Cost	Your Kit Cost	Your Cost
175	W12698	\$5.00	W12687	\$3.50
456	W12699	5.00	W12686	3.50
Kit of RCA tubes				2.70

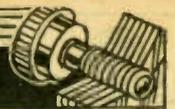
Has additional 6J7 tube. Can be used with any superhet. set regardless of number of i.f. stages. Size, 9 1/2 x 3 3/4 x 5 1/2". On all-metal chassis.

I.F. (kc)	Wired	Your Cost	Your Kit Cost	Your Cost
175	W12702	\$6.70	W12700	\$4.70
456	W12703	6.70	W12701	4.70
Kit of RCA tubes				3.65

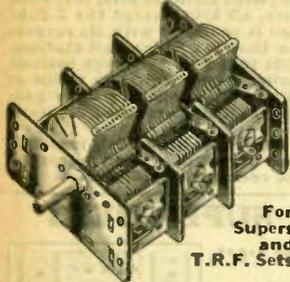


These units follow the original circuit designed by James Lamb, technical editor of "QST."

Variable Condensers and Knobs



Trustest 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 1/4" diameter, 1 1/4" long shafts; each furnished with a split bushing for 3/8" dial. All types available with clockwise and counter clockwise rotation. Size: 1 1/2" high, 3 1/2" wide. 1-gang condensers are 1 1/2" long; 2-gang condensers are 2 1/2" long; 3-gang condensers are 3 1/2" long. Average shipping weight 2 lbs.

COUNTER-CLOCKWISE CLOCKWISE

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

Stock No.	Gangs	Your Cost	Stock No.	Gangs	Your Cost
W9710	1	\$0.75	W9720	1	\$0.75
W9711	2	.84	W9721	2	.84
W9712	3	1.23	W9722	3	1.23

.00041 Mfd. For T. R. F. Circuits

Stock No.	Gangs	Your Cost	Stock No.	Gangs	Your Cost
W9732	2	.84	W9734	2	.84
W9733	3	1.23	W9735	3	1.23

.000365 Mfd. For 175 Kc. Superhets

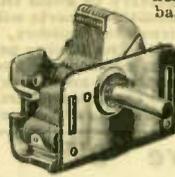
Stock No.	Gangs	Your Cost	Stock No.	Gangs	Your Cost
W9792	2	.84	W9794	2	.84
W9793	3	1.23	W9795	3	1.23

.000365 Mfd. For 456 Kc. Superhets

Stock No.	Gangs	Your Cost	Stock No.	Gangs	Your Cost
W9798	2	.84	W9796	2	.84
W9799	3	1.23	W9797	3	1.23

COMPACT SINGLE CONDENSERS

Exceptionally compact single gang variable condensers for both superheterodyne and tuned radio frequency receivers, short-wave and broadcast type. Also used in various types of test instruments. All have heavy aluminum plates with brass supports. All have ball bearing rotors. Shafts extend 1 1/4" and are 1/4" in diameter. Overall dimensions: 1 1/2" high, 1 1/2" wide and 2 3/4" long. No trimmer condensers included. All types shown in the listing have counter-clockwise rotation. Offered at new low prices. Shipping weight 1 lb. each.

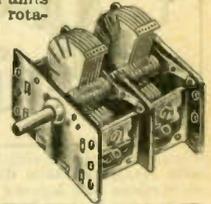


Stock No.	Cap. Mfd.	Your Cost Each
W9762	.0001	56^c
W9763	.00014	
W9764	.00025	
W9765	.000365	

Trustest 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. Shaft are 1/4" in diameter and extend 1 1/4" from panel. Size of units: 1-gang—3 1/2" x 1 1/2" x 1 1/2"; 2-gang—3 1/2" x 1 1/2" x 2 1/2"; 3-gang—3 1/2" x 2 1/2" x 1 1/2". Average shpg. wt. 2 lbs. each. Supplied with trimmers.

Stock No.	Cap. Mfd.	Gangs	Your Cost Each
W9716	.00015	1	72^c
W9717	.00025	1	
W9718	.0001	2	85^c
W9719	.00015	2	
W9766	.00014	3	\$1.32

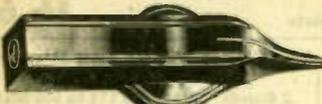


FLEXIBLE 1/4" SHAFT COUPLER

For coupling two 1/4" condenser shafts or extending a shaft at an offset angle. Insulated.
W9751—Fibre. Your Cost Each **21^c**
W9750—Insulex. Your Cost Each **36^c**



BAKELITE BAR KNOBS



Highly polished Bakelite knobs with arrow pointers. For 1/4" shafts; set screw type.
W13055—2 1/4" long, 3/8" skirt. 1 1/2" rad. 10 for 80c. Your Cost Each **9^c**
W13053—1 1/4" long, 3/8" skirt. 3/8" rad. 10 for 63c. Your Cost Each **7^c**

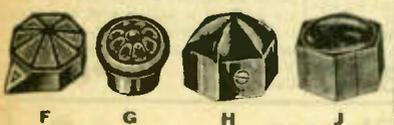
POPULAR BAKELITE KNOBS



These popular, handsome 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 1/4" shafts. For all purposes.

Type	Stock No.	Type	Diam.	Your Cost Each
K	W9653	K	1 1/2"	8c
N	W9654	L	1 1/2"	7c
O	W9657	M	1 1/2"	6c
	W9658	M	1 1/2"	7c
	W9659	N	1 1/2"	8c
	W9656	M	1 1/2"	7c
	W9885	O	1 1/2"	6c
	W9886	O	1 1/2"	5c

MODERN BAKELITE KNOBS



Similar construction to those listed above. Have attractive modernistic designs. Of molded Bakelite, with inserts for 1/4" shafts; set screw type. Type F is especially designed for use with midget receivers; the other types for general, all-purpose use.

Stock No.	Type	Diam. Inches	Your Cost Each
W9660	F	1 1/2"	6^c
W9652	G	1 1/2"	
W9691	H	1 1/2"	
W9692	J	1 1/2"	
		3/8"	
			10 for 45c

MODERN STYLE WOOD RADIO KNOBS

A complete selection of beautiful wood radio knobs for all types of receivers, test instruments, etc. All have brass inserts that insure perfect alignment. Steel set screws grip firmly. All for 1/4" shafts. Type C is black with a chromium inlay; types A and E are two-toned wood. All available in two sizes: 1 1/2" or 1 1/4" diameter. Select type desired from listing below:



Stock No.	Type No.	Stock No.
W9942	A	W9947
W9943	B	W9948
W9946	C	W9951
W9945	D	W9950
W9944	E	W9949

All 1 1/2" Knobs Your Cost Each **9^c**
10 for... 75c
100 for... \$7.20
All 1 1/4" Knobs Your Cost Each **8^c**
10 for... 70c
100 for... \$6.80

STANDARD PILOT LIGHT SOCKETS



Sockets for all requirements. All for miniature base pilot bulbs. Sturdily constructed; plated metal. 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	5^c
W6511—Type B	
W6512—Type C	
W6513—Type D	
W6514—Type E	

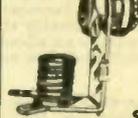
10 for 40c; 100 for \$3.50

MIDGET TRIMMERS

Extremely compact trimmers mounted on Bakelite strips. Ideal for use in short wave sets. Solder lug terminals. Capacity

Range	Your Cost Each
range 3 to 30 mfd.	6^c
W9775—You	
Same as above, but two trimmers on a single Bakelite strip. Range 3-30 mfd. each.	14^c
W9776—Your Cost Each	

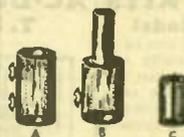
JEWELLED PILOT LIGHT BRACKETS



Excellent indicators for all types of circuits.
W6432—Red W6433—Green
W6434—Amber
Your Cost Each **15^c**
Same as above, but with a candelabra base

Stock No.	Your Cost Each
W6426—Red	20^c
W6428—Amber	
W6427—Green	10^c
W6430—Green	

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	Fig. No.	Purpose	Insul.	Stock No.	Brass
1/4" x 1/4"	A	Coupling		W15014	W15000
3/8" x 3/8"	A	Coupling		W15006	W15001
1/2" x 1/2"	A	Coupling		W15008	W15002
3/4" x 3/4"	B	Extender		W15017	W15004
1" x 1"	B	Extender		W15018	W15005
1 1/4" x 1 1/4"	B	Extender		W15009	W15003
10 for			83c		
100 for			\$8.15		
Your Cost Each, Any Type					9^c

SPLIT BUSHING

Fig. C. For increasing shaft diam. from 1/4" to 3/8". Brass, 1/2" long.
10 for... 35c
W9730—Your Cost Each **5^c**

FIBRE AND BRASS SHAFTING

Full length, and straight, 1/4" diameter.
W15010—Brass 6" long. Your Cost... 10c
W15011—Fibre 6" long. Your Cost... 14c
W15012—Brass 12" long. Your Cost... 14c
W15013—Fibre 12" long. Your Cost... 19c



DIALS

NEW TWO-SPEED "BAND-SPREAD" AIRPLANE DIAL



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. Clockwise rotation.

Shipping weight 2 lbs.
W14221—Your Cost Each

\$2.25

SPECIAL AIRPLANE DIAL

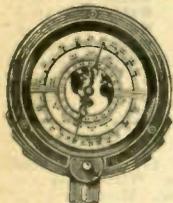
A highly attractive full-vision airplane dial at an exceptionally low price. Has a 2 1/2" diameter dial protected by a glass lens. Ratio 5 to 1 in 360 degrees. Double edged pointer covers both scales; easy to read. Upper scale graduated from 550 to 1600 kc.; lower scale calibrated from 0 to 100. Takes 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. Available for either clockwise or counter-clockwise rotation. Shipping weight 1 lb.

W9912—Clockwise rotation
W9911—Counter-clockwise rotation
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.

W9873—Clockwise rotation
W9880—Counter-clockwise rotation
Your Cost, Either Type

\$1.75

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.



Counter clockwise rotation.

4 1/2" 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 Each

\$1.19

6" Diameter Dial

Calibrated: 550 to 1600 kc., 1700 to 5000 kc., 5.3 to 15 mc. Shpg. wt. 2 lbs.

W9890—Your Cost Each

\$1.75

"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—Clockwise rotation
W9907—Counter-clockwise rotation
Your Cost, Either Type

\$1.49



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 1/2"; with escutcheon; shpg. wt. 1 lb. clockwise rotation.

W9905—Your Cost

69¢



Airplane Dials 6 to 1 Ratio

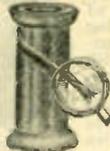
Improved type. Affords a ratio of 6 to 1 in 180°. Two scales on a translucent dial; upper scale calibrated from 0 to 100, and lower scale from 100 to 0. Knife edge pointer covers entire scale. For 1/4" and 3/8" shafts. Diameter of scale 3 1/4".

With escutcheon. Shpg. wt. 1 lb.

W9818—Clockwise rotation
W9819—Counter-clockwise rotation
Your Cost, Either Type

98¢

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 No.	Strand Feet	Your Cost	Stock No.	Strand No.	Strand Feet	Your Cost
W9933	42	5	\$0.20	W9936	16	5	\$0.06
W9934	42	25	.74	W9937	16	25	.22
W9935	42	50	1.39	W9938	16	50	.36
W9872	42	100	2.50	W9881	16	100	.59

LINEN DIAL CABLE

Finest black linen braided cord. Breaking strength 200 lbs. per ft.

W9939	5 ft.	25¢
W9940	25 ft.	88¢
W9941	50 ft.	\$1.65
W9882	100 ft.	\$2.90

EXACT DUPLICATE 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	.24
Kolster	43, 44	W9845	.30
Majestic No. 1	70, 71, 72	W9847	.12
Majestic No. 2	70, 71, 72	W9848	.09
Majestic	52, 60	W9925	.13
Philco	71	W9927	.13
Philco	91	W9928	.13
RCA	46, 64, 67	W9852	.18
RCA†	16, 17, 18, 33	W9853	.12
Spartan	All	W9854	.18
Steinite	All	W9855	.18

* Heavy cord with heads on ends; springs.
† Linen cord.

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. Counter-Clockwise rotation.



Stock No.	Diam.	Ratio	Your Cost
W14150	2 3/8"	6 1/2 to 1	\$0.70
W14151	3 1/4"	8 1/2 to 1	.79
W14152	3 3/8"	10 to 1	1.10
W14153	4 1/16"	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 3/8". For use with both 3/8" and 1/4" condenser shafts. No necessity for special cabinet cutout—

will fit standard 3 3/8" round opening. Has a positive friction drive that will not wear. Complete with bronze escutcheon. Shpg. wt. 1 lb.
W9908—Clockwise rotation
W9910—Counter-clockwise rotation
Your Cost, Either Type

95¢

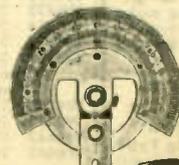
Kurz-Kasch Dials

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 counter-clockwise rotation. Shpg. wt. 1 lb.



Stock No.	Calibration	Size	Your Cost Each
W9806	0-100-0	3"	39¢
W9803	200-0*	4"	45¢
W9804	0-200*	4"	
W9805	100-0-100	4"	

FAN TYPE DIAL



Outside diameter dial 4". Fits 1/4" and 3/8" condenser shafts. Celluloid scale. Has pilot light socket. Escutcheon plate 2 3/4" high by 2 3/8". Shpg. wt. 1 1/2 lbs.

W9813—Clockwise, 0-100
W9815—Counter-clockwise, 100-0
Your Cost Each

45¢

W9814—Escutcheon plate only (extra).
Your Cost Each

12¢

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.

We Will Not Knowingly Be Undersold



YAXLEY RADIO PRODUCTS

APPROVED RADIO PRODUCTS

YAXLEY Midget Jacks

Extremely compact. Mount in $\frac{3}{8}$ " hole. Type A-1 "Infant" jack is not illustrated.



Stock Part 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



Compact, extend only $\frac{1}{4}$ " behind the panel. Heavily plated aprings.

No. 701.	Open Circuit	
W6450	Your Cost	23c
W6451	No. 702. Circuit closing.	
W6435	No. 702B. Three circuit microphone.	
Your Cost, Either Type		32c
No. 703—Single circuit filament control.		
W6452	Your Cost	38c
No. 704. Interstage.		
W6453	Your Cost	44c
No. 706. Interstage filament control.		
W6448	Your Cost	56c

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

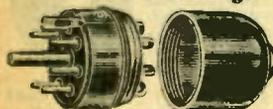
W6407—Bakelite Your Cost Each 41c

Aerial, Ground and Duplex A.C.



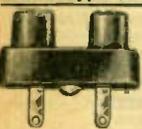
No. 216—Has two pin tip jacks and two a.c. receptacles. With two tip plugs. Shpg. wt. 1 lb. W6414—Brass W6415—Bakelite Your Cost Each 65c

YAXLEY Pin Plugs



Bakelite insulation, polarized plugs. Positive spring contacts. W6375—No. 636. 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. 11—S.P.D.T. W13035 Your Cost 18c

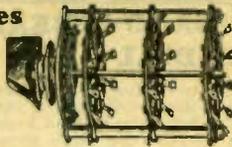
Midget Jack Switches

Require little space. With knob, pointer and on-off plate. $\frac{1}{8}$ " hole mount. No. 10—S.P.S.T. W6446 Your Cost 29c No. 11—S.P.D.T. W6447—Your Cost 38c



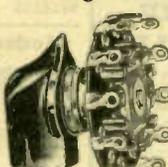
YAXLEY Gang Switches

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 $\frac{3}{8}$ " and extend $\frac{1}{8}$ ". Pointer type, bakelite knob supplied.



SINGLE GANG SWITCHES		Your Cost Each
Shorting Stock No.	Non Shorting Stock No.	
W6247	W6263	1 Circuit. 1 to 6 points. 59.59
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		
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		
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		
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

Type "2700" Single Gang Combination



Switch Especially designed for use in dual wavereceivers. Come complete with bar knob, but less escutchion plate.

W6374—No. 2742. Any combination from s.p.s.t. to 4-pole double throw. Diameter $1\frac{1}{2}$ " ; bushing $\frac{3}{8}$ ". Shaft $\frac{1}{8}$ " long. Extends $\frac{1}{2}$ " behind panel. Your Cost Each 44c

W6373—No. 2762. Same as above, but combinations from s.p.s.t. to 6-pole double throw. Diameter 2", shaft $\frac{3}{8}$ " long. Your Cost Each 59c

YAXLEY Junior Jack Switches



Jack Switch lies parallel with panel.

Furnished complete with bakelite knob; on-off plate. Mounts in $\frac{3}{8}$ " hole, up to $\frac{1}{4}$ " thick, $1\frac{1}{4}$ " deep.

Two Position Switches			
Stock Part No.	Type	Your Cost	
W6471	730 S.P.D.T.	.50	
W6472	740 D.P.S.T.	.56	
W6473	745 6-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)			
W6440	732 S.P.D.T.	.50	
W6441	762 D.P.D.T.	.70	
W6442	763 3-P.D.T.	.91	
W6443	764 4-P.D.T.	1.15	

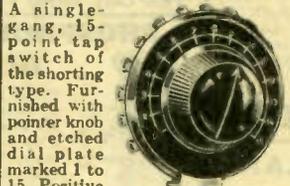
Insulated Tip Jack



No. 422—Bakelite. Phone tips nest all the way in jack. Mount in $\frac{1}{8}$ " hole. W6505—Red W6506—Black

W6507—Green Your Cost Each 9c W6508—Yellow Per Pair, 1-red 1-black W6467—Your Cost 15c

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 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 71c

W6465—No. 2006. D.P.D.T. Your Cost Each 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 $\frac{1}{8}$ " thick. 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

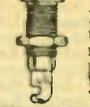
Hard aluminum with numbers etched in white. Fit $\frac{1}{8}$ " bushings. Plates with on-off position for use with switches. Others for use with step type controls and similar units.



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



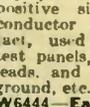
No. 416—Round head type. Tinned lug terminal. Mount in a $\frac{1}{8}$ " panel hole. W6437—Your Cost 6c

YAXLEY Pup Jack



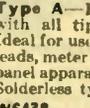
No. 417—Nickel plated brass. Used for speaker connections, battery leads, etc. Mounts in a single $\frac{1}{8}$ " hole. W6455 Your Cost Each 6c

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 $\frac{3}{8}$ ". 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 Each 5c Type B

Type B—Same as above, but with short tip. W6439 Your Cost Each 6c

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 75A 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.	25c
W16831	S.P.D.T.	32c
W16832	D.P.S.T.	36c
W16833	D.P.D.T.	44c
W16834	3-P.S.T.	62c
W16835	3-P.D.T.	63c
W16836	4-P.S.T.	73c
W16837	4-P.D.T.	79c

Midget Knife Switches



Adapted for either base or panel mounting. Have black Bakelite bases, nicked brass parts. Single pole types $1\frac{1}{2}$ " 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 a.m.p.s., 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.

Stock No.	Your Cost
W12849	14c

Canopy Switch

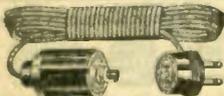


Rotary type, composition top. Very shallow. Wire leads. Rated 3 a.m.p.s. at 125 volts.

Stock No.	Your Cost
W13342	8c

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.

Stock No.	Your Cost
W13319	60c

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 a.m.p.s. at 250 volts; double pole units rated 2 a.m.p.s., 250 v. Stems $1\frac{1}{2}$ " diam.

Stock No.	Type	Your Cost
W12836	$\frac{1}{4}$ " stem Single Pole-Single Throw	17c
	Your Cost, Each	\$1.90
	Per Dozen	
W12835	1" stem Single Pole-Single Throw	19c
	Your Cost, Each	\$2.04
	Per Dozen	
W12834	$\frac{1}{2}$ " stem Single Pole-Double Throw	20c
	Your Cost, Each	\$2.21
	Per Dozen	
W12835	$\frac{1}{2}$ " stem Double Pole-Double Throw	37c
	Your Cost, Each	\$3.90
	Per Dozen	
W12817	$\frac{1}{2}$ " stem Double Pole-Single Throw	32c
	Your Cost, Each	\$3.70
	Per Dozen	

C-H POWER SWITCHES



Heavy duty switches for amplifiers, motor control, etc. Ratings given are at 250 volts a.c. $1\frac{1}{2}$ " bushings.

Stock No.	Type	Ratings	H.P.	For 10 Ea.
W12813	S.P.S.T.	5 amperes	35c	\$3.20
W12814	D.P.S.T.	5 amperes	39c	3.50
W12815	S.P.S.T.	10 amperes	59c	5.05
W12816	D.P.S.T.	10 amperes	65c	5.95

Binding Posts

Spring Clamp Binding Posts

Insulated top. Spring clamp holds wire. Overall length 1".

W13046	Blank (no mk.)	5c
W13047	Marked ANT	
W13048	Marked GND	



Spring Clamp Binding Post Assembly

Posts mounted on Bakelite strip 2" long, $1\frac{1}{2}$ " wide. Mounting hole centers $1\frac{1}{2}$ ". Posts marked "ANT" and "GND".

Stock No.	Your Cost
W13049	12c



Tip Jacks

Mounted on Bakelite. Contact springs grip cord tips securely. Supplied plain—no marking.

W13037	Double Jack	5c
W13036	Triple Jack	7c

Insulated Posts

Red or black composition top. Plated ferrule. Specific color.

W13163		5c
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Non-Removable Top Binding Post

With grommets. Stud has hole. $\frac{1}{2}$ " long (closed)

W13003	Red	8c
W13001	Black	

Colored Twin Tip Jack

Colored insulation; one red and one black tip jack. Centers $1\frac{1}{2}$ ".

W12936		12c
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Rotary Switches



S. P. S. T. Approved by the Underwriters. Bakelite encased. 3 a.m.p.s., 125 V. $1\frac{1}{2}$ " shaft for knob.

W12838		14c
	Each	
	Per Dozen	\$1.59

Single Pole—Triple Throw

Exposed type. Dead center position. $\frac{1}{2}$ " shaft, with hex nut.

W12831		75c
	Each	
	Per Dozen	\$8.50



Single Pole—Double Throw

Similar to above. $\frac{1}{2}$ " shaft.

W12832		25c
	Your Cost Each	
	Per Dozen	\$2.75

"On-Off" Switch Plates

Heavily nickel plated. With locating projection. Marked "on" and "off".

W12818		2c
	Your Cost Each	
	Per Dozen	20c

H. & H. Rotary Panel Switches

Rated 3 a.m.p.s., 125 volts. Approved type. For use with knob. Cadmium plated solder lug terminals. Furnished with locknuts. Mounting sleeve $\frac{3}{8}$ " diam. Shaft extends 1" beyond the threaded sleeve.



Stock No.	Type	Sleeve Length	Your Cost
W12779	S.P.S.T.	$1\frac{1}{2}$ "	17c
W12780	S.P.S.T.	$1\frac{3}{4}$ "	22c
W12781	D.P.S.T.	$1\frac{1}{2}$ "	39c
W12782	D.P.S.T.	$1\frac{3}{4}$ "	44c
W12783	D.P.D.T.	$1\frac{1}{2}$ "	44c
W12784	D.P.D.T.	$1\frac{3}{4}$ "	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 $1\frac{1}{2}$ " diameter and $\frac{1}{2}$ " long. In three standard types shown below.



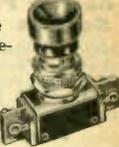
Metal Plunger
Used on Supreme instruments and other makes.

W12774		31c
	Your Cost	
	10 for	\$2.79

Bakelite Button Type

With concave Bakelite button.

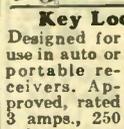
W12775	Red	40c
W12776	Black	
	Your Cost	
	10 for	\$3.60



Bakelite Tip

Supplied with a narrow Bakelite tip at the end of the plunger.

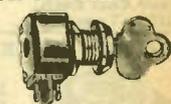
W12777	Red	32c
W12778	Black	
	Your Cost	
	10 for	\$2.88



Key Lock Switches

Designed for use in auto or portable receivers. Approved, rated 3 a.m.p.s., 250 volts.

W6221	S. P. S. T.	42c
W6222	D. P. S. T.	49c



EBY Twin Post Units

On laminated strips, marked "ANT" and "GND".

W13062		15c
	Your Cost	
	Similar to above, but triple post marked "LANT", "SANT", and "GND".	18c
W13063		

Screw Binding Post Terminal Strip

Two knurled head screws mounted on 2" Bakelite plate. Non-removable. Centers $1\frac{1}{2}$ ". No markings.

W13006		6c
	Your Cost Each	

Heavy Metal Binding Post

Nickel plated brass. Approximately 1" high.

