

A CENTURY OF RADIO PROGRESS IN TWELVE YEARS

# Lafayette

R A D I O S

TRUEST

PARTS



CATALOG 55

1934

# WHOLESALE RADIO SERVICE CO. INC.

100 SIXTH AVE.  
CORNER GRAND ST. (ONE BLOCK ABOVE CANAL) NEW YORK, N.Y.

# DON'T BUY BLINDLY!

# 30 DAYS FREE TRIAL!

## READ This Famous Offer



*The set illustrated is the Lafayette 12 tube de luxe Superhet fully described on page 14.*

WOULD you buy an automobile while you were blindfolded? Of course not! You would want to examine it carefully. Try it for 20 miles or more. Take it up a hill. Watch it step out in traffic. Give it every conceivable test of performance. Then, if it meets with YOUR requirements—not the requirements of the man who is selling it to you—you're ready to talk business.

Then why should you buy a radio set blindfolded? That is just what the average purchaser does. Mr. or Mrs. Radio Buyer listens to a set perform for a half hour—perhaps for even an hour—and if it sounds good the set is purchased. They fail to realize that the very same set may sound entirely different when it is installed in their own homes, because of a difference in atmospheric conditions. Or they don't stop to remember that the set which performs like a champion in the store may sound like a boiler factory in the home.

We don't ask you to take our word that Lafayette will satisfy you! Instead, we give you an unequalled opportunity to test Lafayette in the privacy of your own home for a full 30 days. Listen to it perform. Make it pull in

every local station in your vicinity during the busy early evening hours. Then go after distance. Pull in far-away stations with the ease of locals.

Then, and then only, consider that you have purchased your Lafayette. If, however, for any reason whatsoever you do not care to keep your set—if you are not absolutely and completely satisfied—your money will be refunded IN FULL, without questions or arguments of any kind (less transportation charges).

That is the famous 30 day FREE TRIAL OFFER originated by LAFAYETTE. It is to the best of our knowledge and belief the most liberal trial offer ever made by a radio manufacturer. Only our unlimited confidence in the quality that has been built into every Lafayette Receiver makes it possible for us to make such a broad guarantee.

**A CENTURY OF RADIO PROGRESS IN ONLY 12 YEARS**



# Visit our MODERN, SHOWROOM!

W. R. S. Co.'s spacious showrooms, occupying the entire fourth floor of 100 Sixth Avenue, New York, have been acclaimed by widely-traveled visitors as the most comfortable, most modern, most convenient, most beautiful and best equipped radio sales quarters in the United States. The actual photographs on this page above give some idea of its extent and facilities, but you really must see the place to appreciate how enormously different it is from all the other radio stores and bargain counters you have ever seen.

#### Accurate Demonstrations Possible

This is one of the very few places in New York where you can actually try a receiver, amplifier or other large part before you buy it. Two sides of the floor are lined with sound-proof demonstration rooms, while one corner is devoted to a specially built auditorium where large apparatus are demonstrated. Here you can hear every P.A. amplifier sold by Wholesale Radio Service, under conditions normally found in small theatres, meeting halls, etc.

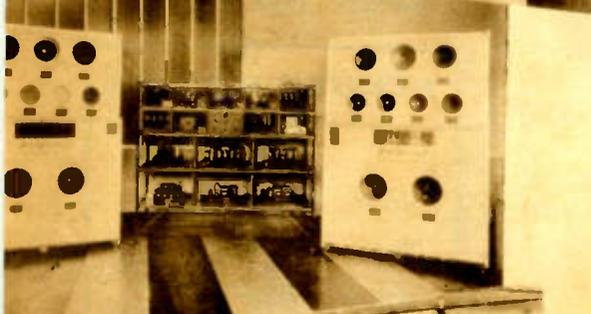
Particular attention has been given to the needs of the rapidly growing army of short-wave fans, several of the private rooms being set aside exclusively to short-wave instruments.

A large and complete stock, including everything from soldering lugs to ten-foot trumpets and representing the products of hundreds of different manufacturers, is kept on hand at all times to satisfy the requirements of service men, experimenters and all other classes of radio buyers. Free technical advice is available from our staff of experienced radio engineers. And remember that no lower prices prevail anywhere—"We will NOT be undersold!"

#### Consult Our Service Department

For the convenience and assistance of our customers we maintain a service department, completely equipped with every modern form of testing apparatus. Here competent and practical minded engineers are available to repair all makes of sets, amplifiers, etc., in the shortest possible time.

Do not fail to visit our show rooms when you are in the vicinity. The Wholesale Radio Service building is at the corner of Sixth Avenue and Grand Street, one of the most accessible locations in the entire city. It is only one block from the Holland Tunnel and the 6th Avenue "L", two blocks from the 7th Avenue subway and half a block from the 8th Avenue subway. Parking space is plentiful.



# Commodity Prices 30% to 229%

yet

Copper-80% Tin---123%  
 Rubber-229% Silver-66%  
 Lumber-119% Cotton-99%  
 Iron---30%

Here's the  
 Proof!

**CUNNINGHAM**  
 straight-sided tubes  
 See Page 29

Our low price		If we bought at current prices you would pay
TYPE 01A <b>30c</b>		
27 <b>35c</b>		O1A 36c
45 <b>37c</b>		27 42c
		45 45c

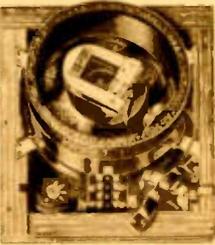
**RCA AUDIO TRANSFORMER**  
 See Page 96

Our low price		If we bought at current prices you would pay
<b>29c</b>		<b>45c</b>

**SINGLE 8 MFD.**  
 See Page 111

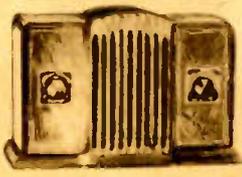
Our low price		If we bought at current prices you would pay
<b>49c</b>		<b>\$1.11</b>

**RCA Victor Speaker**

Our low price		If we bought at current prices you would pay
<b>\$1.85</b>		<b>\$4.95</b>

See Page 62

**Lafayette**  
 5 TUBE AC-DC PORTABLE

Our low price		If we bought at current prices you would pay
<b>\$17.95</b>		<b>\$24.50</b>

See page 4

# are now up

# WHOLESALE SAVES YOU MONEY!

**N**OW — more than ever — **WHOLESALE RADIO SERVICE COMPANY** can save you money! The reason for this is easy to understand.

In order to prepare a catalog of this kind, listing more than 30,000 items, we must know months in advance what prices will be. So, early this year, when commodity prices were still low, we placed orders for huge stocks of merchandise.

As a result we are able to quote you prices in this catalog **MUCH LOWER THAN IF WE HAD TO PLACE ORDERS TODAY!**

We could have raised our prices and taken this extra profit for ourselves, but it has always been our policy to pass our savings on to our customers. Thus you benefit **DOUBLY** due to our **ALWAYS LOWEST WHOLESALE PRICES PLUS SAVINGS DUE TO TIMELY PURCHASES ON OUR PART.**

We cannot know how much further prices will advance within the next few months. Neither can we know how long our stocks will last at these low prices. There is bound to be an unprecedented rush of buying but regardless of rising markets and an unexpected rush of buying, we will maintain the low prices in this catalog, as long as our stocks last!

We urge you to buy **ALL** your needs **NOW** —to buy early while these savings are assured.

---

---

**AGAIN WE SAY..WE WILL  
NOT BE UNDERSOLD**

---

---

**F**OR 12 years Wholesale Radio Service Company has pursued a policy of giving its customers the finest values obtainable in the radio field. It has been, and is, our belief that every customer is entitled to the lowest current prices on all merchandise sold by us. Therefore we have always given our customers the benefit of all price reductions made by other mail order radio concerns, manufacturers or ourselves.

We intend to continue this policy, even in the face of rising prices and increased costs. Should you see any item in our catalog listed in a mail order competitor's catalog at a lower price for the identical merchandise, write and tell us about it, giving the name of competitor and his catalog page number, **AND WE WILL SHIP THE ITEM TO YOU AT THE SAME PRICE.**

Should the price on any of our merchandise be reduced after this catalog has been printed, when your order is filled, you will receive a refund in full for the difference. In other words you can never buy from anybody cheaper than you can buy from Wholesale Radio Service. **WE WILL NOT BE UNDERSOLD!**

**WE WILL NOT BE UNDERSOLD!**

*Lafayette*  
**NEW  
DEAL**

# REACH for the JOY *Lafayette*



NOTE THESE UNRIVALLED  
"NEW DEAL" FEATURES

- Five Tube Super-Het Circuit
- Works on A.C. or D.C.
- Covers Wave Band from 190 to 550 Meters
- Three-Gang Variable Condenser
- Matched Dynamic Speaker
- Uses Newest Tubes
- Built-in Aerial
- No Ground Required

## 5 tube A.C.-D.C. **SUPER-HET** The Lafayette NEW DEAL

A Modern Set in a Modernistic Setting

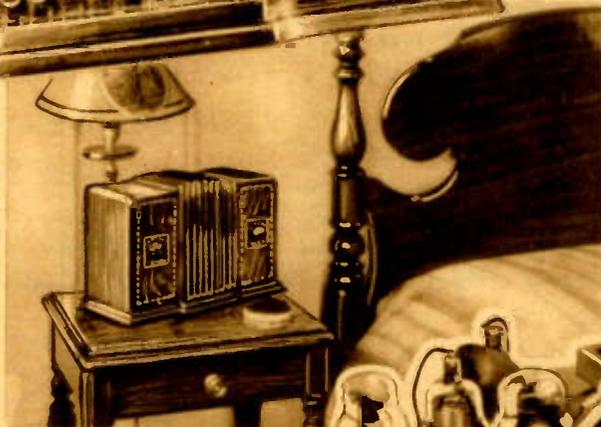
This 5 Tube A.C.-D.C. Super-Heterodyne is in step with the trend of the times.

**VALUE PLUS! APPEARANCE!  
ECONOMY!**

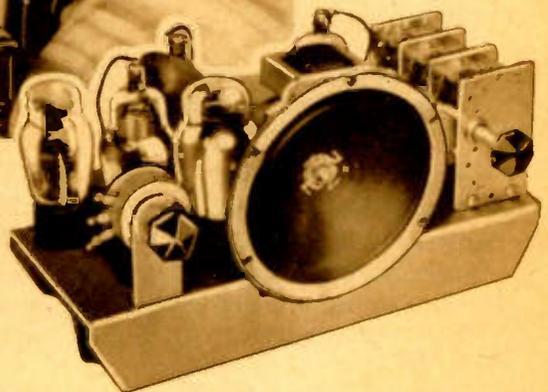
THE recovery program of the Lafayette New Deal is one of continuous radio entertainment based on outstanding performance, economical operation and unprecedented value.

To attain unusual selectivity the "New Deal" employs the super-heterodyne circuit and also a three-gang condenser, rather than the two-gang condenser often used in midget sets. This receiver works on alternating current of any standard frequency and also on direct current. It brings in local and distant broadcasting and also police calls in some localities. No wave switch is required for the latter, since the r.f. coils are wound so that the set reaches to 190 meters instead of 200 meters.

Salesmen or others who travel extensively will find it convenient to carry a Lafayette Midget in a portable traveling case such as the one pictured below. It makes traveling with a radio a simple matter.



**\$17.95**  
WITH TUBES



### Modernistic Cabinet Effective but Not Extreme

The handsome modernistic cabinet is striking in appearance and will be "at home" amidst the most luxurious surroundings. Finished in contrasting shades of walnut and mahogany its distinctive lines are accentuated by fine lines of two color marquetry inlay.

**Model A-11—Lafayette "New Deal" 5-tube A.C.-D.C. Superheterodyne, complete with tubes, for 110 volts D.C. and 110 volts, 25-60 cycles A.C. Dimensions: 8 in. high, 12 in. wide and 6 in. deep. Shipping weight 12 lbs. Code Gorge. List \$40.00**

**Your Cost ..... \$17.95**  
Also available in 220 volts.  
**Your Cost ..... \$19.25**  
Genuine Suede Carrying Case for Lafayette "New Deal". Fastened with zipper. **Your Cost ..... \$1.50**

### Newest Tubes Make Set Ultra-Modern

Here's a list of the tubes used in the "New Deal": Two 77's, 1-78, 1-43 and 1-2525. All these tubes are powerful pentodes except the 2525 which is the last word in A.C.-D.C. rectifiers. By using these tubes, the limiting resistance in the power line is reduced to a minimum. This prevents overheating and increases the useful life of tubes and parts. Power consumption is less than 40 watts. This means insignificant operating cost.

### Matched Dynamic Speaker Used

A super-fine matched dynamic speaker permits the set to be operated at full volume without blasting or distortion. Tone quality and fidelity of reproduction closely approach perfection. The wooden cabinet acts as a baffle or sounding board.

# of LIVING with these RECEIVERS!!

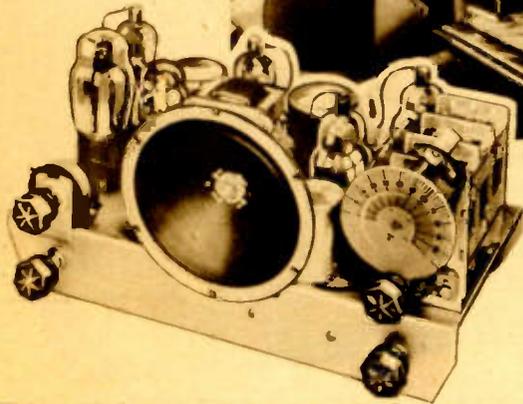
# Lafayette COURIER

## "More Than A Midget"

It is unfair to call this powerful little radio merely a "midget"! True enough, it is compact, portable and light. It is true also that it works equally well on direct or alternating current. But here the resemblance to the average midget ends, for though small in size it is a giant in performance!



**\$22.95**  
WITH TUBES



## 6 tube A.C.-D.C. SUPER-HET

MODERN CIRCUIT —  
MODERN TUBES

INCREASED TUNING RANGE

THE super-heterodyne circuit employed in the Courier was developed after years of research. Not just another super-het, but a sensitive, selective circuit, worked out to the last detail. Power detection, automatic volume control and tone control are included as a matter of course.

The Courier uses 1-75 tube, 2-78's, 1-6A7, 1-43 and 1-25Z5. The use of the 75 duplex diode-triode is noteworthy, permitting effective automatic volume control. This is a desirable feature which prevents distortion and insures uniformly excellent tone quality and performance on every station instead of just a favored few.

### Built-in Aerial

Built-in aerial of the condenser type eliminates the necessity of an aerial for most stations. However, for very remote stations an outside antenna is recommended. A ground is never used.

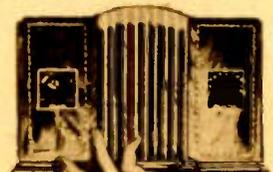
### Beautiful Cabinet

An unusually attractive cabinet of semi-modern design houses the "Courier". Beautifully grained walnut is used for the front and side panels with an attractive speaker grill in a contrasting colored mahogany. Two narrow lines of marquetry inlay emphasize the simple yet effective lines of the cabinet.

Model A-14—Lafayette "Courier" 6-Tube A.C.-D.C. Superhet, complete with tubes, for 110 volts D.C. and 110 volts, 25-60 cycles A.C. Dimensions: 8¾ in. high, 14¾ in. wide and 7½ in. deep. Shipping weight 16½ lbs. Code Conto. **\$22.95**  
List \$58.00. Your Cost.

Also available for 190-2000 meters. For complete details see page 22. Genuine Suedé Carrying Case for Lafayette "Courier". Fastened with zipper. Your Cost.....\$1.50

Lafayette Midgets are compactly built; light in weight and strong in construction. Can easily be carried anywhere without fear of damage. Although small in size, Lafayette Midgets are truly "giants" in performance.



THE COURIER contains all those features and refinements hitherto incorporated only in the highest priced sets. The superheterodyne circuit employed insures maximum selectivity. Six of the newest type tubes add to the effectiveness of the circuit. Power detection is a feature. There are three tuned circuits controlled by a three-gang condenser.

The Courier covers the wave band from 190 to 550 meters. Hence, it brings in police calls in some localities without necessitating the use of a wave band switch. Automatic volume control and full range variable tone control are included. Also an illuminated reduction drive dial, a built-in aerial and a powerful matched dynamic speaker.

These features tell the story—but not completely. It is impossible to describe in cold type the wonderful tone quality and the all-round excellence of this superb little receiver.

PAGE 5

**A CENTURY OF RADIO PROGRESS IN ONLY 12 YEARS**

# The NEW Lafayette SUPER MINSTREL

## 5 tube SUPER-HET

WITH AUTOMATIC VOLUME CONTROL AND  
FULL-RANGE VARIABLE TONE CONTROL  
INCREASED TUNING RANGE  
190-550 METERS  
BUILT-IN AERIAL—LATEST TYPE TUBES



**\$20.95**  
WITH TUBES

THE SUPER-MINSTREL is a powerful five tube superheterodyne of up-to-the-minute design and construction and covers a wave band from 190 to 550 meters, thus enabling it to bring in thrilling police calls in some localities as well as ordinary broadcasting without the necessity of employing a wave band switch. This novel feature alone doubles the desirability of the Super-Minstrel.

To begin with, the circuit is right! Advanced in design and carefully balanced. The tubes employed are of the newest type: 1—6A7, 1—75, 1—78, 1—42 and 1—80. Of the five tubes in the set, four are pentodes, the fifth being an 80 full wave rectifier which furnishes smoothly filtered direct current at the proper voltages for the stable operation of the amplifier, oscillator, and detector circuits. The three gang condenser in conjunction with the superheterodyne circuit gives extra-fine selectivity. All components are of the highest quality and are carefully selected for best results. Hence, when judged from the conventional standpoint of sensitivity, selectivity, tone quality and volume, the "mightiest midget" will stand comparison with any set, regardless of size.

### Ultra Modern Features Add Desirability

The Super-Minstrel has all the conventional features one would expect to find in a high-quality receiver. In addition, however, it has many distinctive features which add immensely to the desirability of this splendid receiver.

**AUTOMATIC VOLUME CONTROL** prevents "fading" and "blasting" and holds the output at any predetermined level, merely by a single setting of the manual volume control.

**THE TONE CONTROL** enables the user to emphasize high or low notes to suit his particular fancy or to meet the acoustical requirements of the room.

**BUILT-IN AERIAL** of the condenser type adds greatly to the convenience of the Super-Minstrel. For maximum distance, however,

a standard outside aerial is recommended. Dial is of the reduction drive type, permitting the user to take full advantage of the remarkable selectivity of this set.

**DYNAMIC SPEAKER** is especially matched to the output of the 42 pentode. Great volume can be obtained without the slightest distortion with the wooden cabinet acting as a sounding board or baffle.

Model A-12—Lafayette 5-tube Receiver complete with tubes for 110 volts, 60 cycles A. C. ONLY. Shipping weight 18¼ lbs. Code Mirth. List \$50.00. **\$20.95**  
Your Cost  
Model A-13—Same as above for 220-240 volts, 60 cycles. Code Galup. List \$55.00. Your Cost **\$22.95**

# Truest 4 tube COMPACT

## The WONDER RADIO

A "PERSONAL" RECEIVER OF ADVANCED DESIGN  
4 Tubes in a Selective T.R.F. Circuit—  
Genuine Oversize Dynamic Speaker

A.C.—D.C. OPERATION

THIS little set is built with exactly the same scientific precision as the largest and finest receivers. Although the cabinet measures only 5 inches deep, 6¾ inches high and 9¾ inches wide, it contains a four-tube receiver built up on a sturdy metal chassis. Oversize dynamic speaker, 5½ inches in diameter is mounted on the chassis, as an integral part of the receiver.

Employs a high gain tuned R.F. circuit so designed that the circuit is equal throughout the broadcast spectrum. A real efficient receiver—employing all the latest tubes: 1—type 6E7 R.F. Amplifier; 1—type 6D7 Power Detector; 1—type 43 Power Pentode and 1—type 25Z5 Rectifier.

"COMPACT"—it will work any place where there is 110 volt electric supply—on A.C. or D.C. Being light in weight and so extremely compact, it makes an ideal travelling companion. It seldom needs an aerial and never needs a ground, bringing in distant stations as well as locals, merely by employing as an antenna the short piece of wire which comes with the set.

The cabinet is finished in a beautiful Walnut Burl cabinet with marquetry inlay. It has an attractive grille and escutcheoned front. Due to the fact that the cabinet is made of wood, it acts as a speaker baffle, producing full mellow overtones which add considerably to the excellence of the dynamic speaker reproduction.

The "COMPACT" has plenty of volume. The use of the new small envelope output pentode 43 tube makes certain of that. The volume control at the left of the panel permits gradual reduction of volume without affecting the fine tone quality.



Special attachment for use on 220 volts A.C. or D.C., 25-60 cycles.

Your Cost **\$1.50**

Genuine Suede Carrying Case fastened with zipper.

Your Cost **\$1.50**

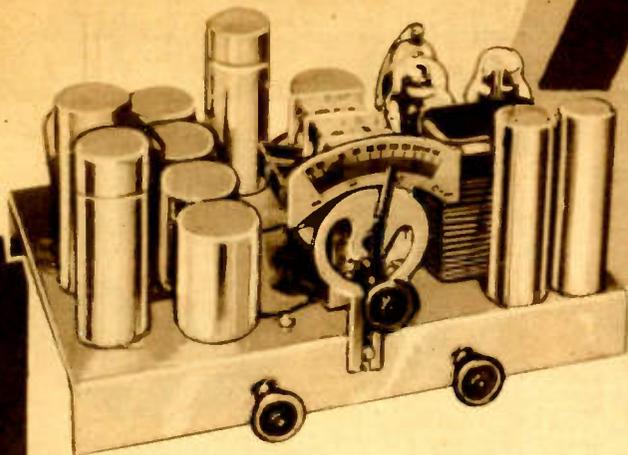
**\$12.75**  
WITH TUBES

There are hundreds of uses for the "COMPACT". At home or in the office, in camp or hotel, this little set will supply enjoyable, economical radio entertainment.

Model T-21 Truest 4 tube A.C.—D.C. receiver complete with tubes for 110 volts D.C. and 110 volts 25-60 cycles A.C. Shipping weight 11 lbs. Code Persa. List \$32.00. **\$12.75**  
Your Cost

# Lafayette

# 7 tube SUPER-HET AUTOMATIC VOLUME CONTROL BUILT IN ANTENNA TONE CONTROL



**\$27.95**  
CHASSIS  
SPEAKER  
AND TUBES

Anyone in the market for a radio set should carefully consider the set described below. The high quality of reception made possible by this superheterodyne will delight the most critical buyer.

EVERY good feature that could possibly be utilized in a superheterodyne circuit has been incorporated in the new Lafayette 7 tube Super. This set, without doubt, constitutes one of the best offers in the present day bargain market. Lafayette engineers have again accomplished something that would have been impossible just a short time ago; the production of a low priced super-het, using the latest tubes and many other new features, without detracting from the high standards of Lafayette design, construction, and performance. The ultra selectivity of the set, combined with a superlative tone quality not found in any other 7 tube set, will come as an amazing and gratifying surprise to the most exacting customer.

Seven high gain, versatile new-tubes are used in the chassis in the following manner: one 58 r.f. pentode as pre-amplifier, one 56 os oscillator, one 58 r.f. pentode as first detector, one 58 as i.f. amplifier, one 2A6 duo-diode hi-mu triode as detector, A.V.C., and first a.f., one 2A5 a.f. pentode as output tube, and one 80 as full wave rectifier.

### An A. V. C. That Works

THE automatic volume control circuit employed in this set is unusually efficient in preventing fading, and the condition known as inter-station "blasting". It holds the output at the exact level determined by the setting of the manual volume control. A smooth acting tone control, full voiced matched dynamic speaker, and full vision dial all contribute to enjoyable radio entertainment that you have never before experienced.

Like all Lafayette productions, the 7 tube Superheterodyne is built enduringly. It has an all-metal chassis, complete shielding and carefully soldered connections which preclude longevity and minimum of service attention. For those exacting people who demand the finest in radios at reasonable prices, Lafayette's 7 tube Superheterodyne cannot be equalled.



### Phone-Radio Combination

THE Lafayette 7 tube Superheterodyne when combined with a good phonograph and pick-up, makes a musical instrument of priceless value. When electrically cut records, either the regular or the new long playing type, are played through the distortionless amplifier and dynamic speaker, the world's best music is at your command.

With the top down, the phonograph compartment is completely hidden. The cabinet is of a beautifully simple design, the creation of a master furniture craftsman. Dimensions: 24½" high, 16" wide, and 17½" deep.

The 7 tube Superheterodyne in the exquisite table model cabinet pictured to the left needs no sales talk. Its sensitivity, selectivity, tone quality and generally smooth performance are characteristics of which people marvel.



**Model A-20C**—Lafayette 7 Tube Superheterodyne chassis, with matched dynamic speaker, and tubes. For 105-120 volts, 50-60 cycles A.C. Dimensions: 13" wide, 10" deep, 7" high. Shpg. wt. 32 lbs. Code Lumin. List \$60.00.

**\$27.95**

Your Cost

**Model A-20**—Lafayette 7 Tube Superheterodyne Mantel Receiver, complete with tubes. For 105-120 volts, 50-60 cycles A.C. Dimensions: 19" high, 10½" deep, 15½" wide. Shpg. wt. 40 lbs. Code Bland.

List \$62.50. **\$30.95**

Your Cost

**Model A-20P**—Lafayette 7 Tube Super-het Phono-Radio Combination, with dual speed motor, pick-up, and tubes. For 105-120 volts, 50-60 cycles A.C. Dimensions: 24½" high, 16" wide, 17½" deep. Shpg. wt. 97 lbs. Code Zolan. List \$56.00.

**\$57.95**

Your Cost

INTERNATIONAL  
BROADCASTING

GSA-LONDON  
EAQ-MADRID  
DJA-BERLIN  
YVIBC-CARACAS  
VS1AB-SINGAPORE

SHIPS AT  
SEA

**SPAN THE WORLD**

**USES THE NEW  
2A3 TUBES!**



*A*  
**Lafayette**  
**TRIUMPH**  
**TWO SETS IN ONE!**

**\$49<sup>75</sup>**  
CHASSIS  
SPEAKER  
AND TUBES

**A** TRIP around the globe in a single evening is simple with the Lafayette 10 tube Dual Wave Receiver. London, Paris, Moscow, Sydney, Tokio, Singapore, Buenos Aires—every turn of the dial brings a new thrill. The fascination of short waves is not limited to foreign reception however. Police calls from hundreds of cities furnish plenty of excitement. Transatlantic phone conversations provide fun for those who like to eavesdrop. Then there are amateur calls, airplane messages, ship-to-shore stations, and many other interesting features.

As a custom built broadcast receiver alone the Lafayette 10 tube Dual Wave is worth more than your cost quoted below. The Lafayette 10 tube Dual Wave Receiver Model F-32 brings complete radio enjoyment! It brings in regular broadcast stations on the 220-550 meter band with superb tone quality. Nothing equals this fine receiver for standard broadcast entertainment. Its design is such that it works equally well on all wave bands from 15 to 550 meters. This insures real distance, even on the standard broad-

cast band from 200 to 550 meters.

When operating in the broadcast band, a pre-selector circuit is employed in conjunction with a low frequency i.f. amplifier. This affords the type of selectivity which permits the tuning in of distant stations in congested districts where numerous local broadcasters ordinarily prevent "DX" reception. And for short wave thrills, no other set can come anywhere near it. The Lafayette Dual Wave Receiver is more than two receivers in one. It is a highly specialized "single unit" receiver which brings in signals from 15 to 550 meters better than two separate receivers. This receiver, although it is the last word in circuit design as well as tubes, has stood the test of time. In its original form, this 10 tube Dual Wave Superhet established a record which others have never been able to attain. Each year, refinements have been added, until the present model incorporates every worthwhile improvement in radio engineering. The new chassis uses the following tubes: Three 58's, three 56's, one 57, two 2A3's, and one 5Z3.

VK3ME-MELBOURNE  
NPO-MANILA  
JIAA-TOKIO  
RV59-MOSCOW  
ZTJ-JOHANESBURG

LSX-BUENOS AIRES  
PHI-HOLLAND

AIRPLANES

POLICE CALLS

WITH A

*Lafayette*

# tube CUSTOM-BUILT DUAL WAVE! SUPER-HET!

## Newest and Finest Audio System

The audio amplifier has been changed and now uses the superfine 2A3 tubes in class "A" triode push-pull power amplification. An output stage of this nature cannot be surpassed. The last stage is driven by a single 56 tube and instead of the 80 rectifier ordinarily used, the Lafayette employs the new 5Z3 full wave rectifier, thus taking care of the increased power requirements of the 2A3 tubes. A 56 tube is used as a diode detector and A.V.C. tube. An improved sensitivity level control provides reduced intercarrier noise levels.

## Improved and Refined Superhet Circuit

The circuit employed is a time-tried superhet, but certain circuit elements have been refined so that side-band cutting is reduced although maximum selectivity is retained. Circuit modifications result in improved and very uniform sensitivity on all bands.

## Features Retained from Previous Models

Among the features which have been retained from previous Lafayette models are the use of a pre-selector on the broadcast band; a tone control whereby the owner can adjust the tone to suit his tastes; automatic volume control; freedom from code interference through the selection of a low intermediate frequency; and a twin speed dial. This dial has two driving ratios, one high and the other low, which can be selected instantly by means of a little shift lever under the main tuning knob. The fine ratio is used for the short waves, the other for the broadcast band.

## Added Features

The entire chassis and speaker have been built so that they will fit the phono-radio cabinet which is fully described on page 11. The chassis is also equipped with a phonograph jack. This eliminates the necessity for doing additional chassis wiring when using the set with one phonograph.

## Improved Fidelity

The fidelity of the Lafayette Dual Wave has been immensely improved so that an increase of 5 d. b. at 4000 cycles and 2 d. b. at 60 cycles is realized.

The performance curves of the audio and acoustic system show a decided rise with the higher frequencies, thus offsetting the side band cutting of the I.F. and R.F. circuits.

## For Use Outside the United States

For use in foreign countries, the Lafayette 10 tube "TRIO" Wave Superhet is available, covering the long waves as well as the

broadcast and short wave bands. This receiver covers the additional wave band from 850 to 2000 meters, bringing the whole world of radio to the finger-tips of its owner. Aside from covering the long wave band, the "TRIO" Model F-34 is exactly the same as the 10 tube "Dual Wave" Model F-32 Receiver, using the same tubes and incorporating every one of the outstanding features described above.

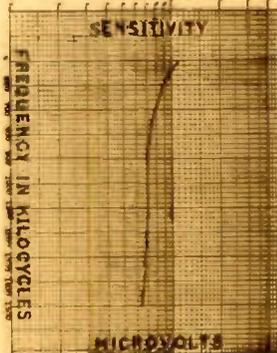
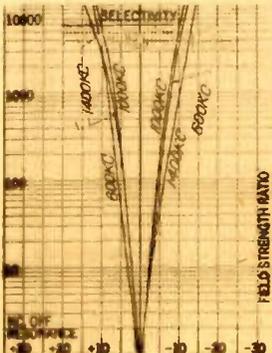
## Surprisingly Low Cost

The low cost of this superb receiver is another big feature, made possible through exclusive advanced design and modern merchandising. In spite of its low cost, only the highest quality components are employed in this set and no expense has been spared in making it as nearly perfect as possible. Many special features throughout the set explain why the Lafayette excels with ease.

## World's Finest All-Wave Receiver

The Lafayette Dual Wave Set has everything! Improved but time-tried, superhet circuit, newest tubes, freedom from code interference, perfect tone quality, adequate volume, diode detector with automatic volume control, newest tubes, single dial operation with twin-speed automatic wave change dial, low noise level with absence of background mush, pre-selector on broadcast band, no coils to change, over band of from 15 to 550 meters, "battleship" construction, adequate shielding, handsome appearance. Last but not least, the set brings in every desired class of short wave signals. From every standpoint the Lafayette custom built 10 tube is the PERFECT dual wave receiver.

Charted performance gives the best technical picture of a set. Lafayette offers the above charts as proof of its claims.



For Prices on Lafayette Dual and Trio Wave Sets see following page

SPAN THE WORLD WITH A

**Lafayette**

tube CUSTOM-BUILT  
**DUAL WAVE!**  
**SUPER-HET!**

**\$57<sup>75</sup>**  
WITH TUBES



FOR the discriminating person who feels that he is entitled to the most luxurious performance that the modern radio affords, we offer the new Lafayette ten tube dual-wave set. You will enjoy this truly international receiver which places the entire world of radio reception at your command. Either the Lafayette "Dual" or "Trio" wave chassis is supplied in this striking cabinet. These sets are fully described on the two preceding pages.

The cabinet is truly a masterpiece of the furniture craftsman's art. It exemplifies the artistic blending of rare hard woods to create a cabinet that will please even the most fastidious person. Although modernistic in design, it is in no way "flashy," and will go well with any set of furniture you may have. The woods used are: selected straight grain American walnut, rich Claro walnut, and a fine burl maple. The speaker opening is covered with a beautiful gold grille cloth, and the finished product presents an extremely pleasing appearance.

In construction, the cabinet has been scientifically designed to produce the best acoustical properties so that the tone can be rich and full. The entire set is one that anyone can be justly proud of, for it is one of the best to be seen among the present-day radios. We are convinced that you will agree with everything we have claimed for this superior set, so if you are looking for the best that money can buy, consider the Lafayette ten tube dual-wave.

For those who desire a phono-radio combination, the Lafayette ten tube super-het has been designed to fit the new compact phono-radio cabinet described on the opposite page. You can now own an instrument that will give you not only the entire world's radio reception, but also the finest record reproduction.

**LAFAYETTE "TRIO WAVE" SUPERHET**

**Model F-35**—Lafayette 10 tube "Trio Wave" Superhet in cabinet illustrated above, with matched dynamic speaker. Complete with tubes, for 110-220-240 volt, 25-60 cycle A.C. Dimensions: 15½" wide, 11½" deep, 20" high. Shpg. wt. 58 lbs. Code Purge. **\$63.75**  
List price \$110.00. Your Cost.....

**Model F-34**—Lafayette 10 tube "Trio Wave" chassis ONLY, as described on pages 8 and 9, with matched 8" dynamic speaker and tubes. For 110-220-240 volts, 25-60 cycle A.C. Dimensions: 13½" wide, 10" deep, 9" high. Shpg. wt. 42 lbs. Code Perfe. **\$55.75**  
List price \$102.00. Your Cost.....

**Model F-40**—Lafayette 10 tube Trio Wave Superheterodyne Receiver in special Phono-Radia Cabinet as described on opposite page. Complete with speaker and tubes, for 105 to 120 volts, 50-60 cycles A.C. Dimensions: 25" high, 16" wide, 17" deep. Shpg. wt. 115 lbs. Code Caten. List price \$199.50. **\$85.75**  
Your Cost.....

Specify voltage desired when ordering.

**LAFAYETTE DUAL WAVE SUPERHET**

**Model F-36**—Lafayette 10-tube Dual Wave Superheterodyne Receiver in table model cabinet shown above, complete with speaker and tubes. Dimensions: 20 in. high, 15½ in. wide, 11½ in. deep. For 105-120 volts, 50-60 cycles. A.C. Shipping weight 55 lbs. Code Birga. List price, \$145.00. **\$57.75**  
Your Cost.....

**Model F-37**—Same as above, except for 200-240 volts, 25-60 cycles A.C. Shipping weight 60 lbs. Code Berics. List price \$150.00. Your Cost..... **\$60.75**

**Model F-32**—Lafayette 10-tube Dual-Wave Superheterodyne chassis only, fully described on pages 8 and 9, with matched dynamic speaker and tubes, for 105-120 volts, 50-60 cycles A.C., less cabinet. Dimensions: 13½ in. wide, 10 in. deep, 9 in. high. Shipping weight 38 lbs. Code Bucks. List price \$125.00. **\$49.75**  
Your Cost.....