W12946		6c
	Your Cost Each	
	Per Dozen	60c

Binding Post Top

Made of molded Bakelite. Has brass insert with $\frac{1}{8}$ " high, $\frac{1}{2}$ " diameter. Knurled finger grip. In black only.

W13081		2c
	Your Cost Each	

EBY Model 34 Wave Band Switch

A compact wave band switch with silver plated, self-cleaning contacts. Positive indexing and low capacity. Shaft $\frac{1}{2}$ " long, $\frac{1}{8}$ " diameter. Bushing $\frac{3}{8}$ ".

Stock No.	Type	Your Cost
W12785	S.P.S.T.	18c
W12786	S.P.D.T.	
W12787	D.P.S.T.	21c
W12788	D.P.D.T.	
W12789	3-P.S.T.	24c
W12790	3-P.D.T.	
W12791	4-P.S.T.	27c
W12792	4-P.D.T.	

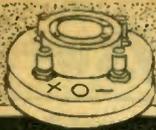


Bakelite Surface Switch

Bakelite cover will not tarnish and provides perfect insulation.

W13315		14c
	Your Cost	
	Carton of 10	\$1.25



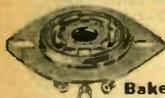


Sockets



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 1 1/2 to 2" mounting centers. Bakelite sockets for standard radio work; Steatite sockets especially well suited for high frequency apparatus.

BAKELITE		Your Cost
Stock No.	Prongs	Each
W13057	Four	7c
W13058	Five	
W13059	Six	
W13061	7, small	
W13060	7, large	
W13050	8, octal	9c

STEATITE		Your Cost
Stock No.	Prongs	Each
W13194	Four	24c
W13195	Five	
W13196	Six	
W13197	7, small	
W13198	7, large	
W13199	8, octal	29c

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 1 1/2" mounting centers; standard size sockets have 1 1/4" 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		
Stock No.	Prongs	Your Cost Each
W13070	Four	5c
W13078	Five	
W13071	Six	
W13069	7, small	
W13074	7, large	
10 For		45c

Midget Size		
Stock No.	Prongs	Your Cost Each
W13114	Four	5c
W13115	Five	
W13121	Six	
W13122	7, small	6c
W13125	7, large	
W13127	8, octal		55c

No. 12 EBY Sockets



Molded Bakelite. For sub-panel or top of panel mounting. Sturdily constructed.

Stock No.	Prongs	Your Cost Each
W13072	4	15c
W13073	5	
W13076	6	22c
W13077	7 L & S	
W13079	8 Octal	

Bakelite Combination Base or Panel Mount Sockets

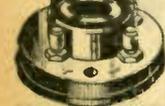
Molded of black Bakelite. Phosphor bronze contacts. Top is grooved.



Standard Sockets		
Stock No.	Prongs	Your Cost Each
W13090	4	14c
W13091	5	
W13092	6	15c
W13093	7, small	
W13094	7, large	19c
W13080	8, octal	
		23c

Combination Sockets		
Stock No.	Prongs	Your Cost Each
W13095	Comb. 4, 5, 6 prong.	25c
W13096	Comb. 5, 6, small 7 prong.	

NA-ALD BASE MOUNT Sockets



For bread-board mounting. Of molded Bakelite with binding post terminals. All connections plainly marked. 1 1/2" centers.

Stock No.	Prongs	Stock No.	Prongs	Your Cost Each
W11692	4	W11695	7 small	21c
W11693	5	W11696	7 large	
W11694	6			

Bakelite Speaker Plugs

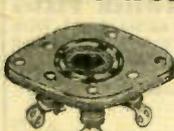


With Sure Grip Handles



Female Stock Your No. Cost		Male Stock Your No. Cost	
W11528	4	W11532	4
W11529	5	W11533	5
W11673	6	W11578	6
W11674	7 L	W11679	7 L
W11675	7 S	W11680	7 S
W11676	8	W11672	8

ISOTEX Sockets



Low loss. Top and sides glazed. Re-enforced springs. 2 1/2" long, 1 1/2" wide. Centers 1 1/2".

Stock No.	Prongs	Your Cost Each
W13064	4	25c
W13065	5	
W13066	6	27c
W13067	7 S	
W13068	8 octal	30c

Mycalex Sockets H. F. Tube

For high frequency transmitters. All prongs are plated and rigidly riveted.

Stock No.	Prongs	Your Cost Each
W13116	4 Prong	48c
W13117	5 Prong	
W13118	6 Prong	48c
W13119	7 Prong, small	
W13120	7 Prong, large	

Octal Base Speaker Plug

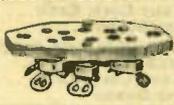
One piece construction. Molded locator pin simplifies plugging into any octal socket. Each conductor protected with molded insulation. W11751—Your Cost **9c**

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 **6c**

HAMMARLUND Isolatite Sockets

Glazed top and sides, rust proof contacts. 2 1/4" long, 1 1/2" wide.

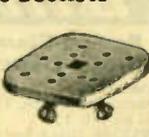


No.	Prongs	No.	Prongs
W8496	4	W8499	7 L
W8497	5	W8530	7 S
W8498	6	W8532	8 octal

Your Cost Each **35c**

NATIONAL Isolatite Sockets

These Isolatite sockets reduce losses to a minimum. Suitable for either standard sub-panel or baseboard mounting.



Stock No.	Prongs	Stock No.	Prongs
W14425	4	W14439	7 small
W14426	5	W14440	7 large
W14427	6	W14477	8 octal
W14428	Special 6-prong type for National coils.		

Your Cost Each **36c**

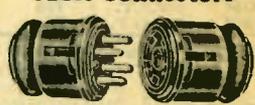
Plug and Socket Cable Connectors



Molded connectors designed to fit the standard tube sockets. Removable caps.

Stock No.	Prongs	Your Cost Each
W11666	4	9c
W11667	5	
W11668	6	15c
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. 1 1/4" diameter, 1 1/2" long. Ideal for P.A., theatre, radio, etc., work.

Cable Connectors

Stock No.	Prongs	Your Cost Each
W11471	4	15c
W11472	5	
W11473	6	
W11474	7 S	
10 For		\$1.40

Female Connectors

Stock No.	Prongs	Your Cost Each
W11475	4	15c
W11476	5	
W11477	6	
W11478	7 S	
10 For			$1.40

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 1 1/2", length 2 1/2". W11479—Your Cost, Per Pair **15c**

Rubber Capped Male and Female Plugs

Molded rubber. Standard socket arrangement of holes and prongs. Ideal for outdoor use. Handles 1" long.

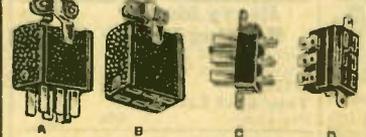
Male Stock Your No. Cost	Prongs	Female Stock Your No. Cost	
W11705	4	W11710	23c
W11706	5	W11711	25c
W11707	6	W11712	25c
W11708	7 S	W11713	28c

Two-Piece Connectors

Moulded bakelite shells. Standard tube socket connections. Prices for two-piece connector. W11697—4 Circuit Your Cost Each 15c W11698—5 Circuit Your Cost Each 15c W11699—6 Circuit Your Cost Each 15c

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.	Your Cost	Stock No.	Your Cost
W12400	37c	W12412	40c
W12401	45c	W12413	50c
W12402	54c	W12414	61c
W12403	62c	W12415	71c
W12404	70c	W12416	81c
W12405	79c	W12417	91c

Plug With Angle Bracket—Type C

Stock No.	Contacts	Your Cost
W12426	2	27c
W12427	4	31c
W12428	6	35c
W12429	8	39c
W12430	10	43c
W12431	12	48c

Flush Socket—Type D

Stock No.	Contacts	Your Cost
W12406	2	30c
W12407	4	36c
W12408	6	42c
W12409	8	48c
W12410	10	54c
W12411	12	60c



Nickel-Brass Machine Screws

6-32 Round Head Screws			
Stock No.	Length	Doz.	Gross
W14750	1 1/4"	3c	30c
W14751	1 1/2"	4c	38c
W14752	1 3/4"	5c	50c
W14753	1 3/4"	5c	50c
W14754	1 3/4"	6c	65c
8-32 Round Head Screws			
W14755	1 1/4"	4c	40c
W14756	1 1/4"	5c	48c
6-32 Flat Head Machine Screws			
W14760	1 1/4"	3c	30c
W14761	1 1/2"	4c	38c
W14762	1 3/4"	5c	50c
W14763	1 3/4"	5c	50c
W14764	1 3/4"	6c	60c
6-32 Oval Head Machine Screws			
W14770	1 1/4"	3c	30c
W14771	1 1/2"	4c	42c
W14772	1 3/4"	5c	50c
W14773	1 3/4"	5c	50c
W14774	1 3/4"	6c	60c

Cadmium-Plated Steel Machine Screws & Nuts

6-32 Round Head Steel Screws			
Stock No.	Length	Per 100	Per 1000
W14922	1 1/4"	11c	\$0.98
W14923	1 1/2"	12c	1.10
W14924	1 3/4"	13c	1.17
W14925	1 3/4"	14c	1.26
W14926	1 3/4"	16c	1.50
W14927	1 3/4"	20c	1.80
8-32 Round Head Steel Screws			
W14928	1 1/4"	14c	1.26
W14929	1 1/2"	16c	1.50
W14930	1 3/4"	17c	1.60
W14931	1 3/4"	20c	1.80
W14932	1 3/4"	22c	2.05
W14933	1 3/4"	27c	2.43
Cadmium-Plated Steel Hex Nuts			
W14935	6-32x1 1/2"	12c	1.08
W14940	8-32x1 1/2"	16c	1.44

Nickel-Plated Brass Round Head Wood Screws

Stock No.	Size	Length	Doz.	Gr.
W14780	4	3/4"	4c	40c
W14781	4	5/8"	5c	50c
W14782	4	5/8"	6c	60c
W14783	4	5/8"	8c	80c

Hex Nuts, Knurled Nuts, & Washers, Nickel-Brass

W14804—6-32x1 1/2" hex. nuts. Envelope of 20; Net	5c	20c
W14805—8-32x1 1/2" hex. nuts. Envelope of 20; Net	5c	20c
W14806—6-32x3/4" hex. nuts. Envelope of 15; Net	5c	25c
W14807—8-32x3/4" hex. nuts. Envelope of 15; Net	5c	25c
W14808—6-32x3/4" knurled nuts. Envelope of 6; Net	5c	75c
W14809—No. 6 washers. Envelope of 25; Net	5c	20c
W14810—No. 8 washers. Envelope of 25; Net	5c	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.

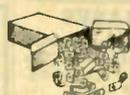
W14820—Your Cost 95c per Box.

Self-Tapping Screw Assortment

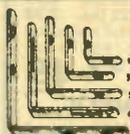


Forty of the most commonly used sizes in modern receivers. Uses no nuts, merely start hole and drive through. Used in many standard receivers. **W14687—Box of 40. Your Cost 29c**

Assorted Brackets



Box of 28 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. **Your Cost**

Stock No.	Size	Ea.	For 10
W14895	1/2x1 1/2"	1c	8c
W14896	3/8x1 1/2"	1 1/2c	12c
W14897	1 x1 1/2"	2c	16c
W14898	1 1/8x1 1/2"	2 1/2c	22c
W14899	1 1/2x1 1/2"	3c	27c

Tinned Brass Lugs



Insulate holes in metal panels, chassis, electrical appliances, etc. **W14765** 1/4" x 1/2" 8c 52c
W14766 3/8" x 1/2" 14c 59c
W14767 1/2" x 1/2" 16c 64c
W14768 3/4" x 1/2" 19c 69c
W14769 1" x 1/2" 20c 72c

W14812—No. 1. W14813—No. 2. W14814—No. 3, solderless type. W14816—No. 4, 3/8" long. W14818—No. 5, 1/2" long. Your Cost per 100, Any Type Lug 18c

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—Per 10 5c Your Cost per 100 35c**

Tapered Lugs

Fits over all screws up to No. 10; Shank fits banana plugs. 1/4" long, 1/8" wide. Cut for easy soldering. **W12954—Per Dozen 12c 50 for 40c**



Wing Nuts

Brass, nickel-plated. Have numerous uses. **Stock No. Thread Each**

W12926	6-32	3c
W12927	8-32	3c
W12928	10-32	3c
W12929	1/4-20	3c

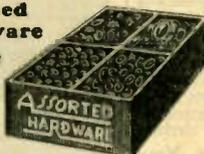
Per 100 52.79

Switch Points and Stops

Brass, nickel-plated. **W14784—Points. W14785—Stops. Either Type, Per Doz. 8c**

Assorted Hardware

For a 2-lb. Kit **45c**



A big assortment for the serviceman, of assorted screws, nuts, washers, eyelets, lugs, brackets, etc. (3 1/2 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—1/8" to 3/8". Kit "B" contains 30 assorted grommets in 5 standard sizes—1/8" to 1/2". **W14794—Assortment "A." 9c Your Cost**

W14795—Assortment "B." 26c Your Cost

Rubber Grommets

Insulate holes in metal panels, chassis, electrical appliances, etc. **Stock No. Fits Inside Per Doz. Per 100**

W14765	1/4"	3/8"	8c	52c
W14766	3/8"	1/2"	14c	59c
W14767	1/2"	3/4"	16c	64c
W14768	3/4"	1"	19c	69c
W14769	1"	1 1/4"	20c	72c

Colored Grommets

Hard insulating composition; with knurled nut; in red or black. For instruments and where drab appearance is desired. **Red Black Hole Diam. L.**

W14688	W14689	3/8"	3/8"	3/8"
W14690	W14691	1/2"	1/2"	1/2"
W14692	W14693	3/4"	3/4"	3/4"
W14694	W14695	1"	1"	1"

Your Cost Each, Either Color 4 1/2c

Your Cost Each, Either Size 5c

1/4" Brass Spacers

For raising components above chassis or away from panel. All pass, Nos. 4, 6 and 8 screws. **Stock No. Height Inches Your Cost For Ten**

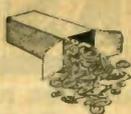
W9868	1/8"	12c
W9869	1/4"	15c
W9870	3/8"	17c
W9871	1/2"	20c

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 1/4", 3/8" and 1/2" 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. **W15020 1" 10c**
W15021 3/4" 10c
W15022 3/8" 10c
W15023 1/2" 10c

Fibre Washers—Shoulder Type

W15030 3/8" 3/8" 8c
W15031 1/2" 1/2" 8c
W15032 3/4" 3/4" 8c

Flat Bakelite Washers

W15030 3/8" 3/8" 8c
W15031 1/2" 1/2" 8c
W15032 3/4" 3/4" 8c

RIVETING PUNCH

When used with anvil listed below will permit replacing broken rivets and making a factory-type repair. 3/8" diameter, 5 1/2" long. **W15280—Your Cost 50c**

Off-Set Riveting Anvil

Makes a complete unit to replace broken rivets when used with above punch. **W15281—Your Cost 70c**

W15297—Rivets for above set. Package of 100. Your Cost 30c

Bakelite Assembled Terminal Strips

Screw and collar terminals mounted on 1/2" Bakelite strips, 7/8" wide. Nickel-plated hardware. With end holes drilled for mounting. **Stock No. Terminals Mfg. Centers Your Cost**

W13140	2	1 1/2"	8c
W13141	3	2"	11c
W13142	4	2 1/2"	15c
W13143	5	3 1/2"	19c
W13144	6	4"	22c

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	3/4"	10c
W14824	Single	1"	12c
W14825	Double	1 1/2"	27c
W14826	Double	1 3/4"	30c

Ornamental Top Bronze Finished Machine Screws

Stock No. Size Length Per Doz.

W14680	6-32	3/4"	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



RACKS • PANELS • CABINETS

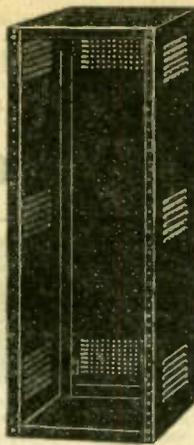
STANDARD TYPE RELAY RACKS



Constructed of $\frac{1}{8}$ " steel, with spot welded corners. Finished in black crystalline lacquer. Racks are for use with standard 19" long panels, and are drilled for mounting holes every $1\frac{1}{4}$ ". Base, 16" deep, 19 $\frac{3}{4}$ " wide. Holes tapped for 10-32 thread. Substantially braced base to prevent wobble and to keep units in correct alignment. Ideal for use with all types of transmitters or for public address systems. These racks are the same as those used in our own transmitters, and are extremely popular in amateur circles.

Stock No.	Height	Shpg. Wt.	Your Cost
W22150	72"	60 lbs.	\$10.25
W22151	36"	30 lbs.	8.25

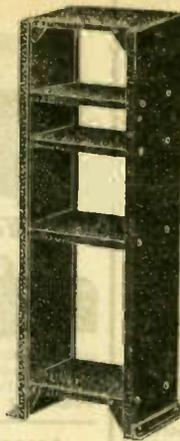
Enclosed Relay Racks



Heavy steel, finished in black crystalline lacquer. Holes drilled for standard 19" panels every $1\frac{1}{4}$ ". 10-32 thread holes. Screen perforations in back and side louvres provide good ventilation. Both sizes measure 20 $\frac{1}{4}$ " wide and 15" deep; but No. W22153 is 6 ft. high and No. W22154 is 3 ft. Shipped in knocked-down form, complete with all nuts, bolts, washers. Easy to assemble.

Stock No.	Height	Shpg. Wt.	Your Cost
W22153	120"	220 lbs.	\$22.50
W22154	75"	175 lbs.	17.75

SECTIONAL P. A. RACKS



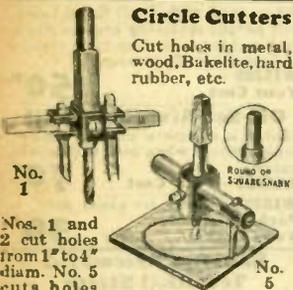
For any type of apparatus. Furnished with three shelves in addition to bottom shelf. Rack stands 5 feet high, 19 $\frac{1}{4}$ " wide and 12 $\frac{1}{4}$ " deep. Channel construction permits hiding unsightly wires. All corners reinforced with steel braces. Shipped "knocked-down" with all hardware. Black lacquer. Shpg. wt. 60 lbs.

Your Cost \$9.50

Additional steel shelves; Wt. 7 lbs. W22159—Your Cost ... 90c

Circle Cutters

Cut holes in metal, wood, Bakelite, hard rubber, etc.



No. 1 and 2 cut holes from 1" to 4" diam. No. 5 cuts holes from 1" to 5" in diam. No. 1 has an extra beading cutter attached.

W14717—No. 1
W14713—No. 5-round shank
W14715—No. 5-square shank
Your Cost, Either Type... **\$1.88**
W14718—No. 2—Your Cost \$1.10
W14716—Extra blades. Each... 24c

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.	Dimens.	Shpg. Wt.	Your Cost	Stock No.	Dimens.	Shpg. Wt.	Your Cost
W22155	8x17x2"	14 lbs.	\$1.60	W22156	11x17x3"	20 lbs.	\$1.95
W22229	8x17x3"	15 lbs.	1.75	W22231	11x17x2"	19 lbs.	1.80
W22230	15x17x2"	21 lbs.	2.10	W22232	13x17x3"	22 lbs.	2.30

Cadmium Plated Chassis. Similar to the above, but steel cadmium plated. Size 17" long, 11" wide and 2 $\frac{1}{4}$ " deep. Shpg. wt. 18 lbs. **Your Cost \$2.45**

BLACK CRYSTALLINE STEEL PANELS

These standard panels are 19" long, and will fit the relay racks described above. Constructed of $\frac{1}{8}$ " steel with black crystallized lacquer finish. Available in twelve standard sizes to fill practically every requirement.

Stock No.	Width	Shpg. Wt.	Your Cost	Stock No.	Width	Shpg. Wt.	Your Cost
W22169	1 $\frac{1}{4}$ "	2 lbs.	\$0.50	W22163	12 $\frac{1}{4}$ "	12	\$1.30
W22170	3 $\frac{1}{4}$ "	5	.58	W22164	14"	13	1.50
W22171	5 $\frac{1}{4}$ "	7	.66	W22165	15 $\frac{1}{4}$ "	14	1.75
W22160	7"	8	.70	W22166	17 $\frac{1}{4}$ "	15	1.95
W22161	8 $\frac{3}{4}$ "	9	.90	W22167	19 $\frac{1}{4}$ "	16	2.06
W22162	10 $\frac{3}{4}$ "	10	1.10	W22168	21"	17	2.30

Will also fit cabinets shown at right. For those desiring an easier working material. Standard panels of $\frac{1}{4}$ " aluminum fit relay racks described above and cabinets at right. Available with black crystallized lacquer finish.

Stock No.	Width	Shpg. Wt.	Your Cost	Stock No.	Width	Shpg. Wt.	Your Cost
W22202	5 $\frac{1}{4}$ "	2 lbs.	\$1.35	W22204	8 $\frac{3}{4}$ "	3 lbs.	\$1.95
W22203	7"	2 lbs.	1.60	W22205	10 $\frac{3}{4}$ "	3 lbs.	2.50

STEEL BRACKETS

Used to re-enforce racks and panels. Of $\frac{1}{8}$ " steel with black crystallized lacquer finish. Panels must be at least 7" high. Mounting holes drilled. Shpg. wt. 3 lbs.

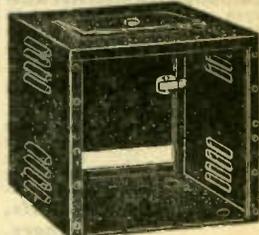
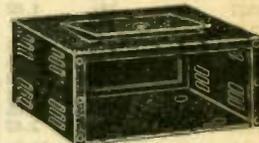
W15271—For 8" base **Your Cost, per Pair... 59c**
W15272—For 11" base **Your Cost, per Pair... 89c**

Meter Panels

Fit the standard racks. Of steel, with crystallized lacquer finish. All 19" long and 5 $\frac{1}{4}$ " high. For 3 or 5 meters, 2" and 3" type. Shpg. wt. 7 lbs.

Stock No.	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

Steel Cabinets for Rack Panels



Constructed of $\frac{1}{8}$ " steel, black crystalline lacquer finish. Take standard 19" rack panels. Rigid spot-welded joints; top and rear latch doors; ventilation louvres. Excellent housing for receivers, X-mitters, P.A. systems, etc., etc. Blank chassis listed on this page fit these cabinets.

W22194—Single panel cabinet. Top door, 8 $\frac{3}{4}$ " high x 12" deep. Shpg. Wt. 20 lbs. **Your Cost... \$4.50**
W22003—Single panel cabinet. Top door, 10" high for oversized panel, 12" deep. Shpg. Wt. 22 lbs. **Your Cost... \$5.45**
W22193—Cabinet for two panels. Top and rear doors. 17 $\frac{1}{4}$ " high x 13" deep. Shpg. Wt. 34 lbs. **Your Cost... \$7.90**
W22192—Cabinet for three panels. Door on rear panel. 26 $\frac{1}{4}$ " high x 13" deep. Shpg. Wt. 42 lbs. **Your Cost... \$8.25**

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 3/8" \$1.67
W15292 1/2" \$1.67
W15293 1 1/8" \$1.67
W15294 1 1/4" \$1.67
W15295 1 3/8" \$1.67
W15296—Set of 5 punches... \$7.45

BLANK CHASSIS

Template is lead-plated steel; Electroloy is a non-magnetic zinc alloy.



Stock No.	Size—Inch.	Shpg. Wt.	Your Cost
W22325	7x 9x2	3 lbs.	\$0.40
W22326	7x11x2	3 lbs.	.45
W22327	7x18x2	4 lbs.	.50
W22328	10x12x3	5 lbs.	.55
W22329	10x17x3	6 lbs.	.75
W22330	10x23x3	7 lbs.	.85

Stock No.	Size—Inch.	Shpg. Wt.	Your Cost
W22331	7x 9x2	3 lbs.	\$0.65
W22332	7x11x2	3 lbs.	.78
W22333	7x13x2	4 lbs.	.88
W22334	10x12x3	5 lbs.	.96
W22335	10x17x3	6 lbs.	1.23
W22336	10x23x3	7 lbs.	1.45

RADIO PANELS FOR ALL USES

Black hard rubber and Bakelite panels, $\frac{1}{16}$ " thick—odd sizes cut at 1 $\frac{1}{2}$ c per sq. in. Aluminum $\frac{1}{8}$ " thick odd sizes, 95c per sq. ft. Electroloy $\frac{1}{8}$ " thick—odd sizes, 1c per sq. in.

Size Ins.	Bakelite		Hard Rubber		Aluminum		Electralloy	
	Stock No.	Your Cost	Stock No.	Your Cost	Stock No.	Your Cost	Stock No.	Your Cost
7x10	W19600	\$0.90	W19630	\$0.54	W19660	\$0.44	W22310	\$0.35
7x12	W19601	1.15	W19631	.58	W19661	.54	W22311	.38
7x14	W19602	1.30	W19632	.68	W19662	.63	W22312	.47
7x18	W19603	1.60	W19633	.95	W19663	.85	W22314	.58
7x21	W19604	1.80	W19634	1.03	W19665	.95	W22315	.71
7x24	W19605	2.10	W19635	1.18	W19666	1.05	W22316	.79
7x30	W19608	2.57	W19638	1.75			W22317	.98

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	Shpg. Wt.	Your Cost
W22174	5 $\frac{1}{2}$ x6x5 $\frac{1}{2}$ "	3	\$0.69
W22175	5 x 9x6 $\frac{1}{2}$ "	5	.99
W22173	8 x 10x7"	6	1.19
W22176	8 x 10x10"	7	1.29
W22177	11x12x8"	9	1.69



SET BUILDERS ACCESSORIES

MALLORY Bias Cell



The ideal solution for the bias problem. Only 1 1/2" high, 3/4" in diameter. No current potential of 1 volt, plus or minus 10%. Lasts indefinitely. Does 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

Goodell-Pratt Scriber



Body knurled hollow steel tubing fitted with chuck so that point can be removed and reversed for carrying tool in pocket.

W15284 Your Cost **29c**

COUNTERSINK



A handy tool for shaping holes in panels of wood, Bakelite, fibre, etc. Shpg. wt. 1 lb.

W14950—Your Cost **12c**

BAKELITE TUBING



In natural smooth black. 1/4" thick wall.

Cut to your length, any size.

Stock No.	Out. Diam.	Per Foot	Per Inch
W13150	1"	34c	3c
W13151	1 1/4"	45c	4c
W13152	2"	55c	5c
W13153	2 1/2"	63c	6c
W13154	3"	74c	7c

Natural Tan Bakelite, 1/8" Wall

Stock No.	Out. Diam.	Per Foot	Per Inch
W13129	1 1/4"	25c	2 1/2c
W13130	1 1/2"	27c	2 1/2c
W13131	1 3/4"	32c	3c
W13132	2"	38c	3 1/2c

Aluminum Corner Post



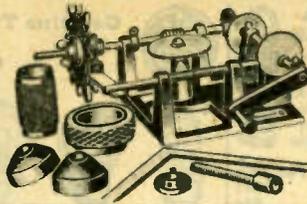
Six inches long, grooved for 1/4" aluminum. Tapped at each end to fit #2 machine screws. Shpg. wt. 1 lb.

W14954—Your Cost Ea. **18c**

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**



TUBE SHIELD JACKETS



Will form-fit all dome type (ST) tubes. Complete with bases for wafer sockets with mounting holes 1 1/2" to 1 3/4" apart. Bodies consist of two identical shells that hug tube shape exactly, thus saving space.

W13255—For ST14 bulbs with or without cap: 24A, 35, 2A5, 01A, 22, 26, 32, 34, etc. Comprises two halves with grounding clip.
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 **6c**
Your Cost Per 100 **\$5.00**



"ST" Type Tube Shields



For 56, 57, 58, etc., type tubes. Three pieces. Both long (covering tube) and short (cap projects) types. Barrel diameter 1 1/4". Made of natural bright aluminum. Affords maximum ventilation. Shpg. wt. 1 lb.

W13265—3 3/4" high. **10c**
Your Cost Each
Lots of 10. Each **9c**
W13266—3 1/2" high. **9c**
Your Cost Each
Lots of 10. Each **8c**

Aluminum Coil Shields

Detachable base, permits quick removal of top.

W12639—2 1/2"x3" high. **10c**
W12640—2 1/2"x3 1/2" high. **10c**
Your Cost, Either Type



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 **5c**
Per Dozen **40c**

NATIONAL Coil Shields

Available in 2 types. Type A is of one-piece aluminum, 3 1/4" high, 2 1/2" diameter with 2 1/2" mounting.

Type B has base drilled for wire connections. Shield fits on base by 2 set-screws; 3 3/4" high, 3" in diameter. Shpg. wt. each 1 lb.

W13527 Type A **21c**
Your Cost Each
W13256 Type B **30c**
Your Cost Each

"Easy-To-Remove"

Aluminum Coil Shield

Can lock to base with a bayonet thread, 2 1/4" in diameter, 2 1/4" high including base. Holes in base for leads. Of bright aluminum.

W12648—Each **10c**
For 10. **85c**



Aluminum Coil Shield

Bright finish aluminum. One piece. Holes near bottom for bolts.

W12649—2 1/4"x2 1/4" high. **9c**
W12650—2 1/4"x4" high. **9c**
Your Cost Either



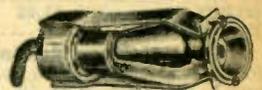
RCA Cathode-Ray Tuning Indicator



Easily installed in any receiver employing automatic volume control. The complete kit comprises a RCA 6E5 electron-ray tube, a socket and 24" cable, eye-type escutcheon, all necessary hardware and complete instructions.

W11482—Your Cost, Complete **\$1.80**

Cathode-Ray Visual Tuning Indicator



Affords a visual indication of correct hairline tuning. Easy to install in any set using a.v.c. Assembly comprises everything needed for complete installation.

W11480—Less tube. **75c**
Your Cost
RCA 6E5 tube (6-volt) **88c**
Type 2E5 tube (2 1/2-volt) **78c**
Extra mounting bezel for tube. **10c**
W11481—Each

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.

W14829 2 oz. **5c**
W14842 4 oz. **8c**
W14843 8 oz. **15c**
W14844 8 oz. **\$1.40**

W15040 4 oz. **12c**
W15041 8 oz. **25c**

Fibre Tubing for Coils

Finest quality fibre tubing for coil forms. Have holes for taps and connections.

W10230—2 1/2"x1 1/4". **1c**
Your Cost Each

Liquid Vietron

The famous Vietron H.F. insulation in liquid form for coating r.f. coils. Dries quickly.

W15260—1-ounce can **21c**
Your Cost
W15308—8-ounce can **76c**
W15275—1-pint can **\$1.47**

Crystalline Lacquer

For touching up and refinishing metal panels, chassis. Black.

W15269—2-ounce can **21c**
Your Cost
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 **76c**
Your Cost
W15311—8-ounce can **21c**
W15312—1-pint can **\$1.47**

Q-Max Impregnants and Finishes

No. 3 R.F. Lacquer

This compound is the most widely used r.f. lacquer in the radio industry. Being low in loss it may be applied as freely as desired.

W15298—1/8 pint can **25c**
Your Cost
W15299—1 pint can **\$1.50**
Your Cost



Crystalite Black

Here at last is a quick-drying black finishing lacquer that develops a fine crystal-like pattern without heating! No particular skill is needed in applying.

W15302—1/8 pint can **25c**
Your Cost
W15303—1 pint can **\$1.25**
Your Cost

Wrinkle Black

This product was developed for use in finishing metal details where a fine wrinkled surface is required. Heavily bodied, Q-Max Wrinkle Black is lasting.

W15304—1/8 pint can **25c**
Your Cost
W15305—1 pint can **\$1.25**
Your Cost

Telephone Black

Q-Max "telephone black" is a semigloss lacquer having substantially the same degree of lustre as the finish on telephone instruments. It does not soil readily, and is self-leveling.

W15300—1/8 pint can **25c**
Your Cost
W15301—1 pint can **\$1.25**
Your Cost

NATIONAL Coil Dope

For use as a cement for holding windings in position. Does not effect low-loss features of coil form or alter circuit constants. Provides a tough, protective film. Contained in metal can. Shpg. wt. 1 lb.

W15237—Your Cost **90c**

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 **30c**

Mail Your Orders to NEW YORK, CHICAGO or ATLANTA

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	69c
W12252	46	6.3	.25	9c	53c
W12254	40*	6.3	.15	9c	53c

*"Brown bead" type for a.c.-d.c. sets.

Special Air-Cell Bulb

Tubular bulb, miniature base. Exceedingly low drain, 0.06 ampere, at 2 volts.

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.

W12273—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	\$2.72
W21901	B	2 amps. new	
W21902	C	2 amps. old	
W21903	D	6 amperes	
W21911	D	15 amperes	\$10.29

TUNGAR-TYPE BULBS

W21905—0.6 amp. bulb for trickle chargers. Shpg. wt. 1 lb.

Your Cost Each **\$1.80**

W21906—2-amp. bulb with tip. **\$1.80**
Your Cost Each **\$1.80**

W21907—2-amp. bulb without tip **\$1.80**
Your Cost Each **\$1.80**

W21908—6-ampere bulb. **\$3.95**
Your Cost Each **\$3.95**

RCA Rectifier Unit

Output 100 volts, d.e. at 100 ma. from 110 volts, a.c. input. Genuine RCA Part No. 5898.

W19206—**\$6.00**
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 106-125 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	49c
W12263	S14	Yellow	2	49c
W12276	S14	Clear	3	54c

CANDELABRA BASE

W12264	T4 1/2	Clear	1/2	36c
W12277	G10	Clear <td>1/2</td> <td>41c</td>	1/2	41c
W12278	G10	Clear <td>1</td> <td>41c</td>	1	41c

PORCELAIN RECEPTACLES For Neon Glow Lamps

W13331—Candelabra base. **7c**

W13330—Miniature. **7c**

Either Size, Each **7c**

W13327—Standard base. **9c**

Your Cost Each **9c**

Genuine Kellogg Tubes Overhead Heater Type

The original overhead heater-type tubes. For use on alternating current. This is the same tube that is used in the old model Sonora and other receivers. All are brand new guaranteed.

Type 401—**\$2.33**
Your Cost **\$2.33**

Type 403—**\$2.94**
Your Cost **\$2.94**

NEON TUBE LAMPS For Tuning

Used in Fada, Atwater-Kent, Clarion, etc. Double contact units for Fada late models and A-K; four-prong for Clarion Model 480. Also used for modernizing receivers not equipped with them.

W12272—Double-contact neon tube. **38c**

Your Cost Each **38c**

W12275—Four-prong. **\$1.25**

Your Cost Each **\$1.25**

Theatre Exciter Lamps For sound-on-film.

Each measures 3 1/2" long, 1" diameter; equipped with single-contact bayonet base. Factory tested.

Type	Volts	Amps.
165	10	5.0
107	10	7.5
854	8.5	4.0

Your Cost **49c**
Your Cost **49c**

LAFAYETTE Photo-Cell Type 868. Caesium type.

For use with p.e. equipment of sound-on-film. Response, 90 volts max., 20 microamps. max. Dynamic sensitivity 40 microamps per lumen. Has standard 4-prong base.

Your Cost **\$4.00**
Your Cost **\$4.00**

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 26-volt rectifier.

W5331—160 ohms. 5-tube sets.

W5332—150 ohms. 6-tube sets.

Your Cost Each **30c**
Any Type **30c**

220-Volt To 110-Volt Line Cord Resistors

European Or Standard Plug

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 W5244—Foreign

Your Cost Each **65c**
Either Type **65c**

Resistor Tubes For Replacement

Standard 4-prong base tubes for a.c.-d.c. sets using these tubes instead of resistor cords. Pilot lite column shows 2 1/2-v., bulbs (15amp.).

Type No.	Voltage Drop	Pilot Lights	Replace Type
185R	54.9		50X3
185R4	54.9	1	50X3T
185R8	54.9	2	50X3T
165R	48.6		50B2*
165R4	48.6	1	50A2*
165R8	48.6	2	50A2*

*Glass types only.
Your Cost, Any Type **33c**

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	\$1.13
W6806	Clarion	
W6808	Grebe	
W6816	Majestic 70	
W6817	Majestic 72	
W6818	Majestic 80	
W6819	Majestic 90	
W6805	Sonora	
W6823	Stewart-Warner 900	
W6824	Stewart-Warner 950	
W6825	Stewart-Warner R100	

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 8 ozs.

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.
Your Cost Each **\$4.12**

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	Use in Set	Amperite	Your Cost Each
4-5	6-A-5		\$1.25
6-7	7-A-5		
8-9-10	9-A-5		
11-12	11-A-5		

AMPERITE Socket

For use with any of the above.

W19101—**15c**
Your Cost Each **15c**

Universal Line Reducer

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.

W12613—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.
Your Cost **88c**



SOLDERING IRONS and ACCESSORIES

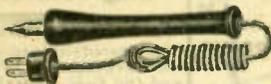
SOLDERING PENCIL



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¢**

MAGIC EMBOSSEING AND ENGRAVING PENCIL

Will burn lettering, designs, etc. in wood, leather and rubber and other similar materials. Easily used. Heat adjusts itself. Absolutely no danger. Furnished with complete instructions, foil and book of designs. Shpg. wt. 2 lbs.
W15158—110 V. Engraving Kit
Your Cost..... **95¢**
W15157—110 V. Embossing Kit
Your Cost..... **78¢**



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..... **15¢**

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
 Raise iron 2" from bench. Snaps on any iron.
 10 for..... \$1.80
W15276—Your Cost..... **20¢**

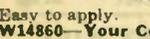
GARDINER Rosin "Cored-Solder"

Quality alloy of tin and lead solder with pure rosin flux inside it. Makes non-corrosive joint.
W15307—Small tin.
Your Cost..... **12¢**
W15306—1 lb. spool. Shpg. wt. 1½ lbs.
Your Cost..... **47¢**
W15313—5 lb. spool
Your Cost..... **\$2.35**



SOLDERALL

Mixture of paste and powdered solder. Will solder all metals but aluminum.
 10 for..... 75¢
W14860—Your Cost Each..... **8¢**



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. Two sizes; the 60-watt iron is furnished with two ¼" tips, 5-ft. cord and rubber plug. 100-watt size has one ¾" tip and 6-ft. cord. Shpg. wt. 3 lbs.
W14892—60-watt iron
Your Cost..... **59¢**
W14893—100-watt iron. **Your Cost**..... **95¢**



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.
MIDGET MODEL
W14848—65 Watt, 110 Volt
Your Cost..... **\$1.03**
W14854—JUNIOR MODEL
Your Cost—100 Watt, 110 Volt..... **\$1.62**
CONSTANT DUTY MODELS
W15190—100 Watt, 110 Volt
Your Cost..... **\$3.24**
W15191—130 Watt, 110 Volt
Your Cost..... **\$4.55**



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 ¼" in diameter. 50 watt iron. Shpg. wt. 2 lbs.
W14850—List \$1.25. **Your Cost**..... **65¢**



JACKSON Heavy Duty Irons

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.
W14874—75 watt iron. List \$2.75
Your Cost..... **\$1.50**
W14853—100 watt iron. List \$3.75
Your Cost..... **\$1.85**



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
Your Cost..... **\$1.45**
W15197—Same for 220 Volt..... **\$1.65**
W15182—100 Watt, 110 Volt
Your Cost..... **\$1.85**
W15198—Same for 220 Volt..... **\$2.20**
W15184—150 Watt, 110 Volt
Your Cost..... **\$2.95**
W15199—Same for 220 Volt..... **\$3.25**



NEW! SUPREME HANDY SOLDERING TOOL

A radically new and efficient soldering tool manufactured by the Supreme Instrument Corp. Has three different core heats controlled by cord switch. Tip may be extended 6 inches for work in tight places, and may be set at any desired angle. Replaceable element. Heats up rapidly. Shpg. wt. 3 lbs.
W14821—Triple-heat, 75, 125 and 200 watts.
Your Cost..... **\$6.60**
W14822—Single-heat, 125 watts.
Your Cost..... **\$5.88**



"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 12½". Full 100 watt rating. Complete with ¼" tip and cord. Shipping weight 3 lbs.
W14855—**Your Cost Each**..... **\$5.85**
 A smaller "American Beauty" with straight metal case for ease in soldering in corners and tight places. Consumes 50 watts; ¼" tip. Shipping weight 2 lbs.
W14856—Your Cost..... **\$3.45**



MARVEL SOLDERING IRON

Conservatively rated at 40 watts. Operates on 110 volts, a.c. or d.c. Nichrome wire element. Hardwood handle. Overall length 10¼". copper tip 2½". 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**



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.



Per Tin	Rosin Core		Acid Core	
	Stock No.	Your Cost	Stock No.	Your Cost
1 lb. Spool	W14857	\$0.15	W14878	\$0.15
5 lb. Spool	W14858	.56	W14877	.56
	W14859	2.65	W14879	2.65

KESTER Paste Flux

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¢**



Aluminum Solder Kit

Kits contain special solder flux and solder for soldering on aluminum; wire brush, illustrated instructions. Shpg. wt. 1 lb.
W15200—Small Kit
Your Cost..... **58¢**
W15201—Medium Kit
Your Cost..... **\$1.10**
W15202—Large Kit
Your Cost..... **\$3.15**



Fixture Wire and Accessories

SPECIAL VALUE!

Cotton Twisted Pair



18 Gauge, $\frac{1}{64}$ " 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.
90¢ \$1.95 \$6.90

All Rubber Parallel Lamp Cord

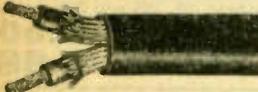
Approved Type



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¢ \$1.10 \$5.25

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	3c	\$2.75
W20946	16—2-wire	4c	3.75
W20947	14—2-wire	6c	5.40
W20948	18—3-wire	4c	3.20

Heavy Twisted Pair



Standard $\frac{1}{64}$ " 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.....
 Per 100 Feet..... \$1.90

Parallel Silk Cord

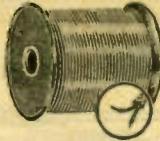


Consists of two conductors laid parallel and covered with braided silk. Has inner braid. Approved by Underwriters. The neatest cord for portable lamps, extension lights, etc. Available in popular colors. Shpg. wt. 3 lbs. per 100 ft.

18 Gauge $\frac{1}{64}$ " R.C.
 W20897—Black W20899—Brown
 W20898—Old Gold
 W20900—Maroon
 Your Cost, Per Foot.....
 100 ft. 96c 500 ft. \$4.75

18 Gauge $\frac{1}{64}$ " R.C.
 W20891—Black W20893—Brown
 W20892—Old Gold
 W20894—Maroon
 Your Cost, per Foot.....
 100 ft. \$1.25 500 ft. \$5.95

Parallel Silk Lamp Cord



Popular type for connecting radio receivers, lamps, etc. Overall covering of silk braid.

18 Gauge— $\frac{1}{64}$ " Wall
 W20836—Maroon W20838—Brown
 W20837—Old Gold
 Your Cost, Per Foot.....
 100 ft. 75c 500 ft. \$3.25

20 Gauge— $\frac{1}{64}$ " Wall
 W20839—Maroon W20841—Brown
 W20840—Old Gold
 Your Cost, 25 Feet.....
 100 ft. 60c 500 ft. \$2.70

Bakelite Handle Plug

Genuine Bakelite with handle grip. Prevents pulling out wires. Sturdy prongs.
 W13281—Your Cost Each.....
 Carton of 25..... 68c

Without Handle
 Same as the above, but without the handle grip.
 W13306—Each.....
 Per Dozen .20c Per 100. \$1.35

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.....
 Carton of 10..... 33c

Trio Plug
 Bakelite. Three outlets from 1 plug.
 W13282—Your Cost Each.....
 Per Dozen..... 50c

Fused Trio Plug
 Same as above, but fused. Prevents main fuse from blowing; protects appliances.
 W13249—Your Cost Each..... 20c

Fused Cord Plug
 Same as the above fused trip plug, but attaches directly to the cord.
 W13229—Your Cost Each..... 16c

Bakelite Outlet
 Made of brown Bakelite. Screws into the baseboard. Easy to use and install.
 W13312—Your Cost Each..... 8c

Current Tap
 Straight socket combined with two cap outlets.
 W13278—Your Cost Each.....
 Carton of 10..... 78c

Feed-Thru Switch
 Bakelite. Compact and very sturdy.
 W13275—Each.....
 Carton of 10. \$1.20

Push Button
 Pearl button. General purpose.
 W12830—Each.....
 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	2c	\$1.95
W16090	4	2 1/2c	2.45
W16091	5	3 1/2c	3.10
W16092	6	4c	3.50
W16093	7	5c	3.95
W16094	8	5 1/2c	4.95
W16095	9	6c	5.50
W16096	10	6c	5.50

Bell Ringing Transformer

Primary 110 volts a.c. Secondary 6-8 volts. Wire leads on primary, posts on secondary.
 W13245—Each..... 39c

Outlet Box Receptacles

Fit the standard outlet boxes. Approved by the Underwriters. Shpg. wt. 1 lb.
 W13328—Single Your Cost Each..... 7c
 W13329—Double Your Cost Each..... 8c

Fitzall Flatiron Element

Fits over 90% of the standard irons, including G.E. Hot Point, Sunbeam, etc.
 W13270—Your Cost Each..... 22c
 Carton of 10..... \$2.10

Heater Elements

Best grade Resistance wire with standard base to fit all heaters.
 W13304—Cone Shape. Your Cost Each..... 22c
 Carton of 10..... \$2.10
 W13305—Straight Type Your Cost Each..... 27c
 Carton of 10..... \$2.50

Nickel Chrome Element

600 watt spiral wound elements. Exact size, no cutting necessary.
 W13317— $\frac{1}{16}$ " dia. Your Cost Each..... 7c
 W13318— $\frac{1}{8}$ " dia. Your Cost Each..... 12c

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..... 3c
 W13201—10 amp. 14c
 W13202—15 amp. 14c
 W13203—20 amp. 14c
 W13204—30 amp. 14c
 Carton of 5.....

CARTRIDGE FUSES

STANDARD APPROVED TYPES
 W13205—20 amp. Your Cost Each..... 6c
 W13206—30 amp. 50c
 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—Shpg. wt. 2 lbs. 100 Ft. 100 Ft. 500 Ft. 1000 Ft.
 Your Cost \$1.25 \$5.90 \$9.90

3-Conductor
 W20896—Shpg. wt. 3 lbs. 100 Ft. Your Cost \$1.95 \$8.95 \$14.90

Single Fixture Wire

Silk covered single conductor fixture wire available in White, Maroon and Old Gold. Specify color desired.

18 Gauge— $\frac{1}{64}$ " Wall
 W20916—Your Cost: 100 Ft. 500 Ft. 1000 Ft.
 60c \$2.75 \$4.95

18 Gauge— $\frac{1}{64}$ " Wall
 W20915—Your Cost: 100 Ft. 500 Ft. 1000 Ft.
 50c \$1.95 \$3.75

20 Gauge— $\frac{1}{64}$ " Wall
 W20914—Your Cost: 100 Ft. 500 Ft. 1000 Ft.
 40c \$1.80 \$3.50

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.
 2c 95c \$4.24

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. 1c 50.95
 W20856—2-Cond. 2c 1.95
 W20857—3-Cond. 3c 2.80

Power Cord and Plug



Attractive, hi-quality 6-foot cord with sturdy plug. For replacement on sets, appliances, etc.
 W13285—Your Cost..... 14c

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

CORNISH HOOKUP WIRE

Manufactured by one of the most reputable wire manufacturers in the industry. Put up on metal spools. Finest quality, full length, exact gauge—note the low prices!
YOUR COST ANY SPOOL LISTED BELOW
 Your Cost For Any Six Spools Listed Below... **\$2.25**

Solid Push-Back Wire

Stock No.	Gauge	Color	Lgth. Ft.
W16184	#22	Red	100
W16185	#22	Black	100
W16186	#22	Green	100
W16188	#18	Red	50
W16189	#18	Black	50
W16190	#18	Green	50

Colored Rubber Wire

Stock No.	Gauge	Wall	Color	Lgth. Ft.
W16070	#18	1/4	Red	100
W16071	#18	1/4	Black	100
W16072	#18	1/4	Green	100
W16074	#16	1/4	Red	50
W16075	#16	1/4	Black	50

Cor-Lac Push-Back Wire

(SPECIAL LACQUERED INNER BRAID)

Stock No.	Gauge	Color	Lgth. Ft.
W16052	#20 Solid	Red	100
W16053	#20 Solid	Black	100
W16054	#20 Solid	Green	100
W16055	#18*	Red	75
W16056	#18*	Black	75
W16057	#18*	Green	75

*Stranded.

Stranded Push-Back

Stock No.	Gauge	Color	Lgth. Ft.
W16192	#20	Red	85
W16193	#20	Black	85
W16194	#20	Green	85
W16196	#18	Red	50
W16197	#18	Black	50
W16198	#18	Green	50



Silk-Covered Litz Wire

Has lower skin resistance than any other wire. Ideal for i.f., r.f. coils, loop aerials, etc. coils, loop aerials, etc.