**Model F-33**—Same as above, but for 200-240 volts, 25-60 cycles A.C. Shipping weight, 43 lbs. Code Bronte. List price \$130.00. Your Cost..... **\$52.75**

**Model F-39**—Lafayette 10-tube Dual-Wave Superheterodyne Receiver with Capehart Record Changer in special Phono-Radia De Luxe Console as described on page 14. Complete with speaker and tubes, for 105 to 120 volts, 60 cycles A.C. Dimensions: 47½ in. high, 23 in. wide, 18½ in. deep. Shpg. wt. 185 lbs. Code \$ **154.75**  
Carec. List Price \$350.00. Your Cost.....

# 10 tube Lafayette DUAL WAVE! RADIO and PHONOGRAPH COMBINATION!



**N**O picture can adequately describe this Lafayette Phono-Radio Combination. It is without doubt one of the finest musical instruments ever to be placed on the market, and from which the owner will derive many hours of pleasant entertainment.

The chassis employed with this set is the remarkable new Lafayette 10 tube Dual Wave Superheterodyne Receiver, truly an international set. European stations, police calls, "ham" stations, and the regular broadcast stations are placed at your command in one of the finest receivers ever assembled.

Radio reception, however, is not the only form of entertainment available. Knowing this, the Lafayette engineers have coupled to the 10 tube Dual Wave Superheterodyne a powerful dual speed phonograph motor and electric pick-up. The most beautiful music in the world, the recordings of the most famous artists of the present and the past, is placed at your disposal.

The entire unit, both radio and phonograph, is housed in a beautiful little cabinet that further advances Lafayette's claim to distinction. Top and sides of natural mahogany, a beech-wood front, maple columns and natural mahogany front apron are all artistically blended to create a semi-modern finished design that will go well with almost any set of furniture. The top of the cabinet is strongly hinged, and when lowered completely hides the phonograph compartment.

The high quality of Lafayette standards has been maintained throughout. You are assured of a perfect radio and record reproduction.

**Model F-41—Lafayette 10 tube Dual Wave Superhet Phono-Radio Combination with dual speed motor and pick-up, for 105-110 volts, 60 cycles A.C. Complete with tubes. Dimensions: 24½" high, 16" wide, 17½" deep. Shpg. wt. 115 lbs. **\$79.75****  
Code Parko. List \$199.50 Your Cost

**Model F-42—Same as above but for 220-240 volts, 60 cycles A.C. Shpg. wt. 115 lbs. **\$84.75****  
Code Lokus. List \$215.00. Your Cost

## 10 Tube Lafayette CUSTOM BUILT SUPER-HET!

### A CUSTOM BUILT SET

**L**AFAYETTE again shows the way in presenting this new 10 tube Superheterodyne. The precision construction throughout has resulted in the radio man's dream of the "perfect receiver". This Lafayette engineering masterpiece again proves the leadership we have always maintained.

### NO POWER TRANSFORMER

By the use of a new and radical principle of radio design, the power transformer has been eliminated. Two 25Z5 rectifiers are used in such a way that the line voltage is stepped up four times. The new voltage quadrupling system truly makes this set a trouble free receiver.

### LATEST TYPE TUBES

The most advanced and most powerful tubes have been utilized in the construction of the set. Following is a list of tubes used in the chassis: one 78 as a radio frequency amplifier, one 6A7 as first detector and oscillator, one 78 as first intermediate frequency amplifier, one 78 as second intermediate frequency amplifier, one 75 as second detector, one 77 as an inverter stage, two 42's as push-pull output, and two 25Z5's as voltage quadrupling rectifiers.

### PERFECT AUTOMATIC VOLUME CONTROL

No longer need one be annoyed by fading when receiving signals from distant stations. The irritating condition known as "blasting" noise between stations has been overcome. The volume level is automatically held to the exact point-determined by the setting of the manual control.



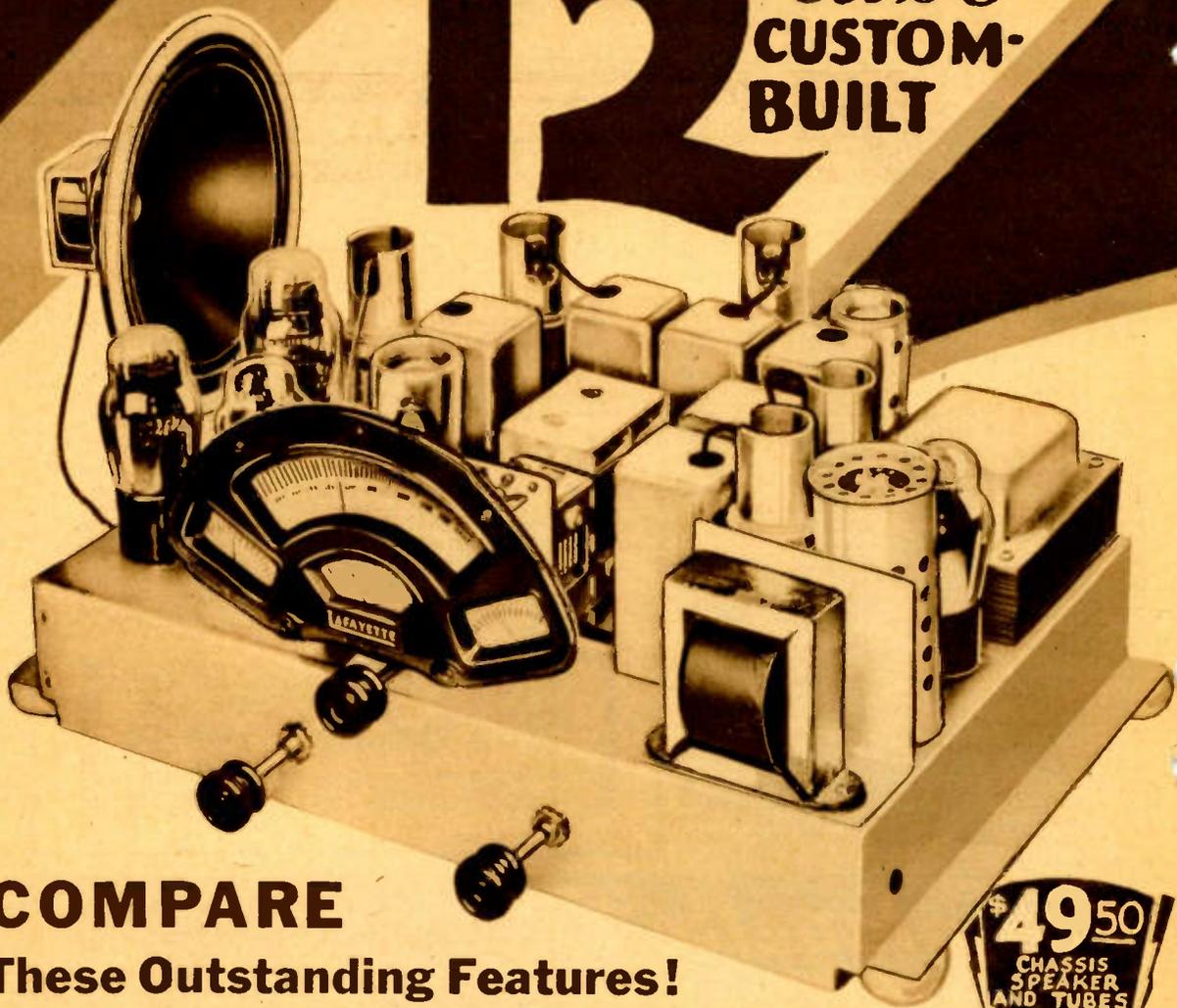
**\$49.50**  
WITH TUBES

**Model A-61—Lafayette 10 tube Superheterodyne chassis, with tubes and single speaker. For 102-120 volts, 50-60 cycles A.C. **\$34.95****  
Shpg. wt. 42 lbs. Code Costo. List \$80. Your Cost

**Model A-62—Lafayette 10 tube Superheterodyne Console (as illustrated) with tubes and single speaker, for 102-120 volts, 50-60 cycles. Dimensions: 40" high, 24½" wide, 13½" deep. Shpg. wt. 97 lbs. **\$49.50****  
Code Grogg. List \$110.00. Your Cost

**A CENTURY OF RADIO PROGRESS IN ONLY 12 YEARS**

# 12 *tube* CUSTOM-BUILT



## COMPARE These Outstanding Features!

**\$49<sup>50</sup>**  
CHASSIS  
SPEAKER  
AND TUBES

- 1 INCREASED WAVELENGTH RANGE.** Tunes from 530 to 1750 kilocycles (565 to 165 meters). This increased tuning range enables you to take in the POLICE BAND easily. No switches required.
- 2 CLASS "A" PRIME AUDIO AMPLIFICATION.** Output more than 12 watts of undistorted power. This power is sufficient to fill a large dance hall with full-toned music of incomparable quality.
- 3 AMPLIFIED AUTOMATIC VOLUME CONTROL.** Hence all stations come in with the same volume. A particularly new feature is the fact that the automatic volume control is AMPLIFIED, which makes this a.v.c. system many times more effective than ordinary methods of controlling volume.
- 4 ACOUSTICAL INSULATION** is accomplished by rubber-cushion mounting of chassis and condenser which eliminates vibration and tone distortion. This method of mounting does for a radio set what rubber mounting did for the automobile engine.
- 5 EXTREME SENSITIVITY.** Stations thousands of miles away come in like locals. This has been accomplished by precision alignment of all units so that each works to perfection. Sensitivity is better than 1 microvolt.
- 6 HIGH SELECTIVITY.** Usually, selective stations cut side bands, thus ruining the quality of reproduction. In this receiver, high selectivity is maintained and at the same time, the quality is perfect.
- 7 SUPERB QUALITY OF REPRODUCTION AT ALL VOLUME SETTINGS.** In many sets, the quality of reproduction changes every time you change the volume control. Not so in this set. The quality is but a whisper or is roaring over the noise of a dance hall.
- 8 VISUAL TUNING METER.** This is a unique device that tells you when you have a station tuned-in exactly. In a highly selective receiver, it is essential that the station be tuned in properly and the tuning meter tells you exactly when you are tuned in.

# Lafayette DE-LUXE!

## WITH INCREASED BROADCAST RANGE

In the new Lafayette 12-tube custom built De Luxe superheterodyne you will find every desirable feature that goes to make up the ideal radio receiver, the receiver that fills all wants.

Outstanding among its features is its increased wave-length range. Without troublesome switches or plug-in coils of any kind. Not only can you hear every American, Canadian and Mexican broadcasting station, but also hundreds of extremely interesting amateur, police and television stations, whose transmissions will keep you enthralled for hours at a time.

This extra-wave-length coverage is your assurance that the set will not become obsolete on your hands in a year or two if the present broadcast band is widened.

### Advanced Superhet Circuit

The superheterodyne circuit achieves its highest realization in the Lafayette 12 tube receiver. The circuit as it stands is unbeatable for consistent results. The tube layout is as follows: 1—55 diode-triode as second detector and first audio amplifier; 3—56's, one as oscillator and two in the special amplified automatic volume control circuit; 4—58's, two as intermediate frequency amplifiers, one as first detector and another as radio frequency amplifier; 3—45's, two of which are used in the Class "A" prime audio output stage and the third as an auxiliary rectifier; and 1—82 mercury vapor rectifier.

### New Amplified AVC

The new AMPLIFIED automatic volume control eliminates blasting effects when tuning from weak to strong stations, assuring steady volume of reproduction and easy tuning. Full automatic control is obtained by the amplifying action without the need for an interference suppressor tube, which introduces distortion under certain circumstances. Perfect adjustment of the tuning knob is facilitated by an open faced tuning meter which indicates exactly when a carrier wave is properly tuned in.

The sensitivity of this 12-tube superheterodyne is rated at 1 microvolt per meter, which means that coast-to-coast reception may be expected even under unfavorable conditions. Full 10 kilocycle selectivity is obtained without side-band cutting; this means freedom from interference without sacrifice of tone quality.

### Uniform Tone Quality

Absolute purity of tone is produced by the combination of the Class "A" Prime stage, the four-point rubber chassis mounting, linear detector and a new type of 12-inch dynamic speaker. And what is more important, this same purity is obtained at either low or high volume settings. A full range tone control allows complete gradation of tone from low bass to brilliant highs, to suit your own taste.

### Phonograph Operation

For those desiring to use this Receiver for phonograph work, it will be supplied with special matching transformer at no extra cost—specify when ordering.

### Highest Workmanship Throughout

Extremely close manufacturing tolerances, broad safety factors and frequent testing make this custom built instrument a permanent investment for the home. The usual high Lafayette standards of workmanship and quality are evident throughout.

### Oversize Speaker—Perfect Quality— Tremendous Power

Get one of these new Lafayette 12-Tube, Custom-Built Supers, hook it up, and critically examine its performance. You glide from station to station—another one at every point on the dial. Pick out a station and tune it in—the Lafayette way. A visual tuning meter tells you instantly when you're tuned in. Adjust the tone control to suit your particular taste and then change the volume from a mere whisper to the full 12 watts output. The quality remains unmarred, only the volume changes.

### Visual Tuning Meter

In many cases, poor results are not due to a faulty receiver. Very often the effect of "fuzziness" or distortion are caused by improper setting of the dial. Lafayette engineers have forestalled this possibility by the use of a tuning meter mounted directly on the front panel. One can now achieve "hairline" tuning simply by adjusting the dial until the meter needle swings to the furthest point on the scale. This feature really makes tuning a "child's play."



**\$64.50**  
WITH TUBES

A powerful, oversize, 12" dynamic speaker is supplied with this set. This speaker was specially designed to handle the tremendous power of this set without distortion.

### Beautiful Cabinet

The design of the 12-tube Lafayette cabinet is the creation of a stylist and artist. The front is of solid walnut with a beautifully designed grille. The pilasters are of burl walnut in contrasting grains whose beauty is enhanced by fine lines of marquetry inlay. Legs and under structure are handsomely carved and turned.

Model B-51—Lafayette 12-Tube Superhet chassis for 105-120 volts, 50-60 cycles A.C. Dimensions: 18x12x8. Shipping weight 57 lbs. Complete with matched set of tubes and speaker. Code Brier. List \$117.50. **\$49.50**  
Your Cost

Model B-52—Same as above, for 220-240 volts, 60 cycles. Code Bruin. Shipping weight 60 lbs. List \$125.00. **\$52.50**  
Your Cost

Model B-53—Lafayette 12-Tube De Luxe Superhet Console Receiver for 105-110 volts, 60 cycle A.C. Size 40 in. high, 24 in. wide and 13 1/4 in. deep. Shipping weight 115 lbs. Complete with tubes. Code Flute. List \$175.00. Your Cost **\$64.50**

Model B-54—Same as above, for 220-240 volts, 60 cycle A.C. Code Flyer. List \$181.50. **\$67.50**  
Your Cost

**A CENTURY OF RADIO PROGRESS IN ONLY 12 YEARS**



## Lafayette 12-Tube Custom Built Superhet

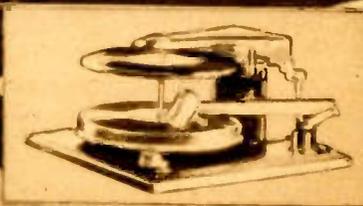
HERE is another example of Lafayette advanced design. Every modern feature that could possibly add to the artistic beauty of the finished unit has been incorporated into this striking console. Made expressly for those select few who know they want the best that can be procured.

The top, sides, and bottom of the cabinet are made of selected American striped walnut. The instrument panel and the pilasters on either side are made of stump walnut. These two hardwoods are blended to perfection, presenting an exquisite frontal appearance. To relieve the severity of the panel, there is a center strip of zebra with a stripe at the front. In all, a distinguished setting for a superb set.

Model B-55—Lafayette 12-Tube De Luxe Superhet Console for 105-110 volts, 60 cycles A.C. Size 40 in. high, 26 in. wide and 14 in. deep. Shipping weight 138 lbs. Complete with tubes. Cade Dando. List \$175.00. **Your Cost \$72.50**

Model B-56—Same as above for 220-240 volts, 60 cycle A.C. Cade Porlo. List \$181.50. **Your Cost \$75.50**

*The* **WORLD'S FINEST**  
**MUSICAL COMBINATION**



### LAFAYETTE 12-TUBE DE LUXE SUPERHET with Capehart Phonograph and Automatic Record Changer

THE world's supreme musical reproducer, a de luxe, phano-radio combination with the new Lafayette 12-Tube Superhet (fully described on pages 12 and 13) plus the famous Capehart Phonograph and Automatic Record Changer. The finest in radio—unequaled reception with your Lafayette PLUS the CAPEHART AUTOMATIC RECORD CHANGER—a phonograph that will reproduce your records perfectly, which makes it possible to listen to 3 hours of music without interruption, without the constant necessity of changing records. Plays 10 and 12 inch records.

The console illustrated consists of a fine blend of four types of selected walnut, whose beauty is further enhanced by fine wood carvings in acanthus. Truly an example of inspired art.

#### Complete with Capehart Record Changer

Model B-57—Complete console as illustrated with CAPEHART RECORD CHANGER, Lafayette 12 Tube Superhet, 12" dynamic speaker, and tubes, for operation on 105-120 volt, 50-60 cycle. Dimensions: 47½" high, 23½" wide and 18½" deep. Shpg. wt. 185 lbs. Code Cofan. List price \$380.00. **Your Cost \$147.50**

Model B-58—Same as above, less Capehart Record Changer but with STANDARD TWO SPEED MOTOR, for 105-120 volts, 50-60 cycles A.C. Shpg. wt. 173 lbs. Code Athos. List price \$270.00. **Your Cost \$117.50**  
Either available for 220-240 volt, 50-60 cycle A.C. **Additional Cost \$5.00**



**A CENTURY OF RADIO PROGRESS IN ONLY 12 YEARS**

# Lafayette BATTERY SETS

Equal to A. C. Sets in Performance!

## 6 Tube Superhet

Wave length range: 200 to 565 meters.

**\$27.50**  
WITH TUBES



THE new Lafayette 6 Tube Battery Superheterodyne fully satisfies the two main requirements of all purchasers of battery operated sets: High sensitivity and low current drain. The superheterodyne circuit, with a sensitivity of 10 microvolts, assures a wide receiving range in the remote country places where the set is most likely to be used. The use of the highly economical 2-volt tubes means that the batteries will last the longest possible time. The actual filament drain is only one-half of one ampere, while the "B" current measures only 13 milliamperes! The filament voltage is maintained at the correct value by a new type of automatic regulator which requires no attention.

### Good Use of Class B Amplification

The Class B audio amplifier not only assures good tone quality through an eight-inch magnetic speaker, but also makes for long "B" battery life, as the dual amplifier tube draws plate current only when signals are actually being received.

The tube combination is as follows: One 30 as first audio amplifier; one 32 as first detector-oscillator; two 34's, one as intermediate amplifier, the other as second detector; one 19 dual output tube; and one 6AA ballast tube for automatic filament voltage regulation.

### The Batteries Needed

Filament current may be obtained from a bank of ordinary dry cells, an Eveready "Aircell", or a storage battery. For plate sup-

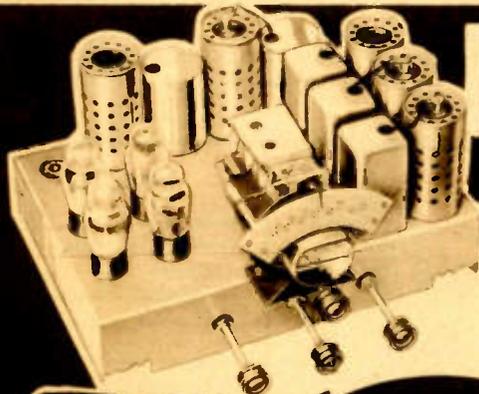
ply 135 volts of "B" battery is needed; for bias, a single 22½ volt "C" battery.

### Rubber Chassis Mounting

Microphonic noises, common in most other battery sets, have been eliminated in the new Lafayette 6 tube model by a four point rubber cushion mounting of the chassis. This serves to insulate the chassis, acoustically, from the loud speaker.

Model B-59—6 tube battery operated receiver with tubes and new type 8" magnetic speaker, less batteries. Dimensions: 20½" high, 19" wide, 10½" deep. Shpg. wt. 29 lbs. Code Kokar. List \$69.00. Your Cost **\$27.50**

Set of Burgess "B" and "C" batteries for 6 tube set (135 volts "B", 22½ volts "C") and Eveready Aircell. Shpg. wt. 70 lbs. Your Cost **\$10.95**



# 10 tube Lafayette BATTERY SUPER-HET

## A POWERFUL BATTERY SET

INCREASED wave length range, extreme economy of operation and great sensitivity make the new Lafayette 10 Tube Battery Superheterodyne one of the outstanding battery sets now on the market. Features hitherto found only in A.C. sets, abound in this latest product of Lafayette engineering skill and precision workmanship.

The set tunes from 530 to 1750 kc. (565 to 165 meters), without plug-in coils or switching devices. You will hear hundreds of interesting police, amateur and television stations. The sensitivity of 3 microvolts assures good local and distant reception even under adverse conditions. The carefully engineered superhet circuit has sharp 10 kc. selectivity, which means freedom from interference. An automatic volume control of the diode type is your final guarantee of perfect reception.

Perfection of tone quality rarely achieved in a battery set is made possible by a class "B" audio amplifier working into an 8-inch permanent magnet dynamic speaker, with real baffle area provided by the full size console cabinet pictured. Distortion due to chassis vibration is completely eliminated by four point rubber cushion mounting. Poor results due to faulty tuning are entirely eliminated

by the inclusion of a tuning meter in the chassis, which clearly shows when a station is properly tuned.

The one type 10AB ballast tube, three type 34's and six type 30's draw a total filament current of only .54 ampere, and a plate current of only 20 M.A. This means you can expect long service from the required Aircell "A" battery, 135 volts of B and 16½ volts of "C" batteries. An automatic filament voltage regulator gives maximum tube life and uniformity of overall results. As the "B" batteries run down slowly in normal use, an automatic bleeder circuit keeps the "C" bias at the proper value, thus eliminating a common cause of distortion.

The console cabinet is the six leg type and of beautiful American walnut, with plenty of room for all required batteries.

The ruggedly made chassis, which is cadmium plated, measures 13½" wide, 9½" deep and 10" high.

Model B-60—10 tube Superheterodyne, battery operated receiver, with 8-inch permanent magnet dynamic speaker and tubes, less batteries. Dimensions: 25" wide, 13" deep and 42½" high. Shpg. wt. 100 lbs. Code Grand. List \$95.00. Your Cost **\$52.50**

**\$52.50**  
WITH TUBES



A CENTURY OF RADIO PROGRESS IN ONLY 12 YEARS

# Trutest

## CUSTOM-BUILT SETS



### ADVANCED

### ECONOMY EIGHT KIT

THE Trutest ADVANCED ECONOMY 8, which was featured in recent issues of both "Radio News" and "Radio Craft" and was widely acclaimed by the readers of these national magazines, is without doubt one of the best broadcast receiver kits available on the market today. It is a real, man-sized outfit, the formed metal chassis measuring 12" deep, 16½" wide and 7¼" high. The neat appearance and logical arrangement of the parts

never fail to arouse favorable comment. Don't get the idea that the large size means that there are large empty spaces in the chassis. There are no midget parts in this receiver. Each component has been carefully designed to provide an ample safety factor, resulting in a finished unit that will give trouble free service.

For the service man or custom-set builder the ADVANCED ECONOMY 8 is a sure-fire money maker. It can be assembled in a short period of time, the only tools necessary being pliers, screwdriver and soldering iron. During the present times of depression prices, this is one of the few sets that stand out as a remarkable buy at the price quoted. Installed in a console cabinet, along with a dynamic speaker, it attracts attention from people interested in high quality radio apparatus—people who have money to spend. A demonstration is enough to convince them that this is the set that gives complete radio enjoyment.

# 8 tube

## SUPER-HET

**\$14.95**  
KIT OF PARTS

Only the finest of materials, all carefully selected and checked by our laboratory engineers, are used in this kit. The quality and workmanship of all parts and fittings are checked just as thoroughly as in the case of the complete factory built Lofoyle receivers.

The reliable, time-tried T.R.F. circuit makes the ADVANCED ECONOMY 8 a real performer, with sensitivity, selectivity and power much in excess of normal requirements. Three stages of r.f. using type 58 pentodes work into a type 57 detector; a 56 first audio and two 2A5's in the output stage and type 80 rectifier. The audio output is 6 watts. For general smoothness of operation this combination is unbeatable.

- Model Y22037—Trutest Economy 8 Tube Kit, less tubes and speaker. Shpg. wt. 28 lbs. Code Trute. **\$14.95**  
List price \$35.00. Your Cost.....
- Model Y22038—Matched 12" Dynamic Speaker. Shpg. wt. 10 lbs. List \$10.00. Your Cost..... **\$4.25**
- Model Y22039—Kit of 8 matched tubes. Shpg. wt. 7 lbs. Your Cost..... **\$5.50**

# 5 tube Jr. DX'er

## SUPER-HET

**\$12.95**  
KIT OF PARTS



### SPECIAL

Every Trutest kit described in this catalog comes fully equipped with complete construction details, all nuts, bolts, washers, etc.

IS an advanced superheterodyne broadcast receiver of such excellent design that its five tubes give the same results obtained from many six and seven tube sets. Needle sharp tuning is assured by the use of a three-gang variable tuning condenser and a stage of pre-selection, ahead of the combined oscillator first detector stage employing a type 57 pentode; following is a stage of high-gain intermediate frequency amplification using a 58 pentode, then a type 57 second detector, a 2A5, and finally a type 80 rectifier. An undistorted output of 3 watts is obtained from the 2A5—enough even for a small dance hall.

Service men with a little spare time on their hands are building up a nice side business by assembling JUNIOR DX'er's and selling them in various kinds of cabinets as custom-built instruments. You can do the same!

Little time or effort is needed, as the kit of parts is complete to the last detail, including washers, soldering lugs, etc. The chassis is accurately drilled and formed, and all parts fit to perfection. You cannot go astray, as full and detailed instructions are included. Any standard dynamic loud speaker having a field resistance of 1800 ohms may be used.

The JUNIOR DX'er was described recently in "Radio News", and proved very popular with radio constructors all over the country. The fact that it was approved by the laboratory of this unbiased magazine indicates it is a really good receiver.

The metal chassis is standard, and measures only 10½" wide, 6¾" deep and 6" high, overall.

- Model JR. DX'er—5 tube superheterodyne Kit, less tubes and speaker. Shpg. wt. 19 lbs. Code Feule. List price \$32.50. **\$12.95**  
Your Cost.....

- Model JR. DX'er—Complete Kit of 5 specially matched tubes. Your Cost..... **\$2.95**
- Matched speaker, 1800 ohm field, including proper output transformer. Code Fidel. **\$2.95**  
Your Cost.....

# RECEIVER KITS... EASY TO ASSEMBLE AND WIRE...

AFTER years of experimentation, Trutest engineers are offering a 7-tube receiver in kit form to the public. Seven-tube sets are usually "tricky", and Trutest did not want to announce such a receiver until it was perfect. NOW, IT IS PERFECT, AND WITHOUT DOUBT IS THE FINEST 7-TUBE KIT AVAILABLE.

This advanced model of the now famous Trutest 7-tube Super-heterodyne does justice to the foresight of Lafayette engineers. They developed a circuit of the superheterodyne type which has all of the features of far more expensive sets, and which sells for a price that seemed "impossible" to other production engineers. This "impossibility" was realized, not by using inferior parts, but by so designing the circuit that a minimum of apparatus is required. The parts used in this superhet are the same high quality parts that are used in all other Trutest equipment.

The selectivity and sensitivity of this 7-tube superhet are remarkable—stations whisk in and out at every turn of the dial. The quality of reproduction is perfection itself, notwithstanding the hairline selectivity and sensitivity.

The latest tubes helped to make this "impossibility" possible. A 58 is used in the radio-frequency stage, a 56 as oscillator, a 5A6 as a first detector, a 58 in the intermediate-frequency stage, a 2A6 combination diode detector and audio amplifier, and a 2A5 in the output stage. Undistorted power output, 3 watts. Rectification is accomplished by means of a type 80 tube.

The automatic volume control used is very effective. By setting the manual volume control at a predetermined point, all stations will come in at the same volume without resetting the volume control. This is one A.V.C. system that really works.

Dimensions: 13" wide, 10" deep, and 7" high. All parts well spaced to prevent excessive heating and consequent service calls. It is fully equipped with tone control and full-vision dial.



**\$17<sup>75</sup>**  
KIT OF PARTS

Kit of parts 7 tube Superhet—  
less tubes and speaker. Shpg.  
wt. 30 lbs.  
Your Cost ..... **\$17.75**

Special dynamic speaker ..... **\$3.75**  
Matched kit of tubes ..... **\$4.10**  
Mantel cabinet ..... **\$3.95**

## NOTICE!

All that is needed is a screwdriver, a pair of pliers, and a soldering iron. THERE ARE NO "EXTRAS" TO BUY—ALL KITS ARE ABSOLUTELY COMPLETE.

**\$12<sup>75</sup>**  
KIT OF PARTS

## The PAL 5 tube SUPER-HET

THE world-wide famous "Pal", of which hundreds have been sold, has been modernized, improved, and installed in a handsome, modern, wood cabinet. Now it is positively the finest, up-to-date universal receiver kit that money can buy. Let these remarkable features tell their own story.

First, it uses the latest type tubes: a 78 in the r.f. stage, a 77 detector, a 37 first audio, and the excellent 43 in the output stage. These tubes work EQUALLY well on D.C. or A.C., are little affected by the line voltage variations, and give uniform results even under unsatisfactory conditions.

Second, the circuit has been simplified to such an extent that the wiring and assembly is practically fool-proof.

Third, the sensitivity is so high that the usual outside antenna is not required—neither is a ground. A small wire run under the rug is more than sufficient in most cases.

Fourth, the power supply uses the new 25Z5 rectifier, a tube that lasts longer and gives better service than any other in its class.

For sensitivity and quality, the FIVE TUBE "PAL" delivers for more than its quota. The simplicity of operation and its extremely small size enable it to be used anywhere. It can be tucked in one corner of a small suitcase or desk, or even discreetly hidden in a bookcase.

A full tone DYNAMIC SPEAKER is used, insuring quality obtainable only with large size sets.

N13840—Complete Kit Trutest "Pal" Portable. Includes all parts drilled chassis matched dynamic speaker, matched set of tubes, instructions and diagram. Shpg. wt. 8 lbs.

Your Cost ..... **\$12.75**

N13841—Trutest "Pal" Kit with Speaker less tubes and Cabinet. Your Cost ..... **\$8.75**

N13842—Special Cabinet of artistic design. Your Cost. **\$1.95**

N13843—Special leatherette carrying case. Your Cost. **\$1.25**

A CENTURY OF RADIO PROGRESS IN ONLY 12 YEARS

# Again **WHOLE** Way to a

# TURN THE SPOT- ON THE TR

## LETTERS FROM THE LEADERS!

### INTERNATIONAL RESISTANCE COMPANY



September 1, 1933.

Wholesale Radio Service Co., Inc.  
100 - Sixth Avenue,  
New York, N. Y.

Gentlemen:

We want to take this opportunity to express the hope that you will enjoy a prosperous Fall and Winter Season.

During the twelve years that we have done business with you, we have watched your constant growth year after year.

The high standards of excellence which you have set for yourselves, as well as for the protection of your customers, is, in our opinion, one of the reasons for your growth. We want you to know that we, for our part, have always made every endeavor to produce the kind of merchandise which will meet or exceed your exacting requirements.

Your policy of selling only brand new, quality merchandise which can be sold under guarantee, has brought you to your high position in the Radio Industry.

Very truly yours,

INTERNATIONAL RESISTANCE COMPANY

*Daniel J. Atbanks*  
Daniel J. Atbanks  
Sales Manager.



September 1, 1933

Wholesale Radio Service Co.  
100 Sixth Ave  
New York City N. Y.

Gentlemen:

We have your letter announcing the issuance of your catalog #95.  
We want to go on record as saying that our dealings with you have always been a source of great satisfaction to us.  
One reason for this is that you insist upon quality above everything else in your merchandise and do not deal in "seconds", factory rejects, or obsolete merchandise. Your customers certainly can buy with confidence and with the knowledge that their purchases incorporate every latest feature.

Your constant growth throughout your twelve years of dealing with the public is ample testimony of your honesty and integrity as well as the high esteem in which you are held by the buying public.

A company of your reliability is deserving of every success and we for our part will continue to recommend you to all who look for quality and satisfaction in the Radio Merchandise which they purchase.

Very truly yours,  
AEROVAC CORPORATION

*Chapman*  
Chapman

## Where the Promise is Performed!

**B**EWARE of the fanciful claims, the trickery and false statements of the Replacement Parts RACKETEER. DO NOT BE FOOLED by the fanciful claims and impossible low prices of fly-by-night concerns which sell you rebuilt, defective or patched up replacement parts under the guise of new merchandise!

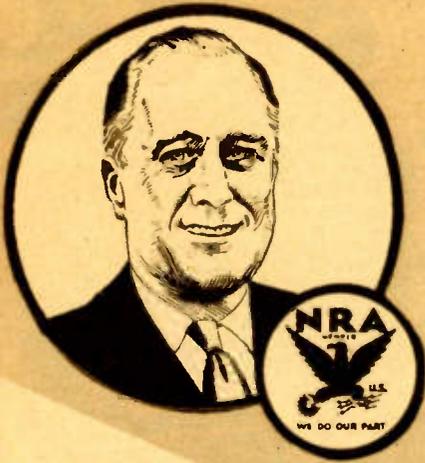
Be sure that you get the lowest wholesale prices but also be certain that the merchandise you order can be relied upon. PRICE ALONE DOES NOT MAKE A BARGAIN! Every single item in this catalog is guaranteed to be brand new, first class merchandise truthfully and accurately described!

Leading manufacturers are aware of the evils of the Replacement Parts Racket! They are doing everything possible to protect you against wild claims and illegitimate practices. The letters on this page are but two of the many in our files from all the country's leading manufacturers. They give you proof of the high esteem in which WHOLESALE RADIO SERVICE COMPANY is held.

For 12 years we have been distributors of every leading manufacturer in the country. We have sold only brand new, quality merchandise which we could guarantee to you, our customers. Manufacturers know this. That's why we have won THEIR confidence and deserve YOURS!

# As always, **WHOLESALE RADIO**

# **SALE Leads the NEW DEAL!**



**We believe with President Roosevelt . . .**

That there is but ONE WAY to stir people to action and to win their confidence—and that is by turning the spotlight on the TRUTH! For 12 years WHOLESAL RADIO SERVICE COMPANY has fought to keep the Radio Industry Clean and Honest. During these years our organization has grown to a business running into millions of dollars yearly! This could not have been possible if we had not performed our promises—if we had not won the confidence and respect of our thousands of customers! We have incorporated every progressive new idea as a part of our policy and we have been the first to inaugurate many NEW policies which have come to be generally accepted in the Radio Industry.

Now WHOLESAL RADIO SERVICE COMPANY leads again by joining NRA! We have promised to DO OUR PART and that promise is being performed daily throughout our great organization. We have shown the way to true leadership not only by signing the NRA pledge but by continuing OUR OWN CODE which for 12 years has made us the largest organization of the kind in the entire country!

**LIGHT  
UTTH**

## **OUR CODE**

To truthfully tell the prices, and to honestly and accurately describe in terms which cannot confuse or deceive.

To sell only standard, brand new, merchandise by foremost manufacturers which CAN be guaranteed.

To give you WHAT you order at HONEST prices and to render fast service on your order.

To never deceive you, make false claims or make untruthful statements.

To be deserving of your confidence and patronage always!