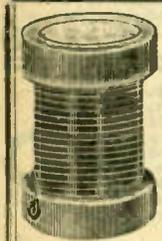
W16152—100-ft. coil	12c
Your Cost	
W16153—1000-ft. coil	90c
Your Cost	

Lacquered Hookup Wire

Rubber insulated with lacquered braid overall. Strands tinned. Easily soldered and worked.

W16344—100-ft. coil	29c
Your Cost	
W16345—250-ft. coil	69c
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.	Your Cost 1/2 Lb.	Your Cost 1/4 Lb.
W20962	18	199	\$0.23	\$0.45
W20963	20	314	.26	.47
W20964	22	494	.28	.55
W20965	24	778	.33	.62
W20966	26	1220	.39	.72
W20967	28	1910	.46	.81
W20968	30	2960	.53	.97
W20969	32	4570	.70	1.26
W20970	34	6980	.90	1.83
W20971	36	10500	1.23	2.69

DOUBLE COTTON

Extremely popular with amateurs and experimenters. Highest quality.

Stock No.	Size B&S	Ft. Per Lb.	Your Cost 1/2 Lb.	Your Cost 1/4 Lb.
W20973	16	122	\$0.18	\$0.23
W20974	18	192	.20	.26
W20975	20	298	.22	.29
W20976	22	464	.24	.30
W20977	24	711	.26	.37
W20978	26	1080	.31	.48
W20979	28	1630	.35	.57
W20980	30	2420	.41	.73
W20981	32	3500	.50	.90
W20982	34	4920	.62	1.14
W20983	36	6660	.79	1.40

PLAIN ENAMELED

Stock No.	Size B&S	Ft. Per Lb.	Your Cost 1/2 Lb.	Your Cost 1/4 Lb.
W20950	16	125	15c	20c
W20951	18	202	16c	20c
W20952	20	319	16c	21c
W20953	22	506	17c	24c
W20954	24	804	19c	26c
W20955	26	1280	20c	28c
W20956	28	2030	21c	31c
W20957	30	3220	23c	34c
W20958	32	5100	25c	37c
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			DOUBLE SILK			ENAMELED		
Gauge	Stock No.	Ft. In Spool	Stock No.	Ft. In Spool	Stock No.	Ft. In Spool	Ft. In Spool	Your Cost Each, Any Spool
14	W16500	21	W16514	19	W16528	25		15c
16	W16501	33	W16515	25	W16529	40		
18	W16502	42	W16516	31	W16530	48		
20	W16503	60	W16517	42	W16531	85		
22	W16504	81	W16518	60	W16532	133		
24	W16505	110	W16519	83	W16533	200		
26	W16506	148	W16520	101	W16534	292		
28	W16507	188	W16521	119	W16535	420		
30	W16508	192	W16522	141	W16536	590		
32	W16509	216	W16523	163	W16537	805		
34	W16510	242	W16524	190	W16538	1150		
36	W16511	266	W16525	219	W16539	1560		
38	W16512	294	W16526	243	W16540	1980		
40	W16513	325	W16527	275	W16541	2430		

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.



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	W16350—Red	W16352—Black	W16354—Red	W16356—Black
	W16351—Green	W16353—Yellow	W16355—Green	W16357—Yellow
Your Cost, Per Coil	10c		11c	
50-Foot Coils	W16358—Red	W16360—Black	W16362—Red	W16364—Black
	W16359—Green	W16361—Yellow	W16363—Green	W16365—Yellow
Your Cost, Per Coil	18c		21c	
100-Foot Coils	W16366—Red	W16368—Black	W16370—Red	W16372—Black
	W16367—Green	W16369—Yellow	W16371—Green	W16373—Yellow
Your Cost, Per Spool	33c		40c	
1000-Foot Spool	W16374—Red	W16376—Black	W16378—Red	W16380—Black
	W16375—Green	W16377—Yellow	W16379—Green	W16381—Yellow
Your Cost, Per Spool	\$3.05		\$3.30	

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	100-Foot Coils	W16348—Black	W16346—Red
Your Cost, Per Coil	24c		Your Cost, Per Coil	90c	

RUBBER-COVERED HOOKUP 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	Your Cost Each
	W16273—Black	12c
	W16274—Green	
1000 Foot Spools	W16108—Red	Your Cost Each
	W16109—Black	\$3.75
	W16110—Green	

Heavy Duty Stranded

NO. 16 RUBBER COVERED	W16280—black	W16281—red
	50 Ft. 100 Ft. 500 Ft.	Your Cost 30c 55c \$2.65
Stranded No. 14 Gauge	W16121—black	W16120—red
	25 Ft. 50 Ft. 100 Ft.	Your Cost .35c 65c \$1.20
Stranded No. 12 Gauge	W16122—black	W16123—red
	25 Ft. 50 Ft. 100 Ft.	Your Cost .48c 90c \$1.75

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
 Your Cost... **25c**

Spaghetti and Bus Bar

Highest grade cambric tubing. Red, yellow, green and black.
W15960—Specify Color
 Per 30-Inch Length... **6c**
 Your Cost 10 Lengths... **54c**

Service Wire Bundles



Lengths range from 2" to 1 foot. Both ends tinned. Include, push-back, r-c hookup, lacquered cotton braid, etc. All standard.
W16049—1-lb. bundle
 Your Cost... **25c**
W16048—2-lb. bundle
 Your Cost... **45c**
W16047—3-lb. bundle... **65c**
W16046—5-lb. bundle... **98c**

BELL WIRE

An excellent grade of No. 18.
W16338—1/2 lb. roll
 Your Cost... **13c**
W16051—25 ft. roll
 Your Cost... **5c**

WIRE STRIPPER

Strips insulation from wire easily and cleanly. Saves time. Cutting edge of tempered steel that will retain its hardness.
W15044—Each... **9c**

BELDEN RADIO PRODUCTS



BELDEN 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. 18¢

1000-Foot Spools

1000-ft. spools available in brown or red. Specify color desired on order. Shpg. wt. 10 lbs.

W16291—Your Cost \$3.87

Belden Celanese Wrapped 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. 21¢

W16067—1000-ft. spool. Your Cost \$4.68

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. 21¢

W16069—1000-ft. coil. Your Cost \$5.31

BELDEN Lead-in Strips With Rubber Covering

Tough Colurubber insulation over thin, flat strip. Clips riveted and soldered at both ends. 12" long.

W17099—Your Cost 6¢

Per 100. \$5.70

BELDEN Shielded Lead-in and Ground Wire

Effective in reducing man-made static. Stranded core with a heavy braid of fine tinned copper wire. Easy strip rubber insulation. Average shpg. wt. 4 lbs. per 100 ft. Stock

No.	Gauge	50 ft.	250 ft.
W16208	—Size 14	\$1.08	\$5.10
W16210	—Size 16	.69	3.60

Shielded Rubber Sheathed Mike Cable

Designed for greatest durability. Each conductor 26x34 tinned copper with cotton wrap, color coded rubber wall; conductors cabled and covered with cotton wrap, tinned copper shield, cotton wrap over shield and overall rubber sheath.

Stock No.	No.	Con.	O.D.	Per Ft.	100 Ft.
W20876	—2	.280"	5c	\$4.02	
W20845	—3	.280"	5c	4.32	
W20877	—4	.345"	6c	5.46	
W20878	—5	.390"	8c	6.60	
W20879	—6	.430"	9c	7.77	
W20846	—7	.430"	10c	8.49	

Crystal Mike Cable

13x36 tinned copper, two serves of Celanese, four braids of cotton waxed; tinned copper shield; overall rubber sheath. .250" diam.

W20844—Per Foot. \$3.24

100 Ft. for \$324

Two Conductor

Same as above, but for multi-cell crystal mikes. .350" diam.

W20854—Per Foot. 8¢

100 Ft. for \$8.00

BELDEN Twisted Lead-In Wire

Doublet style twisted lead-in for low impedance coupling. Consists of two No. 20 (10x30 tinned) conductors with paper wrap and 1/2" rubber wall. Color coded. Overall braid of black cotton, waxed and weather proof. Shpg. wt., 80 ft., 3 lbs.

W16172—80 ft. coil. 99¢

W16174—500 ft. spool. \$6.24

Similar to above, but with No. 19 solid conductors. For 5 and 10 meter x mitters, etc.

W16175—500 ft. spool. \$5.76

BELDEN All Rubber Lead-in Wire

Well known for its special rubber compound covering which strips quickly and easily.

Shpg. wt. per 100 ft., 3 lbs.

W16225—No. 14 Seven-Strand. 50 ft. per Carton. Your Cost \$0.51

250 ft. per Spool. Your Cost 2.46

W16226—No. 16 Seven-Strand. 50 ft. per Carton. Your Cost \$0.30

250 ft. per Spool. Your Cost 1.29

500 ft. per Spool. Your Cost 2.43

W16227—No. 18 Seven-Strand. 500 ft. per Spool. Your Cost \$2.01

BELDEN Arrester

A thoroughly reliable protector for outdoor or indoor use. Bakelite case. Resistor type. Listed as standard by National Board of Fire Underwriters. Furnished with \$100.00 guarantee

W16750—Your Cost 15¢

BELDEN Indoor Aerial and Litz Wire

Specially covered wire, ideal for indoor aerials and for winding radio loops. Shipping weight per spool, 3 lbs.

W16125—Brown Rayon 100 ft. Your Cost 60¢

YW16126—Brown Cotton 60 ft. 27¢

W16127—Brown Cotton 1000 ft. Your Cost \$3.24

W16128—100 ft. Litz Wire 20-38 stranded Beldenmel with two servings of green silk. Your Cost, Per Spool. 51¢

Rubber Sheathed Multiple Conductor Cable

Specially designed for portable amplifiers with one to three remote speakers. Conductors are No. 18 (41x34 bare), cotton served, 1/4" rubber wall, color coded. They are cabled with fillers, wrap of cotton with rubber sheath overall.

Stock No. Your Cost

No.	Con.	O.D.	Per Ft.	250 ft.
W20830	—3	.265"	3 1/2c	\$7.77
W20881	—4	.300"	4 1/2c	9.63
W20882	—5	.350"	6c	12.24

Filament Lead Wire

No. 14 wire (41 strands of No. 30 wire). Stranded tinned copper. Double serve of Celanese, colored braid paraffined. Especially well suited for filament wiring. Furnished in red or black. Specify color. Wt. 3 lbs. 100 ft.

W16156—25-ft. coil. 39¢

W16159—500-ft. spool. Your Cost \$5.76

Beldenmel Aerial Wire

Finest grade copper, heavily enameled. The 1000 ft. length is wound on a steel spool. Shpg. wt. per 100 ft., 4 lbs.

W16232—7x20 Beldenmel. Suited for short-wave aerial systems.

100 ft.	Your Cost	\$0.96
1000 ft.	Your Cost	9.48

W16229—7x22 Beldenmel.

75 ft.	Your Cost	\$0.39
100 ft.	Your Cost	.51
150 ft.	Your Cost	.75
1000 ft.	Your Cost	4.92

Solid Beldenmel

W16233—No. 10

100 ft.	Your Cost	\$0.95
1000 ft.	Your Cost	9.36

W16230—No. 12

100 ft.	Your Cost	\$0.63
1000 ft.	Your Cost	5.94

W16231—No. 14

100 ft.	Your Cost	\$0.39
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Tinned Aerial Wire

An old standby. Very popular where good installations are wanted. 7x22. Shpg. wt. per 100 ft. 4 lbs.

W16228—100 ft. per coil. 45¢

1000 ft. per spool. Your Cost \$4.50

Test Prod Lead Wire

Extra flexible No. 18 wire (41 strands of No. 34 tinned copper). Has 1/2" wall of special rubber insulation with attractive waxed finish. In red or black. Specify color.

W16337—Per 100-ft. \$1.08

Your Cost

BELDEN "TRUBLITE"

For home, shop, garage, truck, etc. 15 feet of all-rubber lamp cord terminated with large clips.

For any 6-volt source. With 6-volt, 25-watt Mazda bulb. W15161—Shpg. wt. 3 lbs. Your Cost Complete \$1.85

SHIELDED WIRE

BELDEN Shielded Primary Wires

No. 12 gauge (19x25 tinned) with colored cellophane serve, .031" rubber wall, glazed cotton braid lacquered and an overall tinned copper shield. Wt. 4 lbs. per 100 ft.

W16223—100 ft. for \$3.30. 4¢

Your Cost per Foot

No. 14 gauge. Same as above, but with .027" rubber wall.

W16218—100 ft. for \$2.80. 3 1/2¢

Your Cost per Foot

No. 16 gauge. Same as above, but with .022" rubber wall.

W16219—100 ft. for \$2.28. 3¢

Your Cost per Foot

Crystal Mike Cable

13x36 tinned copper, two serves of Celanese, four braids of cotton waxed; tinned copper shield; overall rubber sheath. .250" diam.

W20844—Per Foot. \$3.24

100 Ft. for \$324

Two Conductor

Same as above, but for multi-cell crystal mikes. .350" diam.

W20854—Per Foot. 8¢

100 Ft. for \$8.00

Tinned Copper Shielding

The finest copper shielding available. Fine mesh closely woven; assures perfect shielding. Shpg. wt. per 100 ft., 4 lbs.

W16214—Inside diam. 1/4". 2 1/2¢

Your Cost per Foot \$1.02

Per 60 ft. \$1.02

W16215—Inside diam. 3/8". 3 1/2¢

Your Cost per Foot \$5.04

Per 250 ft. \$5.04

W16216—Inside diam. 1/2". 9 1/2¢

Your Cost per Foot \$3.70

Per 60 ft. \$3.70

Shielded Ignition Wire

7 Millimeter

Ideal for use in auto radio installations. Consists of a standard 7 mm. lacquered braided wire covered by a tinned copper shield.

Shpg. wt., 100 ft. 4 lbs.

W16221—Per Foot. 8 1/2¢

W16222—Per Foot. \$7.14

100 ft. spool.

Your Cost, Special

Shielded Auto-Radio Lead-in Wire

Low capacity cable for auto-radio lead-ins. No. 18 stranded conductor (16x30) cotton wrapped with 1/2" rubber wall. Cabled with jute fillers and shielding overall.

W20861—500" diam. 7¢

Your Cost per Foot \$5.73

100 Ft. for \$573

Similar to the above, but with four waxed cotton braids. Less jute.

W20883—250" diam. 3 1/2¢

Your Cost per Foot \$3.00

100 Ft. for \$300

Same as the above, but with rubber sheath overall. .325" diam.

W20884—5¢

Your Cost per Foot \$4.00

100 Ft. for \$400

BELDEN Shielded Hook-up Wire

No. 18 hook-up wire with closely woven tinned copper shielding. For use with screen grid tubes. Shpg. wt. 3 lbs. 100 ft.

W16294—Your Cost \$1.02

We can supply Belden wire in large quantities at special prices. Write for information, giving complete details.

AERIAL ACCESSORIES

Arresters



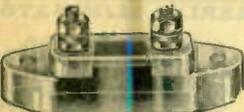
Housed in brown, glazed porcelain; approved. With brass screw terminals. 1 x 1-3/4 x 3-3/4" overall. **W16753—Your Cost Each... 7c**
12 for 70c 100 for \$6.50

All-Bakelite Arrester



Molded Bakelite housing. Approved by Underwriters. Non-airgap type. **W16755—Shpg. wt. 1 lb. 7c**
Your Cost Each... \$6.50
100 FOR

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—59c**
Your Cost Each

NEON ARRESTER FOR DOUBLE ANTENNAS

W16701—82c
Your Cost Each

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. **W16950—Wt. 1 lb. 18c**
Your Cost Each

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 nickel plated hardware. **W16755—43c**
Your Cost Each

Polarized Antenna and Ground Connector

Convenient for connecting aerial and ground from set 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 24c**
Your Cost Per Set

Insulated Staples

For holding inside lead-in and ground wires in place. Per 100 **W15950—10c**
Your Cost
Per 1000 95c

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 3/4 Med. 50.17
W16806 7 1/2 1/2 Kw. .68
W16807 12 1/4 1 1/2 Kw. 2.06

GLASS INSULATORS

Special tempered glass, unaffected by heat or cold. High tensile strength. Ridged. **W16850—3" long 3c**
Your Cost Each
Lots of 100 \$2.55
W16851—4" long 4c
Your Cost Each
Lots of 100 \$3.50

Porcelain Insulators

Strain insulators made of glazed porcelain. 3/8" holes. **W16802—2 1/2" long 2c**
Your Cost Each
Per 100 \$1.70
High-quality, heavy, ridged porcelain insulators. 7/8" holes. **W16803—3 3/4" long 4c**
Your Cost Each
Per 100 \$3.25

Wall Insulator

For supporting wiring or apparatus. Glazed, ridged porcelain; 2 1/4" high. Plated nut and screw. **W16735—Shpg. wt. 8 oz. 7c**
Your Cost Each
Your Cost for 10 63c

Large Stand-Off

Extra-heavy glazed porcelain. Ribbed body for increased surface. 4" long. Hole for wire. **W16800—7c**
Net Each
Lots of 10 65c

PORCELAIN TUBES



Brings lead-in into building without cutting wire or causing leakage. Needs 3/16" hole; takes 3/8" wire. **W16860—5" long 3c**
Your Cost Each
Your Cost Per 10 23c

NAIL-IT KNOBS

Heavy white porcelain. Leather washer under nail head. 1 3/4" high, 1 3/8" diameter. Slotted for 2 wires. **W16977—2c**
Your Cost Each
10 FOR .16c
100 FOR \$1.50

Indoor Antenna Wire

Consists of 20 strands of flexible copper wire covered by a mercerized cotton braid. For indoor or a.e.-d.e. antenna use. May be strung around moldings, borders, etc., and is easily concealed. Good quality. **W16155—25-ft. bank 15c**
Your Cost

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 5c**
Your Cost Each

With Fahnestock Terminals

W17101—100 FOR \$2.80 4c
Your Cost Each

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 3c**
10 FOR .25c 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—3c**
Your Cost Each
10 FOR .25c 100 FOR \$2.20

Plated Ground Rods

Used wherever a pipe ground is not available. Heavy steel yoke for driving head, 7/8" drawn steel, plated. Shpg. wt. 4 lbs. Stock Length Your Cost No. Feet Each Per 10
W17187 4 27c \$2.60
W17188 6 38c 3.70

Antenna Lead-In Clip

Heavy bronze with brass nut and screw. Solderless fastener for lead-in and aerial **W16058—5c**
Your Cost Each

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—29c**
Your Cost Each

Galvanized Guy Wire

Special grade of tough, annealed galvanized wire. Excellent for guying antenna masts. Will resist rust. **W16156—60-ft. roll 15c**
Your Cost

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—2 1/2c**
Net Each
12 for 27c 100 for \$1.90
W16986—7" long 4c
Net Each
12 for 42c 100 for \$2.75

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	13c	\$1.20	\$2.75
W16042	7/24	17c	1.60	3.75
W16043	7/22	22c	2.09	5.00

Bare Stranded—100-Ft. Coils

Stock No.	Size	Per Coil	10 Coils	25 Coils
W16113	7/26	17c	\$1.60	\$3.75
W16114	7/24	21c	2.00	4.75
W16115	7/22	29c	2.75	6.50

Enameled Stranded—75-Ft. Coils

Stock No.	Size	Per Coil	10 Coils	25 Coils
W16044	7/24	24c	\$2.30	\$5.50
W16045	7/22	31c	2.90	7.00

Enameled Stranded—100-Ft. Coils

Stock No.	Size	Per Coil	10 Coils	25 Coils
W16116	7/24	32c	\$3.10	\$7.25
W16117	7/22	39c	3.70	9.00

Solid Enameled—100 Ft. Coils

Stock No.	Size	Per Coil	10 Coils	25 Coils
W16118	No. 14	31c	\$2.95	\$7.25
W16119	No. 12	45c	4.45	10.75
W16129	No. 10	75c	Per Foot 1c	

1000-FOOT SPOOLS

Stock No.	Your Cost	Size	Stock No.	Your Cost
W16104	\$3.75	7/22	W16106	\$2.75
W16105	3.15	7/24	W16107	2.05

Enameled Copper Weld 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 88c**
Your Cost, per 100 Feet
W20886—No. 14 Gauge 59c
Your Cost, per 100 Feet

Lead-in Wire

NO. 18 LEAD-IN, RUBBER-COVERED
Solid tinned copper. 3/4" rubber easy-strip insulation. For lead-ins, ground leads or aeri-als. Shpg. Wt. 2 Lbs. per 100 Ft. Specify length when ordering. **W16200—25 Ft. 50 Ft. 100 Ft. 10c 18c 33c**
Lots of 10 90c \$1.70 \$3.10
W16217—1000-ft. coil \$3.05
Your Cost

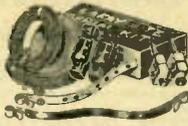
Best Grade

No. 14 Lead-In Wire
Solid tinned copper core. Heavy (1/4") rubber insulation with weatherproof outer braid. A Code wire. **W16203—25 Ft. 50 Ft. 100 Ft. 10c 18c 33c**
Single Coil. 23c 42c 80c
Lot of 10, Ea. 21c 40c 76c
Lot of 25, Ea. 19c 36c 70c
Shpg. wt. lbs. 3/4 1 2

ALL-WAVE Antenna Accessories

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-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.
W16478—Your Cost..... 37¢

TRANSMISSION CABLE

Highly efficient for noise reducing antennas of any type requiring this type of lead-in. Consists of twisted rubber-covered conductors covered by a weather-proof cotton outer braid. Shpg. wt. (100 ft.), 4 lbs.
W17152—100 ft. coil..... 80¢
Your Cost..... 3.45
W17184—500 ft. coil..... 3.45
Your Cost..... 3.45

"EO-1" TWISTED PAIR TRANSMISSION LINE

Consists of two No. 12 conductors covered by a fabric warp. Warp is covered by special rubber insulation then impregnated cotton braid. Shpg. wt. 2 lbs. per 25 ft.
W20887—1 to 50 ft. 7¢
Your Cost per Foot..... 6¢
50 to 100 ft. Per Foot..... 6¢
100 to 500 ft. Per Foot..... 6¢

R-C Transmission Cable

Heavy duty twisted pair for transmission line use. Each conductor is tinned No. 18 copper, stranded flexible wire with live $\frac{1}{8}$ " rubber insulation.
W20888—50-ft. coil..... 45¢
Your Cost..... 88¢
W20889—100-ft. coil..... 88¢
Your Cost..... 88¢

SHIELDED TRANSMISSION LINE

A 10-strand wire covered with live rubber, a lacquered cotton braid and a woven, tinned shield. Used in Tobe, Lynch, etc., systems.
W16240—50 Ft. 100 Ft. 500 Ft.
Your Cost 55¢ \$1.05 \$4.95

Truest Low Ohm H. F. WIRE FOR AERIALS AND TRANSDUCED LEADS

Designed to have low resistance at high frequencies. For aerial proper and transmission lines. Easily worked. Shpg. wt. per coil, 3 lbs.
W16264—Heavy bare, No. 7/20. 69¢
Per 100-Foot Coil..... 69¢
W16265—Heavy enameled, No. 7/20. 82¢
Your Cost..... 82¢
Per 100-Foot Coil..... 82¢
W16266—Light enameled, No. 7/25. 28¢
Your Cost..... 28¢
Per 100-Foot Coil..... 28¢

Airplane Insulator

A $1\frac{1}{8}$ " strain insulator loaded in compression for greater tensile strength.
W17175—Your Cost Each..... 2¢
Per Dozen..... 22¢

Transposition Blocks

Of ceramite, $2\frac{1}{4} \times 2\frac{1}{4}$ ". Priced remarkably low. Shpg. wt. of 10, 1 lb.
W17089—10 for 35c 4¢
Your Cost Each..... 4¢

Glazed Type Unique shape prevents twisting of line. Skeleton frame for high leakage path. Size $1\frac{1}{2} \times 2\frac{1}{2}$ ".

W17171—10 for 44c. 5¢
Your Cost Each..... 5¢

Cross-Over Insulator

For use with doublet aerials. Glazed white porcelain, 3" long, $2\frac{1}{2}$ " wide, $\frac{3}{8}$ " thick.
W16951—10 for 45c. 5¢
Your Cost Each..... 5¢

3-HOLE INSULATOR

Designed to U.S. standards. Ceramic, 3" (long) $\frac{1}{2} \times \frac{1}{2} \times \frac{1}{2}$ ", glazed. All holes 1" apart.
W17011—Your Cost Each..... 6¢

CONICAL LEAD-IN

Two Vitrolex conical insulators, each 1" high. With threaded stud $3\frac{1}{2}$ " long, and all nuts and washers; nicked hardware. Requires $\frac{1}{8}$ " hole for mounting. A shoulder, $\frac{1}{8}$ " high at the base of the insulators, makes them self-centering over the mounting hole.
W16797—Your Cost Each..... 35¢

FEEDER SPREADERS

White glazed overall; cross-section of all sizes is $\frac{3}{4} \times \frac{1}{2}$ ". With end grooves for line conductors and holes for tie-wires. Molded from high-quality porcelain. A popular antenna accessory among transmitting hams.
W17027—2" long. 7¢
Your Cost..... 7¢
W17028—4" long. 9¢
Your Cost..... 9¢
W17029—6" long. 12¢
Your Cost..... 12¢

ALL-WAVE ANTENNA COUPLERS

ALL-WAVE COUPLER

Provides correct match for all bands. Used with doublet antenna and transmission line. With full instructions.
W17172—Your Cost..... 59¢

Universal Set Coupler

Permits use of ungrounded transmission line with any receiver on all bands. Easy to attach and mounts near set. Necessary if full efficiency is desired on all waves. With full instructions.
W17082—Your Cost Each..... 29¢

UNIVERSAL COUPLER

With B.C.-S.W. Change-Over Switch
FOR ALL BANDS
W17078—Your Cost Each..... 44¢

A new and efficient universal set coupler correctly matches the impedance of the antenna to the input impedance of the receiver. Housed in an aluminum can, finished in red crackle. Shpg. wt. 1 lb.
W17078—Your Cost Each..... 44¢

Doublet Lead-In Strip

Consists of two strips covered by heavy cotton weather-proof braid. Bakelite strip riveted in place holds strips parallel. Fahnestock clips.
W16952—Your Cost Each..... 9¢

ANTENNA SPRING

Takes up slack in aerial. No-rust. Long lasting. Spring only
W16980—Your Cost Each..... 6¢

Button Type Lead-in's

Have a thousand uses. Have a flash-over of 5,800 volts at 60 cycles. Ceramic, $\frac{1}{2}$ " diameter, $\frac{1}{4}$ " high, fits $\frac{1}{8}$ " hole and passes 6-32 screw. For $\frac{1}{4}$ ", or heavier, panels. Used for lead-in or feed-through. Insure precision job. These are the famous "Butt-Ins".
W16798—Your Cost per Dozen..... 20¢

All-Direction Aerial

Scientifically designed to get more distance with greater volume. Installed in a few minutes—no poles to erect. Battery of heavy 9" wires flared out to point in all directions. More stations on short waves and standard broadcast. With mounting hardware and 50 ft. of stranded lead-in. Two units make up a doublet.
W16475—Wt. 4 lbs. \$1.62
Your Cost Each..... \$1.62

PHILMORE AERIAL ELIMINATOR

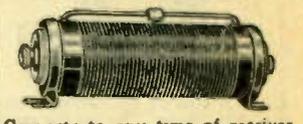


Does away with need for an aerial. Easy to install; just plug into power receptacle and connect aerial and ground wires to marked posts.
W17084—Your Cost Each..... 33¢

NO-TENNA

Does away with an outdoor antenna. Reduces static; eliminates fire and lightning hazards. Easily installed.
W1269—Your Cost..... 59¢
10 For \$5.50

AERIAL ELIMINATOR



Connects to any type of receiver and improves reception. Helps eliminate interfering stations.
W12678—Wt. 2 lbs. 59¢
Your Cost Each..... 59¢

LYNCH FILTERADIO

A new line filter for elimination of noise entering through the power line. Used on any receiver for all waves. Maximum voltage, 250; maximum current, 10 amperes. For a.c., d.c., or generator sources. Has line balancer for maximum efficiency. In metal case with cord and plug.
W16279—Wt. 4 lbs. \$2.94
Your Cost..... \$2.94

LYNCH HI-FI RECEIVER COUPLERS

Improve any noise reducing antenna by using this coupler. By adjusting knob signal may be regulated.
W17015—Wt. 2 lbs. \$1.47
Your Cost..... \$1.47
W17016—Antenna coupler to match above vario-coupler. \$2.05
Your Cost..... \$2.05

"QUICK-UP" AERIAL

Low resistance wire mounted on adhesive tape. Mounted and concealed anywhere without tacks.
W16164—Your Cost..... 35¢

Indoor Ribbon Aerial

Gold colored metallic braid woven into a strip of fabric about $\frac{3}{4}$ " wide. Held in place above molding or baseboard with thumb tacks. 65 feet to roll. Shpg. wt. 8 oz.
W16163—Your Cost per Roll..... 29¢

Antenna Turnbuckles

For tightening aerial guy wires. Constructed of cast brass; will not rust or corrode. Shpg. wt. 1 lb.

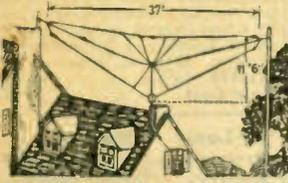
Stock No.	Extended Length	Take Up	Your Cost
W16715	3"	$\frac{3}{4}$ "	15c
W16716	6"	$1\frac{1}{2}$ "	20c
W16717	6"	$2\frac{1}{4}$ "	32c



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 140 to 23,000 kc. (13 to 2142 meters). Full instructions furnished with each kit. Shipping weight 7 lbs.

W17135—RCA No. 9685—All-Wave Antenna System. **\$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



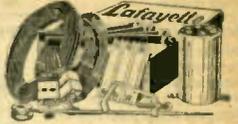
Designed to meet demands for an easily installed and low-priced all-wave antenna. Has a band coverage of 140 to 18000 kc. (17-2150 meters), and is highly efficient on all bands within this range. The system is factory assembled and soldered; merely tie to convenient supports, and the antenna is up. Consists 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.
 W17086—Your Cost. **\$3.30**
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.
 W17088—Your Cost. **\$2.85**

Lafayette ALL-WAVE ANTENNA KITS

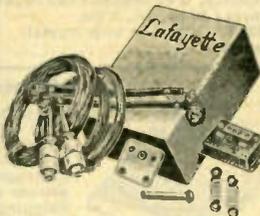
"Standard" Kit

Especially designed for all-wave reception. Contains 2-40 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—
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). The kit is easy to assemble and is complete in itself—nothing else to buy. 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¢**

TACO No. 200 All-Wave Antenna



A completely assembled all-wave doublet antenna that is noise-free on all useable frequencies. Covers broadcast and short-wave bands. All connections factory made—takes little time to install. Kit includes: 2—30-foot coils of armored tinned antenna wire; 1—75-foot roll of transmission line; 2—crystal glass insulators; 2—stand-off insulators; 1—screw-eye stand-off; 1—antenna transformer with low-loss cross bar; 1—set transformer; complete instructions. Shipping weight 5 lbs.
 W16468 **\$3.97**
Your Cost

No. 500 Kit: Same as above, but with different, and slightly less efficient antenna and set transformers. Shpg. wt. 4 lbs.
 W16469—Your Cost. **\$2.64**

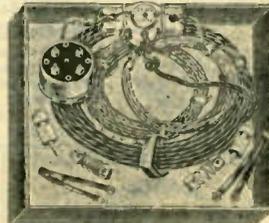


"NOISE-MASTER" All-Wave Antenna

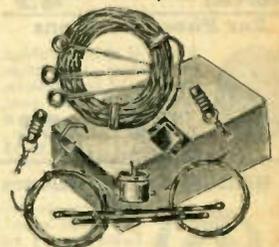
CORWICO designed, Amy, Aceves & King licensed. "Man-made" static eliminated on both broadcast and short-wave bands. Peaked at best frequencies. **Factory assembled—easy to install.** Contents: 2—30-foot coils stranded copper antenna wire; 1—antenna transformer with 50 feet of twisted pair transmission line; 2—glass insulators; 3—6" stand-off insulators; 1—dual lead-in strip; 1—set transformer; 1—porcelain lead-in tube; instructions. Shpg. wt. 5 lbs.
 W16470 List \$6.75
Your Cost \$3.97

BIRNBACH All-Wave "Ready" Aerial Kit

Newly perfected all-wave aerial completely wired and soldered at the factory. Uses new patented antenna transformer built into the ceramic doublet crossover insulator; fool-proof and weather-proof. Kit contains the following equipment: 1—antenna transformer; 1—receiver all-wave coupler; 1—50-foot roll of aerial wire; 1—20-foot roll of aerial wire; 50 feet of transmission line (twisted); all insulators, nail-knobs, lead-in strips, ground clamp, etc. Full instructions included. Shpg. wt. 5 lbs.
\$2.49
Your Cost

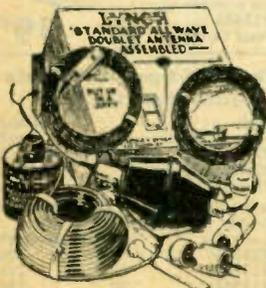


TOBE Model 39 Filterizer Kit, All Wired



Completely assembled all-wave antenna, ready to erect. Comprises doublet antenna with 70-ft. span, terminating insulators, connection shield, 72-foot balanced transmission line, 2 supporting insulators, 6" porcelain entrance tube, ground clamp and receiver coupling unit. Shpg. wt. 5 lbs.
\$2.64
Your Cost

Model 37 Kit
 Contents: 75 feet of aerial wire, antenna transformer, 2 lead-in strips, 72-foot transmission line, receiver transformer, 2 strain insulators, solderless connector and instructions. All-wave type. (Not assembled.) Shpg. wt. 5 lbs.
\$3.24
Your Cost



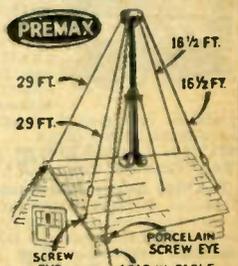
LYNCH HI-FI All-Wave Antennas

Ready for quick and easy installation. Standard and Junior types. Standard has 50 feet of Giant Killer cable; Junior has 50 feet of high grade twisted pair. Other parts, found in both kits, are: 1—Lynch Hi-Fi Coupling System; 1—41 ft. doublet of 7x22 copper antenna wire; 2—commercial type insulators; 1—3" screw eye; 2—nail-it-knobs; 1—4" porcelain lead-in tube; instructions.
 W17017—Junior All-Wave Kit. Shpg. wt. 4 lbs. **\$3.97**
Your Cost
 W17018—Standard All Wave Kit. Shpg. wt. 5 lbs. **\$5.00**
Your Cost

W17018—Standard All Wave Kit. **\$5.00**
Your Cost

PREMAX "Pyramid" Assembled All-Wave Double-Doublet Aerial

Requires less space, takes less time to install and costs less than others of similar quality. No unsightly stretches of wire—only a single steel mast. Excellent noise reduction properties and responds to signals from any direction. Complete kit includes: 1—7-foot two-section adjustable steel mast finished in green enamel; 2—29 ft. and 2—16½-ft. coils of stranded copper antenna wire; 1—50-foot coil of twisted pair transmission line; 1—special porcelain crossover junction box; all necessary insulators, nail-it-knobs, lead-in tube, screw-eyes, etc. All factory assembled. Shipping weight 10 lbs.
 W22023—Your Cost. **\$3.50**

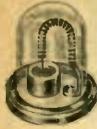


Full instructions included. **\$3.50**

Mail Your Orders to NEW YORK, CHICAGO or ATLANTA



Glass-Enclosed Crystal Detector



Dust-proof. An easily adjusted crystal unit equipped with a super-sensitive mineral and a cats 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. Your Cost..... 12¢

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. Your Cost..... 12¢

Fixed Crystal Detector

Supersensitive point found by meters and fixed permanently. In Bakelite case with screw connections. Will stand high-voltage.



W13913—Meter-tested. Your Cost..... 43¢

Ear Phone Cushions

Made of sponge rubber to protect ears from pressure of headphones. **W13940—For all tones. Your Cost Per Pair..... 22¢**
10 Pairs..... \$1.95

BRUSH Crystal Phones

A piezo-electric set that meets laboratory requirements. 60-10,000 cycles. Extremely sensitive to the weakest signals. Weight complete with band and cord is only 6 ounces. Has extremely high-impedance.

W13924—Type A. Your Cost..... \$5.29

TRIMM Featherweight Phones—Wt. Only 4 Oz.

One of the finest sets ever designed. Weight only 4 oz., with band and cord. Bakelite shell and cap, forged cobalt steel magnet, adjustable spring-steel headband, impedance 24,000 ohms.

W13919—List \$10.00. Your Cost Per Pair..... \$5.88

TRIMM Dependable Headset

Bakelite shells and caps, chrome steel magnets; ruggedly constructed for amateur and DX fan.

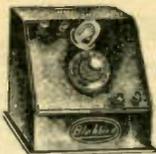
W13914—2000-ohm. Your Cost Per Pair..... \$1.77

TRIMM Professional Headset

W13915—4000-ohm. Your Cost Per Pair..... \$2.20

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.....

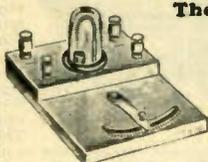
The "Selective"—Cabinet Model

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. Your Cost..... \$2.35



The "Supertone" With Slide Tuning



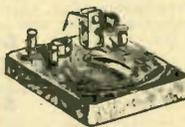
The glass-enclosed supersensitive crystal supplied with this receiver will furnish loud, clear signals indefinitely. Single-turn tuning is accomplished with a sliding arm which offers coverage of the broadcast band. Needs only phones and aerial to complete installation. Shipping weight 2 lbs.

W13888—List Price \$2.50 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¢**

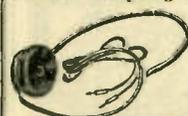


HEADPHONES

"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-set 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

Used by amateurs for years. Extremely sensitive. Polished aluminum shells; Bakelite caps; adjustable webbed band. Impedance 20000 ohms. 5-ft. cord. **W13931—Your \$2.50**
Cost

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¢

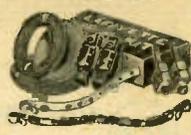


SPECIAL TWIN CODE SET

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. Less batteries. Shpg. wt. 4 lbs. **W1400—\$1.91**
Your Cost Per Set.....

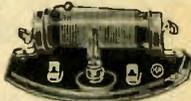
Junior Aerial Kit

Put up especially for crystal receivers, mid get sets and small vacuum tube receiver. Just the thing for the beginner and the junior radio experimenter. Contains 90 ft. of copper wire, 25 ft. rubber-covered lead-in, a lead-in strip, ground clamp, 2 nail-it knobs and 2 porcelain insulators. Shpg. wt. 4 lbs. **W16478—In box 37¢**
Your Cost.....



Lo-Loss Crystal Receiving Set

Comprises tuning inductor, super-sensitive crystal mounted on ceramic, low-loss base and phone and aerial-ground terminals all mounted on attractive base. Adjustable slider tuning covers broadcast band. No batteries or power. Connect phones and aerial and tune in. Shpt. wt. 1 lb. **W12637—Pre-Treated. 58¢**
Your Cost.....



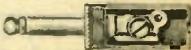
Cat Whiskers

Finest wire—correct tension—holds that sensitive spot. **W13921—Envelope of 3. 8¢**
Your Cost.....



Double Phone Plugs

Will take one or 2 phone or speaker cords or a combination of both. Colored Amerloy caps in red, or black. Metal parts, brass nickel-plated. Has tie loop to prevent cord from being torn from plug by sudden yank on phone or speaker cord. **W14976—Black. 19¢**
W14971—Red. Your Cost Each. 19¢
Either Type.



REAL PHONES-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. Shpg. wt. 7 lbs. **W17373—Your Cost Per Set..... \$4.12**

SKINDERVIKEN Micro-Phone Button

Measures overall ¾" diameter and ⅜" thick. Screw terminals—needs no soldering. Carbon granule type. **W13485—Your Cost..... 59¢**



Phone & Speaker Cords

Cotton Braid Insulation

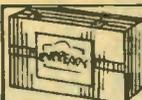
Stock No.	Type	Feet	Your Cost
W13955	Double*	5'	19¢
W13956	Double†	5'	
W13957	Singlet	5'	12¢

Extension Cords—Tinsel Center
Double cotton braid insulation.

Stock No.	Feet	Your Cost
W13945†	10	18¢
W13946†	20	21¢
W13947†	30	33¢

*Spade tips one end; straight tips other. †Pin tips both ends.





EVEREADY RADIO BATTERIES for Every Purpose



STANDARD 45 V. "B"

These batteries have combination plug-in and clip terminals for convenient connection to battery receivers and equipment. Type 770 Heavy Duty is 8x4 1/2 x 7 1/4"; type 772 regular duty is similar to 770, measures 8x3x7 1/4".

W20100—Type 770
Ea. 85c **83c**
Less 2%
Lots of 6. Ea. 77c
Less 2% **75c**

W20101—Type 770
Ea. \$1.22 **\$1.20**
Less 2%
Lots of 6. Ea. \$1.11
Less 2% **\$1.09**

LAYERBILT 45 V. "B"

The longest lasting, most-hours-per-dollar "B" battery made. Ideal for all purposes. Equipped with combination plug-in and clip terminals for convenience. Type 486 heavy duty is 8x4 1/2 x 7 1/4"; type 485, a medium Layerbilt for lighter duty, is 8x3x7 1/4".

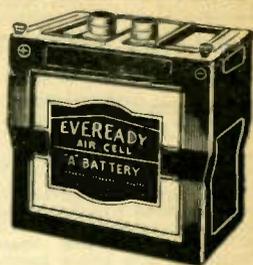
W20102—Type 486 **W20103—Type 485**
Ea. \$1.73 **Ea. \$1.30**
Less 2% **Less \$1.27**
Lots of 6. Ea. \$1.57 **Lots of 6. Ea. \$1.18**
Less 2% **Less 2% \$1.54**



AIR CELL "A's"

For "Air Cell" Receivers

The only really practical solution of the rural radio problem; ideal for boats and summer places. Now at NEW LOWER PRICES. Air depolarized—constant voltage—no recharging—1000 HOURS OR MORE LIFE. Shipped dry and hermetically sealed; no shelf depreciation—keeps indefinitely with seals unbroken. Maximum permissible current drain, 660 milliamperes, (0.66 ampere). Insulated screw terminals.



Type A-600—For current drains as specified above. In leak-proof case, 10x10x6 1/2". Shpg. wt. 24 lbs.

W20126—Your Cost \$4.17. Less 2% \$4.09

HEAVY-DUTY "AIR CELL" BATTERY

Type SA-850—For Air-Cell receivers which consume excessive "A" current (more than 660 milliamperes), use the special Heavy-Drain Air Cell Battery, type SA-850. Good for current drains up to 750 milliamperes, (0.75 ampere). Shpg. wt. 28 lbs.

W20127—Your Cost \$5.25. Less 2% \$5.14



Portable 45-V. "B" Battery

For portable equipment where compactness and light weight are important. Insulated terminals prevent short-circuits. Tapped at 22 1/2 volts. Size 4 1/2 x 2 1/2 x 5 7/8". Shpg. wt. 2 lbs. ea. In durable cases.

W20104—Each \$1.05
Less 2% **\$1.03**
Lots of 5. Each. **.95c**
Lots of 25. Each. **.93c**

Portable Type 763-22 1/2 Volts

A small size 22 1/2-volt battery for "C" bias circuits and low drain plate requirements. With screw terminals. Fine for portable test equipment. 3 1/2 x 2 1/2 x 2 1/2". Shpg. wt. 1 lb.

W20105—Your Cost Each 57c
Less 2% **52c**
Lots of 5. Each. **.53c**
Lots of Five. Each, **Less 2% .52c**

Standard Size 22 1/2 V. "C" Battery

Type 768—Equipped with plug-in and clip terminals. Designed to reduce voltage in step with "B" battery decline. Shpg. wt. 2 lbs.

W20106—Your Cost Each 66c
Less 2% **65c**
Lots of 5. Each. **.60c**
Lots of Five. Each, **Less 2% .59c**



Portable Size—22 1/2 V. "C"

Type 778—Used as "C" or "B" battery. 8 Fahnestock clips. 4 1/2 x 2 1/2 x 2 3/4". Ideal for portable equipment because of its compactness. Shpg. wt. 2 lbs.

W20107—Your Cost Each 66c
Less 2% **65c**
Lots of 5. Each. **.60c**
Lots of Five. Each, **Less 2% .59c**



Type 771 4 1/2 V. "C" Battery

Very useful in ohmmeters as well as for "C" bias supply. Plug-in and clip terminals. Use same size cells as type 768. Size 4x1 3/4 x 3 1/8". Contains three cells in series. Furnished following potentials: plus, minus 3,

minus 4 1/2 volts. Shpg. wt. 1 lb.

W20108—Your Cost Each 23c
In lots of five **Your Cost Each 21c**

Type 761T 4 1/2 V. "C" Battery
Similar to above in application, except that four screw terminals are provided. Potentials: minus 1 1/2, minus 3, minus 4 1/2 volts.

W20109—Your Cost Each 23c
In lots of five **Your Cost Each 21c**



4 1/2-V. "C" Battery Screw Terminals

Type 781—Measures 2 1/2 x 3/4 x 2 1/4". Finds use in sets as "C" bias, in analyzers, ohmmeters, etc. Shpg. wt. 1 lb.

W20110—Each 31c
Less 2% **30c**
Lots of 5. Each **28c**
Lots of Five. **27c**
Each, **Less 2% .27c**

Test Batteries

Type 703—4 1/2 v. Fine for flashlights, test sets, ohmmeters, etc. Contains 3 cells connected in series in a single wrapper. Size 2 5/8 x 2 1/2 x 3/8". Shpg. wt. 1 lb.

W20111—Your Cost .20c



Type 750—Terminal voltage, 3 volts. Contains two cells in series. Size 2 3/4 x 1 3/4 x 3/8". Shpg. wt. 1 lb.

W20112—Your Cost Each .10c

Type 751—Furnishes potential of 4 1/2 volts. Contains three medium size cells connected in series. Size 2 1/2 x 2 x 3/8". Shpg. wt. 1 lb.

W20113—Your Cost Each .20c

Type 773 7 1/2-V. "C" Battery With Screw Terminals

Tapped at 1 1/2, 3, 4 1/2, 6 and 7 1/2 volts. Measures 2 3/4 x 4 x 1 1/2". Supplies an unusually flexible source of "C" bias or polarizing potential. Shpg. wt. 2 lbs.

W20114—49c
Less 2% **48c**
Lots of 5. Each. **.44c**
In Lots of Five. **43c**
Each, **Less 2% .43c**



Compact Portable Batteries



A series of extremely small batteries designed especially for lightweight equipment where portability is of prime importance. All are equipped with brass knurled nuts. Sturdily constructed.

Type X-200—3-volt "A" battery of high capacity. 3 3/4 x 1 3/4 x 5 3/8". Shpg. wt. 2 lbs.

W20115—Your Cost Each 57c
Less 2% **56c**

Type X-201—45-volt "B" battery; measures 3 1/2 x 2 1/4 x 4". Wt. 2 lbs.

W20116—Each \$1.05
Less 2% **\$1.03**

Type X-202—3-volt "A" battery; 2 5/8 x 1 1/4 x 2 1/4". Shpg. wt. 1 lb.

W20117—Your Cost Each .25c

Type X-203—45-volt "B" battery; measures 2 1/2 x 1 1/4 x 2 3/8". Wt. 1 lb.

W20118—Each \$1.60
Less 2% **\$1.57**

Type X-204—7 1/2-volt "C" (tapped at 4 1/2 v.), 2 1/2 x 1 1/4 x 1 1/8". Wt. 1 lb.

W20119—Each .44c
Less 2% **43c**

3-V. Dry "A"

Type X-124

A dry "A" pack designed for 2-volt radio receivers. Will supply approximately 400 hours of service when used 3 hours per day on a set drawing 1/2 ampere. Insulated terminals. Size 10 1/2 x 10 1/2 x 6 3/4". Ideal for farm, camp, boat, etc. Furnishes enough energy for ample periods. Shpg. wt. 42 lbs.

W20120—Your Cost \$5.25
Less 2% **\$5.14**



3-Volt Dry "A" Battery Type X-125

A dry "A" battery similar in construction to the type X-124 described above, but smaller. Has the same characteristic of declining voltage with age as found in other dry batteries, thus necessitating the use of a tapped resistor. Measures 1 1/2 x 4 1/4 x 6 1/4". Shpg. wt. 16 lbs.

W20121—Your Cost \$2.27
Less 2% **\$2.22**



1 1/2-V. Dry "A" Cell Type 7111

Equipped with non-breakable metal top—an exclusive Eveready feature. Can be connected in different series—parallel combinations to obtain any desired voltage and current capacity. Different connections are printed on the jackets of Type 7111 cells. Exceptionally long life. 2 5/8" diameter and 6" high. Shpg. wt. 2 lbs. each.