**WHOLESAL RADIO SERVICE COMPANY**

**SERVICE Tells the TRUTH**

# HUNDREDS OF LETTERS PROVE CONCLUSIVELY... Lafayette SHORT-

**34.50**  
RECEIVER  
ONLY

## Lafayette Deluxe 6-Tube A. C. Short Wave Receiver

Why be satisfied with earphone reception on the short waves? Use a Lafayette, Deluxe and enjoy full loud speaker results, so that your family, neighbors and friends can hear the foreign stations. Rome, Paris, Berlin, London, Madrid, Moscow, Buenos Aires, Sydney, Melbourne and other cities of the world are heard regularly by owners of this wonderfully efficient set. Ships at sea, airplanes in flight, amateur, police and television stations by the hundred will greet you, through the loud speaker, as you turn the dial. The whole world is at your fingertips with the Lafayette Deluxe Receiver!

- ★ Custom Built throughout.
- ★ Individual shielding of each stage assures stability.
- ★ Tuner and power pack in one cabinet, with complete shielding prevents interaction.
- ★ Latest type high gain R.F. and A.F. tubes.
- ★ Special low-loss plug-in coils on Isolantite forms.
- ★ Isolated primary, permits use of the special antennas.
- ★ Attractive crystalline finish cabinet, does not show finger marks.
- ★ Provision for earphone and phonograph pick-up connection.
- ★ Models for all voltages and cycles.

### Designed After Years of Research

The remarkable success of this receiver was not due to chance hits, but to years of constant research. During that time many models were tried, tested and rejected, before the present receiver was decided upon, which is, with the addition of many improvements, the TRF regenerative detector circuit. This type of circuit proved best because of its stability, low noise level, greater output per stage and overall smoothness.

A 58 pentode tube is used in a high gain tuned radio frequency stage, which incorporates a special selector winding controlled by a small variable condenser, enabling you to obtain maximum selectivity and perfect antenna compensation. A type 58 pentode is used as a regenerative detector which receives its excitation from the first R.F. stage through a special high gain inter-stage coil. The output of the latter is coupled to a 56 first audio tube, which is transformer coupled to a pair of 2A5 power output tubes, affording a six watt undistorted output.



### Power Supply

The power supply division, combined with, but fully shielded from the receiver, utilizes a type 80 rectifier. Individual shielding of each stage. In a black crystalline-finish cabinet, 12 1/2 x 12 1/2 x 8 3/4" high. Equipped with phonograph pick-up and headphone jacks. For use with 450 ohms D.C. or A.C. dynamic speaker. Specify type when ordering.

Special low-loss plug-in coils wound on isolantite forms are employed. Wave length range is plainly printed on handle of each coil, thus affording quick wave length change. The cabinet is so constructed that all shielding is part of the cabinet due to the fact that it is spot welded.

All Lafayette Short Wave receivers are designed for use with the new Doublet Antenna. Usually the use of this antenna increases the strength of all Short Wave stations as well as the signal to noise ratio. We therefore recommend it highly. For full details on the Doublet Antenna see page 138. Lafayette Short Wave Receivers likewise give satisfactory results when used with standard antennas.



### Special Dynamic Speaker for Use with Lafayette Short Wave Receivers

A special speaker designed for use with the Lafayette Deluxe S.W. Receivers, to be used on all models with the exception of the Battery Models. Special provision is made for the Field Excitation

from the receiver power supply.  
8" cone. Shpg. wt., 5 lbs. Code: Jener.  
W-19521. Your Cost

**\$4.50**

**Model M-10**—Lafayette Short Wave Deluxe 6 tube A.C. Receiver with 20 meter coils, for 110 volt, 50-60 cycle operation. Shpg. wt., 44 lbs. Code: Fiore.  
List, \$85.00. Your Cost, less tubes and speaker **\$34.50**

**Model M-14**—Same as above but for 110-120 volt D.C. operation. Code: Verde. List, \$85.00. Your Cost, less tubes and speaker **\$34.50**

**Model M-12**—Same as Model M-10, except 110-220 volt, 25-60 cycle operation. Shpg. wt., 48 lbs. Code: Monet. Your Cost, less tubes and speaker **\$39.50**

Kit of matched tubes for Models M-10 and M-12, 2 type 58's, 1 type 56, 2 type 2A5's, and 1 type 280 Rectifier. Your Cost **\$3.84**

**Model M-20**—Same as Model M-14, for 220 volt operation. Code: Blanc. Your Cost, less tubes and speaker **\$39.50**

Kit of matched tubes for Models M-14 and M-20, 2 type 78's, 1 type 37, 2 type 48's. Your Cost **\$4.95**

Additional Plug-in Coils, 35, 50 and 100 meter coils. Your Cost, per pair **\$2.50**

\*Prices on coils up to 2000 meters on request.

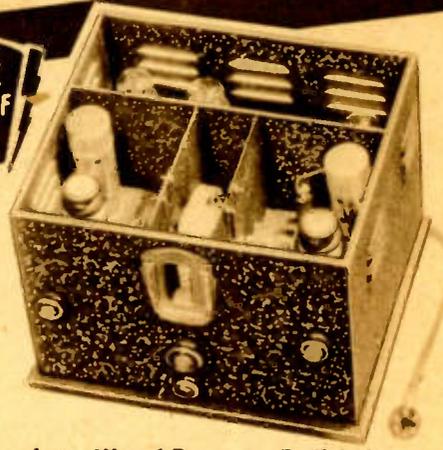
# IN OUR FILES WAVE SETS ARE BETTER!

**\$19.75**  
KIT OF  
RECEIVER  
PARTS ONLY

## Complete Kit of Parts for the Lafayette "Master 6" Short Wave Receiver

As Described in Radio News

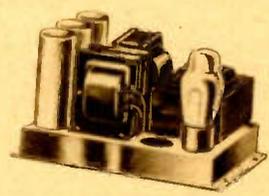
Oversize parts are used throughout. Isolantite Framed Condensers. High-Farad Audio By-Pass Condensers. Bank Wound Short-Wave R.F. Chokes. The cabinet is so constructed that each stage is individually shielded. Vernier illuminated dial—in fact, one of Lafayette's greatest achievements. This short-wave receiver employs all the latest tubes; two type 58 R.F. Pentodes, one type 56 Triode and two Type 2A5 Power Amplifiers, in identically the same type of circuit as the Lafayette Deluxe A.C. Short-Wave Receiver that is factory wired, except it has separate power supply and R.F. gain control. The cabinet is of black crystalline finish, measure 8½"x8¾" deep and 12½" wide. The receiver includes a Phonograph Pick-up and Headphone Jack. Either a 450 ohm D.C. or an A.C. dynamic speaker may be used.



## Complete Kit of Parts to Build the Specially Designed Power Pack for the above Short Wave Receiver

We have developed a power supply in kit form, to match this receiver. This kit includes all the necessary parts, including a drilled aluminum finished chassis, and a complete set of diagrams and instructions. Employs a type 80 rectifier, and delivers 275 volts of plate supply at 110 M.A. Has a filament supply of 2.5 volts at 6 amps. All voltage outputs are brought to one socket, in which the supply plug from the receiver fits.

Model No. N13872—Lafayette MASTER SIX power supply kit, with drilled aluminum finished chassis measuring 9¼" long, 6¾" wide, and 5½" high, and complete instructions, for 110 volt 50-60 cycle operation. Shpg. wt., 15 lbs.



Code: Spurl. Your Cost, less tube ..... **\$9.95**  
Model No. 13873—Same as above for 110-220 volt 25-60 cycle operation. Shpg. wt., 20 lbs. Code: Spurl. Your Cost, less tube ..... **\$12.75**  
Type 80 tube ..... **36c**  
Your Cost ..... **36c**

Model 35—Lafayette 5 Tube Short-Wave Receiver Kit ONLY, including a complete set of diagrams and instructions, less tubes, speaker, power pack and coils. Shpg. wt. 30 lbs. Code: Ralaf. List price **\$19.75** \$40.00. Your Cost .....  
Kit of Matched Tubes: 2-58's, 1-56, 2-2A5's. **\$3.48**  
Your Cost .....  
Isolantite form Plug-in coils, covering 14-115 meters, in four sets; 20, 35, 50 and 100 meters. Specialty range desired. Your Cost, per set ..... **\$2.50**  
Additional coils up to 2000 meters, prices on request.

## The Lafayette 4-Tube Battery Model Short Wave Receiver

Up till now, many Short Wave fans have been denied the pleasure of good reception, because they reside in localities where no electricity is available in any form. Lafayette engineers have not overlooked these enthusiasts, and as a result, have developed a companion to the Deluxe Receiver which operates entirely from batteries and that incorporates all the well known features of the A.C. Operated S.W. Receiver.



**\$23.50**  
RECEIVER  
ONLY

### Battery Pentodes Used

The battery model uses, four tubes: A type 34 R.F. Pentode as the tuned radio frequency amplifier, a type 34 as regenerative detector, a type 32 as screen grid voltage amplifier, and a type 33 audio output pentode. In overall sensitivity this set is practically the equal of the A.C. model, having a slightly lower audio output only because of the limitations of battery supply. Supplied with 20 meter coils.

### Works on Aircell Battery

The new Lafayette 4-tube receiver works on a two-volt Aircell for filament current and 135 volts of "B" battery. A long cable for battery connection is supplied. All steel case, neatly finished in black crystalline, has hinged top. Measures 12½ inches wide, 6 inches deep, 8¾ inches high.

Special 8" Permanent Magnet Dynamic Speaker for Model M-15 Receiver. W-19395. **\$8.50**  
Your Cost .....  
Additional Plug-in Coils, 35, 50 and 100 meter coils. **\$2.50**  
Your Cost, per pair .....  
Prices on Coils up to 2000 meters on request.

Model M-15—Lafayette 4-tube battery short-wave receiver, with set of 20 meter coils. Less tubes, batteries, and loud speaker. Dimensions, 12½"x6"x8¾". Shpg. wt., 19 **\$23.50**  
lbs. Code: Minor. List Price, \$55.00. Your Cost .....  
Model M-18—Same as above with tubes. Code: **\$27.50**  
Dante. Your Cost .....

# Lafayette 6 tube A.C.-D.C. LONG WAVE SUPER-HET



THE Lafayette 6-Tube Super-Het Long Wave Receiver operates on the important wave length ranges ordinarily used in the United States and in addition, it also tunes in the European stations operating between 850 and 2000 meters. A two-position wave band switch makes it easy to change from the broadcast band to the long waves. No plug-in coils are used.

## SUPER-HET CIRCUIT—THREE GANG CONDENSER

The superheterodyne circuit employed, gives desired selectivity without impairment of tone quality. A three-gang condenser is used. Other features include a full range variable tone control, a velvet-action volume control, and an illuminated reduction drive dial, self-contained aerial, and a powerful matched dynamic speaker. The chassis is of rustproof metal and the construction is extremely rugged, permitting shipment to points thousands of miles away without damage to the receiver.

## USES UP-TO-THE-MINUTE TUBES

The newest type tubes are employed and these are arranged to take the utmost advantage of their potentialities. The tubes used are 3-77's, 1-78, 1-43, 1-25Z5. All tubes are pentodes except the new 25Z5 rectifier.

## BEAUTIFUL CABINET

An unusually attractive cabinet of semi-modern design houses this receiver. Beautifully grained walnut is used for the front and side panels with an attractive speaker grill in a contrasting colored mahogany. Two narrow lines of marquetry inlay emphasize the simple yet effective lines of the unit. Another proof of Lafayette's claim to distinction.

Model A-19—Lafayette 6-Tube Superheterodyne, 190 to 2000 meters, in cabinet measuring 15 in. wide, 9 in. high, 7½ in. deep, with dynamic speaker and tubes. For 110 volts D.C. or 110-120 volts, 50-60 cycles A.C. Shpg. wt. (packed) 15 lbs. Code Talto. **\$25.50**  
List \$65.00. Your Cost  
Special Adapter Cord for use on 220 volt. Your Cost \$1.25

# Lafayette 7 tube LONG WAVE SUPER-HET

## 200 to 2,000 Meters

THROUGH the use of a heavy duty two-position wave band selector switch, the Lafayette 7-Tube Superheterodyne covers the entire band from 200 to 2000 meters, without requiring plug-in coils. It is the ideal A.C. Long Wave Set for European or American use.

Features of this sensitive superheterodyne receiver are the use of a pre-selector stage controlled by one section of the three-gang condenser, single dial control, full-range variable tone control, new type perfected volume control, built-in aerial of the condenser type and an illuminated full-vision vernier dial.

## Large-Size Dynamic Speaker—Phono Jack

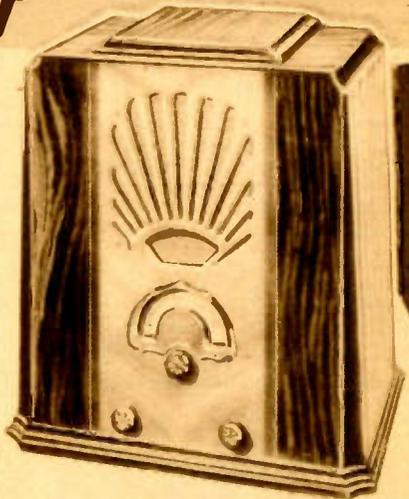
An extra large 8-inch dynamic speaker is especially matched to the output pentode tube. Splendid tone quality is assured regardless of the setting of the volume control. A phonograph pick-up jack permits the high quality audio system and loud speaker of this receiver to be used with an electric phonograph or for home broadcasting or recording.

## Tube Arrangement Highly Efficient

The tubes employed have been selected for maximum efficiency, sensitivity and power. They include 1-57, 3-56's, 1-58, 1-2A5 and 1-80.

Model A-7—Lafayette 7-tube Superheterodyne, 200 to 2000 meters, in cabinet measuring 19 in. high, 15½ in. wide, 10½ in. deep. With dynamic speaker and tubes. For 110-120 volts, 50-60 cycles A.C. Shpg. wt. 40 lbs. Code Nulap. List **\$32.50**  
\$80.00. Your Cost

Model A-8—Lafayette 7-tube chassis with dynamic speaker and tubes for 110 to 120 volts, 50-60 cycle A.C. Dimensions: 13 in. wide, 10 in. deep, 7 in. high. Shpg. wt. 32 lbs. Code Zoron. List **\$29.50**  
\$75.00. Your Cost  
Available for 220-240 volts—Additional Cost \$2.00



# Lafayette 10 tube TRIO WAVE SUPER-HET

THE Lafayette "Trio Wave" Superhet truly deserves to be designated as a cosmopolitan receiver. It operates just as well in London, Paris or any other foreign city as it does in the United States, tuning in the wave bands from 850 to 2000 meters with the same facility that it tunes in the short wave band between 15 and 200 meters or the U. S. broadcast band between 200 and 550 meters.

Amateur, Coast Guard, Police Calls, Transatlantic Phone Calls and Foreign Stations on the Short Wave Band—United States Broadcasting on the Medium Band—Foreign Stations on the Long Wave Band.

Aside from the fact that the "Trio" tunes to the 850-2000 meter band, it uses the identical tube combination, the same selective circuit and includes every significant feature of the 10-Tube All-Wave Lafayette Receiver described on pages 8 and 9.

Model F-34—Lafayette 10-Tube "Trio" Superheterodyne chassis only, with matched dynamic speaker and complete with tubes for 110-220-240 volts, 25-60 cycles A.C. Dimensions: 9 in. high, 13½ in. wide, 10 in. deep. Shpg. wt. 42 lbs. Code Perfe. **\$55.75**  
List \$102.00. Your Cost

Model F-35—Lafayette 10-Tube "Trio" Superheterodyne Receiver in cabinet measuring 19 in. high, 16 in. wide, 11½ in. deep, complete with tubes and speaker. For 110-220-240 volts, 25-60 cycles A.C. Shpg. Wt. 55 lbs. Code Purge. List \$110.00. **\$63.75**  
Your Cost



# A Lafayette

## A COMPLETE ALL-ELECTRIC AUTO RADIO



Check these outstanding features carefully:—

6 Tube Superheterodyne

ONLY 2 WIRES

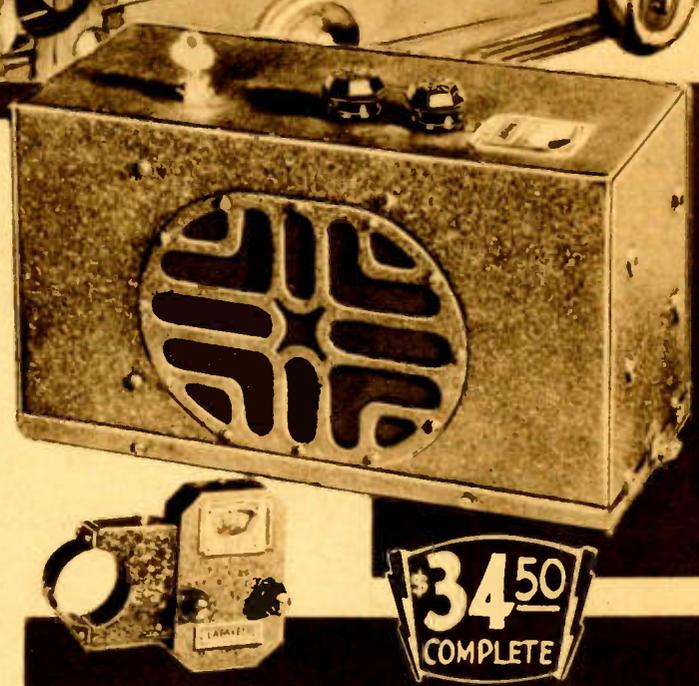
ONLY 4.85 AMP. DRAIN

NEW TYPE TUBES

AUTOMATIC VOLUME CONTROL

NO DRY BATTERIES

SINGLE UNIT CONSTRUCTION



This new Lafayette UNIVERSAL Auto Radio, is one of the first auto sets to take full advantage of the entirely new and improved series of low drain automobile tubes. It obtains all necessary power from the car's storage battery. Requires absolutely no "B" or "C" batteries! The total current drain on the storage battery is only 4.85 amperes!

The set is tuned directly from the chassis with one knob for tuning and the other for volume. An unusually fine remote control unit is available and easily attachable to the steering post for greater convenience in tuning. On the Remote Control unit, there is also a volume control and key lock switch.

### Six Tuned Circuits

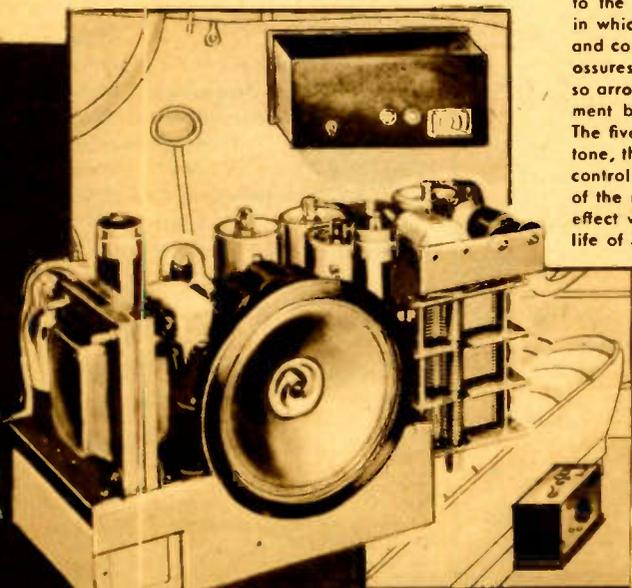
Six tuned circuits are used, with the tubes in the following arrangement: One type 77 advanced radio frequency pentode as both first detector (mixer) and oscillator. Two type 78 advanced vari-mu tubes in the radio frequency and intermediate frequency amplifier stages. One type 75 diodetriode as both second detector and first audio frequency amplifier. One type 41 advanced power pentode in the second audio stage. One type 84 high vacuum rectifier in the power unit. Sensitivity is rated at 1/2 microvolt per meter. Selectivity is carefully adjusted by proper choice of intermediate frequency to allow at last a 20 k.c. separation and still enable the set to be tuned easily.

### Unique Single Unit Construction

It is a masterpiece of compactness and efficiency, custom built throughout to the most rigid Lafayette specifications. The combined unit arrangement in which the chassis, power pack (B battery eliminator), dynamic speaker and controls are all housed in a single container of 12 x 5 1/2 x 6 1/4 inch size, assures maximum adaptability to all makes of automobiles. The receiver is so arranged that it may be hung on brackets from the underside of the instrument board or placed on the floorboards alongside of the driver's seat. The five-inch dynamic speaker gives abundant volume with perfect clarity of tone, the output of the set being one watt. The diode type automatic volume control tends to equalize all signals to a point pre-determined by the setting of the manual volume control. This feature further eliminates the "blasting" effect when tuning from strong to weak stations and adds materially to the life of the output pentode by reducing the likelihood of audio overloading.

### Matched Dynamic Speaker

Again Lafayette engineers have startled the radio world by producing a speaker which, though small in size, can easily handle a large amount of volume. Now you can be assured that the tone quality will be of the best, and that each note will come through the speaker clearly and without distortion. The entire unit is perfectly matched to the output of the set.



Model L-22—Lafayette UNIVERSAL Auto Radio, complete with tubes, distributor, suppressor and condenser, and Remote Control. Dimensions: 12 x 5 1/2 x 6 1/4 inches. Shpg. wt. 26 lbs. Code Borno. List \$79.50. Your Cost **\$34.50**

A CENTURY OF RADIO PROGRESS IN ONLY 12 YEARS



# Auto Radio Accessories



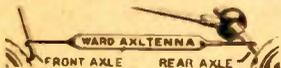
## ELECTRALLOY



### The Car Antenna Plus

This antenna is made of one piece of electralloy, a metal that is non-magnetic and non-corrosive. A most efficient antenna of the running board type. Supplied complete with three heavy springs and ample connecting wire. Size 3x8". Shpg. wt. 5 lbs. **\$1.47**  
Y22044 Your Cost

## AXLTENNA



Something unique in the line of car antennas. This aerial is made of copper wire, molded in a very strong piece of rubber. It ties to the front and rear axles of the car and has springs to take up any slack. Shipping weight 3 lbs. **98¢**  
R17148 Your Cost

## ROOF ANTENNA



Easily inserted by opening the roof lining about a foot and sliding in the aerial. In open cars the antenna can be inserted between the folds. A high grade of pure copper wire encased in a specially prepared material provides an aerial with extremely good pick-up qualities. Size 13x33". Shpg. wt. 5 lbs.

Y22040 List \$1.25  
Your Cost

**73¢**

## DE LUXE ANTENNA



A highly sensitive, easily installed running board antenna, for every make of car. Completely water- and rust-proof, will not break or crush. Has a special spring arrangement to absorb shocks. Will not ground or short the antenna lead wire. Shipping weight 5 lbs.

Y22045 Your Cost

**\$1.60**

## DX Auto Aerial



By using two of these aerials the most powerful aerial possible on an automobile can be obtained. One is mounted under each running board and a wire is lead between them through special hooks that are part of the aerial. This will provide the greatest pick-up possible, usually 100% to 200% more than any other type. It can of course be used singly if desired. Shpg. wt. 8 lbs.

Y22041 Single Unit Aerial. Your Cost

**\$1.20**

Two Units for Aerial illustrated above. Your Cost

**\$2.35**

## HERCULES METAL CAR ANTENNA



Two-piece adjustable all metal running board antenna. Size 8" wide. Length can be varied from 3 to 4 ft. Equipped with 2 springs with provision for a third spring where greater stability is desired. Rainproof insulation. Shpg. wt. 5 lbs. **\$1.55**  
Y22043 Your Cost

## HERCULES CAR ANTENNA



Closely woven copper mesh, covered with a black synthetic leather. It is 52" long and is mounted underneath the car. It may be suspended from any part of the chassis. Extremely sensitive. Shipping weight 4 lbs.

R17132 4" wide. Your Cost

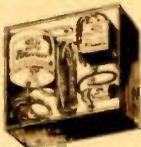
**90¢**

R17133 6" wide. Your Cost

**\$1.35**

## TOBE Auto Filterizer Kit Cuts Noises

Use With Any Type of Auto Antenna



The Tobe Auto Radio Filterizer System is designed to greatly reduce and eliminate radio noise interference in auto radio receivers caused by the electrical equipment of the motor. The filterizer positively overcomes the difficulty experienced by everyone of loss of signal strength - a present obstacle to good auto radio reception. The kit consists of one aerial filterizer unit with 10 ft. of filterized lead in, one dome light filterette which prevents leakage from that source, one ammeter filterette to stop the noises present on the low tension wires. Shpg. wt. 5 lbs. **\$2.90**  
N12684 Complete Kit List Price \$4.95 Your Cost

## Ammeter Condensers and Dome Light Noise Eliminator



For eliminating noise originating in the wiring running to ammeter, dome light, horn, etc. The Dome Light Noise



Eliminator is made up of a condenser and choke. The ammeter condenser has no reactor with it. Shpg. wt. 1 lb.

N14218 Ammeter condenser. Your Cost

**22¢**

N14208 Dome Light Noise Eliminator. Your Cost

**55¢**

## Wire-Wound Ignition Suppressors

Here is something that the auto radio mechanic has long been waiting for. Only too often has the customer complained that the suppressors cut down the speed of his car. These suppressors work on an entirely different principle. They offer a high resistance to the radio or noise frequencies due to their choking action yet permit ample flow of current for ignition purposes because of their low D. C. resistance (500 ohms). Shpg. wt. 8 oz.

E5296 Spark Plug type. Your Cost

**24¢**

E5297 Distributor type. Your Cost

**24¢**

## AMPERITE Automobile Voltage Regulator



The generator of your automobile is capable of delivering 35 volts to anything connected across its terminals while it is charging. The fact that the charging voltage is only 8 volts is the result of the back voltage of the battery. However, should the generator connections to the battery become corroded, this voltage remains high and it is liable to cause a great enough current to flow to do damage to a radio set connected across it. An Amperite prevents this trouble. Shpg. wt. 2 lbs. **\$1.25**  
N14214 Your Cost

## Distributor Silencer for Automobile Radios



A specially designed filter consisting of a choke coil and condenser that prevents high frequency kick-back. Eliminates pick-up from the ignition coil. Shipping weight 3 lbs. **85¢**  
P14217 Your Cost

## Generator Silencer



Both the generator commutator and cut-out are sources of noise. This noise can be eliminated by using our generator silencer.

P14215 .5 mfd. Your Cost Each

**32¢**

P14216 1 mfd. Your Cost Each

**35¢**

## Thru-test

### Auto Ignition Silencer Kits



To suppress the radio-frequency disturbances picked up by the automobile radio set from the ignition system of car. Each set has one generator condenser in leakproof metal cylinder; one distributor resistor and a spark plug resistor for each

cylinder. 1/2 mfd. condenser on 4 cylinder kit, 1 mfd. condenser on 6 and 8 cylinder kit.

E5280 Four cylinder. List \$3.25

**\$1.25**

Your Cost

E5281 Six cylinder. List \$4.50

**\$1.75**

Your Cost

E5282 Eight cylinder. List \$5.50

**\$2.20**

Your Cost

E5284 Special Set of 8 suppressors for Ford V8 Cars. Your Cost

**\$2.20**

Your Cost

E5294 Special Set of Angle Type suppressors for Buick 8 cyl. Cars. Your Cost

**\$2.25**

Your Cost

E5278 Single Spark Plug Suppressor. List 40c.

**19¢**

Your Cost

E5279 Single Distributor Suppressor. List 40c.

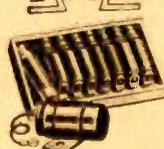
**19¢**

Your Cost

N14216 One Mfd. Condenser only. Your Cost

**45¢**

## IRC



Suppressor Condenser Kits. Each Kit Complete with 2-1 Mfd. Condensers and FREE Booklet on Noise Suppression

Four Cylinder Kit. E5259 Your Cost

**\$2.10**

Six Cylinder Kit. E5260 Your Cost

**\$2.58**

Eight Cylinder Kit. E5261 Your Cost

**\$3.06**

Ford 8 Kit. E5262 Your Cost

**\$3.06**

Buick 8 Kit (cable type). E5263 Your Cost

**\$3.06**

Individual I. R. C. Motor Radio Condensers. E5264 1 Mfd. Your Cost

**45¢**

Individual Distributor Suppressors. E5265 Your Cost

**24¢**

Individual Spark Plug Suppressors. E5266 Your Cost

**24¢**



# AUTOMOBILE "B" ELIMINATORS



## Trutest B Eliminator Automobile Kit

This Automobile "B" Eliminator Kit designed by Lafayette's engineering staff incorporates in its design all the good features of the very best commercial automobile "B" eliminators. Only the best parts are included in this kit. You may be certain that when you build the Trutest Eliminator you will have the finest. It costs nothing to have your auto set run on a "B" eliminator instead of batteries as it saves its cost on the price of two sets of "B" batteries. The vibrator transformer used in this kit is both electrically and acoustically shielded. Two steel cases are used with a soft rubber liner between them. In the can are the buffer condensers and resistors. The kit is simple and easy to build. Blue-print with each one. Kit includes all necessary parts which are vibrator transformer, "A" and "B" chokes, filter choke, electrolytic and by-pass condensers, socket for the rectifier tube and special voltage regulating resistor. Kit may be built for 6 volt, 12 volt or 32 volt input. Shpg. wt. 13 lbs. Complete kit of parts with tube:

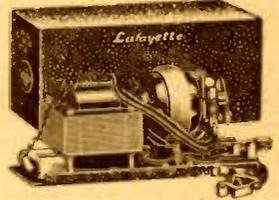


- N14892** 6v/50mil/250v **Your Cost** ..... **\$8.95**  
**N14893** 12v/50mil/250v **Your Cost** ..... **\$9.95**  
**N14894** 32v/50mil/250v **Your Cost** ..... **\$9.95**

## Lafayette CONVERTERS

Furnishes 110 V. A. C. from Storage Batteries

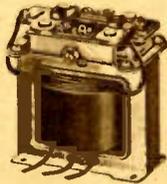
A highly efficient converter furnishing 110 volt A. C. from a storage battery. These units have been scientifically engineered and developed and are the most economical units ever designed for operating A. C. driven public address systems, portable transmitters, neon signs, etc. These units are not recommended for operating A. C. D. Compact receivers. Made in two sizes - one for operation from a 6 volt battery with a 110 volt A. C. output of 60 watts, drawing only 90 watts (6 volts x 15 amperes) from the battery; an efficiency of better than 60%. The other is larger in size and is for operation from a 12 volt battery (two 6 volt batteries in series) with an A. C. output of 150 watts; drawing only 216 watts (12 volts x 18 amperes) from the battery. In testing voltage output of these units an ordinary A. C. meter cannot be used since this type of meter is inaccurate on this particular wave form. Use a D. C. voltmeter and test after rectification; comparing with voltage when operated on house line.



- N14227** 60 Watts A. C. Output. Shpg. wt. 12 lbs. **Your Cost** ..... **\$19.95**  
**N14234** 150 Watts A. C. Output. Shpg. wt. 16 lbs. **Your Cost** ..... **\$34.50**

## Vibrator Transformer

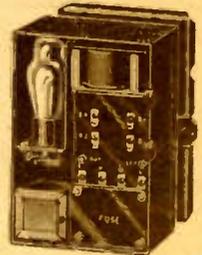
Most efficient vibrator available today. Built right into the transformer. Contacts are large and heavy insuring long life. An unusual feature of this Vibrator Transformer unit is that it uses the flux leakage of the transformer to actuate the vibrator; doing away with the extra coils and pole pieces generally used, and saving the power consumed by them. No coil springs of any kind are used to assist the vibrator points, thus the probability of breakdown from mechanical failure is minimized. Rectification is of the full wave type assuring no trouble from a possibility of connecting with the wrong polarity. Vibrator is mounted in a steel can with a sponge rubber liner. Easy to mount and practically silent in operation. Size 4 1/2 x 3 1/4 x 3 1/4". Shpg. wt. 6 lbs.



- N14205** 250 volts, 50 mils. from 6 volts **Your Cost** ..... **\$4.75**  
**N14207** 250 volts, 50 mils. from 12 volt source **Your Cost** ..... **\$5.75**  
**N14206** 250 volts, 50 mils. from 32 volt source **Your Cost** ..... **\$5.75**

## RADIART "B" Battery Eliminator

The Radiart "B" Battery Eliminator is made by a firm whose name has been long known in the radio industry as a synonym for dependability. This eliminator is a good example of Radiarts quality manufacturing. Convenient size makes it most adaptable to install anywhere in the car. Is full-wave operated, increasing its efficiency of operation with freedom from radio frequency disturbances. Arcing of the contact points has been entirely eliminated insuring exceptionally long life. Maximum output of 180 volts at 45 milliamperes is more than ample for most set requirements. Free from hum; quiet in operation, with no radio frequency feedback. Vibrator replacement can be made by anyone in a few minutes if required. Among its many features are non-polarized hook-up; built-in relay and simplified terminal board hook-up. Absolutely trouble-proof. Shpg. wt. 11 lbs.



- P14203** - **Your Cost** ..... **\$9.26**

## MALLORY-ELKON Auto "B" Eliminator

Develops sufficient unvarying "B" power for all auto sets. No rotary parts. Uses no tubes. Easily installed. Size 7 1/4 x 6 5/8 x 2 3/4". Shpg. wt. 21 lbs. **N14223** - List \$17.50 **Your Cost** ..... **\$10.29**



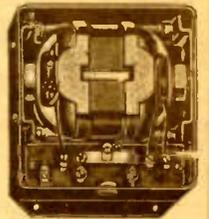
Approved for These Auto-Radio Sets

Make and Model No.	Approved Mallory-Elkon Eliminator Type	Make and Model No.	Approved Mallory-Elkon Eliminator Type	
Ajax, 5 Tube	11-M	Motometer	12 C	
Ajax, 6 Tube	10	Motorola, 6 Tube	10	
Atwater Kent, 81	11-CD	Motorola, 7 T 38	10	
Atwater Kent, 91	10-CA	Motorola, 7 T 47 A	10	
Auto Lite, 82	12	Motorola, 5 T 71	11 M	
"Autotone" (Republic)	10	Motorola, 5 Tube	11 M	
Bosch, 80	14	Ohio, 6 Tube	10	
Bosch, 84	14	Phileo, 3	12*	
Bosch, 9:2)	11 PC	Phileo, 6	11 C	
Cadillac, 7 Tube	11 C	Phileo, 7	11 P	
Colonial, 54	13	(41 Output Tube)	11 P	
Colonial, 53	11	Phileo, 7	(38 Output Tube)	12 P
Crosley Roamio, 91	13*	Phileo, 8	10 C	
Crosley Roamio, 95		RCA Victor, M 32	11 C	
(38 Output Tube)	12 C	Republic, "Autotone"	10	
Crosley Roamio, 95		Roamio, 91	13*	
(41 Output Tube)	11 C	Roamio, 92	11	
Crosley Roamio, 96	11 C	Sparton, AR 19	12 PC	
Crosley Roamio, 92	11	Sparton, 34	10 ST	
Crescent	11	Sparton, 40	13 S	
Emerson		Trutone, 5 Tube	11 M	
"Compect" 25A	14	Trutone, 6 Tube		
Erla, 261	12 PC	(Super-Het)	11 C	
Gulbransen, 6 Tube	11 C	Universal, 57	11	
Gulbransen, 7 Tube	11 C	Universal, 70	11	
International		Universal, 77	11	
"Kadet e"	14 C	Wells Gardner, 6 Tube	11 C	
Majestic, 110	11	Wells Gardner, 7 Tube	11 C	
Majestic, 114	11 C			

\* Mallory "A" Choke Required. **Your Cost \$2.06.**

## Gen-E-Motor Auto "B" Eliminator

Combined motor and generator operating from 6-volt storage battery. Can mount in exceptionally small space - 3 1/4 x 5 1/4 x 5 1/4". Uses the latest type noise filter. Will carry up to 25% overload. Is fool-proof. Shpg. wt. 17 lbs.



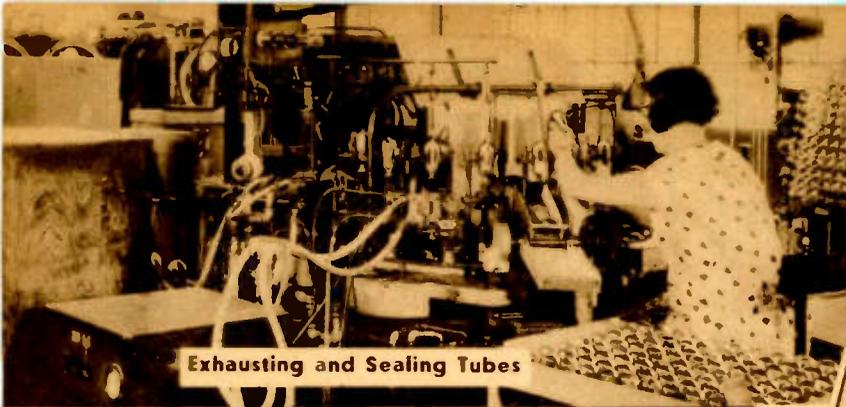
- For 6 Volt Auto "A" Battery Supply**
- | Stock No. | Output Volts | Inter-A Drain | Batt. Drain | Your Cost |
|-----------|--------------|---------------|-------------|-----------|
| *P14209   | 180          | 90            | 1.94        | \$10.68   |
| †P14210   | 200          | None          | 2.75        | 10.29     |
- For 32 Volt Lighting Plants**
- |         |     |                             |  |       |
|---------|-----|-----------------------------|--|-------|
| *P14213 | 135 | 67 1/2                      |  | 13.26 |
| *P14212 | 180 | 22 1/2, 45, 67 1/2, 90, 135 |  | 14.14 |
- For Sound Truck Equipment**
- |         |     |      |      |       |
|---------|-----|------|------|-------|
| †P14211 | 300 | None | 8.75 | 18.55 |
|---------|-----|------|------|-------|
- \* Delivers 30 M. A. † 40 M. A. ‡ 100 M. A.



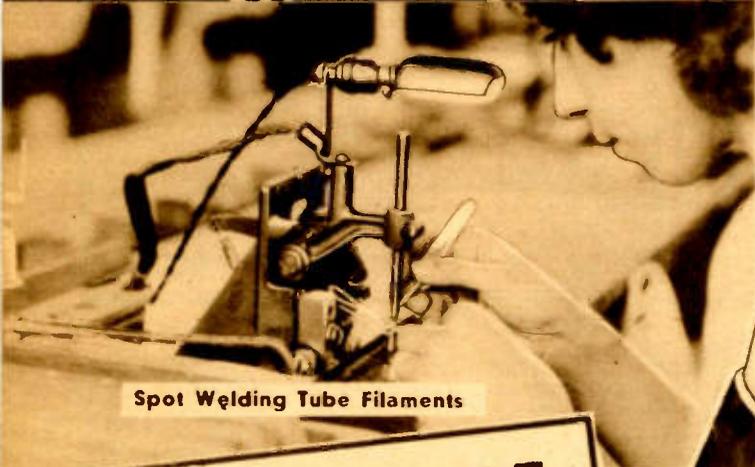
**U. S. L. Remote Control Unit**  
The design of this unit is very neat, finished in a pleasing dull bronze and telephone black. The key with which this unit is equipped acts also as the volume control handle as well as the switch. The tuning arrangement is velvety in its action and has no backlash. Attachment of this device to the car and the set is very simple. It comes complete with 32" of flexible shaft, 2 keys, clamps and attachment plates and of course volume control and pilot light. Shpg. wt. 5 lbs.



**OXFORD Dynamic Auto Speaker**  
A small, compact, dynamic speaker that will handle considerable volume without distortion. It is very ruggedly constructed to withstand vibration and is mounted in an attractive metal case. Has 4 ohm field for operation on 6 volts. Equipped with terminals but less cord. Made in two popular types - for push-pull 38's and for push-pull 41's. Shpg. wt. 7 lbs.  
**W19232** - For Push-Pull 38's  
**W19233** - For Push-Pull 41's  
**Your Cost** ..... **\$3.95**  
**Either Type** .....



Exhausting and Sealing Tubes



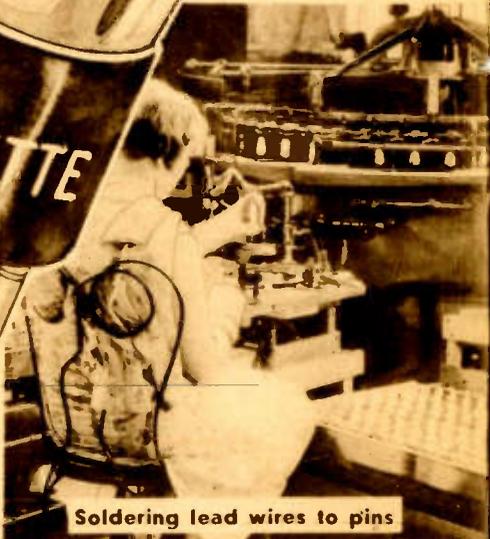
Spot Welding Tube Filaments



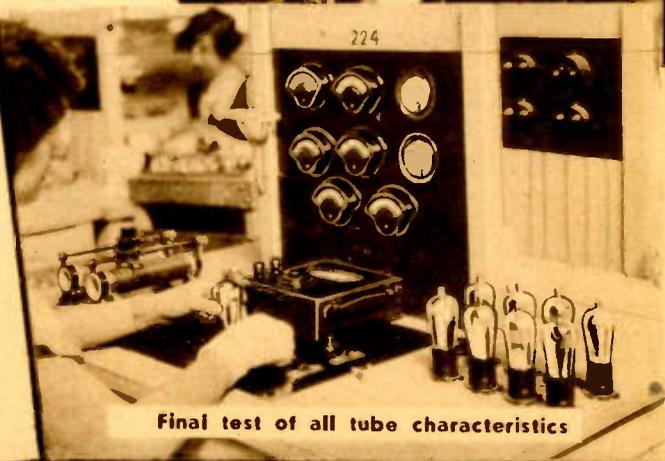
**ONLY WHOLESALE OFFERS 6 MONTHS GUARANTEE ON TUBES!**

First, we guarantee every tube sold for a period of 6 months—not 90 days, but a full six months. IF ANY TUBE SOLD BY US SHOULD FAIL DURING SIX MONTHS IT WILL BE CHEERFULLY AND PROMPTLY REPLACED WITHOUT CHARGE—burn-outs and break-ages are the ONLY exception. To the best of our knowledge, this is the most liberal tube guarantee in the country.

Second, we make this guarantee possible by testing every tube before it is shipped out. We maintain an elaborate testing laboratory, equipped with every modern testing device available. SHOULD TUBE PRICES DECREASE OR INCREASE AFTER THIS CATALOG IS PUBLISHED OUR PRICES WILL CHANGE ACCORDINGLY. It pays to buy from Wholesale Radio Service!



Soldering lead wires to pins



Final test of all tube characteristics

# Lafayette

## SCIENTIFIC RADIO TUBES

### LAFAYETTE TUBES AND THEIR MANUFACTURE

Shown at the left are a few operations of the many needed to produce a high quality Lafayette tube. Tube manufacturing involves a series of delicate and exact operations. Each one must be performed precisely to insure a tube which can be sold as perfect, in other words a Lafayette tube.

Strange as it may seem the quality of a tube depends as much on the rejects as on the tubes that are accepted. No manufacturing process will produce 100% perfect products. They may all look perfect to the unaided eye but sensitive enough testing equipment will show the tiniest flaws in the product.

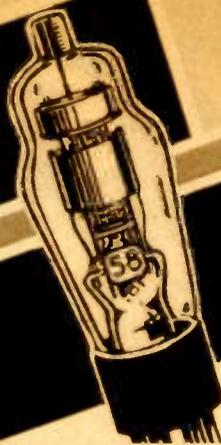
It is because Lafayette tubes are so tested that tubes are rejected that would appear in other lines as firsts. When you buy a Lafayette tube you may be certain that every means that is at the disposal of the world's best tube engineers has been used in your behalf to give you a perfect product.

Glance again at the photographs. You can see both skilled operators and ingenious machines whose work on Lafayette tubes are trained to perfection but where the always varying human equation can be eliminated it is done so by an unflinching automatic machine.



<b>01A</b>	List 60c Dealer's Cost	<b>30c</b>	<b>20</b>	List \$3.00 Dealer's Cost	<b>\$1.35</b>	<b>42</b>	List \$1.60 Dealer's Cost	<b>72c</b>	<b>75</b>	List \$1.60 Dealer's Cost	<b>72c</b>
<b>IV</b>	List \$1.50 Dealer's Cost	<b>70c</b>	<b>22</b>	List \$2.00 Dealer's Cost	<b>90c</b>	<b>43</b>	List \$2.50 Dealer's Cost	<b>\$1.12</b>	<b>77</b>	List \$1.80 Dealer's Cost	<b>80c</b>
<b>2A3</b>	List \$4.00 Dealer's Cost	<b>\$1.80</b>	<b>24</b>	List \$1.20 Dealer's Cost	<b>54c</b>	<b>44</b>	List \$1.50 Dealer's Cost	<b>68c</b>	<b>78</b>	List \$1.80 Dealer's Cost	<b>80c</b>
<b>2A5</b>	List \$1.60 Dealer's Cost	<b>72c</b>	<b>25Z5</b>	List \$2.00 Dealer's Cost	<b>90c</b>	<b>45</b>	List 75c Dealer's Cost	<b>37c</b>	<b>79</b>	List \$2.60 Dealer's Cost	<b>\$1.17</b>
<b>2A6</b>	List \$1.60 Dealer's Cost	<b>72c</b>	<b>26</b>	List 65c Dealer's Cost	<b>33c</b>	<b>46</b>	List \$1.55 Dealer's Cost	<b>70c</b>	<b>80</b>	List 70c Dealer's Cost	<b>40c</b>
<b>2A7</b>	List \$2.20 Dealer's Cost	<b>\$1.00</b>	<b>27</b>	List 70c Dealer's Cost	<b>35c</b>	<b>47</b>	List \$1.30 Dealer's Cost	<b>59c</b>	<b>81</b>	List \$3.50 Dealer's Cost	<b>\$1.58</b>
<b>2B7</b>	List 2.00 Dealer's Cost	<b>90c</b>	<b>29</b>	List \$3.65 Dealer's Cost	<b>\$1.65</b>	<b>48</b>	List \$3.00 Dealer's Cost	<b>\$1.35</b>	<b>82</b>	List \$1.20 Dealer's Cost	<b>54c</b>
<b>5Z3</b>	List \$1.50 Dealer's Cost	<b>70c</b>	<b>30</b>	List \$1.30 Dealer's Cost	<b>59c</b>	<b>49</b>	List \$1.70 Dealer's Cost	<b>79c</b>	<b>83</b>	List \$1.55 Dealer's Cost	<b>70c</b>
<b>6C6</b>	List \$1.80 Dealer's Cost	<b>80c</b>	<b>31</b>	List \$1.30 Dealer's Cost	<b>59c</b>	<b>50</b>	List \$4.00 Dealer's Cost	<b>\$1.80</b>	<b>84</b>	List \$1.75 Dealer's Cost	<b>80c</b>
<b>6D6</b>	List \$1.80 Dealer's Cost	<b>80c</b>	<b>32</b>	List \$1.90 Dealer's Cost	<b>86c</b>	<b>51</b>	List \$1.30 Dealer's Cost	<b>59c</b>	<b>85</b>	List \$1.60 Dealer's Cost	<b>72c</b>
<b>6A7</b>	List \$2.20 Dealer's Cost	<b>\$1.00</b>	<b>33</b>	List \$2.10 Dealer's Cost	<b>95c</b>	<b>53</b>	List \$1.80 Dealer's Cost	<b>80c</b>	<b>89</b>	List \$1.80 Dealer's Cost	<b>80c</b>
<b>6B7</b>	List \$2.00 Dealer's Cost	<b>90c</b>	<b>34</b>	List \$2.15 Dealer's Cost	<b>98c</b>	<b>55</b>	List \$1.60 Dealer's Cost	<b>72c</b>	<b>V-99</b>	List \$2.25 Dealer's Cost	<b>\$1.00</b>
<b>10</b>	List \$5.00 Dealer's Cost	<b>\$2.25</b>	<b>35</b>	List \$1.30 Dealer's Cost	<b>59c</b>	<b>56</b>	List \$1.20 Dealer's Cost	<b>54c</b>	<b>X-99</b>	List \$1.50 Dealer's Cost	<b>68c</b>
<b>12A</b>	List \$1.30 Dealer's Cost	<b>59c</b>	<b>36</b>	List \$1.50 Dealer's Cost	<b>68c</b>	<b>57</b>	List \$1.65 Dealer's Cost	<b>74c</b>	<b>182B</b>	List \$2.30 Dealer's Cost	<b>\$1.00</b>
<b>12Z3</b>	List \$1.20 Dealer's Cost	<b>54c</b>	<b>37</b>	List \$1.20 Dealer's Cost	<b>54c</b>	<b>58</b>	List \$1.65 Dealer's Cost	<b>74c</b>	<b>183</b>	List \$2.05 Dealer's Cost	<b>90c</b>
<b>15</b>	List \$2.85 Dealer's Cost	<b>\$1.30</b>	<b>38</b>	List \$1.45 Dealer's Cost	<b>65c</b>	<b>59</b>	List \$2.00 Dealer's Cost	<b>90c</b>	<b>485</b>	List \$1.80 Dealer's Cost	<b>80c</b>
<b>18</b>	List \$2.75 Dealer's Cost	<b>\$1.25</b>	<b>39</b>	List \$1.50 Dealer's Cost	<b>68c</b>	<b>69</b>	List \$3.65 Dealer's Cost	<b>\$1.65</b>			
<b>19</b>	List \$2.85 Dealer's Cost	<b>\$1.30</b>	<b>41</b>	List \$1.60 Dealer's Cost	<b>72c</b>	<b>71A</b>	List 75c Dealer's Cost	<b>41c</b>			

# RCA



# Cunningham TUBES

POWER AMPLIFIER TRIODE  
**2A3** List \$4.00 **\$2.35**  
Dealer's Cost

POWER AMPLIFIER PENTODE  
**2A5** List \$1.60 **94c**  
Dealer's Cost

DUPLEX-DIODE HIGH-MU TRIODE  
**2A6** List \$1.60 **94c**  
Dealer's Cost

PENTAGRID CONVERTER  
**2A7** List \$2.20 **\$1.30**  
Dealer's Cost

DUPLEX-DIODE PENTODE  
**2B7** List \$2.00 **\$1.18**  
Dealer's Cost

FULL-WAVE RECTIFIER  
**5Z3** List \$1.50 **88c**  
Dealer's Cost

POWER AMPLIFIER PENTODE  
**6A4** List \$1.60 **94c**  
Dealer's Cost

PENTAGRID CONVERTER  
**6A7** List \$2.20 **\$1.30**  
Dealer's Cost

DUPLEX-DIODE PENTODE  
**6B7** List \$2.00 **\$1.18**  
Dealer's Cost

TRIODE PENTODE  
**6F7** List \$1.80 **\$1.06**  
Dealer's Cost

HALF-WAVE RECTIFIER  
**12Z3** List \$1.20 **70c**  
Dealer's Cost

RECTIFIER-DOUBLER  
**25Z5** List \$2.00 **\$1.18**  
Dealer's Cost

DETECTOR AMPLIFIER  
**01A** List 60c **35c**  
Dealer's Cost

HALF-WAVE MER. VAPOR REC.  
**I** List \$1.50 **88c**  
Dealer's Cost

HALF-WAVE RECTIFIER  
**1-V** List \$1.25 **73c**  
Dealer's Cost

POWER AMPLIFIER TRIODE  
**10** List \$5.00 **\$2.94**  
Dealer's Cost

DETECTOR AMPLIFIER TRIODE  
**12-A** List \$1.30 **76c**  
Dealer's Cost

TWIN AMPLIFIER  
**19** List \$1.50 **88c**  
Dealer's Cost

R-F AMPLIFIER TETRODE  
**22** List \$2.00 **\$1.18**  
Dealer's Cost

### GUARANTEED FOR SIX MONTHS

RCA Cunningham Tubes are the standard of excellence the world over and we back them up with as broad a guarantee as has ever been placed on a Radio Tube. We guarantee that they will give efficient service for six months and should any tubes purchased from us fail to do so we will replace them cheerfully and promptly—without quibbling or red tape. Burnouts and broken glass are the only exceptions. We enjoy the biggest Tube business in the country, which insures you of receiving fresh, perfect merchandise with every order. **SHOULD TUBE MANUFACTURERS REDUCE OR INCREASE PRICES AFTER THIS CATALOG IS PUBLISHED OUR PRICES WILL CHANGE ACCORDINGLY.**

R-F AMPLIFIER TETRODE  
**24-A** List \$1.20 **70c**  
Dealer's Cost

AMPLIFIER TRIODE  
**26** List 65c **38c**  
Dealer's Cost

DETECTOR AMPLIFIER TRIODE  
**27** List 70c **41c**  
Dealer's Cost

DETECTOR AMPLIFIER TRIODE  
**30** List \$1.30 **76c**  
Dealer's Cost

POWER AMPLIFIER TRIODE  
**31** List \$1.30 **76c**  
Dealer's Cost

R-F AMPLIFIER TETRODE  
**32** List \$1.90 **\$1.12**  
Dealer's Cost

POWER AMPLIFIER PENTODE  
**33** List \$2.10 **\$1.24**  
Dealer's Cost

SUPER-CON. R-F AMP. PENTODE  
**34** List \$2.15 **\$1.27**  
Dealer's Cost

SUPER-CON. R-F AMP. TETRODE  
**35** List \$1.30 **76c**  
Dealer's Cost

R-F AMPLIFIER TETRODE  
**36** List \$1.50 **88c**  
Dealer's Cost

DETECTOR AMPLIFIER TRIODE  
**37** List \$1.20 **70c**  
Dealer's Cost

POWER AMPLIFIER PENTODE  
**38** List \$1.45 **85c**  
Dealer's Cost

SUPER-CON. R-F AMP. PENTODE  
**39-44** List \$1.50 **88c**  
Dealer's Cost

VOLTAGE AMPLIFIER TRIODE  
**40** List \$2.00 **\$1.18**  
Dealer's Cost

POWER AMPLIFIER PENTODE  
**41** List \$1.60 **94c**  
Dealer's Cost

POWER AMPLIFIER PENTODE  
**42** List \$1.60 **94c**  
Dealer's Cost

POWER AMPLIFIER PENTODE  
**43** List \$2.50 **\$1.47**  
Dealer's Cost

SUPER-CON. R-F AMP. PENTODE  
**44-39** List \$1.50 **88c**  
Dealer's Cost

POWER AMPLIFIER TRIODE  
**45** List 75c **44c**  
Dealer's Cost

DUAL-GRID POWER AMPLIFIER  
**46** List \$1.55 **91c**  
Dealer's Cost

POWER AMPLIFIER PENTODE  
**47** List \$1.30 **76c**  
Dealer's Cost

POWER AMPLIFIER TETRODE  
**48** List \$3.00 **\$1.75**  
Dealer's Cost

DUAL-GRID POWER AMPLIFIER  
**49** List \$1.70 **\$1.00**  
Dealer's Cost

POWER AMPLIFIER TRIODE  
**50** List \$4.00 **\$2.35**  
Dealer's Cost

TWIN-TRIODE AMPLIFIER  
**53** List \$1.80 **\$1.06**  
Dealer's Cost

DUPLEX-DIODE TRIODE  
**55** List \$1.60 **94c**  
Dealer's Cost

SUPER-TRIODE AMP. DETECTOR  
**56** List \$1.20 **70c**  
Dealer's Cost

TRIPLE-GRID AMP. DETECTOR  
**57** List \$1.65 **97c**  
Dealer's Cost

TRIPLE-GRID SUPER-CON. AMP.  
**58** List \$1.65 **97c**  
Dealer's Cost

TRIPLE-GRID POWER AMPLIFIER  
**59** List \$2.00 **\$1.18**  
Dealer's Cost

POWER AMPLIFIER TRIODE  
**71-A** List 75c **44c**  
Dealer's Cost

DUPLEX-DIODE HI-MU TRIODE  
**75** List \$1.60 **94c**  
Dealer's Cost

TRIPLE-GRID AMP. DETECTOR  
**77** List \$1.80 **\$1.06**  
Dealer's Cost

TRIPLE-GRID SUPER-CON. AMP.  
**78** List \$1.80 **\$1.06**  
Dealer's Cost

TWIN-TRIODE AMPLIFIER  
**79** List \$2.60 **\$1.53**  
Dealer's Cost

FULL-WAVE RECTIFIER  
**80** List 70c **41c**  
Dealer's Cost

HALF-WAVE RECTIFIER  
**81** List \$3.50 **\$2.05**  
Dealer's Cost

FULL-WAVE RECTIFIER  
**82** List \$1.20 **71c**  
Dealer's Cost

FULL-WAVE RECTIFIER  
**83** List \$1.55 **91c**  
Dealer's Cost

FULL-WAVE RECTIFIER  
**84** List \$1.75 **\$1.03**  
Dealer's Cost

DUPLEX DIODE TRIODE  
**85** List \$1.60 **94c**  
Dealer's Cost

TRIPLE-GRID POWER AMP.  
**89** List \$1.80 **\$1.06**  
Dealer's Cost

DETECTOR AMPLIFIER TRIODE  
**X199** List \$1.50 **88c**  
Dealer's Cost

AMPLIFIER TRIODE  
**864** List \$2.10 **\$1.55**  
Dealer's Cost

VOLTAGE REG.  
**874** List \$4.90 **\$2.79**  
Dealer's Cost

BALLAST TUBE  
**876** List \$6.70 **\$3.94**  
Dealer's Cost

BALLAST TUBE  
**886** List \$6.75 **\$3.97**  
Dealer's Cost

**FREE—A TECHNICAL TUBE CHART WITH EVERY ORDER FOR TUBES**

# Sylvania ARCTURUS TUBES

**GUARANTEE**  
Wholesale Radio Service guarantees any Sylvania or Arcturus tube for a period of six months from the date of purchase (burnouts and broken glass excepted). We believe this to be the most liberal tube guarantee ever offered. **SHOULD TUBE MANUFACTURERS REDUCE OR INCREASE PRICES AFTER THIS CATALOG IS PUBLISHED OUR PRICES WILL CHANGE ACCORDINGLY.**

Type	List Price	Arc. Your Cost	Syl. Your Cost	
01A	Detector Amplifier	\$0.60	\$0.35	\$0.33
1V	Half Wave High Vac. Rect.	1.50	none	.80
10	Power Amplifier	5.00	2.94	2.70
12A	Detector Amplifier	1.30	.76	.70
15	2 V. R. F. Pentode	2.85	none	1.54
18	Output Pentode	2.75	none	1.49
19	Class B Amplifier	2.85	none	1.54
20	Dry Cell Pwr. Amplifier	3.00	none	1.60
22	S. G. Amplifier	2.00	1.18	1.08
24	S. G. Detector Amplifier	1.20	.70	.65
26	Amplifier	.65	.38	.35
27	Detector Amplifier	.70	.41	.38
30	Detector Amplifier	1.30	.76	.70
31	Power Amplifier	1.30	.76	.70
32	S. G. Detector Amplifier	1.90	1.12	1.03
33	Power Pentode	2.10	1.24	1.14
34	Var.-Mu R. F. Pentode	2.15	1.27	1.16
35	Var.-Mu R. F. Amplifier	1.30	.76	.70
36	S. G. Detector Amplifier	1.50	.88	.80
37	Detector Amplifier	1.20	.70	.65
38	Power Pentode	1.45	.85	.79
39	Var.-Mu R. F. Pentode	1.50	.88	.80
41	Cathode Type Pwr. Pentode	1.60	none	.85
42	Pwr. Amplifier Pentode	1.60	.94	.85
43	Pwr. Amplifier Pentode	2.50	1.47	1.35
44	Var.-Mu R. F. Pentode	1.50	.88	.80
45	Power Amplifier	.75	.44	.40
46	Class B Amplifier	1.55	.91	.83
47	Power Pentode	1.30	.76	.70
48	Output Pentode	3.00	none	1.62
49	Power Amplifier	1.70	none	.92
50	Power Amplifier	4.00	2.35	2.16
51	Var.-Mu R. F. Amplifier	1.30	.76	.70
55	Duplex-Diode Triode	1.60	.94	.85
56	Det. Amp. Oscil.	1.20	.70	.65
57	S. G. Detector Amplifier	1.65	.97	.90
58	Var.-Mu R. F. Pentode	1.65	.97	.90
59	Gen. Pur. Power Amplifier	2.00	1.18	1.08

Type	List Price	Arc. Your Cost	Syl. Your Cost	
71A	Power Amplifier	.75	.44	.40
75	Duplex Diode H-Mu Triode	1.60	.94	.85
77	S. G. Detector Amplifier	1.80	1.06	.98
78	Var.-Mu R. F. Pentode	1.80	1.06	.98
79	Class B Twin Amplifier	2.60	1.53	1.40
80	Full Wave Rectifier	.70	.41	.38
81	Half-Wave Rectifier	3.50	2.05	1.89
82	F-W Mer. Vapor Rectifier	1.20	.71	.65
83	F-W Mer. Vapor Rectifier	1.55	.91	.84
84	F-W Vac. Rectifier	1.75	1.03	.95
85	Duplex-Diode Triode	1.60	.94	.85
89	Gen. Pur. Power Amplifier	1.80	1.06	.98
V99	Detector Amplifier	2.25	1.32	1.20
X99	Detector Amplifier	1.50	.88	.80
182B	Power Amplifier	2.30	none	1.25
183	Power Amplifier	2.05	none	1.10
485	Amplifier and Detector	1.80	none	.98
2A3	Power Amplifier Triode	4.00	none	2.15
2A5	Power Amplifier Triode	1.60	.94	.85
2A6	Duplex Diode High Mu Tri.	1.60	.94	none
2A7	Pentagrid Converter	2.20	1.18	1.19
6A4LA	Pentode Power Amplifier	1.60	none	.85
6A7	Pentagrid Converter	2.20	1.30	1.19
2B7	Duplex-Diode Pentode	2.00	1.18	1.08
6D6	R. F. Pentode Var.-Mu	1.80	none	.98
6B7	Duplex-Diode Pentode	2.00	1.18	1.08
6C6	R. F. Pentode	1.80	none	.98
5Z3	Heavy Duty F-W Rectifier	1.50	.88	.80
12Z3	Half Wave Rectifier	1.20	.70	.65
12Z5	F. W. Vac. Rectifier	1.50	.88	none
25Z5	Rectifier-Doubler	2.00	1.18	1.08
AF	F-W Mer. Vapor Rectifier	1.80	1.06	none
AG	F-W Mer. Vapor Rectifier	2.05	1.20	none
GA	Power Pentode	2.75	1.62	none
PZ	Power Pentode	1.30	.76	none
PZH	Power Amplifier Triode	1.60	.94	none

### WUNDERLICH TYPES

Type	List Price	Your Cost
A	\$3.00	\$1.59
AA	3.00	1.59

### 15 VOLT TYPES

Type	List Price	Your Cost	Type	List Price	Your Cost
22	\$7.50	\$4.40	32	\$3.00	\$1.76
26	4.00	2.35	40	3.00	1.76
28	3.00	1.76	48	3.00	1.76
30	3.00	1.76			

### SPARTON

Type	List Price	Your Cost
182B	\$2.30	\$1.22
183	2.05	1.09
486	1.80	.96

### KELLOGG A. C. TUBES

Type	List Price	Your Cost
401	\$4.00	\$2.35
403	5.00	2.94

## TUBES AT BARGAIN PRICES QUANTITY LIMITED!

### Cunningham RADIO TUBES

Due to a fortunate purchase of a quantity of Genuine Cunningham tubes, we are able to offer these straight-aided tubes at a 50% discount. The quantity is limited and we urge you to rush your orders for these tubes.

Type	List Price	Your Cost
301A	Detect. r. Amplifier	\$0.60 \$0.30
327	Det. Amp. Triode	.70 .35
345	Det. Amp. Triode	.75 .37



### RCA RADIO TUBES

Type	List Price	Your Cost
867	Photo Electric Cell	\$37.50 \$1.95
868	" " "	7.50 5.50

### POWERTONE

These tubes are placed on the market by one of the foremost manufacturers in the radio industry to answer the demand for a first grade tube at a low price. Every tube in the Powertone line-up is aged and given an accurate meter test before sale. We guarantee them to you absolutely, except for breakage or burnout, for a period of 3 months.

Type	List Price	Your Cost	Type	List Price	Your Cost
112A	\$1.30	\$0.45	231	1.30	.53
171	.75	.35	232	1.90	.75
199X	1.50	.65	233	2.10	.79
199V	2.25	.65	235	1.30	.53
201	.60	.29	245	.75	.34
210	5.00	1.25	247	1.30	.52
224A	1.20	.53	250	4.00	1.29
226	.65	.29	280	.70	.32
227	.70	.32	281	3.50	1.25
230	1.30	.53			

### de Forest

Type	List Price	Your Cost
420	Pwr. Amp. Triode	\$3.00 \$0.95
422	R. F. Amp. Tetrode	2.00 .75
431	Pwr. Amp. Triode	1.30 .69
499	Detector Amplifier	1.50 .59
410	Pwr. Amp. Triode	5.00 1.35
450	Pwr. Amp. Triode	4.00 1.25
481	Half Wave Rectifier	3.50 1.25

### EVEREADY

Type	Your Cost	
31	Dry Cell Amplifier	\$0.52
35	Vari-Mu Tetrode	.52
51	Super Control R. F. Tetrode	.52
239	Super Control R. F. Amp. Pent.	.60
BH	Long Life Rectifier	2.52

**FREE—A technical tube chart with every order of tubes**

# Guarantee

We guarantee each and every article in this catalog to be exactly as described and illustrated.

We guarantee every item in accordance with the standard warranty of the Radio Manufacturers Association to operate in the manner intended by the manufacturer; that it represents full value for the price you pay; that it will reach you in perfect condition.

We will exchange or repair any merchandise returned to us that contains any mechanical or electrical imperfection in accordance with the R. M. A. guarantee. We pledge ourselves to strict adherence to the guarantee of the Radio Manufacturers Association.

WHOLESALE RADIO SERVICE COMPANY, INC.



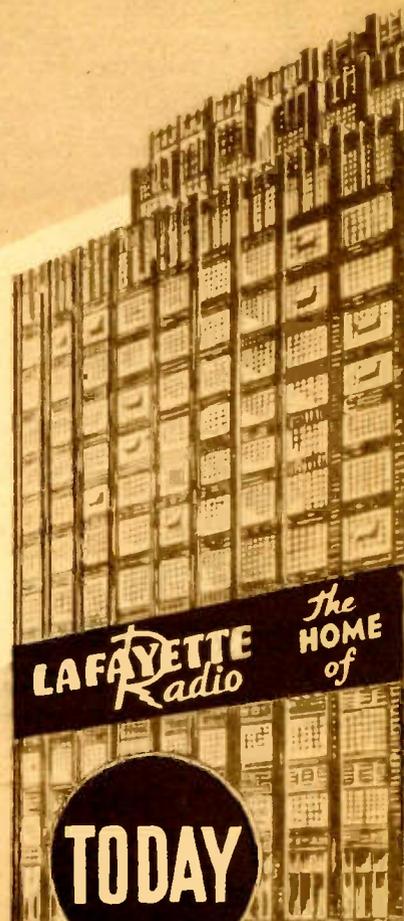
**T**WELVE years ago when the Radio Industry was still young, WHOLESALE RADIO SERVICE COMPANY was founded in a small office. But behind this small beginning was the determination and promise to SERVE—and SERVE WELL! To accomplish this meant to sell only the finest quality, brand new merchandise under a guarantee of absolute satisfaction and at the lowest possible prices consistent with such quality.

Because we have performed the promise, because we have lived up to our determination to serve YOU—our tens of thousands of customers—we have grown from a small beginning to a national institution doing a business running into millions of dollars!

During these 12 years we have passed through good times and bad times. We have seen many concerns, tempted by the lure of "easy money" in the Replacement Parts Racket, come and go. There have been countless opportunities for us, too, to deviate from our original policy—but the confidence and faith entrusted to us by our thousands of customers has never been misplaced.

That is why WHOLESALE RADIO SERVICE COMPANY has constantly forged ahead. That is why, even during depressions, thousands of NEW CUSTOMERS have turned to us for protection on their purchases!

Today—more than ever—our great organization of men and women are ready to perform the promise made 12 years ago. When you buy from us it can be with full assurance that what you buy is brand new, first class, guaranteed merchandise that will insure your satisfaction.



12 Years Ago

# The Home of Radio Reliability Built On TRUTH and

# Dozen Years of SERVICE



General business office, showing excellent daylight working conditions. Rapid service assured thru our direct private wire to Western Union and Postal Telegraph.

Below



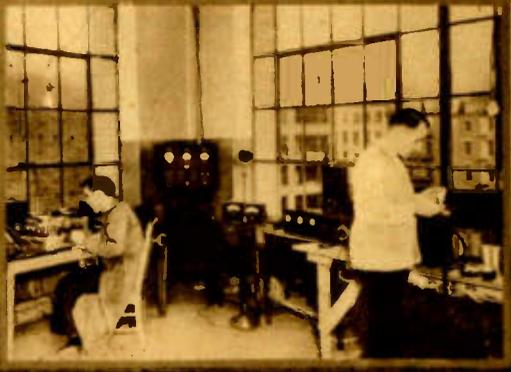
A corner of our Shipping Department, where 94% of all orders are shipped within 24 hours or less. Ample floor space is provided for efficient, careful packing to prevent breakage. All orders checked three times for accuracy.



Below: Our Export Department, where orders are shipped to every civilized country in the world. Skilled packers with export experience are employed.

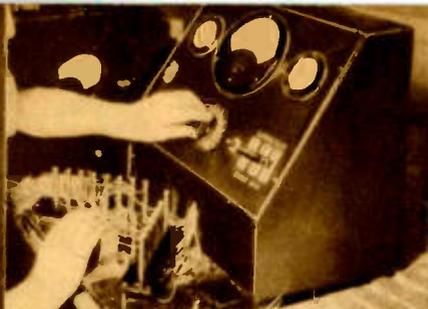


WHOLESALE RADIO  
SERVICE CO. Inc.

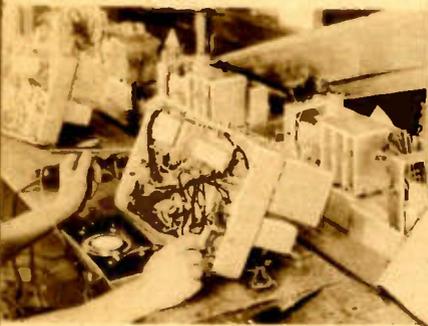


A corner of our Bureau of Standards Testing Laboratory where every item listed in our catalog is carefully tested and checked by a staff of experienced and practical radio engineers.

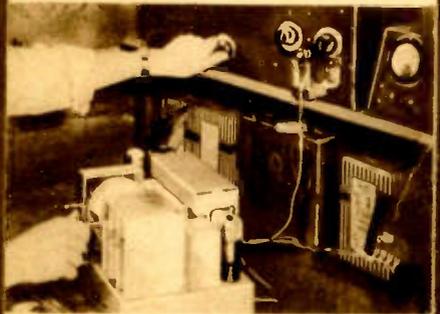
## CONFIDENCE



Every electrical characteristic of every Lafayette receiver is pre-determined by means of costly micro-sensitive test equipment.



The inter-wiring of each one of these component parts receives the same rigid inspections, to assure perfect—and lifelong continuity of all circuits.



The finished unit is made to pass critical tests of laboratory created wave length reception. This tests the receptive ability of the receiver.