W20122—Each, 31c
Less 2% **30c**
Lots of 25. Your Cost Each **28c**
Lots of 25. **27c**

No. 6 Columbia "Ignition"

Similar to the Type 7111 dry cell described above, but designed to give considerably larger output for short intervals, as needed in interrupted types of service such as ignition, doorbells, alarm systems, etc. Shpg. wt. 2 lbs.

W20133—Your Cost Each .25c
Less 2% **.24c**
Lots of 25. Your Cost Each **23c**
Lots of 25. Each, **Less 2% .22c**

Flashlight Cells

Type 950—May be connected in series parallel for a multitude of uses. Extra long-life cells and have the unique metal-top construction of the Eveready line. Although primarily a flashlight unit, this cell is used for dozens of other purposes; ideal for portable instruments, laboratory, experimental work and electric toys. Size 1 1/4" diameter, 2 3/8" high. Potential, 1 1/2 volts.

W20124—Your Cost 6 1/2c



"Baby" Size Flashlight Cells

Type 935—Baby size dry cells for low current needs. Same quality construction as featured in above units. Measures 1" in diameter, 1 1/4" high. Same potential as above cell. Its small size adapts it for innumerable uses.

W20125—Your Cost Each 6 1/2c

We Will Not Knowingly Be Undersold





TOOLS and HARDWARE for

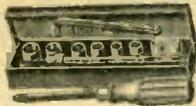
RADIO SOCKET WRENCH SETS

Handy All Steel Set



Will stand the hardest usage. Five interchangeable sockets: $\frac{1}{4}$ ", $\frac{3}{16}$ ", $\frac{1}{2}$ ", $\frac{5}{8}$ " and screw driver bit. Cadmium plated. Knurled handle. Sockets easy to remove, yet will not loosen while working. Spare wrenches fit into hollow handle when not in use. Easy to grip. Shpg. wt. 1 lb. **W14749—Your Cost..... 43¢**

ELEVEN-PIECE KIT



Consists of 11 pieces in green steel box. 6 $\frac{1}{2}$ " wood handle, 4" ell, 3 $\frac{3}{4}$ " extension adapter, $\frac{1}{4}$ ", $\frac{3}{16}$ ", $\frac{1}{2}$ ", $\frac{5}{8}$ " hex sockets, $\frac{3}{8}$ " round knurled socket, and $\frac{3}{8}$ " and $\frac{1}{2}$ " square sockets. **W15130—Your Cost.... 74¢**

INDESTRO Sturdy Socket Wrench Set

A sturdy wrench set finished in bright cadmium with black wood handle. With $\frac{1}{4}$ ", $\frac{3}{16}$ ", $\frac{1}{2}$ " and $\frac{5}{8}$ " hex sockets, $\frac{3}{8}$ "

Easy Grip Wooden Handle
Strong Construction



round knurled nut socket, and screw driver socket. Shpg. wt. 1 lb. **W15111—Your Cost..... 38¢**

SPIN TYPE Socket Wrenches—Straight and



Handy Offset Types

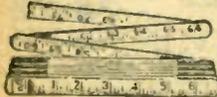
Firm grip, ribbed wooden handles. Cadmium plated shanks. Have deep holes in ends of shanks that will take long screws up to No. 10. Straight types, 6" and 9" long. Offset type is 6" long. These spin-tites take standard hexagon nuts.

Size	6" Straight	9" Straight	6" Offset
$\frac{1}{16}$ " nuts	W15203	W15209	W15206
$\frac{1}{8}$ " nuts	W15051	W15107	W15207
$\frac{3}{16}$ " nuts	W15052	W15109	W15208
$\frac{1}{4}$ " nuts	W15053	W15108	W15212
$\frac{5}{16}$ " nuts	W15054	W15110	W15213
$\frac{3}{8}$ " nuts	W15204	W15210	W15214

Type	A	B	C
Your Cost	10¢	12¢	12¢
Any Size	W15205	W15211	W15215
Set of 6	52¢	62¢	62¢

Type	A	B	C
Your Cost	12¢	12¢	12¢
Any Size	W15211	W15215	W15215
Set of 6	62¢	62¢	62¢

6 Foot Folding Rule



Made of boxwood with yellow finish. Self-locking metal bindings. Subdivided into quarters, eighths and sixteenths. Shpg. wt. 8 oz. **W14978—Your Cost Each..... 15¢**

Angle Wrenches

Adjustable angle wrenches of high quality drop-forged steel. Get into tight places. Adjusting screw will not jam. Cadmium plated.

W15141—6" size
Your Cost..... **45¢**

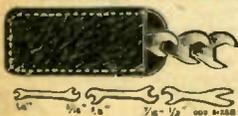
W15142—8" size
Your Cost..... **54¢**

Tap Wrench

Up to $\frac{3}{8}$ " Tap

High quality carbon steel tool. Will take up to $\frac{1}{4}$ " tap. Used for threading holes. Shpg. wt. 1 lb. **W14714—Your Cost..... 19¢**

Pocket Wrench Set



Handy pocket wrench set comprising three double open-end units; $\frac{1}{4}$ ", $\frac{3}{16}$ ", $\frac{1}{2}$ ", $\frac{5}{8}$ " and one for odd sizes. Made of good grade tool steel. Shipped in a convenient genuine leather case. Shpg. wt. 8 ozs. **W15081—Your Cost..... 15¢**

EXPANSIVE BITS

Made on Clark pattern. Complete with two cutters for drilling various size holes. Weight 1 lb. **W15116— $\frac{1}{8}$ to $\frac{1}{4}$ "**
Your Cost..... **95¢**

W15117— $\frac{1}{4}$ to 3"
Your Cost..... **\$1.05**

Tap and Die Sets

Invaluable for home and shop. Has most commonly used sizes for all purposes. In wooden box containing three dies cutting $\frac{1}{4}$ ", $\frac{3}{16}$ " and $\frac{1}{2}$ ", with plug and hand taps to match. Contains tap wrench and die holder. Finely tempered steel; will stand up under severe strain. U.S.S. or S.A.E. thread. Shpg. wt. 3 lbs. **W15229—S.A.E. Thread**
W15230—U.S.S. Thread
Your Cost, Either Type..... **98¢**

Wire Stripper

Strips insulation from wire easily and cleanly. Saves time. Cutting edge of tempered steel. Wt. 1 lb. **W15044—Your Cost, Each..... 9¢**

Socket Wrench Set



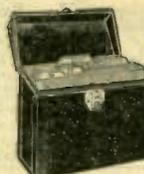
Made of cadmium plated steel. Contains one each of the following sockets: $\frac{1}{4}$ ", $\frac{3}{16}$ ", $\frac{1}{2}$ ", $\frac{5}{8}$ ", $\frac{3}{8}$ ", $\frac{1}{2}$ ". **W15189—Your Cost..... 25¢**

Handy Hole Reamer



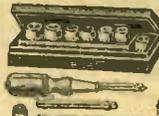
The handiest tool for reaming holes in radio panels, wood, light metals, etc. Length of blade 4". Will ream holes from $\frac{1}{8}$ " to $\frac{3}{8}$ ". Wt. 8 oz. **W15065—Your Cost Each..... 17¢**

STEEL FILE CASE



For shop notes, receipts, bills, private papers, etc. Finger-tip file and security box keeps them safe and handy. Is 12 $\frac{1}{2}$ " long, 5 $\frac{1}{2}$ " wide, 10 $\frac{1}{4}$ " deep. Holds 1000 sheets. With alphabetical index. Finished in black ripple—green inside. **W15160—Your Cost..... \$1.39**

Trustest Wrench Set and Screw Driver



Consists of a screw driver with a 3" straight and a 6" ell shaped extension. A coupling and the following sockets— $\frac{1}{4}$ ", $\frac{3}{16}$ ", $\frac{1}{2}$ ", $\frac{5}{8}$ " and one internal knurled socket to fit any 12 pt. or round nut— $\frac{3}{16}$ " to $\frac{3}{8}$ ". Shpg. wt. 4 lbs. **W15159—Your Cost..... 85¢**

Open End Wrench Sets



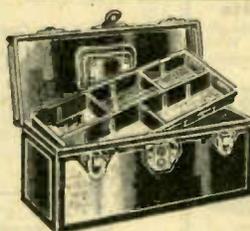
For garage, shop, home and radio service bench. Stay together where they can be found when needed. Six drop forged, open end wrenches $\frac{5}{16}$ ", $\frac{13}{16}$ ", $\frac{1}{2}$ ", $\frac{11}{16}$ ", $\frac{3}{4}$ ", $\frac{7}{8}$ ". Cadmium plated. Holder with spring catch. **W15143—Your Cost..... 69¢**

CENTER PUNCH



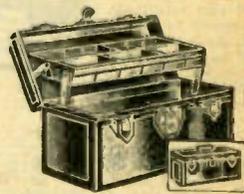
Exceptionally tough, swaged Carbon Steel. Heads and points polished. Knurled grip. **W14999—Your Cost Each 10¢**

UTILCO Steel Tool Boxes A Box For Every Use The "Utility"



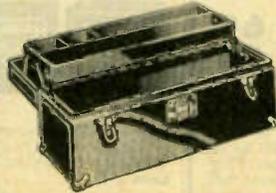
Ideal for auto mechanics, radio servicemen. Will hold many everyday tools. Loose tray with movable partitions. Heavy steel, beautifully finished. Nickel-plated hardware. Split-proof lock. Size 14x6 $\frac{1}{2}$ x6". Shpg. wt. 6 lbs. **W14870—Your Cost..... 76¢**

The "Craftsman"



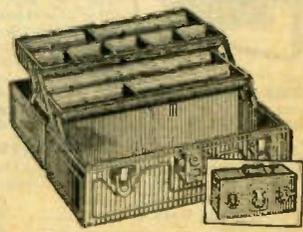
Cantilever tray pulls into position when box is opened. Contents easily accessible. Made of cold rolled steel with welded flush seams. Finished in hard baked, olive green enamel. Full grip handle. Has embossed rule on cover. Lock and key. Matched hardware. Size 14x6 $\frac{1}{2}$ x6". Shpg. wt. 7 lbs. **W14871—Your Cost, Each..... 89¢**

The "Super Chest"



Designed for rough, hard usage, and heavy tools. Made of 22 gauge cold rolled steel. Olive green color. Two keys to be used in two locks. Handle contains a steel core covered with leather. Corners are re-enforced. Dimensions 19x7x7". Shpg. wt. 10 lbs. **W15152—Your Cost..... \$2.55**

The "DeLuxe"



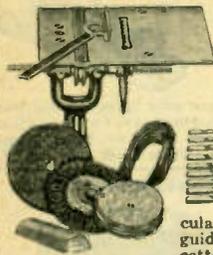
TWO DOUBLE trays with cantilever action. Particularly suited for use as a tackle box or any outdoor use. Handy rule on cover. Full grip handle. Removable tray partitions. Carefully waterproofed. Lock and catches very sturdy. Size: 13 $\frac{1}{2}$ x6 $\frac{1}{2}$ x6". Shpg. wt. 4 lbs. **W15153—Your Cost..... 98¢**



MECHANICS *and* SERVICEMEN



17 PIECE POLISHING HEAD OUTFIT



Not a toy!—but a real complete workshop outfit capable of performing good work. Will drill, grind, polish buff wire-scratch, saw and other handy work. $\frac{1}{8}$ " h.p. motor recommended. Comprises $\frac{1}{4}$ " drill chuck, 4" circular saw, saw table and guide, 4" wire brush, 3" cotton buffer, $\frac{1}{4}$ " x 4" emery wheel, 9 twist drills $\frac{1}{16}$ " to $\frac{1}{4}$ " belt, pulley. Complete as shown. Shpg. wt. 8 lbs. **W1476—Your Cost.....\$3.25**

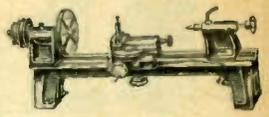
MOTOR-DRIVEN DRILL PRESS

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, $7\frac{1}{2}$ "; spindle travel, $1\frac{1}{2}$ ". Equipped with $\frac{1}{4}$ " drill chuck and $3\frac{1}{2}$ " adjustable swinging table. Overall height, 20"; width, $3\frac{1}{2}$ "; depth, 9". For $\frac{1}{4}$ " 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 user. Shpg. wt. 6 lbs. **W15133—Less bits. \$2.25 Your Cost.....**



5"x18" METAL TURNING LATHE

Single casting 20" bed, overall 25"; 18" between centers, 5" swing. Compound rest; transverse feed $2\frac{1}{4}$ "; longitudinal feed 2". 4" face plate accurately turned and machined. $\frac{1}{2}$ " V-type 2-step cone pulley; takes standard A-type $\frac{1}{2}$ " V belts or $\frac{3}{4}$ " 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. \$7.35 Your Cost.....**



RCA-VICTOR Cabinet Refinishing Kit



Contains all the necessary equipment for repairing scratched, dented, or otherwise marred furniture. All items packed in a durable leatherette case measuring $9\frac{1}{2}$ x $4\frac{1}{2}$ x $2\frac{1}{4}$ ". Contains the following: 1 can Relco Oil for cleaning; 1 can of Valvoline for rubbing; 1 assortment of sandpaper; 1 assortment of stick shellac; 2 packages of Aniline Stain powders; 1 touch-up brush; 1 spatula; 1 rubbing block; 1 instruction sheet. An essential for every serviceman. Shpg. wt. 5 lbs. **W15328—Your Cost.....\$2.90**

Auger Bits



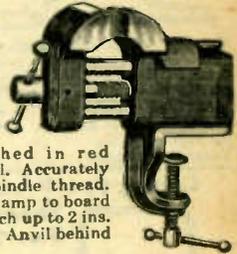
Made of high quality steel. Cut fast and clean without bindings. Cardboard box. Double cutters, deep spur. Six bits to a set. Drill sizes: $\frac{1}{4}$ " $\frac{3}{8}$ " $\frac{1}{2}$ " $\frac{5}{8}$ " and $\frac{3}{4}$ ". Shpg. wt. 3 lbs. **W14743—Your Cost 98c**

Handy Swivel Vise



Different swivel positions obtained by the action of a spring plunger. Gray iron, fine grain. Jaws are accurately machined, polished and lacquered. Screw parts nickel-plated. Jaws open $2\frac{1}{2}$ ", and have double steel guide rods. Fitted with adjustable clamp. Base finished in Black Japan, and body with Baked Enamel. Shpg. wt. 7 lbs. **W15135—Your Cost.....\$1.25**

Sturdy Bench Vise



Finished in red enamel. Accurately cut spindle thread. Will clamp to board or bench up to 2 ins. thick. Anvil behind jaw. **W14727—Jaws, 2 1/2" wide. Shpg. wt. 7 lbs. List \$2.00 Your Cost.....92c**

G. M. Co. Geared Chuck



7 to 1 geared chuck to use drills up to $\frac{1}{4}$ " in your small electric drill. Gearing increases power. Shpg. wt. 4 lbs. **W14698—Your Cost \$4.25**

14-Piece Radio Tool Set



Contains 14 practical tools for radio servicing—3" screwdriver, 5" screwdriver, scriber, reamer countersink, pliers, center-punch, socket wrench set for hex and knurled nuts, and 3 wrenches for hex nuts. Shpg. wt. 2 lbs. **W14908—Your Cost \$2.25**

Bench Grinder



Fits bench up to $1\frac{1}{2}$ " thick. Grinding wheel 4" in diam. $\frac{1}{4}$ " wide. Adjustable guide. Dirtproof gear case. Geared for high speed work for home or shop. Shpg. wt. 6 lbs. **W14729—List \$2.00 Your Cost. 95c**

Motor Chuck Arbors



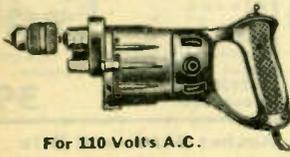
Fits shaft of any small motor in place of pulley. Equipped with flange and locking nut to hold grinding wheels, saws, etc. $\frac{1}{4}$ " three-jaw chuck. Shpg. wt. 2 lbs.

Stock No.	Unit No.	Motor Shaft	Your Cost
W15095	495	$\frac{1}{8}$ "	52c
W15096	490	$\frac{3}{16}$ "	68c
W15097	490-A	$\frac{1}{4}$ "	89c
W15098	490-B	$\frac{5}{16}$ "	



Handy Scratch Remover
For removing mars and scratches from furniture. Will last indefinitely. In durable container. **W15520—Your Cost Ea. 23c**

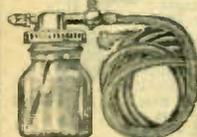
G. M. Co. Electric Hand Drill



A sturdy $\frac{1}{2}$ -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 heavy rubber-covered cable and plug. Shpg. wt. 10 lbs. **W14726—List \$25.00. Your Cost, Each \$14.85**

Power Sprayer

Operates from the spark plug of any automobile. Will spray lacquer, paint, varnish, shellac, insecticide, in fact any other finely mixed freely flowing fluid. Complete with sprayer, pint jar container, spark plug air check valve, compression tank, a set of adapters for all sizes of spark plugs, and 12 ft. air hose. Shpg. wt. 11 lbs. **W14764—List \$7.50 Your Cost Complete \$2.95**



Handy Sprayer
Air pressure supplied by any automobile tube. Complete with glass jar, 6 ft. of hose, and adjustable spray tip. Will spray approximately four jars from one tire tube containing 35 lbs. pressure. Shpg. wt. 5 lbs. **W14705—Your Cost 69c**

NEW! SELF-POWERED Syncro Jig Saw



New principle in jig saws. Contains its own power unit. Cuts wood, Bakelite, etc., up to 1" thick. Ideal for fret work, marquetry, model making, etc. Will work thin metals. No rotating parts—never needs oiling. Speed, 7200 strokes per minute; saws clean, smooth edges no sanding necessary. Perfectly safe. Ample turning space—saw blade to rear arm is $13\frac{1}{2}$ ". Has 10" square iron table plate, with integral cast legs which are heavy rubber tipped. Operates on 110 volts, 60 cycles a.c. With 8-ft. approved rubber-covered cable and plug. Overall height, $9\frac{1}{2}$ ", length $19\frac{1}{2}$ ". Furnished with 6 saw blades. Shpg. wt. 21 lbs. **W15194—Complete with instructions. \$8.95 Your Cost. SYNCRO JUNIOR, as above but with 6" table, 8" throat. For lighter work. Shpg. wt. 14 lbs. \$3.95 Your Cost.....**

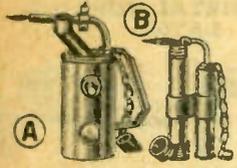
10-Inch Motor-Driven Jig Saw



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 $\frac{1}{2}$ " belt. Recommended speed, 700 r.p.m. for average work. Will cut stock up to $1\frac{1}{2}$ " thick. Shpg. wt. 6 lbs. Motor and blades not supplied. **W14979—Your Cost \$1.39 W14989—Six 5" blades Your Cost, per set 18c**



QUALITY TOOLS and



LENK Automatic Alcohol Blowtorches

These alcohol torches are a big favorite with the radio man because of their neatness, efficiency and ease of operation. Made of brass, nickel plated, highly polished. Entirely automatic.

Type A: Double burner, one for needle point flame, add the attachment for heavy flame. Pressure release valve eliminates sputtering, evaporation and leaks. Cleaning pin in handle. Size 7x4 $\frac{1}{4}$ x3". Shpg. wt. 4 lbs. **W14866**—List \$5.00 **\$2.94** Your Cost

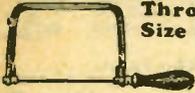
Type C: A very handy little torch for the tool box. Solid base makes it mechanically leak proof. Screw cap makes loading easy. Nozzle cap prevents evaporation. Copper heat conductor generates quickly. Size 6 $\frac{1}{2}$ x2 $\frac{3}{4}$ x1 $\frac{1}{2}$ ". Shpg. wt. 2 lbs. **W14868**—List \$1.50 **90¢** Your Cost

UNIVERSAL Hack Saw



Although adaptable for all general purposes is especially good for work in tight places. Thin quick cutting blade and tension adjusting handle. Shpg. wt. 3 lbs. **W15186**—Your Cost **25¢**
W15187—Blades Your Cost Each **5¢**

Coping Saw Frame Throat Size 7"



Easily adjusted to face blade any desired direction. Has easy-grip, polished wood handle. With one blade. Shpg. wt. 3 lbs. **W15091**—Your Cost **29¢**
Steel Coping Saw Blades for above, and standard frames. **W15092**—Your Cost per Dozen **15¢**
Your wire coping saw with blade. Shpg. wt. 2 lbs. **W15113**—Your Cost **9¢**
Extra blades. Shpg. wt. 2 lbs. **W15139**—Your Cost per Dozen **9¢**

Close-Cut Hack Saw



Fits where ordinary hack saws cannot be used. Ribbed, wire handle will not tire hand after long periods. Frame contains a special design wave set, 10" blade. Shpg. wt. 2 lbs. **W15093**—Complete **55¢**
Your Cost
Extra Blades for above. **W15094**—Your Cost for Three **30¢**

Rubber Pistol Grip Hack Saw Frame



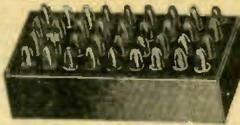
Pistol grip handle made of moulded rubber. Frame adjustable to various size blades and of very heavy construction. Complete with 8" blade. Shpg. wt. 2 $\frac{3}{4}$ lbs. **W15137**—Your Cost **44¢**

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"	39¢
W14966	10"	45¢
W14967	12"	54¢

Steel Letter and Figure Die Set



Complete alphabet of steel punches with which steel tools and any other softer materials may be permanently marked for identification. Also contains a complete set of numerals. Radio servicemen can use it for stamping serial numbers on repair jobs or on custom-built sets. Shpg. wt. 9 lbs. **W14977**—Complete set with holder Your Cost **\$1.49**

Handy Steel Calipers



Opens To 3" Measures inside and outside diameters up to 3 inches, calibrated in $\frac{1}{8}$ " and $\frac{1}{16}$ " part of an inch. Has knurled locknut. Indispensable to the careful constructor. **W14891**—Your Cost **10¢**

LENK Torch Gasoline Type



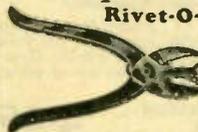
For service men and mechanics. Has flame control, shut-off valve, and many other features. Height 7 $\frac{1}{2}$ ", base dia. 8". Polished brass finish. Capacity $\frac{3}{4}$ " pint. Shpg. wt. 4 lbs. **W14855**—Your Cost **\$1.03**
W14856—Same, but for alcohol. Your Cost **\$1.18**

Special Carbon Twist Drills



Assortment of nine drills; sizes $\frac{1}{16}$ " to $\frac{3}{16}$ ". Good steel; fast cutting. Correctly ground and will hold their edge. In wood box so that they can be kept track of, rather than be scattered over the work bench. Contains those popular sizes necessary for radio work. Handy for the serviceman's tool kit. Shpg. wt. 2 lbs. **W14709**—Your Cost **25¢**

Special Rivet-O-Punch Tool



Punches holes—fastens rivets, in leather, fibre, paper or canvas. Can be used to make solderless lugs, etc. Complete with box of brass eyelets. Shipping Weight 1 lb. **W15046**—List \$2.00 **59¢** Your Cost

Aluminum Pocket Level



Small and lightweight. Very handy for serviceman and mechanic. Has two indicators, for vertical and horizontal adjustments. Measures only 5 $\frac{3}{4}$ " long and 1 $\frac{1}{2}$ " high. Attractive and accurate. **W15285**—Your Cost **30¢**

Volume Control Wrench



One of the handiest tools ever devised for the radio serviceman. Used to tighten or loosen the shank nut on all standard volume controls. Will get under many knobs without removing them. Shpg. wt. 1 lb. **W6387**—Taxley No. 178. Your Cost **10¢**

Tinner's Snips



Finest grade drop-forged shears. 10" long with polished blades and red enameled handles. Shpg. wt. 2 lbs. **W15118**—Your Cost **45¢**

Block Plane



Low Cost

A 7" plane with hardened and tempered steel blade $1\frac{1}{4}$ " wide. Adjustable cutter. Shpg. wt. 3 lbs. **W14730**—Your Cost **49¢**

Compact Level Guide



Guaranteed accurate. Non-freezing liquid. Nickel plated. Length 2 $\frac{3}{8}$ ". Shpg. wt. 8 oz. **W14981**—Your Cost **10¢**

GOODELL PRATT Automatic Drill



Drills are contained within cap of tool. Special cap lock ejects size drill desired. Four jawed chuck security grips drill. Rotary motion is imparted to drill. Bakelite handle. With 8 drills $\frac{1}{16}$ " to $\frac{1}{4}$ " dia. **W15283**—Wt. 2 lbs. **\$1.25** Your Cost

G. M. Co. Hand Drills

Finely machined hand drills with $\frac{1}{2}$ " 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 rills with this tool! High speed gears. Shipping weight 2 lbs. **W14723**—With side knob—List \$2.00 **79¢** Your Cost
W14724—Without side knob—List \$1.50 **69¢** Your Cost

6-Ft. Steel Tape Rule



Polished nickel plated case, 2" diameter. Flexible steel concave $\frac{5}{8}$ " tape graduated in $\frac{1}{8}$ ", $\frac{1}{16}$ " and inches. **W14968**—Your Cost **39¢**

Ratchet Brace and Bits

Steel brace has 10" sweep. Round knurled alligator jaw chuck with spring. Ring ratchet adjustment. Set of 6 Irwin auger bits, sizes: $\frac{1}{8}$ ", $\frac{3}{16}$ ", $\frac{1}{4}$ ", $\frac{5}{16}$ ", $\frac{3}{8}$ ", and $\frac{7}{16}$ ". Ratchet brace with set of bits. Shpg. wt. 6 lbs. **W14735**—Your Cost **\$1.98**

Ratchet brace only. Shpg. wt 4 lbs. **W14736**—Your Cost **51.10**

High Speed Breast Drill

Excellent for radio service man, constructor or for the home workshop. Very sturdily constructed. Chock-holds up to $\frac{1}{2}$ " drill. Three spring controlled, case-hardened steel jaws within chuck insure against bit slipping. Properly meshed two-speed gears and mahogany handle. Designed for heavy work and to minimize fatigue generally encountered in ordinary type drills. Entire weight of body can be thrown on drill. Entire drill finished in polished nickel and red and black enamel. Shpg. wt. 6 lbs. **W14993**—Your Cost **\$1.98**



HARDWARE *for Every Purpose*

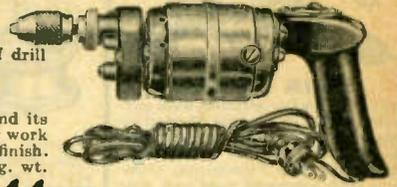


A NEW ELECTRIC SPEED DRILL \$7.44 OPERATES ON ALTERNATING OR DIRECT CURRENT

Here is the most amazing value in the tool field available today. A real speed electric drill with pistol grip, 110-volt universal motor, long rubber-covered cable and plug and numerous other outstanding features all at a price that you would ordinarily pay for a good hand-drill.