Finally, after these three major tests, every Lafayette Receiver is subjected to an additional broadcast reception test by factory trained experts.



**Approved**  
by  
**TESTING LABORATORY**  
**WHOLESALE RADIO**  
**SERVICE CO. Inc.**

CHECKED BY  
*[Signature]*

**YOU!**  
**ARE PROTECTED!**

**A**T WHOLESALE RADIO SERVICE you are protected in every possible way by a staff of trained and experienced radio engineers who have at their disposal the finest testing apparatus in existence. This engineering staff sets an extremely high standard of quality for all merchandise sold by Wholesale Radio—a standard higher than that established by the manufacturers themselves. Everything is checked and rechecked, in some cases dozens of times. No item is too small or inexpensive to escape this ceaseless scrutiny, for we realize that a defective ten-cent condenser or resistor may quite readily put a thousand dollar amplifier completely out of business.

#### Rechecking and Testing Is Continuous

This high standard of quality is maintained at all times, for your CONTINUED protection, by a process of continual back-checking and retesting in our "Bureau of Standards," as the testing laboratory is known. Not only is merchandise tested before it is listed in our catalog, but at regular intervals random samples are taken from stock for further rechecking.

The laboratory tests made for your protection are long and involved. Condensers are tested for breakdown voltage; coils and chokes of various kinds for inductance value and current capacity; transformers for their frequency response or power ratings; receivers for sensitivity, selectivity and tone quality. By actual count thousands of individual pieces of apparatus pass through our laboratory yearly and for every thousand that are approved, more than a thousand are rejected.

#### Field Tests Supplement Laboratory

Our laboratory tests are frequently supplemented by field tests held under the same conditions that would be encountered by the purchaser of a machine. For instance, new or experimental public address amplifiers are actually installed in theatres, auditoriums, trucks, etc., and all the "bugs" taken out of them. Auto-radio sets are driven thousands of miles in gruelling road tests.

On every item and at all times, **YOU ARE PROTECTED!**

**- A -**

Article	Page
A.C.-D.C. Receiver Kits	50
<b>Adapters</b>	<b>80, 81</b>
Adapters, Dual Speed	66
<b>Aerials</b>	
Auto	24
Cage	140
Eliminators	140
Filters	138
Insulators	7, 138, 141
Kits	133, 139, 140
Lead-in Strips	141
Lightning Arresters	89, 138, 141
Masts	140, 141
Spreaders	43, 138
Systems, Multiple	138
Transposition Blocks	43, 138
Lafayette Noise Eliminators	138
Wire	39, 139, 140
Aluminum Corner Posts	145
Aluminum Panels	145
Aluminum Record Blanks	67
Aluminum Shielding Cans	145
Amperite Voltage Control Tubes	46
<b>Amplifiers</b>	
Battery Operated	51
Class B	50, 51
Public Address	37, 57, 58, 49-55
RCA Photophone	37
Recording	53
Amplifying Systems	49, 54, 55
<b>Analyzers</b>	<b>74-77, 81</b>
Analyzer Plug	35, 80, 81
Analyzer Knobs	43
Analyzer Selector	77
Angle Brackets	148
<b>Antennas</b>	<b>140</b>
Coils	96
Chokes	95
Couplers	138
Tightener	141
Arbors, Motor	154
Armatures, Pick-Up	38
Assorted Coil Springs	155
Assortments, Screws, Nuts, Washers	148
Attachment Caps	146, 147
<b>Audio Transformers</b>	<b>39, 41, 43, 44, 94-100</b>
Auditorium Speakers	61, 62
<b>Automobile</b>	
Accessories	157-159
"A" Batt. Charger	136
Aerials	24
"B" Eliminators	25
Bulbs	158
Condensers	24, 110
Converters	25
Distributor	24
Suppressor	24
Filterizer	24
Generator Silencer	24
Ignition Suppressor	24
Ignition Wire	144
Jacks	158
Polish	156, 158
Radio Wire	144
Radios	23
Remote Control	25
Voltage Regulator	24
Automatic Record Changer	66
Automatic Re-note Control, RCA	36, 56
Axe, Official Scout	154

Article	Page
<b>Bargains</b>	<b>35-44</b>
Base Board Outlets	146
Bases, Tube	80
<b>Batteries</b>	<b>136, 145</b>
Cables	144
Clips	136
Receivers	15
Storage	136, 157
<b>"B" Eliminators</b>	<b>136</b>
"B" Eliminators, Auto	25
Bells, Electric	146
Binding Posts	43, 83, 134

Article	Page
Trutest	87
Antenna	95
Short Wave	95
Filter	39, 41, 87, 94-100
Circuit Testers	74-77, 79, 81
Class "B" Power Transformers	86, 88
Clips, Fuse	43
Clips, Fahnestock	148
Clip, Lead In	38
Clips, Screen Grid	148
"C" Terminal	145
Clips, Wire Holding	141
Code Practice Sets	73

Article	Page
Volume	40, 42
112-118, 120, 123	
Convenience Outlets, Radio	35, 39, 111
Convenience Outlets, Electrical	111, 147
<b>Converters</b>	
Auto	25
Janette Rotary	95
Bodine	37
Corda, Extension	46
Coupler, Antenna	138
Crack Filler	155
Crystal Holder	70

Article	Page
Extension Cords	46, 147

**- F -**

Fahnestock Clips	148
Fibre Rods	149
Fibre Washers	39, 148
Field Coils, Speaker	63
Field Exciters, Speaker	59
Filament Resistors	109, 121, 123
<b>Filament Transformers</b>	<b>41, 72, 87, 98</b>
Filament Wire	144
Files	154

<b>Filterizer Kits</b>	<b>24, 138</b>
------------------------	----------------

<b>Filters</b>	
Chokes	39, 41, 72, 87, 94-100
Coils	95
Condensers	43, 44, 101, 110
Trutest	102
Interference	101, 138
Scratch	67
Speaker	63
Flashlights	145
Flexible Resistors	120
Flush Receptacle	69, 144, 146
Friction Tape	146
Fuses	73, 83, 146, 147, 157

**- G -**

Galena	137
Generator Silencer	24
Granules, Carbon	64
Grid Bias Kits	127
Grid Resistors	35, 70, 120, 121
Grille Cloth	38
Ground Clamps	140

**- H -**

<b>Hammerlund</b>	
S.W. Receivers	68
Hand Saw	151
Hard Rubber Panels	145
<b>Hardware</b>	<b>148-156</b>
Headphones	137
Headphone Adapters	81
Home Broadcasters	65
Home Recording	39, 45
Outfits	39, 45
<b>Horns, Racon, Lafayette</b>	<b>59</b>
Hum-Buckers	35, 121
Hydrometers	136
Hot Water Heater	149

**- I -**

I. F. Coils	133
I. F. Transformers	42, 133
I. F. Tuning	38
Condensers	38
Immersion Heater	149
Ignition Suppressors, Auto	24
Indicators, Ohm	124, 127
Insulators, Aerial	71, 138, 141
Insultenna	140
Interference Filter	101, 138
Irons, Soldering	149

**- J -**

<b>Jacks</b>	
Auto	158
Test Plug	36, 135
Speaker	42, 134
Switches	42, 135
Tip	35, 83, 134, 135
Twin	134, 135
Midget	43

**- K -**

Keys, Xmitting	73
----------------	----

## DO NOT BE CONFUSED

Many small unreliable organizations realizing the standing and prestige of **WHOLESALE RADIO SERVICE COMPANY**, are endeavoring to capitalize on our name by using as their name "WHOLESALE MERCHANTS", "WHOLESALE DISTRIBUTORS" or such phrases as "WHOLESALE RADIO prices", "Buy Radio at Wholesale" or other similar phrases designed to make the prospective customer feel that he is doing business with **WHOLESALE RADIO SERVICE COMPANY**.

**FOR YOUR PROTECTION WE PUBLICLY ANNOUNCE THAT WE ARE NOT AND NEVER HAVE BEEN ASSOCIATED WITH ANY OTHER RADIO CONCERN.**

There Is Only ONE

**WHOLESALE RADIO SERVICE CO., Inc.**

100 SIXTH AVE., Corner Grand Street NEW YORK, N. Y.

Bits, Auger	152
Bits, Expansive	153
Blades, Saw	151
Blank Records, Recording	45, 67
Blow Torches	156
<b>Books, Text</b>	<b>39, 49, 84, 85, 101</b>
"B" Power Units, Auto	25
Braces	153
Brackets, Angle	148
Brackets, Pilot Light	135
Brackets, Sub Panel	145
Brass Rods	149
Broadcaster, Home	65
Brushes, Wire	155
Buffer & Grinder	150, 153
Bulbs, Tungar	187
Bulbs, Pilot	135
Buss Wire	145
Buzzers, High Frequency	73
By-Pass Condensers	35, 37, 44, 98, 106-111

**- C -**

Cabinets, Speaker	60, 61
Cable, Armored	144
Cable Connectors	40, 111, 144
Cable Pin Plugs	144
Cables, Microphone	144
Cable, Transmission	144
Capacity Testers	75, 76
Capchart Record Changer	66
Carbon Resistors	44, 109, 124-127
Carrying Cases	76
Cement, Cone	63
Cement, Electrical	145
Charger, Auto "A"	136
<b>Chassis, Radio</b>	<b>7-10, 12, 13</b>
Checkers, Tube	74, 75, 77
Chokes	
R. F.	43, 71, 95
Xmtg.	71, 72

<b>Coils</b>	
R. F.	42, 96, 133
I. F.	42, 95, 96, 97, 133
Ant.	42
Oscillator	133
Assembly	42
Plug-In	68, 131
Forms, Plug-In	68, 131
Kits	68, 131-133
Magnetic Speaker	63, 35
Pick-Up	67
Shields	131, 145
Sockets	134
Speaker Field	63
Winder	145

<b>Condensers</b>	
Auto	24, 110
Block Replacements	102-105, 110
By-Pass	35, 37, 88, 43, 98, 106-111
Cartridge	106-111
Glass	70
Electrolytics	44, 70, 106, 108, 110
Filter	35, 43, 44, 101, 110
Intermediate Tuning	38
Mica	70, 38, 108, 109
Microphone	64, 65
Neutralizing	35, 128, 129
Transmitting	70, 128, 129
Shaft Couplings	71, 149
Trimmer	38
Variable	35, 38, 128, 129
Cones, Speaker	63
Connectors	40, 46, 69, 81, 144
Consoles	11, 13-15

<b>Controls</b>	
Auto Remote	25
Auto Voltage	24
Line Voltage	46
Microphone Tone	64
Phono, Volume	38
RCA Automatic Remote	36
Cord Connectors	146, 147
Cord Sets	146, 147

Crystal Microphone	64
Crystals	70, 137
Circuit Sets	38
Cutter, Circular Panel	153
Cutting Head, Home Recording	39, 45, 66

**- D -**

Detecto-Lite	82
Dial Cables	131
Dial Scales	83
<b>Dials</b>	<b>71, 130, 42</b>
Dials, Meter	83
Dividers, Voltage	44, 119-123, 127
Doublet Antennas	138
Drilling Template	145
Drills	153
Drive Cables	131
Dual Speed Electric Pick-Up	67
Dual Speed Motor and Pick-Up	45, 66
Dual Speed Phono Adapter	66
Dual Speed Phono Motors	66
<b>Dual Wave Receivers</b>	<b>8-11, 22</b>
Dual Super Recorder	45
Dynamic Speakers	25, 37, 39, 40, 59-62

**- E -**

Earphones	137
Earphone Adapters	81
Electrical Accessories	146, 147
Electric Pencil	149
<b>Electrolytic Condensers</b>	<b>44, 70, 106, 108, 110, 111</b>
Eliminators, Automobile "B"	25
Eliminators, "E"	136
Eliminating Condensers	38
Etch Plates	35, 180

**- B -**

Baffle Boards	60
Bakelite Panel	145
Bakelite Tubing	40, 145
Ballast, Line	46

<b>Article</b>	<b>Page</b>
<b>Kits</b>	
A.C.-D.C. Receiver	16, 17
Adapter	80
Antenna	138, 139, 140
Coil	68, 131, 132, 133
Condenser	107, 109, 110
Radio Receiver	16, 17, 21
Resistor	124, 125, 127
Tool	151
Volt-Ohmmeter	83
Wire	143
<b>Knobs</b>	<b>35, 43, 129</b>
Insulator	141
Nail-It	141
Screw-In	141
<b>- L -</b>	
<b>Lafayette</b>	
Aerial Kits	138, 139
Amplifiers	49, 50-55, 57, 58
Auto Converters	25
Microphones	64
P. A. Tuners	56, 57
Portable Phonographs	45
Dual Speed Motor and Pick-Up	45
Pick-ups	67
Public Address Systems	49, 55
Speakers	59, 62
Tubes	26, 27
Transmitting Tubes	73
Lead-Ins	141
Leads, Test	82
Light Brackets, Pilot	135
Light Sockets, Pilot	148
Lightning Arresters	89, 138, 141
Line Ballasts	46
Line Filters	101
Line Testers, Electric Power	82
Line Voltage Controls	46
Littel Fuses	73, 83
Lugs	148
<b>- M -</b>	
<b>Mantel Receivers</b>	<b>7-11, 15, 22</b>
Metal Shielding	145
Meters	71, 75, 78, 79
Meter Accessories	79, 83, 125, 126
Mica Condensers	38, 108, 109
<b>Microphones</b>	<b>64, 65</b>
Accessories	64, 65
Cables and Connectors	144
Carbon	39, 64, 65
Condenser	64, 65
Ribbon	64
Stands	64, 65
Transformers	94, 98, 100
<b>Midget Receivers</b>	<b>4, 5, 6, 22</b>
Momentary Switches	135
Motors, Phonograph	66
Mounting Brackets	145
Mounting Lugs	145
Mounting, Resistor	109
Mounts, Fuse	83
Mounts, Meter	79
Multipliers, Meter	83, 125, 126
<b>- N -</b>	
<b>National Short Wave Receivers</b>	<b>68, 69</b>
Plug-In Coils	68
Needle Cup	66
Needles, Phono	38, 66
Needles, Recording	38, 66
Neon Glow Lamp	40
Neutralizing Adapters	81
Neutralizing Tool	82
<b>Noise Eliminators</b>	
Line	24, 138
<b>Antenna</b>	
Noise Reducing Aerials	138
Nuts, Washer, Assortment	148
<b>- O -</b>	
Oil, 3-in-1	157
Ohm Indicators	124, 127

<b>Article</b>	<b>Page</b>
<b>Ohmmeters</b>	<b>75, 76, 79, 81</b>
Oscillators	75, 76
<b>- P -</b>	
Packard Record Changer	66
Painting Supplies	155, 156
<b>Panels</b>	<b>145</b>
Aluminum, Bakelite, Hard Rubber	145
Cutters, Circular	153
Engraving	145
Paste, Soldering	145
Phone Cords	46
Phone Plugs	137
Phone Tips	145
<b>Phonograph</b>	<b>45</b>
Adapters, Dual Speed	66
Faders	115
Motors	66
Automatic Stop	66
Pick-Ups	67
Pick-Up Coils	67
Pick-Up Heads	67
Radio Combination	7, 11, 14
Reproducers	38
Spring Motors	66
Switches	38
Volume Controls	38
Photophone Amplifiers	37
Photophone Dynamic Speakers	37, 62
Photophone Pick-Ups	67
Pick-Up Armatures	38
Pigtail Resistors	124-127
Pilot Light Brackets	135
Pitch, Insulating	145
Pliers	150
<b>Plugs</b>	
Analyzer	35, 80, 81
Armored	144, 146, 147
Attachment	146, 147
Cable	146, 147
Jack	44
Microphone	144
Multiple	69
Phone	44, 137
Spark	137
Speaker	39, 81, 137
Test	35, 82
Tip	135
Portable Phonographs	45
Posts, Binding	43, 83, 134
Potentiometers	35, 37, 111
Power Amplifiers	50-55, 57, 58
<b>Power Transformers</b>	<b>39, 40, 41, 86-93, 98</b>
Trutest	72, 86
Practice Sets	73
Prods, Test	35, 82
<b>Public Address</b>	
Amplifiers	37, 49, 55, 57, 58
Complete Systems	49, 54, 55
Equipment	59
Portable Systems	54
Push Buttons	147
Tuners	56, 57
Quartz Crystals	70
<b>- R -</b>	
<b>Radio</b>	
Auto	23
Knobs	35, 129
Phono, Combination	7, 11, 14
Receiver, Kits	16-17, 21
Receivers	4-15, 20-23
Short Wave Receivers	20, 21, 68
Tubes	26-29, 40, 47
Radiostat, Bradley	71
<b>R. C. A.</b>	
Photophone Amplifier	37
Photophone Pick-Up	67
Remote Control	36, 56
Speaker Cones	63
Speakers	37, 61, 62
Reamer, Panel	154
<b>Receivers</b>	
Battery	15, 21
Chassis	7, 8, 9, 10, 12, 13
Consoles	11, 13-15
Dual Wave	8-11, 22
Mantel	7-11, 15, 22
Midget	4, 5, 6, 22

<b>Article</b>	<b>Page</b>
<b>Portable</b>	<b>4-6, 22</b>
Short Wave	20, 21, 68, 69
Trio Wave	8-11
Record Changers, Phonograph	66
<b>Recording</b>	
Amplifier	52, 53
Blanks	45, 67
Needles	38, 66
Outfits, Home	39, 45
Rectifiers, Metallic	83, 137
Regulators, Voltage, Auto	24
Regulators, Line	46
Relays	69
<b>Remote Control</b>	
Assembly	36, 56
Remote Control, Auto	25
Resistor Indicator	124, 127
<b>Resistors</b>	<b>35, 70</b>
120-122, 124-127	
Candohm	127
Carbon	44, 109, 124-127
"C" Bias	120, 121, 122
Center Tap	121, 122, 123
Filament	109, 121, 123
Grid	35, 120, 121, 122
Kits	124, 125, 127
Lavite	109
Metallized	126, 127
Meter Shunts and Multipliers	125, 126
Mountings	109
Transmitting	70
Trutest Carbon	124, 125
Variables	71
Vitreous Adjustable	119, 123
Wire Wound	109, 120-127
R. F. Chokes	43, 71, 95
R. F. Coils	42, 96, 133
Rheostats	40, 71, 111
Rotary Converters	37, 95
Rules	43
<b>- S -</b>	
Saws	151
Scratch Filters	67
Screw Eyes	141
Screws	148
Screw Drivers	43, 152
Serviceman's Tool Sets	151, 152
<b>Sets, Radio</b>	<b>4-15, 20-23</b>
Set Testers and Analyzers	74-77, 79, 81
Sets, Short Wave	68, 69
Shaft Couplings	71, 149
Shielded Auto Radio Cable	144
Wire	139, 144
Shielded Microphone Cable	144
Shielding	144
Shielding Cans	131, 145
<b>Shipping Information</b>	<b>48</b>
Short Wave Coils	68, 131
Short Wave Condensers	128, 129
<b>Short Wave Receivers</b>	<b>20, 21, 68, 69</b>
Short Wave Switches	42
Shunts, Meter	83, 125, 126
Skinderviken Mike Button	38
<b>Sockets</b>	<b>69, 73, 134, 146, 147, 148</b>
Radio Tube	43, 69, 73, 134
Socket Wrenches	152, 154
Solder	145
Solder Paste	145
Soldering Irons	149
Soldering Lugs	148
Spaghetti Tubing	145
Spark Plug Suppressors	24
<b>Speakers</b>	<b>25, 39, 59-62</b>
Speaker Accessories	39, 40, 69
Speaker Baffles	60
Speaker Cabinet	60, 61
Speaker Cones	63
Speaker Filters	63

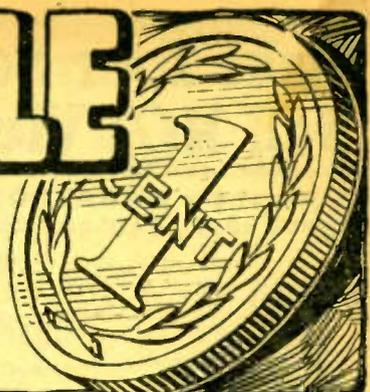
<b>Article</b>	<b>Page</b>
<b>Special</b>	
<b>Bargains</b>	<b>35-44</b>
Sprague Condensers	38, 110
Springs, Antenna	141
Springs, Coil	155
Springs, Microphone	64
Stands, Microphone	64, 65
Stand-Off Insulators	71, 141
Staples, Insulated	140
Step-Down Transformers	41, 91
Storage Batteries	136
Strips, Lead-In	141
Sub-Panel Sockets	134
Suppressor, Generator	24
<b>Suppressors, Grid</b>	<b>35, 70, 120, 121</b>
Suspension Ring	64, 65
<b>Switches</b>	
Analyzer	79
Anti Capacity	134
Electrical	146, 147
Electric Time	46
Bi-Polar	79
Jack	135
Knife	135
Rotary	42, 79, 111, 135, 146
Momentary	135
Push Button	135
Set Analyzer	79
Short Wave	42
Toggle	135
<b>- T -</b>	
<b>Article</b>	<b>Page</b>
Tap, Twin	40
Tape, Rubber	146
Friction	146
Telephones	137
Terminal Clips	145
Test Leads	82
Test Prods	35, 82
Testers, Short-o	82
<b>Testers and Analyzers</b>	<b>74-77, 79, 81</b>
Theatre Equipment	50
Time Switches, Electric	46
Tip Jacks	35, 83, 134, 135
Tip Plugs	35, 135
Tips, Phone	145
<b>Tobe Filterizer Kits</b>	
Tobe Aerial Filters	138
Tobe Auto Filter	24
Tobe Line Filters	101
Tone Controls	46, 112-118, 120
Tool Boxes	156
<b>Tools</b>	<b>149-155</b>
Tools, Neutralizing	82
Torches, Blow	156
<b>Transformers</b>	<b>41, 72, 86-100, 133</b>
Audio	39, 41, 43, 44, 94-100
Bell Ringing	147
"B" Eliminator	87
Filament	41, 72, 87, 98
General Replacement	86, 87
I. F.	42, 95, 96, 97, 133
Microphone	94, 98, 100
Mixing-Matching	64, 94-100
Power	39, 40, 86-93, 98
Step Down	41, 91
Transmitting	72
Universal Power	87
Transposition Blocks	138
<b>Transmitting Equipment</b>	<b>70-73, 128, 129</b>
Transmission Cable	144
Trio Tap	147
Trio Wave Receivers	8-11
Triple Connectors	147
Triple Plug, Fused	147
Trouble Lamps	40
Trumpets, Public Address	59
<b>Trutest</b>	
By-Pass Condensers	107
Condenser Blocks	102
Chokes	72

<b>Article</b>	<b>Page</b>
DeLux Audio's	94, 95
Doublet Antenna	139
Electrolytic Condensers	106
Pick-Up	67
Power Transformers	72, 86
Scratch-Filter	67
Transmitting Crystals	70
Truvalt Resistors	131
Variable Condenser	129
<b>Tube</b>	
Adapters	80, 81
Bases	80
Radio	26-29, 40, 47
Shields	131
Sockets	43, 134
Testers	24, 74, 75, 76, 77
Transmitting	73
Tubing, Bakelite	40, 145
Tubular Condensers	110
Tuners, Lafayette Public Address	56-57
Tungar Bulbs	137
Tuning Meters	78
Turn Tables	66
Turn Table, Two Speed Adapter	66
Twin Jacks	134, 135
Twin Outlets	147
Twin Posts	134
<b>- U -</b>	
Units, Magnetic Speaker	39
Units, Racon	59
<b>- V -</b>	
Van Shunts and Multipliers	83
Variable Condensers	35, 38, 128, 129
<b>Victor-R. C. A.</b>	
Electric Pickups	67
250 Amplifier	37
Remote Control	36, 56
Speakers	37, 61, 62
Speaker Plugs	39
Vises	151
<b>Voltage Dividers, Replacement</b>	<b>44, 119-123, 127</b>
Variable	119, 121, 123
Voltage Reducer	40
Voltage Regulators	24, 46
Volt-Ohmmeters	75, 76, 79, 81
<b>Volume Controls</b>	<b>40, 42, 112-118, 120, 123</b>
Control, Phono	38
Controls, R.C.A.	113, 115, 117
Replacement	112-117
Strips	144
<b>- W -</b>	
Wall Outlets	35, 39, 111
Washers, Fibre, Bakelite, Metal	39, 148
<b>Wax</b>	
Auto	156, 158
No Rubbing	156
Liquid	156
Paste	156
Weather Stripping	155
Weather Vane	140, 156
<b>Wire</b>	
Aerial	39, 139, 140
Armored Cable	144
Asbestos	142
Auto Radio	144
Battery	144
Bell	146
Buss	145
Filament	143, 144
Fixture	142
Hook-up	143, 144
Magnet	143
Microphone	144
Lead-in	139, 144
Lamp	142
Parallel	142
Re-enforced	142
Shielded	139, 144
Shielding	144
Twisted	142, 143
Work Bench	156
<b>Wrenches</b>	<b>152, 154</b>

# ONE CENT SALE

## Quantity Limited

Each item in this sale has already been priced very low, BUT FOR ONLY ONE CENT MORE YOU CAN BUY TWO, so that the price is actually cut in half. Pick out any item ON THIS PAGE ONLY—send us ONE CENT MORE and we will send you TWO of them.



### AEROVOX High Voltage Filter Condenser

A series of filter condensers available in voltage ratings from 200 to 1000 volts. Cases are of uniform height and are provided with mounting lugs. These condensers are conservatively rated and are excellent value at the prices quoted. Maximum shpg. wt. 6 lbs.

Stock No.	Cap. Mfds.	Voltage Rating	Your Cost
D3010	1	200	\$0.69
D3011	2	200	.99
D3013	.1	300	.75
D3014	.5	300	.81
D3015	2	300	1.20
D3016	4	300	2.04
D3017	.1	400	.84
D3018	1	400	.96
D3019	4	400	2.52
D3020	1	500	1.14
D3021	2	500	1.71
D3022	1	600	1.32
D3023	2	600	1.98
D3024	4	600	3.45
D3025	1	800	1.65
D3026	2	800	2.85
D3027	4	800	5.25
D3028	.5	1000	1.95
D3029	1	1000	2.10
D3030	4	1000	6.00

**1c ADDED TO PRICES QUOTED WILL BUY TWO CONDENSERS**

### Pole Piece and Coils for Diaphragm Speaker Units

This is a 2200 ohm pair of coils with a laminated pole piece. Used in the RCA UZ1320 and UZ1325 units. Good for use in building relays, buzzers, etc.

W19211—  
Your Cost per Pair..... **10c**

**TWO PAIR FOR 1c MORE!**

### LYNCH Non-Inductive Resistors

Non-Inductive Resistors mounted in glass tubes like a grid leak. Wire wound and guaranteed noiseless. Three sizes: 500, 600, 700 ohms. State size desired.

E4996—  
Your Cost..... **3c**

**TWO FOR 1c MORE!**

### SERVICE LABORATORY TEST FITTINGS

Made of a highly insulated, non-inflammable substance. There are many ways the serviceman can find to put these parts into practical use. Each unit is interchangeable with the others. Each piece neatly colored and highly polished. No conscientious radio man should be without a set of these handy parts.

No.	Description	Stock No.	Your Cost Each
1	4" Test Prods with ends that fit the other Fittings.	M12910	\$0.25
2	Insulated Plug-Alligator Clip with female end Fittings.	M12911	.15
3	Short Test Prod, Handle 2 1/2" long.	M12912	.22
4	Insulated Plug, needle point tip.	M12913	.15
5	Insulated Plug with tapered lug.	M12914	.15
6	Insulated Plug in Prong.	M12915	.15
7	Insulated Prong Jack.	M12916	.12
8	Insulated Phone Tip Jack.	M12917	.15
9	Non-Insulated Phone Tip Jack.	M12918	.08
10	Plug in Spider Web Coil Holder.	M12919	.12
11	Non-Insulated Plug, in Jack for Coil Holder.	M12923	.12

**TWO FOR 1c MORE! TWO FOR 1c MORE!**

### Mounted Resistor

This is a half watt resistor of 100,000 ohms used in the Radiola 42 Receivers, part No. 2728 mounted on Bakelite strip.

E4989—Your Cost..... **9c**

**TWO FOR 1c MORE**

### Five-Prong Long Handled Plug

Genuine two-piece bakelite plug with long Analyzer type handle. UY, five-prong type. Useful in making your own analyzer or for use any place where many circuits are to be connected at once. Particularly useful on the bench. Especially suited for use as a speaker plug. Shpg. wt. 1 lb.

M13009—  
Your Cost..... **29c**

**TWO FOR 1c MORE!**

### YAXLEY Potentiometer

Sturdily built with metal frame. 40 ohms resistance and has 1/4" shaft. Shpg. wt. 1 lb.

F6352—  
Your Cost..... **19c**

**TWO FOR 1c MORE**

### Knobs

These knobs were originally made for RCA receivers and are for use on standard 1/4" shafts with flattened end. They can be used wherever a neat appearing knob is desired. Two types: (A) wood, and (B) bakelite, (C) wood.

H9897—(A) wood knob  
H9898—(B) bakelite knob  
H9899—(C) wood knob

Your Cost Either Type..... **7c**

**TWO FOR 1c MORE!**

### C-H Radio Outlet

For the A. C. D. C. portable set why not wire aerial to several rooms and plug in set wherever you want to listen in. The type installed in many of the newer apartments as standard equipment. Can be used either as aerial and ground connection or as speaker outlet for a centralized radio system. Plate is of brass in a brushed finish. Nickel-rim on jack. Plate is insulated from jack by an insulating washer. Fits standard outlet box. Shpg. wt. 1 lb. Takes only a few minutes to install, and will not mar the appearance of the room.

M13232—  
Your Cost..... **29c**

**1c ADDED TO PRICES QUOTED WILL BUY TWO**

### YAXLEY Hum Control

200 ohm hum control with four connections—one for arm, one each end of winding and one at center of winding. Shpg. wt. 1 lb.

F6350—  
Your Cost..... **10c**

**TWO FOR 1c MORE!**

### AMPLEX Grid-Condensers

These handy little variable condensers can be used for many purposes. The regular Amplex .0005 mfd. model can be used as a grid-condenser, antenna series condenser or can even be used as a tuning condenser in experimental work. The Haynes-Griffin model can be used for tuning IF transformers, or as a trimmer condenser. Shpg. wt. 1 lb.

H9738—Amplex .0005 model  
H9739—Haynes-Griffin model

Your Cost Either Type..... **25c**

**TWO FOR 1c MORE!**

### .25 mfd. By-Pass Condensers

Bath tub type. Accurately rated at .25 mfd. A staple item that you should have a quantity of. We've brought the price away down so that you can easily afford to keep a supply on hand.

D3002—  
Your Cost..... **15c**

**TWO FOR 1c MORE!**

### 600 Ohm 10 Watt Resistors

Wire wound 10 watt resistors, 600 ohms. A fortunate purchase enables us to offer them at this extraordinarily low price. Buy a supply now—quantity is limited.

E4992—  
Your Cost..... **10c**

**TWO FOR 1c MORE!**

### Grid Suppressors

These Suppressors RCA Nos. 2384 and 2385 are 700 and 1600 ohms respectively. They were originally used in the Radiola 41 A. C. They are the flexible type wire wound covered with spaghetti and have terminal ends.

E4999—700 ohms  
E5000—1600 ohms

Your Cost..... **9c**

**TWO FOR 1c MORE!**

### Escutcheon

This Escutcheon RCA part No. 2783 is used with the four pole switch on the Radiola 86 and similar sets; has four positions reading 1 radio reception, 2 radio recording, 3 record reproduction, and 4 home recording.

H9799—  
Your Cost..... **3c**

**TWO FOR 1c MORE!**

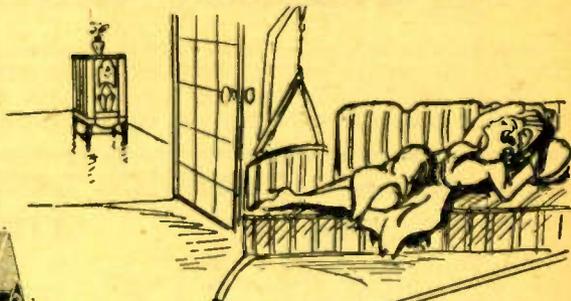
**We Will Not Knowingly Be Undersold**

# Make Your Service Calls *PROFITABLE!* Sell RCA Victor REMOTE CONTROLS!

Do you run a MARATHON? Between your easy chair and the radio?

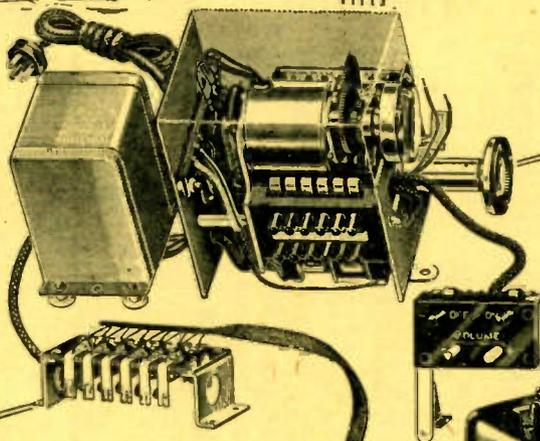


Can you stay on the porch and tune the radio at the same time?



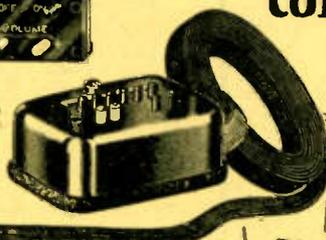
**\$12<sup>50</sup>**

**COMPLETE**



**\$12<sup>50</sup>**

**COMPLETE**



Do you like to hear the radio while lying in bed?

Offers the finest opportunity to increase service call profits!

Servicemen, this unit provides the finest opportunity you ever had to increase the profit you make on each and every service call. Why be satisfied with just the profit you make on the repair? A service call should merely be the means by which you enter the customer's home. And then it is up to you to make that call a really profitable one. SELL YOUR CUSTOMER SOMETHING IN ADDITION TO WHAT HE CALLED YOU FOR.

When you go to your druggist to purchase a tube of shaving cream does he just take it off the shelf, wrap it up and hand it to you? He does not. Not if he is as wide awake in his business, as you should be in yours. He tries to sell you razor blades, toothpaste, face lotion, anything in fact just so that he can INCREASE HIS PROFIT.

We'll admit it has been difficult for the serviceman to find something to sell his customers. A complete set of tubes is of course a good item but, in the majority of cases that is just what you were called for, so that you are not really selling something in addition. Line voltage regulators, extra speakers are all good and they have been worked to death. BUT, AUTOMATIC REMOTE CONTROLS, TO ATTACH TO A CUSTOMER'S SET, ARE NEW. And the sale is large enough and the PROFIT great enough so that you can afford to spend a little time in selling it.

AND IT DOES SELL. Those servicemen who have already tried it are selling them in ever increasing quantities. Your customer wants this item. He thought it wasn't possible to add remote control to his set and when you show him it CAN be done—he'll buy it.

Explain to him the advantage of having remote control on his radio—

How it will make his evenings pleasanter and more enjoyable by removing the necessity of jumping up out of his easy chair to retune his radio at the end of each program.

How, when there is an invalid in the home (or someone that likes breakfast in bed,) it is almost a necessity.

How he can have more than one control box attached to a single radio so as to control it from any location.

Many of your customers have spent hundreds of dollars for their receivers and they are not so ready to trade them in for new ones at a loss, but if you show them how this item modernizes their present set, at a very low cost, you will find them more than willing to buy.

These are the finest remote control units made. They were made to sell at many times the low price we are offering them for. The motor used is a marvelous piece of mechanism being both the simplest and most efficient ever devised for the purpose. It requires practically no attention, outside of oiling once in a great while. All contacts are easily accessible and readily adjustable. In short, it is an RCA-Victor product.

So CASH IN TODAY on RCA-VICTOR REMOTE CONTROLS. Tell your customers about them. Preferably you should have one on demonstration in your shop but even this is not absolutely necessary. It is important however that you TELL YOUR CUSTOMERS ABOUT THEM. Write today for your free copy of our four-page booklet describing this unit, and its installation, in detail. It is simple to install and you make a profit on the unit and a profit on its installation. IT PAYS (AND HANDSOMELY TOO) TO SELL RCA-VICTOR REMOTE CONTROLS.



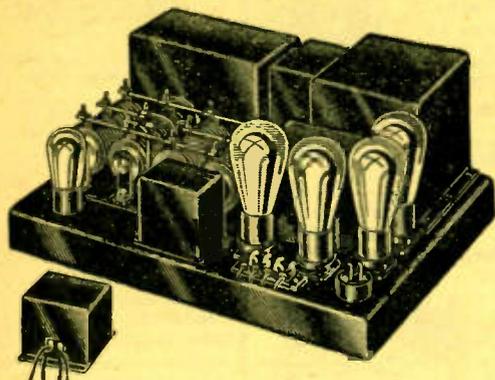
# BARGAINS!

QUANTITY LIMITED



## RCA AMPLIFIERS for PUBLIC ADDRESS

### PHOTOPHONE AMPLIFIER



This is the Power Amplifier to use where you want the finest tone quality with tremendous power. It is a two stage RCA Amplifier with a power output of 12 watts. A single 56 tube in the first stage feeds a pair of 250's in class "A" Push-Pull. More than ample plate current is furnished in humless form by a pair of 281's. Direct current for the fields of three Photophone dynamic speakers is supplied by a double Westinghouse Rectox Unit.

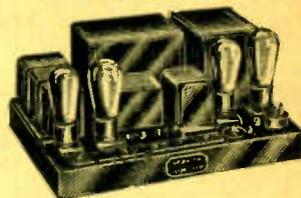
If the proper connections are made plate current for a tuner can be supplied by the amplifier. This is one of the finest Amplifiers ever made by RCA-Victor and in respect to tone quality, volume and fidelity of reproduction leaves nothing to be desired. It is excellent for use as the heart of a Public Address System and for this purpose we recommend you use the Lafayette Photophone type Speaker listed on page 62 of this catalog. Shpg. wt. 120 lbs.

**Y19882**—Amplifier complete with Speaker Filter **\$29.50**  
Your Cost

A special Theatre replacement model the same as used in talking picture theatres that are Photophone equipped. Shpg. wt. 120 lbs.

**Y19884**  
Your Cost **\$29.50**

### Single 250 Photophone Amplifier and Speaker



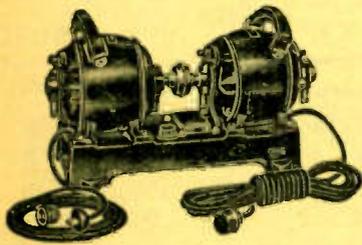
An amazingly powerful single 250 Amplifier designed and built to exacting standards by RCA-Victor. A single 26 feeds a single 250 tube in a carefully designed circuit that assures an excellent frequency response throughout the tonal range. Plate current for the tubes and the field of the 105 RCA-Photophone Dynamic Speaker is supplied by a pair of 281 tubes in a full wave rectifying circuit. An undistorted output of 5 watts is sufficient for gatherings of from 500 to 1000 persons. It will operate three full size dynamic speakers or six magnetic speakers. An excellent amplifier for public address systems and phonograph pick-up reproduction. RCA Model AP-736 (SPU 24). Shpg. wt. 66 lbs. The RCA Model 105 Photophone Type Speaker used with this amplifier is an exceptionally powerful speaker with a very large field. D. C. field resistance is 1000 ohms and field current is supplied from a transformer is built into the amplifier. Frequency response is excellent assuring a high degree of fidelity. This speaker and the amplifier, together, make a very fine Public Address System that has sufficient power for a medium sized installation. The amplifier is so arranged that connection can be made to the output of the first stage if desired. An input transformer is part of the amplifier and will match a high impedance pick-up for use with record reproduction, or can be attached to the output of a tuner. Shpg. wt. of Speaker 66 lbs.

**P15732**—Single 250 Amplifier Only less speaker and tubes.

Your Cost **\$9.95**  
**Y19181**—RCA-Victor Model 105 Photophone Type Speaker. **\$9.25**  
Your Cost  
**P15733**—Complete Kit of Matched Tubes, consisting of 1—450, 2—481 De Forest and 1 Lafayette 26. **\$3.95**  
Your Cost  
**SPECIAL PRICE ON THE COMPLETE OUTFIT, Amplifier, Speaker and Tubes**  
Your Cost **\$21.50**



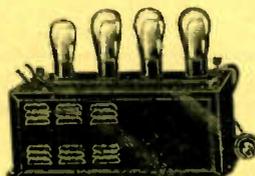
### BODINE 225W. Radio Motor-Generator Set



A two-unit motor-generator for operating A. C. receivers, phonographs, appliances, etc., on D. C. lines. Two unit construction assures noiseless operation by eliminating any chance of noises in the D. C. line being induced into the A. C. generator. Special filter eliminates noises due to commutator hum, etc., in the A. C. supply. Base is provided with rubber padded feet and has a voltage regulator built into it for voltage control. Equipped with 10 ft. D. C. cord and 30 ft. A. C. cord. Shpg. wt. 118 lbs.

**W19833**—225 watt Bodine Converter.  
Your Cost **\$39.50**

### NATIONAL 245 Push Pull Amplifier



A complete two stage amplifier especially suitable for use as a phono-amplifier. Supplies field current for a dynamic speaker having a 600-600 ohm field and a 245 P. P. input transformer. Two stages of amplification with a 27 tube feeding into a pair of 45's in push pull. An 80 tube is used as a rectifier. Will put out enough power to run three dynamic or eight magnetic speakers. This is a very high quality amplifier. The 245 tube is coming back this year in very many commercial receivers as it is recognized as one of the best audio tubes extant. Shpg. wt. 22 lbs.

**N13814**—List \$69.50 less tubes. **\$14.50**  
Your Cost

**N13823**—Matched Dynamic Speaker with 500 ohm field. Shpg. wt. 12 lbs. **\$3.75**  
Your Cost

### NAALD Tru-phonics Amplifiers Truformers



Made by Alden from the original specifications of Donle complete amplifiers with sockets, cable and output jacks.

**P15731**—Your Cost **95¢**  
Amplifier Truformers, 2 stage in can. **95¢**  
**C2085**—Your Cost **19¢**  
Output Truformer. **19¢**  
**C2086**—Your Cost **19¢**  
First Stage Truformer, Molded Case. **19¢**  
**C2087**—Your Cost **19¢**

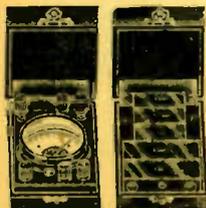
### RCA Potentiometers

Porcelain base type. 5685 and 5686 have the short slotted shaft. 2263 has regular 1/4 inch semi-flat shaft. Shpg. wt. 1 lb.  
**F6788**—RCA Part No. 5685, 60 ohms.  
**F6790**—RCA Part No. 5686, 5.5 ohms.  
**F6791**—RCA Part No. 2263, 60 ohms.



Your Cost **15¢**  
Any Type

### ONEMETER



This is a very cleverly designed meter for making practically all the D. C. measurements required. Voltage ranges 0-7.5 and 0-150. Current ranges 0-5 M.A., 0-50 M.A., 0-500 M.A., 0-10 amps. Ohmmeter readings depend on the size of the battery and resistances used. Meter has a well damped movement of the D'Arsonval type. Has a push button to protect the movement. Complete with shunts and multipliers. Shpg. wt. 4 lbs.

**J10460**  
Your Cost **\$12.50**

### Genuine ATWATER KENT Replacement Condensers



These are the genuine condensers used in the Atwater Kent receivers listed below. All are stamped with the original factory number.

Cat. No.	A. K. Part No.	H1, B1, H9, H20
<b>B1428</b>	15262	H2, B2
<b>B1425</b>	15263	H6
<b>B1431</b>	16461	B5
<b>B1432</b>	16828	J4
<b>B1433</b>	15158	J5
<b>B1434</b>	23140	
<b>B1435</b>	24250	

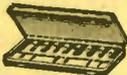
YOUR COST ANY TYPE **10¢**

# BARGAINS!

QUANTITY LIMITED

## VICTOR Tungsten Needles

The genuine Victor Tungsten Needles. Each plays over one hundred records as clear and distinct as the first one.



**A185—Your Cost Per Box of 8 Needles..... 15¢**

## EDISON Phono Needles

The best made. Steel. Medium, Loud or Extra Loud. Fifty to the package.

**A190—Net per Package..... 6¢**  
**10 Packages for..... 55¢**

Also in metal enamel display stand, holds 60 packages; 2 dozen Extra Loud, 1 dozen Medium and 2 dozen Loud; each package containing 50 needles.

**A191—Your Cost Special..... \$2.95**

## Recording Needles

A special designed Steel Needle, for cutting or grooving and recording on aluminum records.

**A210—Your Cost Package of 3..... 15¢**

## Reproducing Needles

Bamboo needle for playback on aluminum or composition records.

**A211—Your Cost Package of 5..... 20¢**

## Speaker Grille Cloth

An exceptionally fine quality ornamental cloth for use behind speaker grilles. Brown color will match any cabinet. Size: 11 x 12". Shpg. wt. 8 ozs.

**W19609—Your Cost..... 15¢**

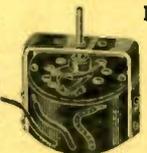
## Pick-Up Volume Controls



Made for use with phono pick-ups, power amplifiers and "mike" hook-ups. Completely controls volume. 24" phone cord.

**G8399—List Price \$2.50. Your Cost..... 90¢**

## Phonograph Volume Control Noiseless Step Type Heavy Duty



This RCA Part No. 2214 was originally used in the Electrola 9-55X. It may be used in any phonograph reproducing system where a high grade volume control is desirable. Very finely made step control with the steps designed to give the smoothest sort of volume graduation. Shpg. wt. 1 lb.

**F6792—Your Cost..... 95¢**

## Automatic Stop



While intended primarily as a replacement this RCA Part No. 10942 can be used by anyone who is building a reproducing device or who is modernizing an old phonograph. Smooth and reliable it incorporates a brake to stop the turntable as well as to shut off the motor. Shpg. wt. 1 lb.

**A136—Your Cost..... 49¢**

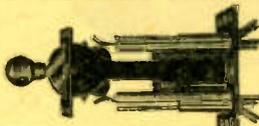
## VICTOR Orthophonic Sound Box Special Value!



Genuine Victor Sound Boxes for replacement in Orthophonic Victrolas. Shipping weight 1 lb.

**For Model No. 10 Victor Jr. A122—Your Cost..... 75¢**  
**For Model No. 11-E A124—Your Cost..... 75¢**

## STROMBERG-CARLSON Phono-Radio Switch



An anti-capacity type of toggle switch with 8 springs. Silver contacts and bakelite knob. Shpg. wt. 1 lb.

**M12821—Your Cost..... 75¢**

## YAXLEY Phono-Radio Switch

This is a double pole-double throw switch; the same as used in the Victor Combination Receivers.

**F6294—Your Cost..... 25¢**  
**In lots of 12, \$2.50**

## Pick-Up Armature

This armature is used in practically all Radiola sets using a pick-up and in all sets using the RCA Victor pick-up. Hard to get.

**A179—Your Cost..... 15¢**

## SANGAMO "Illini" Mica Condensers



Molded bakelite, available in the following capacity: .0001, .000125, .00025.

**D4170—State capacity. Your Cost Each..... 5¢**  
**12 for..... 50¢**  
**D4176—.001 mfd. Your Cost Each..... 7¢**  
**12 for..... 60¢**

## Aerovox Mica Condensers Type 1460

**D4183—.00025 mfd. Your Cost..... 4¢**  
**12 for..... 40¢**

## SPRAGUE Midget Condensers



This type condenser is very popular with servicemen and set builders. Used for all new work as well as replacements for by-pass and filter condensers used in the older type radio receivers. Of highest quality materials. 400 V.

Stock No.	Capacity	Your Cost Each
D4200	.0005	5¢
D4201	.001	
D4202	.005	
D4203	.006	
D4204	.01	Per Doz. 50¢
D4205	.02	
D4206	.04	
D4207	.05	
D4208	.06	Per Doz. 50¢
D4216	.015-.015	
D4217	.01-.01	
D4218	.02-.02	
D4219	.01-.1	Each 10¢
		Per Doz. \$1.00

## Trimmer Condenser

RCA part No. 7114 capacity 5-15 mfd. Used in the Radiola 42, 48, etc. A fine trimmer condenser that is useful wherever a set is to be built. A very fine job, isolantite base.

**H8529—Your Cost..... 15¢**



## R.C.A. By-Pass Condenser

The original RCA-Radiola part No. 6277 used in the Models R78, R78A, and R84. Also used in the General Electric Model J125. Consists of a 1 mfd., 600 volt condenser mounted on a fibre board. Condenser clamped to fibre base by means of a metal clamp. One lead connected directly to lug in mounting hole, other lead connected to a soldering lug. Can easily be used as a general replacement by-pass.

**B469—Your Cost Each..... 10¢**

## VICTOR Home Recording Needles

Made by the Victor Company for recording on metal or composition discs. Will not injure or scratch any blank you may use. After recording, same needle may be used to play back. Each needle can be used 15 times. There is a considerable demand for these needles. Stock up at this low price.

**A129—Your Cost—Pkg of 8 Needles..... 19¢**



## Crystal Receiving Set

This little set, using a specially developed crystal for detection, gives surprisingly good results. Just the thing for use as a Christmas gift for the boy who has "everything." Complete with crystal-catswhisker and single slider tuning coil. Shpg. wt. 2 lbs.

**N13879—Your Cost..... 79¢**



## Antenna-Lead-in Clip

A handy little item that will create a neat and workmanlike appearance on any wiring job. Made especially to clip aerial and lead-in leads together. Has many other uses.

**Q16058—Your Cost Each..... 9¢**



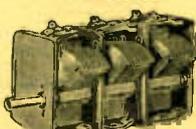
## Two Gang Condenser .00035 Mfd.



It will be a long time before you will again see such a good buy as this in a ball bearing .00035 mfd. variable condenser. Two gang, with aluminum plates force fitted into brass collars, mounted on a 1/8" steel shaft. Mica insulated trimmers on each section. Ideal for the midget set builder who wants an inexpensive yet reliable part. Once installed, this unit needs no further attention. Size: 4 1/2 x 2 1/4 x 5". Shpg. wt. 2 lbs.

**H9910—.00035 mfd. Two Gang. Your Cost..... 59¢**

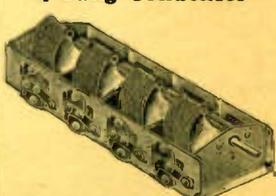
## "G-1" 3-Gang Condenser



Cadmium plated frame with shielding between each section. The 3/8" shaft is ball-bearing and smooth in action. Aluminum plates slotted. A special spring between sections maintains alignment. Flat mounting. Capacity .00035 mfd. size fully opened, 3 3/8 x 3 3/4 x 6 3/4" long. Shipping weight 3 lbs.

**H9907—List Price each \$3.75. Your Cost Each..... 85¢**

## "Scoville Low-Type" 4-Gang Condenser



Brass plates, cadmium plated frame, shaft diameter 1/8". Capacity .00035 mfd. Clock-wise rotation. Flat mountings. Size 3 1/2" wide, 3 1/4" high (fully opened) and 10" long. Shipping weight 6 lbs.

**H9906—List Price \$5.00. Your Cost..... 45¢**



## SKINDERVIKEN Mike Button

A highly sensitive "mike" button that can be used in many interesting experiments. Amuse your friends by attaching

it to your radio set.  
**M13485—Your Cost Each 75¢**



# Last Minute Specials

QUANTITY LIMITED



## 3 Jack Flush Plate Outlet



This Flush Plate and Three Jacks were designed for the room outlets for 3 Channel, radio in every room, Systems. Very useful for this purpose and also for antenna and ground connections and many other circuit ideas. Shpg. wt. 1 lb.

M13309—Your Cost..... **49¢**

## BELDEN Giant Arrester



An oversize porcelain arrester built big to withstand the severest lightning charge. The reliable resistor type. A quality protector at a ridiculously low price. Size 1 1/2 x 2 x 1/4". Shipping weight 8 oz.

R16751—List Price 85¢  
Our Special Price..... **15¢**  
Lots of 10. \$1.40 Lots of 25. \$1.30

## DRAKE'S Electrical Dictionary



If you have had difficulty in understanding some of the expressions used in technical magazine articles, newspapers, etc. Then you will find

that this is the book you have been looking for. It explains the meaning of complicated electrical terms in easy to understand everyday language. It is small in size and convenient to carry, so that you can always have it near you. Bound in leatherette with gold imprinted title. Shpg. wt. 2 lbs.

Y19983—Your Cost..... **75¢**

## VICTOR Speaker Plug

Used on the Victor speaker, for Set Models R-32, RE-45, R-52, RE-75. Heavy plated contact prongs, molded in genuine Bakelite. Equipped with a metal guard. Shpg. wt. 8 oz.



W19223—Your Cost Each..... **25¢**

## PRESTO Record Maker Outfit

Records Made Instantly

This is one of the finest Portable Recording Devices made today. With it you can easily make perfect records of your own voice—radio programs, etc., in your own home and play them back immediately! This is the simplest type of Recorder made and makes perfect records on aluminum. IT DOES NOT USE PREGROOVED RECORDS but uses the cheaper ungrooved type. It comes to you complete with a powerful recording motor, record cutting head, feed-screw, play-back pick-up, hand microphone, and all necessary adapters for attaching to a radio receiver, amplifier, etc. Beautiful grained leatherette covered carrying case Shpg. wt. 40 lbs.



Y19880—List Price \$85.00  
Your Cost..... **\$22.50**

## Indoor Aerial Wire



The most efficient type of indoor aerial wire made. Special flat tinsel strips offer a much greater surface than does ordinary round wire. Covered with closely woven, tan colored, cotton braid. Small in diameter and used by many A. C. D. C. receiver manufacturers as standard equipment.

Q16167—100 ft. roll. Shpg. wt. 1 lb. **15¢**  
Q16169—1000 ft. roll. Shpg. wt. 8 lbs. **\$1.25**  
Q16170—6000 ft. spool. Shpg. wt. 6 lbs. **\$6.00**  
Your Cost.....

## Bakelite Washers



Genuine brown bakelite 1/4" thick. Think of how many times an insulating washer like this would have come in handy. Then order a supply. Two sizes—1 1/4" diameter and 1/2" diameter.

P15028—Large size  
P15029—Small size  
Per Doz, Either Size..... **3¢**

## Two Button Carbon Microphone



An outstandingly big value in a two-button carbon microphone. The largest microphone made of the finest materials you have ever thought possible at such a low price. It is BIG—3 1/4" in diameter and 2" thick. Frequency response is exceptionally good. Two standard 200 ohm buttons and pure gold spot diaphragm. Finished in highly polished chromium plate. You must see and hear this microphone in order to appreciate its real value. Shpg. wt. 4 lbs.

M13384—Your Cost..... **\$4.95**

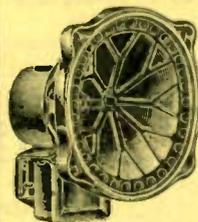
## CONNECTICUT Floor Stand Mike



A real professional appearing microphone with an adjustable floor stand that can be extended from 48 to 64". Reproduction is surprisingly clear and life-like. Has a built-in on and off-switch, so that it can be turned on between selections in radio program to make your own announcements. Can easily be attached to any radio set. Also ideal for amateur use. Shpg. wt. 8 lbs.

M13433—Your Cost..... **\$4.50**

## Magnavox Speaker Specials!



A very fortunate purchase of these especially fine speakers made by Magnavox, enables us to offer them to you at these exceptionally LOW PRICES. Cone diameter is 10" speaker is equipped with various transformers as listed below. These popular models have given great satisfaction in thousands of installations and we do not expect our stock to last long, so get in your order early to avoid disappointment. Shpg. wt. 10 lbs.

Stock No.	Field	Transformer
W19309	650 Ohms	Push-Pull 47's
W19310	2,500 Ohms	Push-Pull 46's
W19311	7,500 Ohms	Push-Pull 46's

Your Cost  
Either Type  
W19312—Similar to above but with 9" cone, 2,500 ohm field and Push-Pull 45 transformer  
Your Cost..... **\$4.25**  
**\$3.75**

## A. K. Cone Unit

A very powerful adjustable cone unit made by At-water Kent. Can be fitted into many other makes of speakers if desired. Can also be used as a driving unit for sound operated displays such as dancing dolls, etc. Shpg. wt. 1 lb.



W19227—Your Cost..... **75¢**

## Bakelite Terminal Plates



Genuine brown bakelite 1/4" thick. Drilled for terminals. Two sizes—2x2 1/2" and 2x1/2x3 1/4". Shpg. wt. 2 lb.

P15008—Small size  
Your Cost..... **2¢**  
P15009—Large size  
Your Cost..... **3¢**  
Per Dozen, assorted..... **20¢**

## KOLSTER-BRANDES Power Transformers



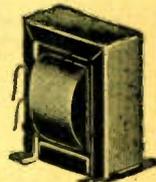
for Models  
K-43,  
K-48,  
B-15  
B-16

Supplies filament and plate current for the following tubes: 3-24's, 2-27's, 2-45's (or 2-71A's), and 1-80. 50 to 60 cycle Kolster No. 2865. Shpg. wt. 9 lbs.

C7051—Your Cost..... **\$4.70**

## THORDARSON Audio Transformers and Filter Choke

Genuine Thordarson Products. The audio Transformer is a very husky job, ratio 4 to 1, primary 1100 ohms. D. C. resistance, secondary 10,000 ohms. D. C. resistance. Unshielded. Has mounting brackets. Size 3 1/4 x 2 1/2 x 2 1/4". Mounting centers, 1 1/2 x 2". Shipping weight 3 lbs.



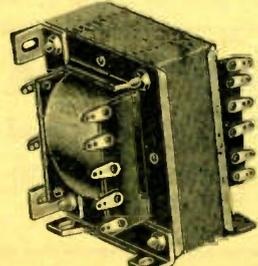
C2400—Your Cost..... **65¢**

## 30 Henry—75 MA. Filter Choke

For Power Amplifiers using either P. P. 245 or 247 tubes. Unshielded, has mounting brackets. 30 Henry, 75 M. A., D. C. resistance 350 ohms. Size 3 1/4 x 2 1/2 x 2 1/4". Mounting centers, 1 1/2 x 2". Shipping weight 3 lbs.

C2401—Your Cost..... **65¢**

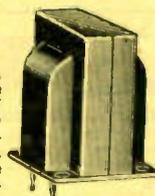
## LOFTIN-WHITE Amplifier Power Transformer



Designed for Loftin-White Power Amplifiers. Supplies filament and plate voltage for 227, 224, 245 and 280 tubes. Can also be used as a replacement in receivers. Size 4 1/4 x 4 1/4" high. Primary 110-120 volt, 50-60 cycle. 900 volts, 40 M. A., 5 volts, 2 amps, 2 1/2 volts, 5.5 amps. C. T. 2 1/2 volts at 3.5 amps. Shipping weight 9 lbs.

C2427—Your Cost..... **\$2.25**

## 25 Henry Filter Choke



Sturdily built, shielded, choke capable of handling 50 mills. Inductance 25 henries. D. C. resistance 1350 ohms. Excellent value. Shpg. wt. 2 lbs.

C1736—Your Cost..... **65¢**



# LAST MINUTE SPECIALS

QUANTITY LIMITED



## Very Special!

### 10 Tube Power Transformer 115 Volt - 60 Cycle

An exceptionally well made Power Transformer for 10 tube receivers. Will supply filament and plate voltages for the following: seven 2.5 volt heater tubes; a separate winding for two 2.5 volt power tubes (either 45's or 47's) and one 280 Rectifier. Flush mounting type, size 2 1/4 x 4 3/4". Shpg. wt. 8 lbs. **\$1.75**

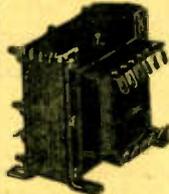
**C1702—Your Cost Each.....**

### PILOT Resistograd 200 Ohms to 30 Meg.



A variable non-inductive resistor that can be used as a grid leak—volume control—or wherever a wide range variable resistor is required. Complete with knob. Single hole mounting. Resistance material is of a special non-packing type unaffected by moisture and temperature changes. **19¢**

**H10228—Your Cost.....**



### Base Mounting Push-Ull 250 Power Transformer

Will supply filament current for six 2.5 volts—two 2.5 volts—two 250—two 281 tubes, and 500 volts at 50 M. A. plate. Shpg. wt. 14 lbs. **\$2.75**

**C2531—110 volts 60 cycle  
Your Cost.....**



Model 242

## Genuine CROSLEY Dynamic Speakers

The Crosley Speaker is known for its pure, clear tone and its ability to handle large volume without distortion. Our stock of these speakers consists of four models in two types. Output transformers are generously proportioned and the workmanship is up to the usual high Crosley standard. Type H Model 242 Dynacoll Speaker in modernized cabinet has 8" Burtex Cone mounted on a 9 1/2" square baffle 60 ml. 800 ohm field. Output transformer for push-pull 171A, 245 or tubes of similar plate impedance. Shpg. wt. 18 lbs. **\$2.75**

**W19396—Your Cost.....**

Same as above, but without cabinet and with 700 ohm field. Shpg. wt. 18 lbs. **\$2.25**

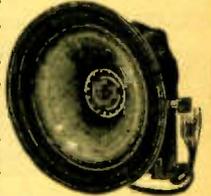
**W19397—Your Cost.....**

Type 243 is an 11" Speaker with special Burtex Cone, output transformer for one 47 or similar impedance tube. Field resistance 900 ohms. Shpg. wt. 22 lbs. **\$2.75**

**W19398—Your Cost.....**

Type 241 same size and identical in appearance to the above but has 85 ohm field and output transformer for push-pull 171A, 245 or tubes of similar plate impedance. Shpg. wt. 18 lbs. **\$2.75**

**W19390—Your Cost.....**



Model 243

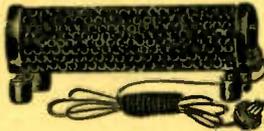


### Echotron 200A

Here is a tube that is hard to get and it will pay you to keep a quantity on hand. At this very low price you can easily afford to do so. Shpg. wt. 1 lb. **39¢**

**V19113—Your Cost.....**

### Voltage Reducer



This Voltage Reducer has a resistance of 280 ohms and will carry about 1/2 ampere. May be used with most D. C. sets that employ tubes drawing 1/2 to 1/4 ampere from the line. Originally intended to run 110 volt sets on 220 volt lines. Complete with finely finished ventilated housing and cord and plug. Shpg. wt. 1 lb. **75¢**

**R16954—Your Cost.....**

### S-H "A" and "B" Power Control



This is a very reliable "A" and "B" Power Control. Recommended to every user of a set employing a storage battery. Unfailing and dependable. Will keep your battery charged and ready at all times. For the older style automobile sets this control can be used to throw on the "B" converter unit automatically whenever the set is switched on. Shpg. wt. 4 lbs. **39¢**

**P15693—Your Cost.....**

### No Twist Cord Spring



This handy little spring prevents the twisting and tangling of telephone, iron and other electrical cords. Very easily installed and saves a lot of unnecessary annoyance. Shpg. wt. 1 lb. **15¢**

**Q16059—Your Cost.....**



### Photo-Electric Cells

Type UX867 for use in talking movie equipment, light intensity measurement, or for operating relays. Operates with 200 volts on the plate. **1.95**

**V19125—List \$37.50  
Your Cost, Special**

are long lived. Types S14 and G10 have medium base. Type S4 1/2 has a candelabra base. Consult listing below.



### Neon Glow Lamps



These lamps are economical to operate and

Watts	Bulb	Operating Current	Watt Each
3/4	S4 1/2	A. C.-D. C.	\$0.36
1 1/2	G10	A. C. only	.36
1	G10	A. C.-D. C.	.36
2	S14	A. C.-D. C.	.45
Stock No.	Type	Watt	Each
W12264	S4 1/2	3/4	.36
W12265	G10	1 1/2	.36
W12266	G10	1	.36
W12267	S14	2	.45

### Rods and Tubing



M13160—Hard Rubber Rod	
1/2" per ft.	\$0.29
3/4" per ft.	.45
1" per ft.	.45
1 1/2" per ft.	.58
M13161—Bakelite Tubing	
1/2" per ft.	\$0.12
3/4" per ft.	.12
1" per ft.	.18
M13162—Natural Bakelite Tubing	
1 1/2" per ft.	.29

## RCA-VICTOR

Remote Control  
Details on **\$12.50**  
Pages **36, 56**

### Polarized Armored Connector



Heavily armored male and female plugs. Clamp securely to cable. Polarized; can be connected in one position only. Shpg. wt. 1 lb. **25¢**

**M13230—Male Plug  
Your Cost.....**

**M13231—Female Plug  
Your Cost..... 39¢**

### General Electric Twin Tap



This General Electric Bakelite Twin Tap, provides one additional outlet from a single convenience outlet. Rating of 15 amperes at 125 volts; **6¢**

**M13313—Your Cost Each.....**

10 amperes at 250 volts. **6¢**

12 For..... **60¢**

### C.R.L. Volume Controls



Specials These "Specials" C.R.L. volume controls can be used in many of the commercial receivers. **19¢**

**H9697—5000 Ohms Radiohm.  
H9699—75,000 Ohms Pot.  
Your Cost Each.....**

Dual Volume Control—5000 ohms wire wound and 15,000 carbon strip. **19¢**

**H9696—Your Cost Each.....**

### Heavy Duty Rheostat



This is a heavy duty Rheostat made by DeJur. Is adaptable for many uses among which are for controlling electrical apparatus, also for use in circuits having a very heavy amperage drain. The form is of moulded Bakelite. Rheostat has a 3 1/2 ohm winding of the highest grade resistance wire, and has a maximum carrying capacity of 3 amperes. Shipping weight 1 lb. **39¢**

**H9708—Your Cost Each.....**



M13274—  
Your Cost.....

### Trouble Lamp

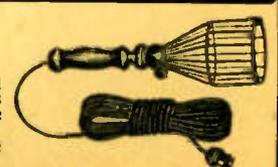
Equally useful to the radio serviceman and the automobile mechanic. Extra heavy, made for hard knocks and long life. Complete with 12 feet of extra durable heavy rubber covered lamp cord. Shpg. wt. 3 lbs. **75¢**

### SPECIAL! Trouble Lamp

Complete with 12 ft. rubber cord and plug. Switch at socket. Shpg. wt. 3 lbs. **50¢**

**M13271—Your Cost.....**

**M13272—With 20 ft. cord  
Your Cost..... 65¢**



# LAST MINUTE SPECIALS

QUANTITY LIMITED

**Detector Plate Choke**



Crosley part No. 3490. Used in Crosley A. C. power unit for model A. C. 7 receivers. 7000 ohms D. C. resistance, 100 henries. Size 2 3/4" long, 1 1/4" wide, 2 1/4" high. Shipping weight 2 lbs.  
**C1873—Your Cost Each 75¢**

**Crosley Plate Choke**

Crosley part No. 3325. Used in plate choke assembly in A. C. supply unit of Model A. C. 7 receivers. 1800 ohms D. C. resistance. Size 2 3/4" long, 1 1/4" wide, 2 1/4" high. Shipping weight 2 lbs.  
**C1874—Your Cost Each 75¢**

**P. P. Input and P. P. Output Choke for Model 804**

Crosley replacement part No. 5670, push-pull input and push-pull output choke in one container. This is an exact duplicate of the original part. Shipping weight 3 lbs.  
**C1847—Your Cost \$2.45**

**MAJESTIC Push-Pull Input and Output Transformer**



These transformers Majestic Input No. 1551 and Output No. 1552 were used in the Majestic 90B Receiver.

They work from a triode into a pair of 45 tubes in push-pull, and from a pair of 45s in push-pull to the voice coil of a dynamic speaker. These are a very high grade of Audio Transformers and will give excellent results. Shpg. wt. 4 lbs.  
**C2094—Input No. 1551 90¢ Your Cost**  
**C2095—Output No. 1552 75¢ Your Cost**

**General Purpose Push-Pull Output Transformer**



A heavily waxed, weatherproofed, push-pull output transformer suitable for use on any type of receiver or amplifier employing 71A, 45, 50, etc., tubes. High impedance output is suitable for magnetic speaker or any high impedance input device. Mounting brackets and 5" leads. Shpg. wt. 3 lbs.  
**C2530—Your Cost 29¢**

**Step Down Transformer**



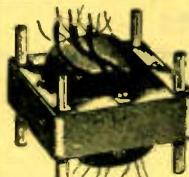
110 V. Pri.—20 V. Sec. Can be used for many purposes, as is or with suitable rheostat to reduce voltage. Shpg. wt. 4 lbs.  
**C2381—Your Cost 45¢**

**RCA Automatic Remote Control**

**VICTOR \$12.50**  
 Page 35, 56

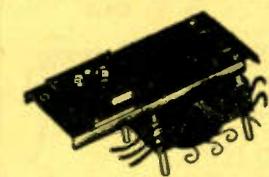
## CROSLY Transformers and Chokes

**For Model AC-7**



Crosley part No. 3315. 5-99s, 1-12A and Raytheon rectifier. Size 3 1/4"x3x3 1/4". Shpg. wt. 5 lbs.  
**C1890—Your Cost Each \$1.10**

### For Power Converters 104, 105, 106 Bandbox



Crosley part No. 4682. Consists of Power Transformer and Panel. Has female 10 lead connection and fuse clips. Brown crystalline finish. Size 4 1/4"x8 1/2"x3 1/4" deep. Shipping weight 8 lbs.  
**C1882—Your Cost Each \$1.25**

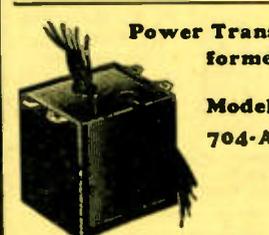
**For Model 608**



Crosley part No. 5145. 3-26s, 1-27, 1-71A and 1-80. Size 3 1/4"x2 1/4"x3 1/4" high. Shipping weight 5 lbs.  
**C1884—Your Cost Each \$1.45**

Crosley part No. 5160. Same as above except for 25 cycle current. Shipping weight 6 lbs.  
**C1885—Your Cost Each \$1.75**

**Power Transformer Model 704-A**



Crosley part No. 4905. Shielded in metal case. May also be used in other sets using 4-26s; 1-27; 2-71A's; 1-80. Size, 4x4 1/2"x4 1/4" high. Shipping weight 9 lbs.  
**C1886—Your Cost Each \$1.95**

**Model 704**

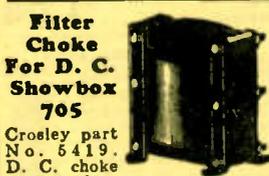
Crosley part No. 4715-4816. Identical in appearance with above transformer. 4-26s, 1-27, 1-71A and 1-80. Size 4 1/2"x4x4 1/4" high. Shipping weight 10 lbs.  
**C1887—Your Cost Each \$1.95**

**30 H Filter Choke Models 41-A 42 and 804 Jewel box**



Crosley part No. 4935. Used as filter choke in above sets or other sets requiring choke of 850 ohms D. C. resistance at 60 mls. Shipping weight 2 lbs.  
**C1870—Your Cost Each 29¢**

**Filter Choke For D. C. Showbox 705**



Crosley part No. 5419. D. C. choke of 150 ohms D. C. resistance. Size 3 1/4"x2 1/2"x3 1/4" high. Shipping weight 5 lbs.  
**C1871—Your Cost 75¢**

### 1st Stage Audio and P. P. Input Transformer Assembly For Models 41-A, 42, 704, 706

An exact duplicate of the original Crosley replacement part No. 5315. Consisting of 1st Stage Audio Transformer and P. P. Input Transformer. Brown lacquer finish, equipped with spade bolts, ready for mounting, fits the chassis mounting holes. Hook-up diagram furnished with each unit. Size 2 1/2"x1 1/2"x4 1/4". Shipping weight 3 lbs.  
**C1892—Your Cost \$2.25**

**Double Audio for Model 608**

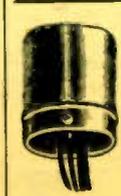
Identical in appearance to above. Crosley part No. 5125. Genuine replacement. Two transformers in one can. Shipping weight 3 lbs.  
**C1880—Your Cost Each \$1.59**

**P. P. Input Transformer Models 60-S, 61-S, 62-S, 63-S**



Crosley part No. 7167. Push-Pull Input Transformer for the above receivers. Has two separate secondary windings. Genuine replacement. Shipping weight 2 lbs.  
**C1848—Your Cost \$1.25**

**Audio for Bandbox Jr. Crosley part No. 4060. Original Audio used in Bandbox Jr., 401, 401A, 601, 704 and 704A. Natural aluminum case. Size 2 1/4"x1 1/2"x2 1/4" high. Shipping weight 2 lbs.**



lbs.  
**C1879—Your Cost Each 35¢**

## RCA RADIOLA AUDIO TRANSFORMER

For Models RR, RX, R3, R3A, R4, R7B, R9, R20 and R30A, Part No. 557-2182



The genuine replacement audio transformer to be used in the first or second stage of any battery, D. C. or A. C. receiver. Universal mounting. Ratio 3:1. Primary 100 ohms, secondary 5500 ohms, D. C. resistance. Size 3 1/4"x1 1/4". Shipping weight 2 lbs.  
**C2006—Your Cost Each 29¢**  
 Per Dozen.....\$3.25

### Output Transformer



RCA part No. 5899. Used in the 106 A. C. and Speaker and in the 41 A. C. and D. C. sets. A high quality job that is beginning to be very scarce. May be used also wherever a good output transformer is desired. Contains two .1 condensers that may be used as a line noise eliminator. Shpg. wt. 3 lbs.  
**C2500—Your Cost 45¢**

### Audio Transformer



This Audio Transformer RCA part No. 747 was originally used in the Uni-Rectron Power Amplifier. It is a very fine job about 3 1/2:1 ratio thoroughly impregnated with terminal board and mounting legs. Shpg. wt. 4 lbs.  
**C2502—Your Cost 50¢**  
 Similar to the above but single Output Transformer.  
**C2506—Your Cost Each 49¢**

### Transformer for Speaker Field Supply



This Transformer RCA part No. RT109 was used on some of the 106 speakers to supply the plate and filament voltages to a 280 tube for exciting the field. Will supply about 40 mls at 200 volts and is therefore fitted for building small B supplies and field supplies for high ohmage speaker fields. Shpg. wt. 5 lbs.  
**C2503—Your Cost 45¢**

### Filament Transformer



RCA part No. 7134 has 110-120 V. primary and secondary to run three or four 2 1/2 volt tube filaments. Valuable in building short wave converters, etc. Shpg. wt. 5 lbs.  
**C2501—Your Cost 65¢**

We Will Not Knowingly Be Undersold

# Bargains

**QUANTITY LIMITED**

## Trutest I. F. Transformer



High gain I. F. transformer tunable between 165-185 Kc. Made to peak at 175 Kc. For use with 55 duo-diode or with Wunderlich tubes. Fully shielded in a round polished aluminum can. Peaking condensers adjusted from top of can. This unit is an exceptionally good buy at this low price. It was made to sell for a great deal more but we have too many on hand and need the room.