It operates on low wattage making it very economical to use. It has the highest grade mica insulated commutator—insuring long motor life. Ample ventilation permits the motor to run cool—another long-life feature. A knurled collar permits easy removal and insertion of drill bits without fuss or loss of time.

FOR ONLY **7.44** COMPLETE



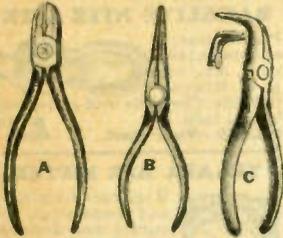
Takes Up to 1/4" Drills

An ample pistol grip is of cast aluminum, and its lightness like the rest of the unit, permits long work with no fatigue. Aluminum and red paint finish. **W14731**—Speed electric drill, less bits. Shpg. wt. 7 lbs. **Your Cost, Special \$7.44**

Drills Through 1/4" Steel

Its outside diameter of only 2 1/4 inches permits drilling 1/4 of an inch from corners. A semi-recessed switch which is mounted in the handle, and recessed brush holders prevent damage to these vulnerable items when laying the drill on the bench. Phosphor-bronze thrust bearings insure long life.

KLEIN'S PLIERS



A—Oblique Cutting Pliers with Wire Stripping Notch. Cutting pliers with the addition of a notch in the knives for use in stripping insulation. Lap joint. Narrow head. 6" long. Shpg. wt. 3 lbs. **W15223—Your Cost \$2.30**

B—Long Nose Side Cutting Plier. Hardened and tempered to insure positive grip at the tip. Sharp, carefully fitted cutting knives. Shpg. wt. 3 lbs. **W15221—6" long. Your Cost \$2.20**

C—Long Curved Nose Plier. A handy plier for working in close quarters around radio chassis, etc. Jaws will not lose their shape. 6" long. Shpg. wt. 2 lbs. **W15224—Your Cost \$2.30**

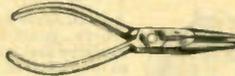
★ SPECIAL VALUE TOOLS ★

Diagonal Cutting Pliers



A very popular plier with all servicemen. 5 1/4" long. Shpg. wt. 3 lbs. **W15127—Your Cost Each 32¢**

Long Nose Pliers



5 1/2" polished forged steel. Side cutting telephone type. Shpg. wt. 3 lbs. **W15241—Your Cost 32¢**

HAMMER-SCREW DRIVERS



One of the handiest tools in any kit. A fine brass handle screw driver inserts in hammer handle. 7 3/4" long. Shpg. wt. 2 lbs. **W15163—Your Cost 19¢**



A tiny claw hammer with a steel screwdriver inserted in the shank, forming a handle. Fine for portable tool kits. 4 3/4" long. **W15164—Wt. 2 lbs. Your Cost 14¢**

4-in-1 Screw Driver



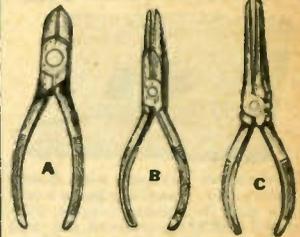
Four sturdy tools of diminishing size for all jobs. Each nests within its larger companion. 6 3/4" long. Shpg. wt. 1 lb. **W15162—Your Cost Each 19¢**

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¢**

KRAEUTER PLIERS



You owe it to yourself to own at least two good pairs of pliers. Kraeuter 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—5 1/4" long. Your Cost \$1.20

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. Your Cost 95¢

Needle Nose Pliers
C—Furnished with an extra long finely tempered nose, for reaching into difficult places. Length, 6" W15076—Your Cost 98¢

Nickel Radio Pliers



A handy all-around plier, neatly made. Has knurled handles for positive grip and is equipped with long, slotted fulcrum. Shpg. wt. 3 lbs. 6" long. **W15132—Your Cost 32¢**

Nickel Thin Nose Pliers



A special nickel plier with long nose. Fine for getting into tight places. Has toothed pipe jaw and ridged flat jaw. With knurled grips. Sturdy construction. 6 1/2" long. Shpg. wt. 3 lbs. **W15129—Your Cost 33¢**

Lineman's Pliers



A sturdy heavy tool. Sharp cutters with strong handles. 6 1/2" long. Ridged jaws and knurled grips. Shpg. wt. 3 lbs. **W15128—Your Cost 37¢**

GOODELL-PRATT Right Angle Ratchet Screw Driver



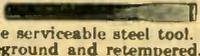
Enclosed ratchet mechanism. Removable bit 5/8" wide, 1 1/2" long. Tool is 4" long. Simplifies work done in cramped quarters where limitation of space prevents the use of any other type of tool. So constructed that it will operate with 1/2" swing. Will stand up under rough service. Shpg. wt. 1 lb. **W15232—Your Cost 49¢**

Thin Bent Nose Pliers



For hard-to-get-at places. Drop forged steel heavily nickel plated. Handle is knurled for steady gripping. Shpg. wt. 3 lbs. **W15131—Your Cost 25¢**

COLD CHISEL



A fine serviceable steel tool. Can be reground and retempered. **W15179—1/2" chisel. Shpg. wt. 2 lbs. Each 7¢**

Insulated Screw Drivers

Insulated shaft and handle.
W15225—4 1/4", Each 14¢
W15226—6 1/4", Each 20¢
W15227—8 1/4", Each 25¢
W15228—Set of 3. Your Cost \$4¢

ELECTRICIAN'S SCREW DRIVER

Slender polished blade with forged point. Length of blade 6". Shpg. wt. 1 lb. **W15059—Your Cost 10¢**
Per Dozen \$1.00

GOODELL-PRATT Radio Screw Driver

Long slender blade especially suitable for radio work. Small end so as to fit set screws in radio knobs. 3" blade. Shpg. wt. 8 ozs. **W14949—Your Cost Each 23¢**

Shockless Screw Driver

Handle and Ferrule are moulded in one piece of Black Composition. 6" long. Shpg. wt. 1 lb. **W15060—Your Cost 12¢**
Per Dozen \$1.20

GOODELL-PRATT Small Screw Drivers

Two useful small screw drivers. Good for small screws, such as found in radio knobs, etc. One has a 1 1/2" blade, and the other is 2 1/2" long. **W15282—Your Cost, 9¢ Per Pair**

SCREW "GRIP" 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. **W14721** Blade Length 4x 1/2" Your Cost 35¢
W14722 10x 1/2" 45¢

POCKET RATCHET SCREW DRIVER

Insulated handle. 6" long. Shpg. wt. 1 lb. **W15233—Your Cost 19¢**

We Will Not Knowingly Be Undersold



Modern HOUSEHOLD APPLIANCES

The Coffurette

Warm or Cold Air For 110 V. 60 Cycle A. C.



HAIR DRYER

Dries hair in a few minutes with current of warm or cool air selected by conveniently placed toggle switch. Motor weighs only 30 ounces. Polished aluminum trimmings. Complete with approved cord and plug and "on-off" toggle switch. Shpg. wt. 4 lbs.

W18144—Your Cost... **\$4.25**
"SUNSHOWER" PAD



Live rubber envelope with downy fabric cover. Has three heats available with thermostat control. Furnished with approved cord, plug and cord switch. Perfectly safe and practicable. Wt. 3 lbs. 110 volts, 60 cycles a.c.

W18373—Your Cost... **\$1.75**

SINGLE HEAT PAD

A low-priced, high quality one heat pad. With thermostat control and downy fabric cover. Wt. 2 lbs. 110 volts, 60 cycles a.c.

W18389—Your Cost Each **89¢**

TAYLOR "Humidiguide"

An accurate hygrometer-thermometer that shows at a glance the moisture and the temperature in the room. An invaluable aid to health. In modern satin black case 6x4x1 1/4". Dial is grained aluminum with thermometer to match. Each in attractive box. Shpg. wt. 3 lbs.

W18385—Your Cost Each... **\$2.63**



VISI-VAC COFFEE MAKER



Full-flavored fragrant coffee—never less than perfect—assured by using a Visi-Vac coffee maker. Brews 50% more coffee per pound. Patented strainer keeps brew free of grounds. Bowls of heat-proof glass in design. Hand-some, insulated black handle. Available in two sizes. Shpg. wt. 7 lbs.

W18375—6 cups **\$2.49**
Your Cost Each
W18376—8 cups **\$2.75**
Your Cost Each

GILBERT MIXER

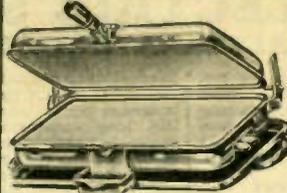


A small home size, sturdy, practical machine that mixes malted milk or any other type of drink perfectly. Includes a glass mixing cup, finished in white enamel and handsome lines. Equipped with the famous Gilbert Universal motor. A toggle switch is conveniently located for "on-off."

Operates on 110 volts, either a.c. or d.c. With approved rubber cord and plug. Shpg. wt. 8 lbs.

W18350—Your Cost... **\$4.45**

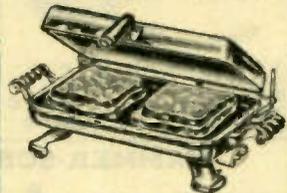
NEW GRILLETTE SANDWICH TOASTER



Will toast 2 sandwiches at a time, fry eggs, grill bacon, etc. Grill surface 10x5 1/4". Provided with a 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.

W18351—Less cord. **98¢**
Your Cost Each

GRILLETTE MODEL 6 SANDWICH TOASTER

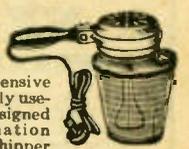


An extremely low-priced sandwich toaster. Entire assembly is nickel-plated with polished grids. Quick heating elements. Can be used for heating hamburgers, "weenies," etc. Black insulated composition handles. Has prongs for standard female plug. Shpg. wt. 5 lbs.

W17737—Grillette No. 6 sandwich toaster, less cord and plug. **\$1.19**
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 amperigrip handle through which passes the approved cord and plug. Shipping weight 6 lbs.

W18124—Your Cost... **\$1.10**

BAKELITE NITE LITE

Plugs into any receptacle, 110 volts, a.c., or d.c. Black Bakelite. Complete with switch and Mazda bulb.



W13239—Your Cost... **24¢**

TELAIR AIR METER

Registers humidity and temperature. Accurate and dependable. In Bakelite case 3 1/2 x 4 1/2 x 2". Wt. 2 lbs.



W18032—Your Cost... **\$1.32**

WINDOW FAN



A sturdily constructed 8" electric fan mounted in a handsomely finished metal frame. Two special louvers across opening can be adjusted to prevent entrance of rain. Four airplane blades protected by wire guard. Entire assembly mounts like a screen or can be permanently secured into place. Adjustable from 24 to 32". With 6-ft. cord and plug. For 110 volts, a.c. only. Wt. 10 lbs.

W18155—Your Cost... **\$2.75**

DETECTO "ACE" SCALES

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 up-to-date home. Arranged so that the floating rack brings the dial to a quick stop. Registers accurately up to 300 pounds. Ivory enamel finish with washable black mat. Shpg. wt. 10 lbs.



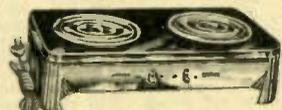
W17745—Your Cost Complete... **\$2.65**

H-B ICELESS FREEZER

Made by the famous Hamilton-Beach manufacturers of appliances. Makes old fashioned ice-creams, sherbets, frozen-ices, etc., in any mechanical refrigerator. This new motor-driven freezer stirs the mixture as it freezes. Just place it in the ice-cube compartment, plug in and a delicious dessert will result. Cast aluminum, easy to clean; wooden paddles; capacity 1 1/2 quarts. For 110 volts, 50/60 cycle a.c. only.

W18372—Shpg. wt. 9 lbs. **\$7.50**
Your Cost Complete

MARION HOT PLATE Double Hot Plate



The twin hot plate illustrated above is equipped with two 6-inch electric heater units employing the finest resistance wire, and controlled by two heavy toggle switches. Each switch controls one of the two burners, so that either can be used independently of the other. Ideal for use in the summer bungalow, for heating baby's bottles, etc. The entire unit is constructed of heavy-gauge metal with attractively finished green enameled body and polished black enameled top. With approved cord and plug. Shpg. wt. 9 lbs.

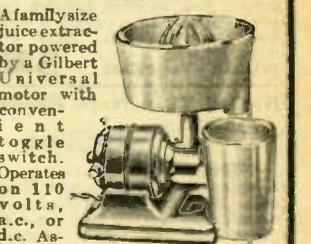
W18370—Twin plates **\$1.89**
Your Cost Complete

SINGLE HOT PLATE

Similar to the above, but with one heater unit. Shpg. wt. 6 lbs.

W18371—Your Cost Complete **\$1.15**

Famous SUNKIST Juice Extractor



A family size juice extractor powered by a Gilbert Universal motor with convenient toggle switch. Operates on 110 volts, a.c., or d.c. Assembly consists of a cast metal base with fork for glass insertion, a serving size orange colored glass with aluminum strainer, deep glass juice extracting bowl and beetleware reaming bulb. It makes serving of the morning orange juice a simple and rapid procedure; easy to keep clean. Finished in ivory and chromium plate to grace the modern kitchen. Size 7x7 1/2".

Furnished with approved cord and plug. Shpg. wt. 3 lbs.

W18168—Complete **\$4.95**
Your Cost Each

HEATER CORD SET

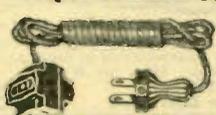


Rayon-covered 6-ft. heater cord with Bakelite plug and cap. W13325—Your Cost... **15¢**

Armored Cord Set

Similar to the above, but with armored heater plug. W13326—Your Cost... **20¢**
Armored heater plug only. Use with irons, toasters, etc. W13291—Your Cost... **8¢**

Trio Tap Extension Cord

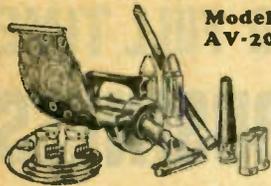


Approved type extension cord with Bakelite handle plug at one end and three-way tap at the other. Useful in work shop and in the home. Shpg. wt. 1 lb.

W13293—6 feet **20¢**
Your Cost
W13296—16 feet **32¢**
Your Cost

Modern HOUSEHOLD APPLIANCES

G. E. Tidy Cleaner



Model AV-20

An all around servant for the busy housewife. Midget cleaner weighs only 4½ lbs., but does a remarkable number of cleaning jobs. With attachment, reaches from floor to ceiling. Fixed sweep action brush loosens surface litter. With glass deodorizer and insect repeller and 2 cans of dichloride crystals. Sealed-in motor requires no oiling. For 105-125 volts, a.c. or d.c. With 15-ft. cord and plug. Written 1-year guarantee. Complete with accessories and instructions. Shpg. wt. 9 lbs. **W17780—Your Cost \$12.95**

G.E. VACUUM CLEANER Model AV-1



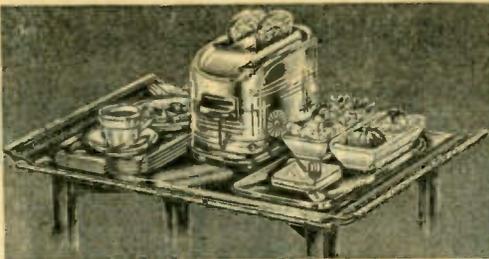
Revolving Brush—18-Ft. Approved Cord.

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. Shpg. wt. 20 lbs. **W17782—Your Cost \$21.95**

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 7¼", width 16", length 26¼". Shpg. wt. 17½ lbs.

W18120—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.

W18117—Your Cost \$14.75

Two-Slice Toastmaster Toaster only. Shpg. wt. 7 lbs. \$11.95

W18108—Your Cost \$3.75

FOLDING WALNUT SERVING STAND

Fits both standard and deluxe models. Solid walnut, folding type. Simplifies serving. Shpg. wt. 11 lbs.

W18116—Your Cost \$3.75

Toastmaster "Junior" Toaster

Makes perfect Toastmaster toast, but unlike the fully automatic Toastmaster, it requires watching. Just drop in bread, press down lever, and the current comes on automatically. When toast is done as you like it, a finger touch of the lever will pop it up for inspection or use. If not finished, just lower toast for a few more seconds. Current automatically shut off when toast is popped up. Shpg. wt. 6 lbs.

W18107—Your Cost \$5.60

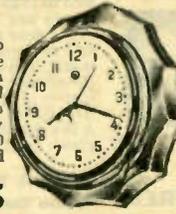


G. E. "New Hostess Clock"

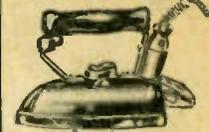
A new wall-type kitchen clock that fulfills the two major requirements for kitchen duty: accurate time-keeping and beauty of appearance. Has a 7½" dial and is 2" deep. Case is of Beetleware and is available in ivory or green. Niral (similar to chrome) trimmings. Full sweep second hand; ivory dial. Sealed-in synchronous motor operates on 110 volts, 60 cycles a.c. only. With approved cord and plug set. Shpg. wt. 3 lbs.

W18080—Green Your Cost \$3.95

W18081—Ivory Each \$3.95



G. E. A-C-Matic Iron

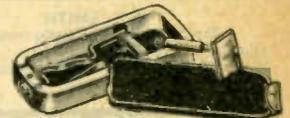


Your Cost \$3.90

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 125 volts a.c. only. Consumption, 660 watts.

W18110—Your Cost \$3.90

Genuine ROLLS Razor



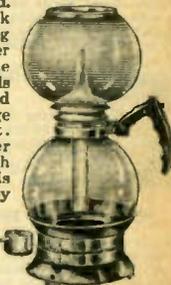
Uses the finest Sheffield tool steel and is hollow ground, just like the barber's straight razor. Self-contained hone and strop; a few strokes on the mechanical stroker, than a stropping and the blade is perfect. Safe in action—lasts a lifetime. Contained in a nickleod compact case, ideal for home or travel. Shpg. wt. 2 lbs.

W18150—No. 2 Rolls \$6.65

Your Cost \$6.65

G. E. "Mohawk" Electric Coffee Maker

Modernly styled. Has cool black Calmold pouring handle on lower bowl. Genuine Pyrex glass bowls are guaranteed against breakage due to heat. China drainer assembly with lifting handle is held in place by a corrosion proof Monel metal spring—the only metal used. Beetleware coffee measure and extra strainer cloth furnished. Chrome finished metal parts. With 6-foot cord and plug. Shpg. wt. 5 lbs.



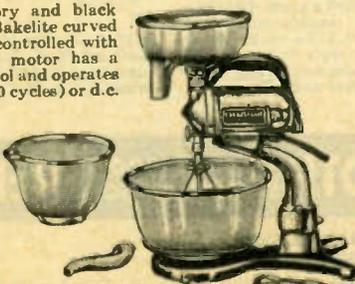
W18170—6 cup \$3.75

W18171—8 cup \$3.75

Your Cost Each \$3.75

HAMILTON-BEACH Electric Mixer

Finished in baked-on ivory and black enamel. Equipped with a Bakelite curved handle and can easily be controlled with one hand. The powerful motor has a tapped field for speed control and operates on 110/125 volts a.c. (25-60 cycles) or d.c. All motors include built-in radio interference filter. Speed control is near handle for easy one-hand control. Comes with chromium plated double beater for all mixing; single agitator for drink mixing. Rubber feet. Opaque glass bowls in ivory finish; large bowl holds 3 qts., small bowl holds 1 qt. Bowls revolve automatically on base. Complete with instructions. With approved cord and plug set. Shpg. wt. 12 lbs.



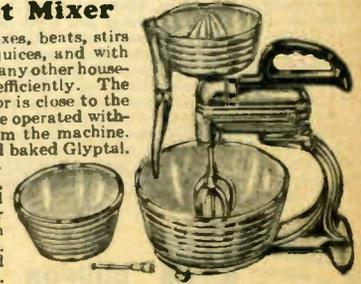
W18275—Your Cost—Less juice extractor \$14.45

W18137—Juice extractor only (illustrated above). Each \$1.95

Additional accessories are available. Write for free circular.

G. E. Hotpoint Mixer

This new G.E. portable mixes, beats, stirs and whips foods, extracts juices, and with its attachments, performs many other household duties quickly and efficiently. The switch for the 3-speed motor is close to the pistol grip handle and can be operated without removing the hand from the machine. Finished in bright silver and baked Glyptal. Standard equipment consists of mixing unit with base, double beater, two opal white bowls, juice extractor and oil dripper. Operates on 115-125 volts a.c. or d.c. Equipped with approved rubber cord and plug. Shpg. wt. 18 lbs.



W18342—Your Cost \$15.95

Additional Accessories for the Above.					
No.	Description	Each	No.	Description	Each
W17727	Reduction Unit.	\$3.35	W17731*	Shredder.	\$2.95
W17728*	Food Chopper.	1.30	W17732	Drink Mixer.	1.69
W17729	Knife Sharpener.	.55	W17718*	Ice Crusher.	1.49
W17730	Grater.	.55	W17719	Pea Sheller.	1.49

*Means accessory requires the use of speed reduction unit.

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President, National Radio Institute

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MAKES \$50 TO \$60 A WEEK



"I am making between \$50 and \$60 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."—IL W. SPANGLE, 308 Walnut St., Knoxville, Tenn.

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 for Well Trained Men

Radio already gives jobs to more than 300,000 people. In 1935 over \$300,000,000 worth of sets, tubes and parts were sold—an increase of 20% over 1934! Over 1,100,000 auto Radios were sold in 1935, 25% more than in 1934! 22,000,000 homes are today equipped with Radios, and every year millions of these sets go out of date and are replaced with newer models. Millions more need servicing, new tubes, repairs, etc. Broadcasting stations pay their employees (exclusive of artists) more than \$23,000,000 a year. And Radio is a new industry, still growing fast! A few hundred \$30, \$50, \$75-a-week jobs have grown to thousands in less than 20 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 \$500 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.

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J. E. Smith, President
National Radio Institute,
Dept. 6MF3
Washington, D. C.

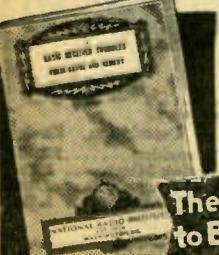


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TRANSPORTATION ALLOWANCE—

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. Inc. products. By letting your small orders accumulate till they reach \$25.00 or more, you will be able to take advantage of this generous money-saving offer. Foreign orders excepted.

FOREIGN—Orders from foreign countries receive careful attention. They are 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.