Shpg. wt. 1 lb.  
**H10117—Your Cost..... 79¢**



## Panel Mount Midget Dial

A new tuning dial with vernier control. Made especially for use with the present-day A. C.-D. C. set. Makes it possible to convert various midgets from direct to vernier control. Ideal for use by the midget set builder. Attractively finished in dull bronze. Mounts directly on front of panel.

**H9818—Your Cost Each ..... 75¢**

## C R L Volume Control



Crosley part No. 6598. Special Volume Control for Model 71-A 25000 and 15000 ohms.

**C1868—Your Cost... 15¢**

## CARTER No. 2 Jack Switch



Single circuit jack switch. Complete with knob and plate.

**F6287—Your Cost Each ..... 19¢**  
 6 for \$1.25.

## CARTER Jacks



Never before have these well known Jack Switches sold at anything like our new low price. Just another example of how "Wholesale" saves you money. Type 101. One spring. Open Circuit.

**F6280—Your Cost Each ..... 5¢**

Type 102A. Two springs, breaks one circuit and breaks another when plug is inserted.

**F6281—Your Cost Each ..... 5¢**

Type 103. Three springs; two open circuits closed when plug inserted. Fil. control.

**F6282—Your Cost Each ..... 5¢**

Type 104. Four springs. Two circuits broken when plug is inserted; makes another.

**F6283—Your Cost Each ..... 5¢**

Type 105. Five springs. Makes two circuits; breaks two when plug is inserted.

**F6284—Your Cost Each ..... 5¢**  
 Dozen, any Type..... 50¢

## RCA VICTOR R. F. Coils & Chokes

### VICTOR Antenna Choke

Models R32, RE45, R52, RE75

Replacement part No. 10444, for the above models. Consists of 150 turns of No. 34 wire, wound on a wooden spool.

**H10122—Your Cost Each ..... 10¢**  
**Per Dozen ..... \$1.00**

### Preselector Coil

This coil consists of three windings on one Bakelite tube. Has antenna primary and two loosely coupled secondaries. Used on Radiola Models 80, 82, 86 and the corresponding General Electric, Westinghouse and Graybar Models. Shpg. wt. 2 lbs.

**H10130—Your Cost... 25¢**

### Radio Frequency Transformers

These are the large R. F. Coils used in the Radiola 42, 48 and similar sets. No. 7112 is the Antenna Coil and No. 7113 is the R. F. Coil. For replacement or for set builders there is no finer coil made for use with screen grid tubes.

Shpg. wt. 1 lb.  
**H10128—RCA Part No. 7112. Ant. Coil Your Cost ..... 25¢**  
**H10129—RCA Part No. 7113. R. F. Coil Your Cost ..... 25¢**

### Choke Coil

RCA part No. 2739 is a high impedance plate choke to be used in the detector plate circuit of the second detector of the Radiola 80 series. Useful in any Superheterodyne where a good filter is needed preceding the audio system, or any place else where an efficient high impedance R. F. Choke is essential.

**H10124—Your Cost... 15¢**

### R. F. Coil Assembly

For Radiola Models 17, 18, 33, 41, 50, 51, 60, 62 and 64. Consists of Antenna and 2 R. F. coils with R. F. chokes, trimmer condensers and R. F. by-pass condensers mounted on metal terminal strip. Coils are 1 1/2 x 1 1/4". Some have Isolantite trimmer condensers. Shipping weight 1 lb.

For Models 17 and 50.  
**H10016—RCA No. 8293.**

For Models 18 and 51.  
**H10017—RCA No. 8318. Your Cost Either Type..... 95¢**

For Models 60-62-64.  
**H10018—RCA 8341. \$1.75**  
**Your Cost Each... \$1.75**

### R. F. Coil

The original RCA part No. 8470. This coil is used as the second or third R. F. Coil in the Radiolas 44, 46 A. C. and 47. Complete with bracket and low frequency primary. A good coil for the set builder. Very efficient. Shpg. wt. 1 lb.

**H10127—Your Cost... 25¢**

### R. F. Coil

This Coil RCA Part No. 2956 is used in the R5, has a movable secondary for controlling the detector regeneration. It is used to couple a screen grid tube to a screen grid detector. Complete with by-pass condenser. A fine coil.

**H10126—Your Cost... 45¢**

### R. F. Plate Coil

RCA Part No. 2738 used in the R. F. plate circuit of the first tube in the Radiola 80 series sets. Useful to the set builder for general broadcast choke use.

**H10125—Your Cost... 10¢**

### Detector Plate Filter

This RCA Part No. 7115 is an extremely good radio frequency choke and condenser arrangement consisting of two choke coils and two condensers. One of the most efficient filters made for keeping radio frequency out of the audio system. Useful in building any set.

**C2505—Your Cost... 35¢**

### R. F. Coil for RCA-Victor Model R-43

Part No. 7261. Consists of a choke coil primary, enamel wound secondary and mounting bracket. Size 2 3/4 x 1 1/4".

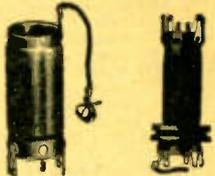
**H10108—Your Cost ..... 55¢**

### RCA Intermediate Transformers

RCA Part No. 8565. This is the second intermediate transformer for the Radiola 80, 82, 86 series sets. It is the same as the third transformer except for the length of the leads so it may be used in both positions, also an excellent intermediate for the general set builder. Completely shielded in round metal can with removable top. Shpg. wt. 2 lbs.

**C2504—Your Cost..... 65¢**

## CROSLLEY Coils

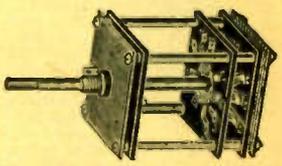


These Coils are the genuine Crosley replacement antenna and R. F. parts. They also can be used for other sets. Ideal for the new set builder.

### YOUR CHOICE OF ANY OF THE FOLLOWING 10¢ COILS, EACH.....

- Shipping weight, any coil, 1 lb.
- MODELS 20, 21 AND 22**
- C1855—R. F. Coil No. 6435**
- MODEL 804 JEWEL BOX**
- C1858—R. F. Coil No. 5762**
- MODELS 53, 54, 57, 77 AND 91**
- C1862—Antenna Coil No. 20444**
- MODEL 401 BANDBOX JR.**
- C1861—Antenna or R. F. Coil No. 4201**
- MOEELS 602, 704, 704A, 704B**
- C1860—R. F. Coil No. 4365**
- MODELS 609 & 610 GEMBOX**
- C1864—R. F. Coil No. 5872**

## Short Wave Change-Over Switch



One of the finest short-wave change-over switches made. Consists of three sections: First and second sections have a common double pole to four positions; rear unit is single pole, four positions. Double contact, positive action. Pole contacts are insulated from shaft. Size 3x2", 2" shaft over all. Shipping weight 1 lb.

**E6466—Your Cost Special ..... 39¢**

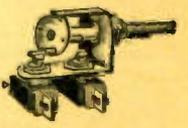
## HART & HAGEMAN Rotary Snap Switch



Switch will stand 250 volts at 3 amps.

**M12819—Your Cost Each ..... 12¢**  
 In Lots of 10. \$1.00

## H. & H. Dual Switch



For Time Delay; Radio-Phono, and Long-Short Antenna change-over.

Two toggle switches mounted on a bracket, front unit is single circuit, 125 volts, 3 amps.; rear unit is an s. p. d. t., 3 amp., 125 volts for long-short Antenna or phono-radio change-over. Operated by a 1 1/4" shaft. First 1/4 turn, the front unit is thrown in circuit, and rear unit makes contact with one pole; next 1/4 turn, rear unit is thrown on opposite pole. Shipping weight 8 ozs.

**M12823—Your Cost Each ..... 49¢**



# Last Minute Specials

QUANTITY LIMITED



## Filter and By-Pass Condensers

For RCA Models 17-50-60-62-64  
Part No. 5681: two 1/2 mfd.

**B481—Your Cost..... 25¢**

For RCA Model 41 A. C.  
Part No. 5664: One 1/2 mfd.

**B484—Your Cost..... 20¢**

For RCA Models 44-46-47  
Part No. 6002: One 1/4 mfd. One 3/4 mfd.

**B485—Your Cost..... 35¢**

Part No. 6003: Three .1 mfd.

**B486—Your Cost..... 23¢**

RCA Model 33 A. C.  
Part No. 5996: One .5 mfd. Three .1 mfd.

**B522—Your Cost Each... 29¢**

RCA Model 18 and 51  
Part No. 2241: Four 1/2 mfd.

**B483—Your Cost Each..... 35¢**  
Shipping Weight 1 lb.

Models R-50, R-55, RE-20, RAE-59 and RAE-79

Part No. 7285, comprising one .1 mfd., one .5 mfd., two .1 mfd., 6 leads. Shipping weight 2 lbs.

**B530—List Price \$3.50 \$ 1.25**  
Your Cost.....

Part No. 7286, similar in appearance to above, comprising one .1 mfd., one .5 mfd., three .1 mfd. All have separate common leads. 10 leads. Shipping weight 3 lbs.

**B529—List Price \$4.50 \$ 1.75**  
Your Cost.....

## Grebe SK-4 By-Pass No. SG-217

This is an exact duplicate of the original By-pass Condenser. Contains two .1 mfd. at 400 volts.

**B695—Your Cost..... 55¢**

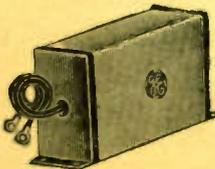
## G. E. 3 Mfd. 600 Volts Victor

RE-45—RE-75

The official replacement part No. DL 2961390. Metal container. Size 2 1/4 x 5 x 3/4". Mounting bracket. Flexible leads. Shipping weight 2 lbs.

**B487—Your Cost..... 35¢**

## G. E. Condenser 4 1/2 Mfd. 800 Volts

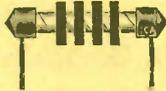


Genuine G. E. Filter Condenser for amplifiers and P. A. systems. Metal container. Size 5 1/4 x 1 1/2 x 2 3/8" high. Flexible insulated leads. Shipping weight 3 lbs.

**B477—List \$4.00 Your Cost Special..... 35¢**

## I. C. A. Radio Products

### R. F. Choke Coil



This is a very efficient choke for high frequency receivers. Its characteristics are 60 ohms D. C. resistance, distributed capacity 1 mmd. Inductance 2 1/2 M. H. Capacity 125 milliamperes. Shpg. wt. 1 lb.

**M10123—Your Cost..... 40¢**

### 3 Way Microphone Plug



Molded of genuine bakelite with solid brass metal parts. For use with 2 button mike. Shpg. wt. 1 lb.

**M13353—Your Cost..... 73¢**

### 3 Way Microphone Jack



Made to take the above plug. Has a high insulation factor. Fits panels up to 3/8" thick. Shpg. wt. 1 lb.

**M13352—Your Cost..... 44¢**

### Open and Closed Circuit Single Jacks



These jacks fit in the smallest possible space. They are well insulated with bakelite washers.

**L12651—Closed Circuit. L12652—Open Circuit. Your Cost Either Typ. 15¢**

### Fuse Clips



Punched out of copper and nickel plated. Has many uses.

**L12377—Your Cost Each 3¢**  
25 For..... 65¢

### Audio Transformer



Here is a very fine audio transformer. Ratio about 3 to 1 both primary and secondary are very high impedance and are wound on a 1" square core. Made by Thordarson. A real buy in a replacement transformer or it may be used in building that new circuit. Fine appearance. Has a complete shield in cadmium and black. Recommended and guaranteed. Shpg. wt. 3 lbs.

**C1914—Your Cost..... 39¢**

### Filter Capacitor

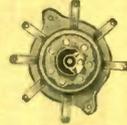


RCA Part No. 6093 was used in some of the older model Radiola sets. It consists of two 2 mfd. high working voltage condensers in a can adaptable for almost any method of mounting 12" leads. Shpg. wt. 3 lbs.

**B527—Your Cost..... 25¢**

### Bakelite and Insulex Radio Tube Sockets

These sockets have heavy bronze nickel-plated springs to insure positive contact. Good for base or subpanel mounting.



Shpg. wt. 1 lb.

**M13100—4 Prong..... 15¢**

**Your Cost..... 15¢**

**M13101—5 Prong..... 15¢**

**Your Cost..... 20¢**

**M13102—6 Prong..... 20¢**

**Your Cost..... 20¢**

**M13103—7 Prong Large..... 20¢**

**Your Cost..... 20¢**

**M13104—7 Prong Small..... 20¢**

**Your Cost.....**

Same as above but base is made of non-hygroscopic insulite.

**M13105—4 Prong..... 29¢**

**Your Cost..... 29¢**

**M13106—5 Prong..... 29¢**

**Your Cost..... 32¢**

**M13107—6 Prong..... 32¢**

**Your Cost..... 32¢**

**M13108—7 Prong Large..... 32¢**

**Your Cost..... 32¢**

**M13109—7 Prong Small..... 32¢**

**Your Cost.....**

### Transposition Blocks and Aerial Spreaders



Transposition blocks are necessary where it is desired to minimize the noise picked up by the receiving antenna. Guaranteed to resist long exposure to the weather. Shpg. wt. 2 lbs.

**R17095—Kit of 10. Your Cost..... \$1.37**

**Your Cost.....**

These insulex aerial spreaders will insure that your antenna losses will be reduced to a minimum when you build a cage aerial with these spreaders.

**R17096—Kit of ten. Your Cost..... \$1.37**

**Your Cost.....**

### Kolster 15 Conductor, 50 Ft. Stranded Cable



Shielded cable. Each conductor 7 strand, flexible rubber braid covered. Tinned ends. Color coded leads. Ideal

for Public Address and Power Amplifier systems. Shipping weight 10 lbs.

**Q16097—Your Cost Special. \$1.95**

### Cable

Here is a cable that has a great variety of uses. It is a three conductor cable with cotton covering over heavy rubber insulation. A heavy woven covering is overall. May be used for 2 button microphone. 8 ft. long tinned ends. Shpg. wt. 1 lb.



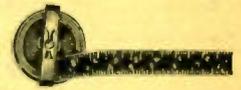
**Q16138—Your Cost..... 15¢**

## High Grade Swiss Compass



A precision compass, with jeweled bearings, originally made for use as a surveying instrument. Radio and electrical experimenters will find this a handy instrument for determining polarity of magnet poles—direction of current flow—and for use as a galvanometer by winding a few turns of wire around the face and rear of the case. Complete with hardwood case. 4x4x 1 1/2". Shpg. wt. 4 lbs. **\$3.75**

## Retracting Pocket Rule



6 ft., unbreakable spring steel. Pressure on clips causes rule to uncoil automatically; its slightly cupped shape holds rule straight at any angle. Graduated in 1/4" and centimeters. Shpg. wt. 8 oz. **\$3.50**

## Baby Shockless Screw Driver



Made with a special handle, 2" long, which gives a perfect grip and complete protection against electrical shock. Blade of tempered steel cannot loosen or turn in the handle. Each screwdriver has a clip for holding it to the pocket. Shipping weight 2 lbs.

**P15058—Complete card of four 1 1/2" screwdrivers; four 2" screwdrivers; four 3" screwdrivers. Your Cost..... 85¢**

**Card of 12..... 25¢**

**P15057—Set of 3: 1 of each. Your Cost Per Set of 3..... 25¢**

## Special Analyzer Binding Post



Something entirely new in the Analyzer accessory line. A combination binding post and phone tip jack. Has a non-removable composition top with tip jack in the center. Mounts with a single bolt. Supplied in the following colors: Red, Black, Yellow, Green, Blue and Purple. Specify color when ordering.

**M13053—Your Cost Each..... 8¢**

## Analyzer Knob



Polished black Bakelite Knob, used mostly on Analyzers. Has white indicator line.

**M13054—Your Cost Each..... 13¢**



# Last Minute Specials

QUANTITY LIMITED



## GENERAL MOTORS Voltage Dividers Model M. A. Little General



Original replacement voltage dividers for above receiver. 46000 ohms, tapped at 25000-15000 and 6000.

X20525—  
Your Cost Each..... **45<sup>c</sup>**

2265000 ohms, tapped at 2 meg.—  
250000 and 15000 ohms.

X20526—  
Your Cost Each..... **45<sup>c</sup>**

## STEINITE Voltage Dividers



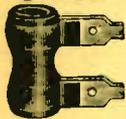
Replacement dividers and resistor for Steinite receivers. 11900 ohms, tapped at 5000-5000 and 1900 ohms. 50 watt, 4" long.

X20645—Your Cost Each. **29<sup>c</sup>**  
Per Dozen..... **\$3.00**

450 ohm Resistor, 75 watt rating, 6" long, 1/2" diam.

X20646—Your Cost Each. **35<sup>c</sup>**  
Per Dozen..... **\$3.95**

## 5 Watt Wire Wound Resistors



This is a fine resistor made by Aerovox. Resistance is 1000 ohms and it will come in very handy in servicing. A good biasing resistor for the smaller power tubes.

5 Watt, 1000 Ohm.  
E4995—Your Cost Each. **10<sup>c</sup>**  
Per Dozen..... **\$1.00**

## RADIOLA Volume Control Strips



For the serviceman that wishes to repair the old volume control by installing a new resistance strip in place of the defective one. For Models 18, 33, and 51. You will observe that all the values listed are useful for biasing purposes as they come in the general bias range.

G7670—2000 ohms.  
For Models 44, 46, 47, 64.

G7671—3000 ohms.  
For Models 60 and 62.

G7672—450 ohms.  
For Model 66.

G7673—550 ohms.  
For Model 64.

G7674—1250 ohms.  
Your Cost Each..... **24<sup>c</sup>**

In Dozen Lots..... **\$2.50**

## By-Pass Condenser .05 Mfd.



A very sturdily constructed paper condenser. Thoroughly impregnated with wax for protection against effects of moisture. Heavy tinned ribbons for connection. Metal clamp with lugs for mounting. Shpg. wt. 8 ozs.

D3224—.05 mfd. by-pass  
Your Cost..... **10<sup>c</sup>**

## DRY ELECTROLYTIC CONDENSER BARGAINS!

Never Before!—Never Again!  
Such Tremendous Bargains



### LOOK AT THESE PRICES

Once again Wholesale proves that it can, because of its tremendous buying power, sell the finest of merchandise at the lowest prices. A very fortunate purchase of these extraordinarily fine Electrolytic Condensers made by one of the largest manufacturers (whose name we are not permitted to mention) enables us to offer them to you at these exceptionally low prices. Each condenser is absolutely guaranteed. Conservatively rated at 450 V. Working Voltage and 500 V. Peak. Quantities are limited and of course it is needless to tell you that they will not last long, so send us your order at once. With the price rises now going on it will pay you to stock up.



INVERTED CAN			CARDBOARD		
Stock No.	Capacity	Your Cost	Stock No.	Capacity	Your Cost
D2714	4	<b>44<sup>c</sup></b>	D2718	2	<b>29<sup>c</sup></b>
D2715	8	<b>49<sup>c</sup></b>	D2719	4	<b>32<sup>c</sup></b>
D2716	4-8	<b>95<sup>c</sup></b>	D2720	6	<b>42<sup>c</sup></b>
D2717	10	<b>75<sup>c</sup></b>	D2721	8	<b>43<sup>c</sup></b>

## MERSHON ELECTROLYTIC CONDENSERS

### SPECIAL!

Peak Voltage 430 V.



Stock No.	Capacity	Your Cost	Stock No.	Capacity	Your Cost
D2700	8	<b>27<sup>c</sup></b>	D2707	8-8-8	<b>95<sup>c</sup></b>
D2704	8-8	<b>69<sup>c</sup></b>	D2709	18-9-9	<b>\$1.45</b>
D2705	5-15	<b>95<sup>c</sup></b>	D2711	8-8-18-18	<b>\$2.45</b>
D2706	5-5-5	<b>45<sup>c</sup></b>			

## RCA Capacitor Blocks

### Filter Condenser Block



The original R.C.A. Condenser Pack for Models 50 and 55. R.C.A. Part No. 8751 contains the following: two 4 mfd., two .5 mfd., and one .1 mfd. condensers, all with 600 volt rating. Pack is housed in a metal container and has color coded leads. Shpg. wt. 9 lbs.

B470—Your Cost..... **95<sup>c</sup>**

### 3 Mfd. Filter Capacitor



This Filter Capacitor RCA Part No. 10910 was used on the R-35 Series of sets on 25 cycle current. It will work any place a 280 tube can be used without breaking down. It will work right next to the rectifier plates without the protection of a choke. Shpg. wt. 3 lbs.

B472—Your Cost..... **49<sup>c</sup>**

### Radiola 42-48 Filter and Interstage Reactor



This RCA Part No. 8608 is very useful to the man who wants to couple a screen grid detector to power tubes in push pull. This pack also contains a complete filter condenser assembly of 4.6 mfd. total and By Pass condensers.

B1021—Your Cost..... **\$1.75**

### 7 Mfd. Filter Capacitor



For anyone wanting a high capacity high voltage unit, this condenser is ideal. RCA Part No. 5343. Working voltage 400. A high grade 7 mfd. condenser, at an exceptionally low price, that can be used in any type of power pack, receiver, amplifier, etc. Shpg. wt. 6 lbs.

B471—Your Cost..... **49<sup>c</sup>**

## JEFFERSON Concertone P.P. Input and Audio Transformers



A fully shielded transformer designed to amplify evenly and uniformly all the notes in the musical scale. Push-Pull Input can be used as a replacement for any standard

input transformer and is excellent for use in new receivers. Primary impedance is high and a large core with large windings provide extremely high efficiency. Size 2 3/4" x 3 1/4" high. Shpg. wt. 2 lbs. C1932—Push-Pull Input **95<sup>c</sup>**  
C1913—Straight Audio similar to above ratio 3:1 **69<sup>c</sup>**



### Carbon Resistors

A very fortunate purchase enables us to offer these reliable carbon Resistors at unbelievable low price. Only ohmages listed below, available at these bargain prices. Better order at once.

1 Watt Resistance in Ohms			
150	1000	3000	2.5 Meg.
200	1200	1 Meg.	3 Meg.
400	1500	1.5 Meg.	
500		2 Meg.	

E5100—  
Your Cost, Any Size, Each **2<sup>c</sup>**  
Per Doz..... **20c**  
Per 100..... **\$1.50**

2 Watt Resistance in Ohms			
1500	4000	30000	45000
2000	20000	35000	
3000		40000	

E5050—  
Any Size..... **5<sup>c</sup>**  
6 For..... **25c** 12 For..... **45c**

## For EDISON and SPLITDORF Receivers



This Resistor has a conservative rating of 50 watts. Exceptionally useful as a bleeder resistor or as a voltage reducer in the "B" supply. A bargain at the price.

X20492—12500 ohms  
Your Cost Each..... **15<sup>c</sup>**  
In Dozen Lots..... **\$1.50**

X20493—10000 ohms  
30 W. Rating. Cost Each. **12<sup>c</sup>**  
In Dozen Lots..... **\$1.20**

## PACENT Universal Plug

Has many uses, such as to plug in one phone or a pair of phones; one or two speakers, etc. Insulated.

M13052—  
Your Cost Each..... **19<sup>c</sup>**

# Duall SUPER RECORDER



A money-maker for those who can solicit their neighborhood stores, making advertising recordings of their products and then reproducing through a public address system to several thousand persons.

Some of the features of this Recorder are: Positive feed giving uniform spacing, no overlapping lines. Feed mechanism supplied with cutter-head for aluminum or celluloid. Cast parts attractively finished in black crackle. Other parts heavily chromium plated. Equipped with Professional Type Recorder with a perfectly balanced high impedance pick-up for play-back. Cutterhead is 15 or 500 ohms impedance. Play-back pick-up standard high impedance. Turntable and Motor Assembly mounted on a 16x16" panel of 1/8" laminated board, walnut or mahogany finish. Overall depth 10". A specially adapted motor of constant speed. 1/20 H. P. 78 R. P. M. under all load conditions is provided. Motor has more than sufficient torque for aluminum and celluloid recordings, and will not slow down on periphery of turntable. A special rim drive designed and developed which together with motor suspension makes this entire Assembly run noiseless and without vibration. Maintenance of constant speed during recording and reproduction is notable. The Standard Assembly consisting of turntable and feed mechanism is built for 80 line recording on 12" diameter records. Feed outside-in. Driving pins near center of turntable are provided for celluloid recording, and can be removed when recording on aluminum. Complete assembly, Professional Recorder, 15 or 500 ohms impedance for celluloid and a high impedance play-back pick-up. 115 volt, 50-60 cycle motor. Shipping weight 30 lbs.

**Y19889—List \$275.00. Your Cost Special ..... \$127.50**

Same equipment as above, except furnished with a Two-speed Drive Motor for 78 and 33 1/2 R. P. M. Complete. Shipping weight 34 lbs.

**Y19890—Your Cost ..... \$157.50**

## 16-Inch Turntable and Motor Assembly

For recording long continuous programs on one blank, we have developed a special 16" Turntable and Motor Assembly of the following specifications: Panel 20x20x3/4" laminated board, walnut or mahogany finish. Extra heavy 16 1/2" turntable driven by a 1/20 H. P. motor with our special rim drive, assuring constant speed. Assemblies provided with either 78 or 33 1/2 R. P. M. drives as desired. The recorder is

provided with an 80 line feed screw; inside-out or outside-in feeds are furnished. A celluloid cutting head is provided with this outfit. When ordering, specify R. P. M. and type of feed required. 15 ohm impedance cutter-head. 6000 ohm impedance play-back pick-up. Shipping weight 45 lbs.

**Y19886—Your Cost ..... \$175.00**

Same equipment as above, except furnished with a Two-speed Drive Motor for 78 and 33 1/2 R. P. M. Shipping weight 52 lbs.

**Y19888—Your Cost ..... \$199.50**

Extra feed screw for any desired number of threads. Specify whether for celluloid or aluminum. Shipping weight 3 lbs.

**Y19887—Your Cost Each ..... \$12.00**

## Double Turntable Assembly

For recording continuous radio programs, duplication of recorded programs or transcribing of records we build a Double Turntable Assembly of the following specifications: Panel 16x32x1/4" laminated board. 2 Turntable Assemblies, 2 motors, 2 recorders and 2 play-back pick-ups are provided. Each unit operates individually. Speeds of both motors are carefully adjusted so that both turntables operate with utmost uniformity. Shipping weight 68 lbs.

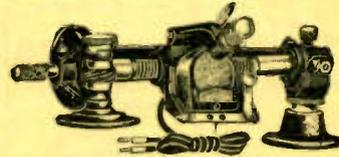
**Y19885—Your Cost ..... \$245.00**

## Overhead Feed Mechanism

### To Attach to Your Present Turntable

We offer this device for those who desire to attach this Unit to their own turntable. Has an adjustment for proper alignment. A Motor of constant speed and rating of 1/20 H. P. minimum is recommended for this unit; be sure there is sufficient power in your motor to operate it. Turntable should be flat, with about 1/4" felt covering, and securely fastened to motor shaft. Equipped with 15 ohm impedance cutter-head. Shipping weight 12 lbs.

**Y19891—List \$85.00. Your Cost ..... \$42.50**



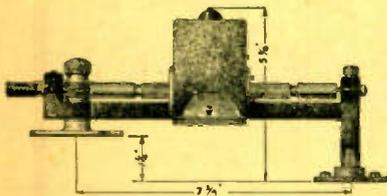
Extra Feed Screws for 88, 96 or more lines for above overhead Feed Mechanism. Specify whether for celluloid or aluminum. Shipping weight 6 lbs.

**Y19892—List \$18.00**

**Your Cost ..... \$8.00**

Aluminum cutting heads are available for above recorders. Prices with aluminum instead of celluloid heads are \$4.75 less.

# Duall JUNIOR RECORDER



**Complete Cutting Mechanism A Semi-Professional Recording Outfit**

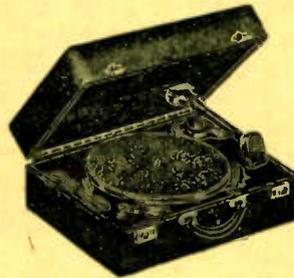
Faithfully records either voice or musical programs with fine fidelity of tone. Anyone can install this recorder to their present turntable provided the motor is of sufficient power for this purpose. It has been designed to operate most satisfactorily with our Lafayette Push-Pull 2A3 Amplifier described on page 53 of this catalog; but will work as well with other amplifiers provided they have sufficient gain for microphone pick-up.

It is a most practical Semi-Professional recording device for all types of recording on aluminum record blanks only. Very satisfactory recordings of radio programs, home entertainments, advertising talks, etc., can be made. Installation of the recorder is easily made to any good motor and turntable—we especially recommend the motor listed on page 66 as a recording motor. Full 10" record recordings can be made at either 78 or 33 1/2 R. P. M. Recordings are comparable to standard transcription recordings.

This recorder is especially recommended to the serviceman for making extra money by recording advertising talks by local merchants and then reproducing through a public address system or sound truck installation. Records are practically free from needle scratch and background noise. In recording no unusual volume is necessary. The amplifier can be of small output and volume can be of normal room level. A special cutting needle is suggested for quality recordings. Fibre needles are used for reproduction. Actual recording is simple and records can be played back immediately. Shpg. wt. 8 lbs.

**Y19883—Junior Duall Recorder less motor and turntable. Your Cost ..... \$24.75**

## Lafayette Portable Dual Speed Electric Motor and Pick-up

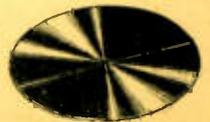


The finest portable made today. Motor is a genuine two-speed Green Flyer with speeds of 78 and 33 1/2 R. P. M. Selection of speeds is easily made with a manually controlled lever. Gears are of laminated bakelite running in oil—absolutely noiseless. Governor controlled regulator assures accurate control over turntable speed. 12" turntable, felt covered. All exposed motor parts are finished in an attractive dull bronze. A new and improved two speed Lafayette high impedance pick-up with a built in volume control provides crystal clear reproduction. Sturdily built case covered with grained fabrikoid and provided with two highly polished nickel plated catches. Size 17 1/2 x 13 1/2 x 8". Shpg. wt. 25 lbs.

**Y22031—List \$60.00. Your Cost ..... \$23.95**

## Celluloid Recording Blanks

Celluloid has come to be the preferred type of material for recording purposes. It makes a far better recording because it is actually cut, not knurled like aluminum. It is of great importance however that the material be absolutely free of grit or foreign matter. These blanks are the finest type available—they have been especially prepared to obtain the finest stock and have been processed to obtain an absolutely smooth surface. A gear controlled cutting head is essential since they are not pre-grooved. Shpg. wt. per doz. 3 lbs.



**A198—10" Blanks. Your Cost Each ..... 18¢**  
**A199—12" Blanks. Your Cost Each ..... 30¢**  
 Per dozen ..... \$2.00      Per dozen ..... \$3.45

Replacement Part Headquarters for Dealers and Service Men



# AMPERITE

## Improve the Set with a Real Regulator

## New Amperite Chart

**Amperites**  
Don't just repair—improve the set. It takes less than an hour of high line voltage to overload condensers and resistances—making them noisy. Keeping the voltage constant will mean elimination of crackling noises. Better and more uniform reception. And no power pack burn outs.

Amperite is a real regulating voltage control—not a fixed resistance or reducer. It is the control recommended by all leading set manufacturers, such as RCA-Victor, Zenith, Bosch, etc. Easily installed in five minutes.

### Universal For All Countries

The standard Amperite will operate any standard set on 90 to 150 volts. No taps on transformer needed. Automatically adjusts set to line voltage. **No adjustments to make.** Controls both high and low voltages. Write for complete details.

### New Amperite Prices

V19100—List \$3.00  
**Your Cost (specify type or set model)..... \$1.25**

V19101—Socket for inserting Amperite in line. List 25c. **Your Cost..... 15c**

### Amperite for Automobile Sets

Storage battery of car varies 5.5 to 8 volts—31%—depending upon speed of car and battery condition. Easily installed—gives uniform reception.

V19102—List \$3.00  
**Your Cost (Complete)..... \$1.25**

Amperite. Cartridge type. (For battery operation). Specify type of tubes used in set.