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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 charge for shipments to points outside the United States which can be forwarded packed as for domestic shipment.

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POSTAGE CHARGES—are based on weight of 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. Parcel post packages must be shipped prepaid, and we request that you please include postage with your remittance!

PARCEL POST RATES

Parcels up to 8 oz. may be shipped anywhere in U. S. A. for 1 1/2c for each 2 oz. **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

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 9 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

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	Charge is 5c
When value of parcel is between 5.00 & \$25.00	Charge is 10c
When value of parcel is between 25.00 & 50.00	Charge is 15c
When value of parcel is between 50.00 & 100.00	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	extra charge is 12c
When value of parcel is between 5 & \$25, extra charge is 17c	
When value of parcel is between 25 & 50, extra charge is 22c	
When value of parcel is between 50 & 100, extra charge is 32c	
When value of parcel is between 100 & 150, extra charge is 40c	
When value of parcel is between 150 & 200, extra charge is 45c	
For each \$50.00 value above \$200.00, the charge is 5c more (including insurance).	

The 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.

WHOLESALE RADIO SERVICE CO., INC.

Warehouses:
NEW YORK, N. Y.—100 Sixth Avenue. Phone: Walker 5-8883
Cable address: Wholrad—New York
CHICAGO, ILL.—301 W. Jackson Blvd. Phone: Haymarket 0422
ATLANTA, GA.—430 W. Peachtree St. Phone: Walnut 5140-1

Local Sales and Display Rooms:
NEWARK, N. J.—219 Central Avenue. Phone: Market 2-1661-2
BRONX, N. Y.—542 E. Fordham Rd. Phone: Raymond 9-8813

Article	Page
Transformers	59
Milliammeters	70, 79
Mixers, Electric	146, 147
Monitor, Modulation	70
Monitor, S.W.	83
Motors, Phonograph	61
Mounting Strips	129
Multimeters	68
Multipliers	78

N

NA-ALD NATIONAL CO.	128
86, 87, 91, 128, 131	
M. R. I.	148
Needles, Phonograph	61
Needles, Recording	61
Needle Cups	61
Neon Tubes	132
Neutralizing Tools	80
Nite Lites	146
Noise Eliminators	29, 106
Nuts	129

O

Ohm Indicators	109
Ohmmeters	70, 73, 74, 76
Oscillators, Beat	
Frequency	73
Oscillators, Phonograph	61
Oscillators, Test	
74, 76, 91	
Oscillator Coils	121
Oscillographs	78, 75
Oscilloscopes	68
Outlets, Baseboard	134
Outlets, Convenience	
126, 134	
Output Meters	73

P

PACKARD Panels	61
Aluminum	130
Bakelite	130
Electroly	130
Steel	130
Turnplate	130
Paste, Soldering	133
Percolators	146, 147
Peri-Dynamic Reproducers	63
Phone Cords	140
Phone Plugs, 81, 126, 140	
Phones, Ear	140
Phonographs	
Adapters	61
Motors	61
Pick-Ups	60, 61
Records	61
Springs	60
Turntables	61
Photo-Cells	76, 132
Photronic Cells	76
Pilot Light Bulbs	132
Pipe Strips	137
Pitch	129
Pliers	145
Plugs, Analyzer	77, 81
Plugs, Attachment	134
Plugs, Fused	134
Plugs, Speaker	128
Plugs, Test	81
Plugs, Tip	126
Portable Receivers	83
Posts, Binding	127
Potentiometers	116
Power Switches	127
Power Transformers	94, 118, 119
Practice Sets	140
Precision Panel Meters	79
Public Address	
Amplifiers	41-56
Complete Systems	41-56
Kits	98
Trumpets	62
PYREX	137

R

Racks	130
RACON	62
RCA Replacement Parts	60, 119
RCA Test Instruments	73
RCA Receivers	88
Radio Receivers	1, 4-27, 152

If You Are Interested In P. A. Equipment

Send for a FREE copy of our new Public Address Catalog, No. 64W. It contains everything you could possibly need for any type of installation from a kitchen call system to a monster theatre job. Accessories which include everything from a U-tack to a theatre projection lamp, racks and panels, carrying cases, dozens of micro-phones, speakers and speaker systems, generators for mobile systems, recording systems and many other items too numerous to outline. Furthermore, this catalog is made up to make MORE PROFITS for you—ALL PRICES ARE LIST. A second cover, easily removed, contains YOUR costs. What remains is a handsomely covered catalog which you will be proud to show your customers and which contains everything they may desire to purchase. Clinch every P.A. prospect with this catalog!

If You Are Interested In Amateur Radio

You will want a copy of our new, 1937 Amateur and Short-Wave Equipment Catalog, No. 66W. It is FREE for the asking. Contains EVERY product of ALL nationally known manufacturers of short-wave equipment. It lists transmitters from a breadboard one-tube rig for the young ham to a sky-high 250-watt rig, receivers for every purpose and every pocket, and every accessory which could possibly enter into the construction of a piece of short-wave receiving or transmitting equipment. Whether you are a ham or a short-wave broadcast fan, you need this catalog.

Article	Page
Radio Receivers, Automobile	26, 27
Radio Receivers, Battery	83
Radio Receivers, Bread-Board	83
Radio Receivers, Short Wave	82, 83, 84, 86, 88, 89
Radio Receivers, 5 Meter	82, 86
Radio Receivers, 2 1/2 Meter	82, 86
RANGER	72
RAYTHEON	50, 85
Razors, Rolls	147
READRITE	72
Realphones	140
Record Changers, Automatic	61
Records, Phonograph	61
Rectifiers, Copper Oxide	78, 132
Regulators, Voltage	95, 132
Relays	95, 191
Remote Controls, Auto	28
Resistors	
Carbon	109, 111
Center Tap	109, 110
Fixed	108-111
Kits	109, 111
Line Cord	132
Meter Shunt and Multipliers	78, 79
Precision	110, 111
Variable	108, 110, 111
Vitreous	108, 110
Voltage Divider	108, 110
Wire Wound	108, 110, 111, 114
Resistor Tubes	132
Resistance Indicator	109, 111
Rheostats	108, 110, 116
RIDER BOOKS	66
Riveting Punch and Anvil	129
ROLA	62
SANGAMO	92
Saws	144
Scales	146
Scratch Remover	143
Screws	129
Screw Drivers	80, 145
Screw Extractors	129

S

Article	Page
Screw-in Knobs	137
Sensitive Relays	76
Service Manuals	66, 67
Set Builders' Accessories	131
Shaftings	124
Shielding	117, 136
Shielding Cans	131
Shims, Cone Centering	65
Short Wave Kits	123
Short Wave Receivers	82-84, 86, 88, 89
Short Wave Transmitters	82, 83, 84
Shunts	79
SHURE	58
SIGNAL	91
Signal Generators—See Test Equipment	
Sockets	85, 89, 128, 132
Socket Selectors	76
SOLAR	104, 106
Soldering Irons and Accessories	133
Spaghetti Tubing	135
Speaker Accessories	62, 63, 64
Speaker Baffles	62
Speaker Cabinets	64
Speaker Cones	65
Speaker Cords	64, 140
Speaker Housing	62
Speaker Units	62, 63, 64
Speakers, Dynamic	63, 64, 118
Speakers, Magnetic	64
Speakers, Permanent Magnet	63
Speakers, Public Address	62, 63, 64
Speakers, Replacement	62-65
SPEED-X	91
SPRAGUE	101, 106
Sprayers	143
Springs, Antenna	137, 138
Springs, Microphone	117
Stands, Crystal	140
Stands, Soldering Iron	133
Staples	137
Storage Batteries	57
Stroboscope	61
STROMBERG-CARLSON	91
Suppressors, Ignition	29
SUPREME	68, 69
Switches	
Analyzer	127

Article	Page
Anti-Capacity	127
Feed-Thru	137
Jack	126
Key	127
Knife	127
Push-Button	126, 127, 134
Rotary	126, 127
Toggle	127
Volume Control	112
Wave-Change	126, 127
Switch Plates	116, 126, 127
Switch Points	129
TACO	76, 139
Tanks, Exciter	87
Tape Aerial	138
Tape, Friction	131
Tape, Rubber	131
Taps and Dies	142
Telephones	140
Tapes, Electrical	131, 134
Terminal Strips	127, 129
Test Prods and Accessories	80, 81
Testers and Analyzers	68-77
THORDARSON	92, 95-97
Toasters, Electrical	146, 147
Tone Controls	108, 112-116, 118
Tools	80, 81, 130, 131, 142-145
Tools, Aligning	80
Tool Boxes	142
TOBE DEUTSCHMANN	106, 138, 139
Transceivers	84, 91
Transceptors	84
Transformers	
Audio	94, 96-100, 118
Bell-Ringing	134
Filament	96, 99
L. F.	87, 89, 121, 122
Microphone	96-100
Mixing	96, 98-100
Output	98-100
Power	90, 92-100, 118, 119
Transmitting	80, 92, 93, 95, 97
Vibrator	117
Transmission Cable	138
Transmitting Equipment	
82-92	
Transmitters	

Article	Page
Mobile	32
Short Wave	82, 83, 84
5 Meters	82
Transposition Blocks	138
TRIMM	140
Trimmers 89, 121, 122, 124	
TRIPLETT	70, 71, 79
Trumpets	62
TRUTEST	
Bypass Condensers	105
Audios	99
Electrolytics	105
Power Transformers	94, 99
Resistors	108, 109
Variable Condensers	120, 124
Volume Controls	116
Transformers, R. F.	C. I. F. 120, 99
Tube Manuals	66
Tubes	
Acorn	85
Ballast	132
Cathode-Ray	85
Neon	132
Receiving	30, 31, 32
Transmitting	85
Voltage Regulator	132
Tubing, Bakelite	131
Tubing, Insulated	131
Tube Shields	131
Tube Testers	69, 72, 74, 76
Tuning Indicator	131
Tungar Bulbs	132
Tungar Chargers	57
Turn-Buckles	138
Twin Outlets	134
U	
UNIVERSAL	99
U. T. C.	94, 98
V	
Vacuum Cleaners	147
VAN	78
Variotoms	110
Vibrators, Auto Radio	28, 117
Visi-Vac Coffee Maker	145
Voltage Dividers	108, 113
Voltage Regulators	95, 132
Volt-Ohmmeters	70, 75, 76, 79
Volume Controls	112-116, 118, 119
Volume Control Accessories	112
W	
Wall Plates	126
Washers	129
WESTON	76, 79
Wind-driven chargers	57
Window Strips	136, 137
Wire	
Aerial	117, 136-138
Armored	134
Bell	135
Bus	135
Cotton Covered	134, 135
Fixture	134
Flexible	134, 135
Guy	137
Hook-Up	135, 136
Kits	135
Lead-in	136, 137
Litz	135, 136
Magnet	135
Nichrome	134
Push-Back	135, 136
Resistance	78
Rubber-Covered	134, 135, 136
Shielded	117, 136, 137
Silk	134
Wind Charger	57
Wire Stripper	135, 142
Wrenches	142
WRIGHT DE COSTER	62, 64
Y	
YALEX PRODUCTS	112, 113, 116, 126

Lafayette 9 TUBE AC-DC SUPERHET

3 BANDS

Take Your Choice:

Domestic Model
16-51; 50-174 AND
166-555 METERS

or

European Model
16-51; 166-555 AND
870-2060 METERS

The large band spread dial, with easily read second hand, makes tuning for domestic and foreign stations, amateurs, airplane, police, etc., simple and enjoyable. The sensitive superheterodyne circuit, using 2-6H7G, 1-6A8G, 2-25A6G, 2-25Z6G, 1-6R7G and improved 6G5 "tuning eye" indicator, provides volume and distance-getting ability far beyond average requirements.

COLORED DIAL SCALE

A cleverly colored dial scale indicates positively the wave range in use. Two combinations of wave bands are available, as listed above, for domestic or European use.

Other features of importance are: full 8-inch dynamic speaker, automatic volume control, tone control, noise minimizing control, overload-proof diode detector, and r.f. pre-selector on all bands. The "tuning eye" is part of the dial and winks at you as you watch the tuning pointers go round and round. All controls are conveniently located.



MODEL C-48
\$ **42** 50

ONE glance at this beautiful "laydown" mantel cabinet, with its novel speaker grille extending around the left side, will convince the most hard-boiled buyer that the Lafayette Model C-48 is indeed a new "high" in radio value. The hand-rubbed walnut cabinet and the multi-colored oval dial present a rich and attractive appearance, and the music that issues from the loud speaker quickly proves that the set is a musical instrument as well as a desirable piece of furniture for the living room, library, den or office. Working equally well on either a.c. or d.c., its owner need never worry about the kind of electricity he finds in a new house or apartment as he moves about town.

Model C-48—Domestic model Lafayette 9 tube a.c.-d.c. 3 band superhet, for 110-120 volts, complete with tubes. Dimensions: 20" wide by 9 3/4" deep by 11" high. Shpg. wt. 37 lbs. **\$42.50**
Code GREBO. List Price \$85.00. Your Cost.....

Model C-47—European model Lafayette 9 tube a.c.-d.c. superhet, same as C-48 except for long-wave band listed above. Code GELMA. Your Cost..... **\$42.50**

Both above for 220 volt operation **\$1.50 additional**

Model C-46—European model Lafayette 8 tube superhet, for 115-230 volts, 50-60 cycles A.C. ONLY. Same as Model C-47 except for power supply requirements. Code GOMAT. **\$42.50**
Your Cost.....

Lafayette 7 TUBE AC-DC SUPERHET

5 BANDS

Complete Coverage:

13 TO 30 METERS

30 TO 75 METERS

75 TO 200 METERS

200 TO 545 METERS

850 TO 2220 METERS

THE entire world of broadcasting—short-wave, medium wave, long wave—pours from the 8" dynamic speaker of the Lafayette 7 tube ALL-WAVE superheterodyne, which has the complete tuning coverage listed above. Reduction drive dial in new modernistic rectangular frame, all metal tubes, automatic volume control, tone control, three-gang condenser, finely finished cabinet, phonograph jack, superb quality of reproduction, plenty of reserve power—all these features combine to make the Model A-23 an example of outstanding Lafayette quality for 1937.

Operates on alternating current of any frequency and on direct current, 110 to 120 volts, without any adjustments. Just plug it in!

Model A-23—Lafayette 7 tube a.c.-d.c. 5 band superheterodyne, for 110-120 volts. In mantel cabinet illustrated, with tubes. Dimensions: 21 1/2" wide by 11-13/16" high by 8 3/4" deep. Shpg. wt. 25 lbs. Code WITMA. List Price \$63.00.
Your Cost..... **\$31.50**

Pg.152

For 220 or 250-volt operation, add \$1.00
Be sure to specify voltage when ordering.

MODEL A-23
\$ **31** 50

With
**ALL-METAL
TUBES**



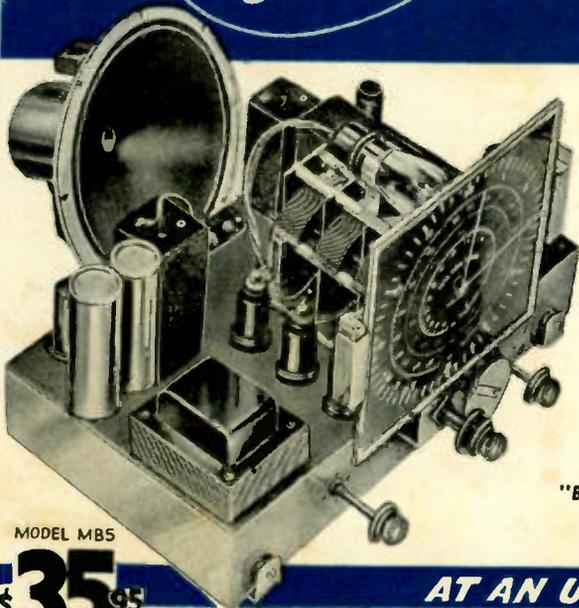
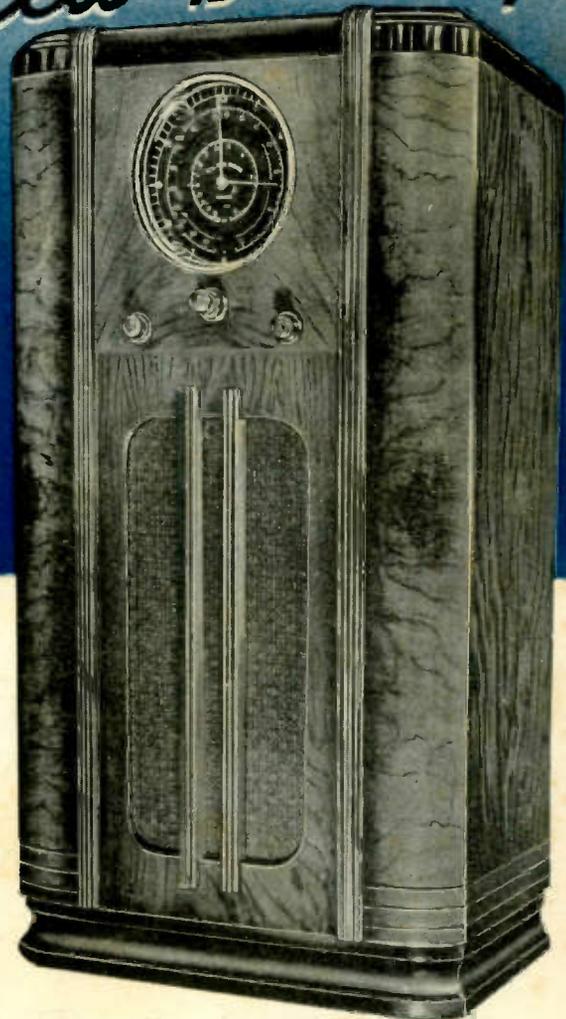
Tubes used in the Model A-23: 6A8 oscillator-first detector; 2-6H7 1.f. amplifiers; 6Q7 2nd detector; 25A6 power output; 25Z6 rectifier; L42C ballast tube. All are metal tubes of newest, most advanced type.

"Blue Ribbon" Products approved by Wholesale Radio Service Co., Inc.

IMPROVED PERFORMANCE

Lafayette 10 Tube SUPERHET

New Beauty



An
Approved
"Blue Ribbon"
Product

MODEL MB5

\$35⁹⁵

AT AN UNUSUAL PRICE

\$49⁹⁵
MODEL MB-6

- Note These Features:**
- CATHODE RAY TUNING EYE**
 - 3 SEPARATE TUNING BANDS**
 - 12" ELECTRO-DYNAMIC SPEAKER**
 - 10-WATTS POWER OUTPUT**
 - MICROMETER BAND SPREAD**
 - "TELL-TIME" TUNING . . .**
 - and many others!**

THE necessity of remembering dial settings in terms of complicated kilocycles, megacycles or meter readings has been eliminated by a novel feature called "Tell-Time" tuning. Now even a child can correctly retune to any station that has been previously logged. Two tuning indicator hands correspond to the hands of a clock, and the clock numbers, from 1 to 12, are etched on the outer rim of the glass dial.

Thus, when a station is brought in, it is only necessary that the setting be noted in terms of time: i.e. "half-past one," "ten to six," etc. When that station is again desired, merely set the tuning hands at the "right time," and the station is heard. It's most simple, accurate, rapid. No technical knowledge required.

COMPLETE SHORT-WAVE AND BROADCAST COVERAGE

Three separate tuning bands are used to cover the entire s.w. and broadcast range of frequencies. These are: from 171 to 550 meters (540-1750 kc.), bringing in the American broadcast programs, many police and amateur calls; from 50 to 171 meters (1750-6000 kc.), bringing in the popular amateur stations, from 16.7 to 50 meters (6000-18000 kc.), bringing in the European broadcast programs and many amateur stations. Band changing is accomplished by means of a control knob on the front panel of the receiver; knob has color coded band markings.

LATEST TYPE ALL-METAL TUBES USED IN CIRCUIT

The powerful 10-tube superhet circuit uses

all-metal tubes (except the cathode ray eye) as follows: 1-6K7 r.f. amplifier, 1-6L7 converter, 1-6CS oscillator, 1-6E7 i.f. amplifier, 1-6Q7 detector and a.v.c., 1-6F6 driver, 2-6F6 p.p. output tubes, 1-5W4 rectifier, 1-6Q5 cathode ray tuning eye.

BEAUTIFUL CONSOLE CABINET

The modern, attractively styled cabinet is constructed of the finest hardwood veneers and finished in a high polish. All corners are rounded, all trimmings (knobs, escutcheon plate, side pilasters, etc.) blend in the finished design.

Model MB-6-Lafayette 10-Tube 3-Band A.C. Superhet in console cabinet and complete with all tubes. Size: 40 1/8" high, 22 3/4" wide, 12" deep. For 110 volts, 50-60 cycles a.c. Shpg. wt. 72 lbs. Code, CERUS.
List Price **\$99.90**
YOUR COST **\$49.95**

Model MB-5-Lafayette 10-Tube, 3-Band A.C. Superhet chassis only, less cabinet. Complete with all tubes. Size: 16" long, 12" deep and 12" high. Shpg. wt. 37 lbs. Code, COLBO. List Price **\$71.90**
YOUR COST **\$34.95**

For 220-Volt Operation Add \$3.00

BUILT TO THE Lafayette STANDARD

8 Tube SUPERHET

- "Tell-Time" Tuning
 - Cathode Ray Eye
 - All Metal Tubes
- MODEL MB-4
- \$39.95**



BUILT to the Lafayette standard, this receiver incorporates a multitude of ultra modern features: giant 8-inch etched glass dial; micrometer band spread tuning hand; chrome finished chassis; coverage of the entire short-wave and broadcast bands. All this — at a price that demands your attention!

FULL SHORT-WAVE & BROADCAST COVERAGE

The receiver covers the entire range of short-wave and broadcast frequencies from 16.7 to 550 meters in three bands: from 171 to 550 meters (540-1750 kc.), bringing in the standard American broadcasts and also many police and amateur calls; from 50 to 171 meters (1750-6000 kc.), for amateur stations; from 16.7 to 50 meters (6000 to 18000 kc.), for standard European broadcast stations.

USES LATEST TYPE ALL-METAL TUBES

With the exception of the 6G5 cathode ray eye tube, all tubes are of the latest all-metal types (not to be confused with the metal-glass tubes). Tube types and uses are: 1-6A8 converter, 1-6E7 i.f. amplifier, 1-6A7 audio and a.v.c., 1-6C5 inverter, 2-6F6's in the p.p. output stage, 1-6G5 cathode ray tuning eye, 1-5W4 rectifier.

NEW . . . UNIQUE . . . "TELL-TIME" TUNING

"Tell-Time" tuning enables even a child to retune correctly to any station that has once been logged. The main tuning indicator and the band spread pointer correspond to the hands of a clock, and the clock numbers from 1 to 12 are etched on the outside edge of the glass dial. Thus, whenever a station is brought in, you note the position of the hands as being at "half past five," or "ten to seven," etc., and when you want that station again you just reset the hands at the original settings.

CATHODE RAY TUNING EYE MOUNTED IN DIAL

The type 6G5 cathode eye, mounted inside the dial escutcheon, is plainly visible through the glass dial. Hairline tuning is now a certainty — just turn the tuning knob until the shadow on the

"eye" is the narrowest possible and the station is tuned for peak performance.

Other circuit features: three-gang cushion mounted condenser, edge-lighted dial, chromium plated chassis, band-change switch on front panel, full-range tone control, band indicator.

BEAUTIFUL MODERN STYLE CONSOLE CABINET

The modern console cabinet does justice to the superlative qualities of the receiver it houses. Mahogany veneers are used for the side pilasters, with a new type highlighted finish. Overall size: 38 1/4" high, 21" wide and 12" deep. Model MB-4 — Lafayette 8-Tube A.C. 3-Band Superhet complete with all tubes and operating instructions. For use on 110 volts, 50-60 cycles a.c. Shpg. wt. 64 lbs. Code CLEVA. List Price \$79.90.

YOUR COST \$39.95

Model MB-3 — Lafayette 8-Tube 3-Band Superhet chassis only, less cabinet. Complete with tubes and 8" speaker. 16" wide, 12" high, 11 3/4" deep. For 110 volts, 50-60 cycles a.c. Shpg. wt. 36 lbs. Code CALTE.

List Price \$55.00. YOUR COST \$27.50

For 220-Volt Operation Add \$2.00

WHOLESALE RADIO SERVICE CO.

CHICAGO, ILL
901 W. JACKSON BLVD.

NEW YORK, N.Y.
100 SIXTH AVENUE

ATLANTA, GA.
430 W. PEACHTREE ST., N.W.

BRONX, N.Y.
542 E. FORDHAM RD.

NEWARK, N.J.
219 CENTRAL AVE.