V19103—With mounting. **Your Cost Each..... 64c**

No. Tubes Use in Set Amperite  
The Amperite for any 110v 4-5 5-A-5  
A. C. set can be deter- 6-7 7-A-5  
mined approximately from 8, 9-10 9-A-5  
the following chart. 11-12 11-A-5

And for sets using '50 type tubes.  
7 to 11 tube sets (1-'50) Amperite 13-A-5.  
7 to 11 tube sets (2-'50s) Amperite 20-A-5.  
110 volt D. C. sets use Amperite 20-A-5.

### Amperite for Special Sets

Brunswick 14; 21; 31 9-20  
Brem. Tully S-81; S-82 9-20  
Gen. Elec. H-31; H-51 9-V-10  
Hamm. Roberts Hi Q-31 10-10  
Hamm. Roberts Hi Q-30 11-20  
Kyletron K-71; K-72; 876 11-20  
Majestic 90; 91; 92 90  
Majestic 70; 71; 72 70  
Peerless 21 to 25 11-20  
Scott A. C. 10 12-20  
Star Raider 18-10  
Victor R-32; 52 10-V-10

THERE IS AN AMPERITE FOR EVERY SET

## Automatic Electric Time Switch for all Electric Devices



Turns off your radio silently, automatically, either battery or A. C. type. Can be used to turn off lights in the home, or signs in the store. Installed in a second. Sturdily constructed of metal, practically indestructible. Is attractively finished, with sparkling green or red jeweled eyes. Is 4 1/4" high and 2 1/2" in diameter. No springs to wind or hands to set. Shipping weight 6 lbs.

L12660—List \$3.50  
**Your Cost Each..... \$2.06**

## Phone and Speaker Cords

Five foot double cord. Spade tips one end; straight tips other. Cotton braid cover.

N13955—List 55c  
**Your Cost Each..... 19c**

As above with straight tips both ends. N13956—  
**Your Cost Each..... 19c**

Five foot single cord with straight tips both ends.  
N13957—List 35c  
**Your Cost Each..... 15c**



## Extension Cords Tinsel Centers

Stranded tinsel conductor with double covering of cotton insulating braid. Not suitable for carrying heavy current. Intended for speaker extension. Pin tips both ends.

Stock No.	Length	Your Cost
N13945	10	\$0.20
N13946	20	.24
N13947	30	.35
N13948	40	.45
N13949	50	.53
N13950	100	.98

## Automatic Line Voltage Control

A dependable voltage regulator. Small, neat, compact. Fits any standard outlet.



For all A. C. sets up to 9 tubes. Keeps voltage at proper value at all times. Steel clad, air-cooled. Shipping weight 8 ozs.

R16955—List \$1.25  
**Your Cost..... 38c**  
Lots of 10..... \$3.50

## Universal Resistovolt



Protects tubes, condensers and reduces hum by counteracting line voltage surges. Made by ICA. Shipping weight 8 oz.

L12619—For sets using 6 tubes or less. L12620—For sets using more than six tubes. List Price, \$1.50—**Your Cost (either) 69c**

## I. C. A. Resistovolt

Meets an existing condition in practically all households, namely voltage fluctuation, the bane of radio tubes, also fading reception due to this cause.



With a variation of as much as thirty percent in some local lines, as well as a general fluctuation throughout the country, the function of the Resistovolt is to level out the supply at all times, so as to give the most efficient operating voltage. The device simply plugs into the house current line, and the set plugs into the opposite side. For sets using up to six tubes and for those using six or more tubes. Shipping weight 1 lb.

L12605—For sets using 6 tubes or less. L12606—For sets using more than six tubes. List \$1.75  
**Your Cost (either)..... \$1.03**

## Stranded Copper Wire Center

Designed for heavier usage than the tinsel type. Rubber insulation with outside covering of cotton braid. Pin Tip ends.

Stock No.	Length	Your Cost
N13951	10	\$0.30
N13952	20	.48
N13953	30	.75
N13954	50	1.10

## Extension Cord Connector

Has two openings at either end for inserting two pin tips. Hard composition insulating material.



M13051—  
**Each..... 6c**  
Per dozen..... 65c

## Filtermatic Octave Tone Control

Grid circuit type eliminating danger of current breakdown. Quieter in operation than plate circuit type where variable resistor is used. Capacity varies from 50 mmfd. to .006 mfd. in seven gradual steps producing a smooth tone taper from a high brilliant treble to a low booming bass. Sturdily constructed using bronze plates, mica dielectric and bakelite case. For a single stage it is connected across the secondary of the audio transformer in a push pull stage across the two grids.

In the case of resistance or impedance coupled amplifiers across the grid leak. Shipping weight 8 oz.

F6840—Without switch  
**Your Cost..... 59c**  
F6841—With switch  
**Your Cost..... 75c**

## Clarostat Line Ballasts

Real compensation for line voltage changes is available for radio sets and amplifiers designed for use with the Line Ballast. The Clarostat Line Ballast will cover a range of from 95 to 135 volts. GUARANTEED REPLACEMENT FOR THE FOLLOWING RECEIVERS:

Stock No.	Replacement For	Ballast Type No.
F6803	Belmont	2518
F6804	Bremer-Tully	2169
F6805	Brunswick	2179
F6806	Clarion	2408
F6807	Grebe	6412
F6808	Grebe	6420
F6809	Grebe Receiver	6310
F6810	Grebe instructions	0500
F6811	Grebe for correct type	0600
F6812	Grebe	0608
F6813	Grebe	0710
F6815	HFL	4210
F6805	HiQ 30	2179
F6806	HiQ 31	2408
F6807	Kennedy	6412
F6809	Kyletron	6310
F6814	Larkin	2314
F6807	Larkin	6412
F6816	Majestic 70	1516
F6817	Majestic 72	1508
F6818	Majestic 80	1012
F6819	Majestic 90	1210
F6820	Baldwin	2516
F6809	Peerless	6310
F6821	Pierson	2500
F6805	Scott	2179
F6805	Silver	2179
F6820	Simplex	2516
F6805	Sonora	2179
F6815	Sonora	4210
F6822	Star Raider	*2100
F6803	Starc Piano	2518
F6823	Stewart Warner	5001
F6824	Model 900-61816	5002
F6825	Model 950-62152	5003
F6825	Model R100-66756	6310
F6809	United Reproducer	*2200
F6826	UV876 Tube	

\*Use two ballasts in series. All types.  
List \$2.50  
**Your Cost Each..... \$1.25**

## Power and Super-Power Clarostats

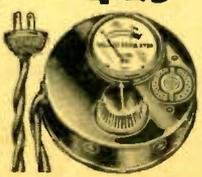
Power and Super-Power Clarostats are heavy-duty variable resistors for radio power units, transmitters, or general electrical applications. The Power Clarostats will handle 80 watts, the Super-Power will carry 250 watts. Both types can be mounted one-hole panel type.



**Power Clarostats**  
Stock No. Resistance Range in Ohms  
F6831 1/4 to 10  
F6832 25 to 500  
F6833 200 to 100,000  
List \$3.50  
**Your Cost Each..... \$2.05**

**Super-Power Clarostats**  
F6834 1/4 to 10  
F6835 25 to 500  
F6836 200 to 100,000  
List \$6.00  
**Your Cost Each..... \$3.50**

## READRITE A. C. Line Voltage Regulator \$4.25 Net



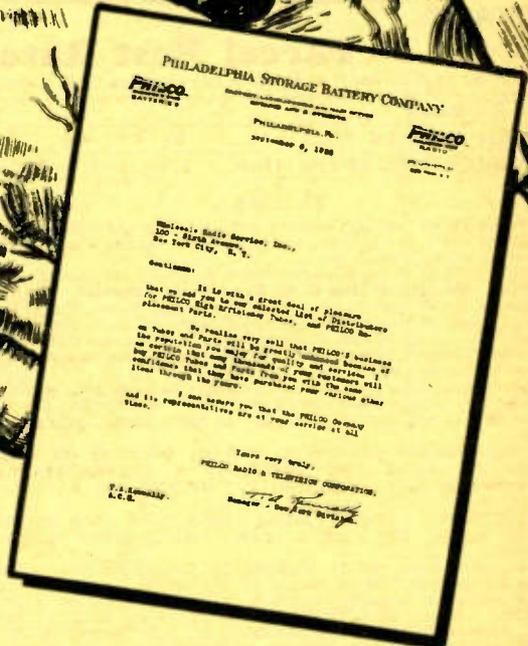
Very desirable for use ahead of A. C. radio sets where line voltage fluctuates. Saves tubes and condensers. Has dial and rheostat by means of which voltage may be adjusted to exactly 110 volts, portion of dial above this mark being in red, it is easy to notice when voltage rises above the danger mark. Baked enamel finish. Shipping weight 3 lbs.  
K11021—List \$7.25  
**Your Cost..... \$4.25**

# WHOLESALE RADIO SERVICE CO., INC.

## Joins Hands with **PHILCO**

### OFFICIAL DISTRIBUTORS PHILCO TUBES

Type	Dealers' Cost	Type	Dealers' Cost
00A	\$2.00	47	\$0.65
01A	.30	48	1.50
2	.55	50	2.00
3	.88	51	.83
4	.80	55	.80
5	.80	56	.60
6	1.50	57	.83
9	.80	58	.83
10	2.50	59	1.00
12A	.65	71A	.38
14	1.13	75	.80
15	1.43	77	.90
17	.75	78	.90
19	.75	79	1.30
20	1.50	80	.35
22	1.00	81	1.75
24	.60	82	.60
26	.33	83	.78
27	.35	84	.88
30	.65	85	.80
31	.65	89	.90
32	.95	X99	.75
33	1.05	V99	1.13
34	1.08	2A3	2.00
35	.65	2A5	.80
36	.75	2A7	1.10
37	.60	6A7	1.10
38	.73	2B7	1.00
39	.75	6B7	1.00
40	1.00	5Z3	.75
41	.80	12Z3	.60
42	.80	25Z5	1.00
43	1.25	182B	1.15
44	.75	183	1.03
45	.38	485	.90
46	.78	866	3.38



Wholesale Radio Service Company takes pleasure in announcing its appointment as Distributor for *Genuine Philco Replacement Parts and Tubes*. A complete line of Philco Parts and Tubes can now be had at Dealers' Factory Prices.

The name of "Philco" has always been a standby in the Radio Business, and has always stood for high quality in materials and workmanship. Every part and every tube is precision made, and must pass their rigorous system of tests before it is ready for shipment from the factory to you. Their guarantee is most liberal, and continues so with our appointment as Distributor.

When ordering from us it is not necessary to write in a lengthy description of the part or parts needed; just send us Philco's part number and your order will receive the same prompt courteous attention as if it was received at the factory, plus the rapid service of our globe encircling mail order system. The serviceman will now find it both advisable and inexpensive to use only original Philco parts when making repairs on Philco Radios. Wholesale Radio Service Company invites your patronage.

## Official Distributors of **PHILCO** Parts and Tubes

*We Will Not Knowingly Be Undersold*

**Read THIS PAGE before ORDERING!**



**WE RETURN ALL UNUSED POSTAGE**

**BE SURE TO INCLUDE POSTAGE WITH YOUR ORDER**

**Parcel Post Rates for Various Zones**

Parcels up to 8 oz. may be shipped anywhere in U. S. A. for 1½¢ for each 2 oz. Rates Subject to Change by U. S. Postal Authorities

Zone Number	1	2	3	4	5	6	7	8
Cost for 9 to 16 oz.	8¢	8¢	9¢	10¢	11¢	12¢	14¢	15¢
Each addit'l lb. or fraction	1.1¢	1.1¢	2¢	3.5¢	5.3¢	7¢	9¢	11¢

**TERMS**

Wholesale Radio Service Company buys for cash and sells for cash. That is the secret of our low price policy. We cannot afford to give credit as we ask none ourselves.

We ship C. O. D. if desired, providing a deposit of 20% accompanies your order. We cannot ship C. O. D. without a deposit. C. O. D. packages can be shipped to all parts of the United States, Porto Rico, Hawaii, Alaska and Mexico. We CANNOT ship C. O. D. to any country outside of the United States, excepting those mentioned. Orders generally, cannot be sent Parcel Post, C. O. D. care of banks, as most banks refuse to handle such shipments.

The safest and best way to send money is by postal, express, or telegraph money order, bank draft or firm checks. Do not send cash. If absolutely necessary to send cash, register the letter.

ON ALL ORDERS FOR FIFTY (\$50.00) DOLLARS OR MORE DEDUCT 2% FROM THE TOTAL AS A TRANSPORTATION ALLOWANCE EXCEPT ON READRITE, TRIPLETT AND NATIONAL PRODUCTS.

IMPORTANT. Indicate catalog number and stock number on order blank. The number of this catalog shown on front cover is 55.

When ordering, specify method of shipment you prefer. In the upper right hand corner of the order blank you will find a series of squares marked "Express," "Parcel Post," "Freight," "Boat," and "Best Way" arranged for your instructions. ALL MERCHANDISE SHIPPED BY EXPRESS SUBJECT TO INSPECTION if you specify this in your order blank.

If you find it necessary to return any merchandise for adjustment please write, stating full details, BEFORE returning package. We will IMMEDIATELY forward necessary shipping instructions. Your cooperation in this respect will be appreciated—and it will help us to give you better service.

**FOREIGN ORDERS**

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 money orders, or checks as shipment will be delayed until cleared.

The average Parcel Post rate on foreign shipments is 14¢ per pound. Insurance rate averages 1¼¢ per cent of the order's value, with a minimum rate of 25 cents.

Our catalog prices are F.O.B. warehouse, packed for domestic shipment. For Special export packing and delivery to pier, there is a slight additional charge covering our extra costs. There is no extra charge for shipments to points outside the United States, which can be forwarded packed as for domestic shipment.

**PARCEL POST**

Freight and Express shipments are sent transportation collect. Orders shipped by parcel post must be prepaid, and we therefore request that you INCLUDE POSTAGE FOR PARCEL POST SHIPMENTS. Estimate the cost of postage to your town by finding the weight of the articles you are purchasing (weight of each item is given in catalog) determine the zone in which your town is located, and then from the above chart you can find the cost of sending the package to your town.

Example: Mr. John Jones lives in Edwight, West Virginia. He orders a condenser, which according to the catalog weighs 3 pounds. The nearest big city to Edwight is Charlestown, which he finds from the above chart is in the 4th zone. The cost of sending 3 pounds to the 4th zone is 17¢ and he adds this amount to his remittance plus cost of insurance.

**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	Charge is
\$5.00	5 cents
" " " " " between 5. & 25.00	" 10 "
" " " " " 25.00 & 50.00	" 15 "
" " " " " 50.00 & 100.00	" 25 "

After \$100.00 value the charge for each \$50.00 additional is 5 " extra

**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	the extra charge is	(incl. Ins.)
\$5.00	12c	" 17c ( " " )
" " " " " between 5. & 25. "	" "	" 22c ( " " )
" " " " " 25. & 50. "	" "	" 32c ( " " )
" " " " " 50. & 100. "	" "	" 40c ( " " )
" " " " " 100. & 150. "	" "	" 45c ( " " )
" " " " " 150. & 200. "	" "	" 45c ( " " )

For each \$50.00 value above \$200.00 the charge is 5¢ more (including insurance). The Post Office also charges an extra small money order fee on each C.O.D. parcel.

If you are doubtful as to the correct amount do not hesitate to send us sufficient postage. We GUARANTEE to refund any excess remittance.

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 combined. Example: a package 35 inches long, 10 inches wide and 5 inches high, measures 65 inches in length and girth combined. (Length 35 inches, plus 2 x 10 inches width, plus 2 x 5 inches height, equals 65 inches).

**OUR SERVICE**

We endeavor at all times to give you the finest possible service. According to figures prepared by our Traffic Department, 96% of all orders are shipped within 24 hours of receipt. Very often orders go forward within a few hours after their arrival. All packages are inspected before shipment to avoid errors and delays. Very rarely do we have to back-order an item.

**SPECIAL NOTICE**

Now—more than ever—WHOLESALE RADIO SERVICE COMPANY can save you money! The reason for this is easy to understand.

In order to prepare a catalog of this kind, listing more than 30,000 items, we must know months in advance what prices will be. So, early this year, when commodity prices were still low, we placed orders for huge stocks of merchandise.

As a result we are able to quote you prices in this catalog MUCH LOWER THAN IF WE HAD TO PLACE ORDERS TODAY!

We cannot know how much further prices will advance within the next few months, but W. R. S. Co. will maintain the low prices in this catalog, as long as our stocks last!

We therefore urge you to buy ALL your needs NOW as prices in this catalog are subject to change without notice.



# NOW W.R.S.C. helps the Serviceman sell PUBLIC ADDRESS EQUIPMENT



## TWO NEW MANUALS TO ASSIST YOU IN SELLING PUBLIC ADDRESS EQUIPMENT

● A Catalog with LIST PRICES ONLY for you to use in selling!



Many dealers and servicemen are passing up the opportunity to make money on Public Address Equipment simply because they have never been able to present the equipment properly to their prospective customers. It is impossible to use a regular wholesale catalog because the prices shown are those the dealer pays

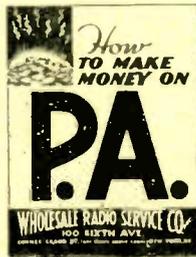
So you must have a SPECIAL CONSUMER CATALOG that not only shows LIST PRICES but also DISPLAYS AND DESCRIBES THE MERCHANDISE ATTRACTIVELY so that THE CONSUMER WILL BECOME INTERESTED. Such a catalog is of course expensive because it must be printed IN ADDITION to a regular catalog.

But WHOLESALEREALIZES that you must sell the CONSUMER FIRST before we can

sell you. So we have at considerable expense made up a special catalog showing our complete line of LAFAYETTE PUBLIC ADDRESS EQUIPMENT with LIST PRICES ONLY. This catalog is very attractive and shows in great detail the various features of each Public Address System we manufacture.

With the assistance of this catalog and by following the plan outlined in the Sales Manual you will be in a position to fully take advantage of the opportunities that are waiting for you to make money in Public Address Equipment. It is up to you to do the rest—if you should run into a problem regarding our equipment that is not answered in these manuals we are always ready and eager to help. Won't you write us?

● How to Make Money on Public Address Equipment!



Are you getting your fair share of the tremendous business being done today in Public Address Equipment? If not then you need this Manual. In it you will find many valuable ideas and suggestions for making sales of P. A. Equipment together with complete descriptions of new and improved amplifiers and complete systems. The information in this book appeared originally in a leading magazine and because of the great demand for additional copies we are issuing it in book form.

There is a demand for this equipment continuously and in various lines of business. Retail Stores use it for demonstrators—Factories and Offices use it for announcing systems—Dance Halls and Auditoriums use it for amplifying orchestras and speakers—

Concessionaires and Side Shows use it for barkers—in fact the field is immensely large and NO ONE HAS REALLY MADE A DETERMINED EFFORT TO GET THIS BUSINESS. It is PROFITABLE business because the sales are large and it is sold for CASH.

You need not be an expert salesman to sell this equipment—but it does help to know what methods others have used in selling and by using a definite plan you will keep from making costly mistakes others have made. Such plans are outlined for you in this manual—send for it today and begin making money on P. A. Equipment.

This VALUABLE manual is yours FREE. It is another graphic example of W. R. S. Co.'s desire to assist you in every way possible.



## Lafayette P.A. EQUIPMENT used on Lake George Showboat Praised by DON BESTOR

Don Bestor, who pioneered with KDKA more than 10 years ago and who is now broadcasting on the NBC chain in addition to playing at the Hotel Biltmore in New York City has sent us this unsolicited testimonial:

"The Wholesale Radio Public Address Equipment, installed on the Lake George Showboat, that we used this season for five weeks, is in my opinion excellent so far as amplifying our music and really getting it through the loudspeaker is concerned. Usually we experience quite some trouble from time to time in equipment on locations but we have had none of that here."

Since boat installations are particularly difficult due to the excessive dampness encountered, tricky acoustical conditions, etc., we are unusually proud of this letter. It is the opinion of a man to whom tone quality and absolute fidelity of reproduction is of paramount importance. That Lafayette Public Address Systems are capable of such fine reproduction we know, for they have been designed with that in mind, and we are more than pleased to have our opinion corroborated by such a well known authority.

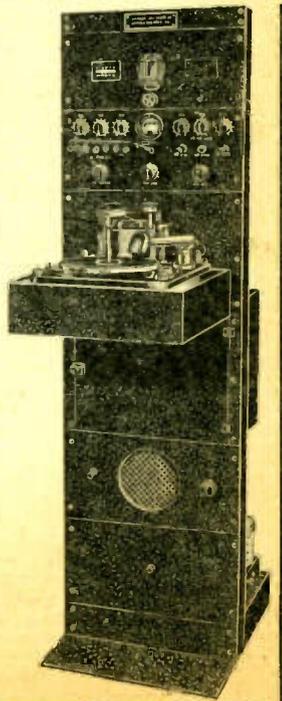
The Lake George Showboat installation is merely one of hundreds of Lafayette P. A. installations that are to be found all over the country wherever quality amplification is required.

Lafayette engineers and their completely equipped laboratory are at your service for the development of special Public Address Systems especially suited to your particular requirements. Rather than attempt to make a standard amplifier fit some special condition by a makeshift arrangement you will find it to be greatly to your advantage to get in touch with us and inform us of what your requirements are. In many cases we are able to design a special amplifier that will meet with your approval at an amazingly low price. This service is yours cheerfully and without charge. If there is any particular problem in this field that gives you trouble, Lafayette engineers stand ready to help you at all times.

### LAFAYETTE 'Rack and Panel' Amplifier

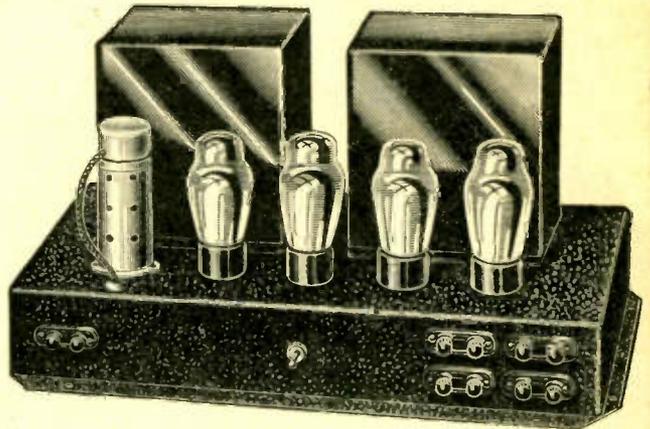
The Lafayette Senior Five Channel Rack installed on the Lake George Showboat is one of the most versatile Public Address Systems ever designed and is typical of all Lafayette P. A. equipment. It will mix any or all of five separate channels including radio, automatic phonograph or any of three microphones. The following are only a few of the many features of this installation.

- A Capehart Automatic Phonograph furnishes continuous recorded voice or music for several hours. It will play both the standard 78 R. P. M. or the long playing 33 1/3 R. P. M. records. Either 10" or 12" records may be used.
- The Specially Designed Radio Tuner is remotely controlled, using the standard Westinghouse Remote Control, acknowledged to be the finest ever made. It enables you to tune the receiver from a remote point. Both stations and volume are at your fingertips at the touch of a button.
- A Monitor Speaker built into the rack permits listening-in while tuning or operating the amplifier controls for any channel.
- The Amplifier is a special Class "B" with a 28 watt output, sufficient to handle 20 speakers. Tone quality is exceptionally fine.
- Construction throughout is of heavy gauge steel and angle iron finished in black crackle lacquer.



# Lafayette 28 Watt Output CLASS "B" AMPLIFIER

- ✓ High Gain
- ✓ High Fidelity
- ✓ Drives 20 Speakers
- ✓ Full 28 Watts Output [Peak 32 Watts]
- ✓ Direct Coupled Driver



## Full Frequency Response No Loss of High Notes

The majority of Class "B" audio amplifiers do not respond very well to the higher frequencies. Lafayette sound engineers have overcome this shortcoming by using a direct coupled driver which accentuates the higher frequencies; this in turn compensates for the loss in the Class "B" stage, resulting in an amplifier having uniform response over the entire audible range.

### High Gain

Technically, the characteristics of this amplifier are as follows: It has a gain of 83 db. at 1000 cycles, is only minus 3 db. at 50 cycles and actually rises to plus 2 db. at 5000 cycles above the overall gain of 83 db. Input impedance 500000 ohms; output impedance 4, 8, 15, 500 and 2000 ohms.

### 28 Watts Power

Conservatively rated, this amplifier will deliver 28 watts undistorted output. In an actual measurement in the laboratory, a 40-watt incandescent lamp was connected across the 500 ohm output circuit. With a 1000 cycle audio frequency generator feeding one-tenth of a volt to the input, the lamp burned at full brilliancy! Distortion level 9%.

### Drives 20 Speakers

The Lafayette Class "B" amplifier is powerful enough to drive 20 full size dynamic speakers when properly connected. Under no circumstances

should the average single speaker be connected to the output of this amplifier under full load.

### Circuit Data

The circuit of this amplifier employs a single type 57, directly coupled into a 69, which in turn drives a pair of 59s in Class "B". The rectifier tube is the new mercury vapor type 83.

### Component Parts

All parts are carefully tested with precision accuracy, and they are designed to give the maximum of service. Both the power transformer and the choke assembly are designed to handle twice the normal current to which they are subjected under full load. These husky units each measure 6½x6x5". Overall, the amplifier is 11½" deep, 20" long and 10" high.

**P15760**—Lafayette Class "B" Amplifier, completely assembled and wired. For 100-130 volts, 50-60 cycles A. C., less tubes and loud speakers. Dimensions: 11½" deep, 20" long, 10" high. Shipping weight 61 lbs. List Price \$97.50

**Your Cost**.....\$44.50

**P15757**—Complete amplifier with matched tubes, consisting of 1-57, 3-59s, 1-83.

**Your Cost**.....\$48.95

## Lafayette

### Special Theater Model 28 Watt Class "B" 'Sound on Film' General Purpose Amplifier

This model, which is essentially the same as the standard class "B" described above, has several added features which makes it a truly universal amplifier. Due to the increasingly popular demand for an amplifier which would not only be suitable for ordinary public address work, but could also be used for talking picture sound equipment, we have added this model to the complete line of Lafayette Amplifiers.

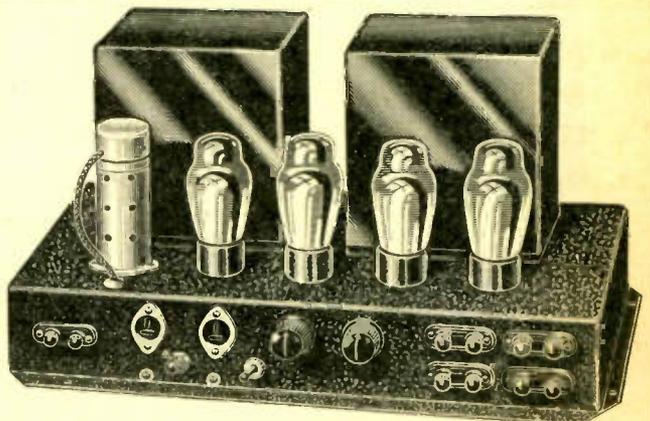
Features in addition to those of the regular model include the furnishing of polarization voltage for two photo-electric cells; polarization voltage is fully adjustable by the use of a screw driver. Two separate polarized receptacles to plug in each cell individually. Changeover Switch to swing from one photo-electric cell or projector to the other. Current is also supplied for two exciter lamps, either the 4 ampere or the 7½ ampere type. Input terminals are provided for using a high impedance pick-up or a low impedance pick-up with a matching transformer. When used with a Lafayette microphone input stage any two button or single button microphone can be used.

### Tone Control

Many theaters have difficult acoustic problems that can often be remedied by the use of a tone control. A really efficient tone control is incorporated in the amplifier.

### Volume Control

A very effective volume control that does not affect the clarity at any



degree of volume has been especially developed for this amplifier.

### Rugged Construction

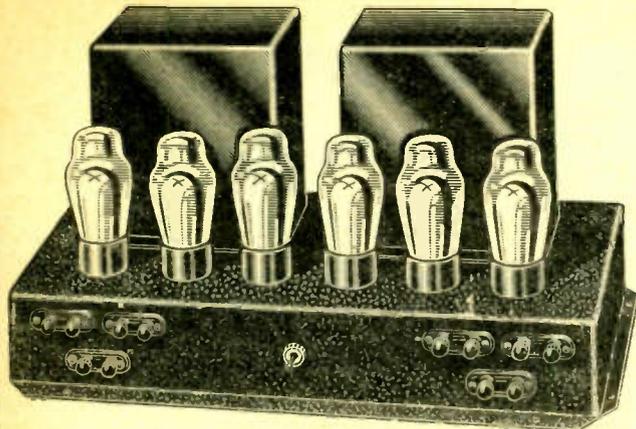
Theater work demands an amplifier that will give unfailing service continuously, day after day. This amplifier has been designed with that in mind and each component is considerably oversize and can stand by far greater loads than it will ever be called upon to deliver.

**P15763**—Class "B" Sound on Film Amplifier. Shipping weight 61 lbs.

**Your Cost**.....\$74.50

Matched Kit of Tubes for Above.....\$4.50

# AN INNOVATION!



## NEW *Lafayette*

60 Watt [80 W. Peak]  
CLASS "B"

## POWER AMPLIFIER

**Increase the output of your present equipment with this latest LAFAYETTE achievement!**

Now you can increase the output of your Public Address system by adding to your present equipment this new POWER AMPLIFIER with the extraordinary output of 60 WATTS (80 watts peak) which is sufficient for use in outdoor installations with a capacity of 50,000 people. This extraordinary Amplifier is an exclusive Lafayette development and is far ahead of anything that has ever been designed for this purpose.

### TECHNICAL DATA:

**INPUT**—A special input transformer is supplied so that the amplifier may be driven either from a push-pull 2A3 amplifier or from a 500 ohm line. If your present equipment does not have a 500 ohm output it is only necessary to obtain a 500 ohm output transformer to couple it to this amplifier. The wattage input necessary for average output is **ONLY 3 WATTS** and the average amplifier rated at this output is sufficient to drive this unit. However, it is advantageous to use an amplifier having a greater output than this to handle maximum peak voltages. We especially recommend the Lafayette Push-pull 2A3 Amplifier. The peak output with 8 watts input is 80 WATTS, but like all Lafayette amplifiers it is conservatively rated.

**OUTPUT**—An oversized output transformer has three output windings, viz. 1-500 ohm line and 2-250 ohm lines. With this combination it is possible to obtain with full load the following impedances: one 250 ohm line or one 500 ohm line or two 500 ohm lines or one 1000 ohm

line or one 1000 ohm and one 500 ohm line. When ordering advise the speakers you intend to use and we will furnish information as to the best method to use for obtaining maximum efficiency.

**POWER SUPPLY**—In order to obtain the most efficient current regulation extremely low resistance filter chokes are employed. All components are capable of carrying 200% of the maximum amount of current required at any time. Two 83 mercury vapor type rectifiers are used in a special bridged circuit so that each tube is carrying exactly half the current at all times. Choke input filtering is used to further improve regulation.

**GAIN**—The exclusive circuit developed by Lafayette engineers provides the unusual gain of 12 db.

**TUBES USED**—Four type 59 tubes and two type 83 tubes.

**WATTAGE INPUT A. C.**—This amplifier draws only 180 watts at maximum output—an efficiency of better than 33 1/3 %.

**MODULATION USE**—Can be used to modulate 100% any transmitter using up to 120 watts of R. F.

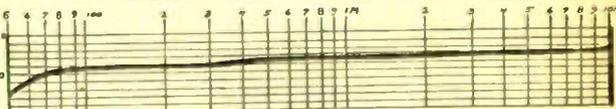
**DIMENSIONS**—11 1/4" deep, 20" long, 10" high. Shpg. wt. 60 lbs.  
**P15778**—Lafayette 60 Watt Class "B" Amplifier with input and output transformers. List \$155.00

Your Cost ..... **\$62.50**

**P15779**—Kit matched tubes; 4-59; 2-83.  
Your Cost ..... **\$5.00**

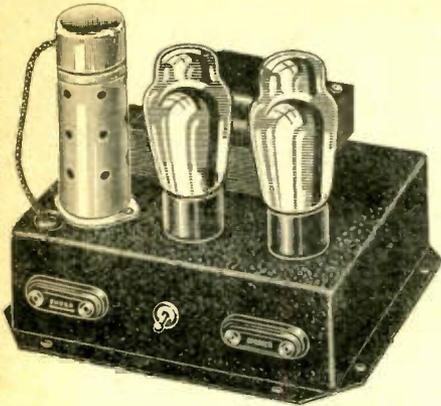
**NOTE** in the curve shown at right, the flat response of this 60 Watt Amplifier.

(Top figures represent frequency in cycles per second and left end figures represent gain in decibels.)



# A High-Gain Amplifier for only

## \$9.95



- ✓ New Type Tubes
- ✓ 3½ Watt Output
- ✓ Supplies 2500 Ohm Field
- ✓ Oversize Components

### Lafayette Quality and Workmanship Throughout

Here is the biggest little amplifier ever brought out—at a price that defies competition. Measuring only 8¼" wide, 6" deep and 5¼" high, this latest addition to the famous Lafayette line is a completely self-contained two stage power amplifier capable of working three or four dynamic speakers to full capacity, and that means it has real "sock." Because of its small size, its low price and its remarkable efficiency, it will find many uses in public address work.

#### Latest Type Tubes

To show how up-to-the-minute this job is, we merely need mention that it uses the latest type tubes. There is a 57 capacity coupled to a 2A5, a combination that produces the extraordinarily high amplification of nearly 100 db. Output 3½ watts. Actually these two tubes do the work formerly done by four tubes. A 5Z3 high vacuum rectifier is used.

#### Lafayette Standards Followed

Don't get the idea from the price that this is a cheap amplifier. The Lafayette standards of good parts and careful workmanship have been met very strictly. All parts are of generous oversize proportions, and carry the usual Lafayette guarantee. All Lafayette amplifiers—this one included—are designed for continuous operation, so there can be no skimping. All-metal construction is used, with the whole unit neatly finished in durable lacquer, crackled.

#### Numerous Applications

Numerous applications for this handy amplifier will suggest themselves to the wide awake service man, dealer and experimenter. To mention a few: for public address systems in small meeting halls, restaurants, markets, theatres, etc.; to replace old style amplifiers in radio receivers having good tuners; to "electrify" old horn-type phonographs; for hearing aids, etc. The phonograph market is a particularly good one, as there are thousands of old talking machines in existence that their owners want to keep.

Supplied without output transformer. Can be supplied to excite 2500 ohm D. C. speaker at no additional charge. **Specify type desired.**

**P15790**—Lafayette Two-Stage Amplifier, completely assembled and wired. Less tubes and loud speakers. Dimensions: 8½" wide, 6" deep, 5¼" high. Shipping weight 15 lbs. **\$9.95**

**Your Cost** .....  
**P15791**—Complete Amplifier with tubes consisting of 1-57, 1-2A5, 1-5Z3. **\$11.95**

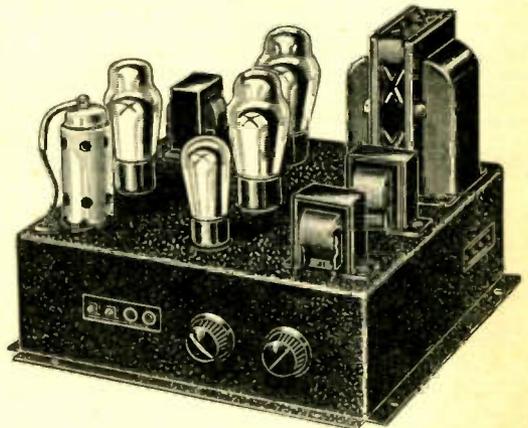
**Your Cost** .....  
**W-19288**—Special Matched 8" Lafayette Speaker. Shipping weight 6 lbs. **\$4.50**

**Your Cost** .....

## Push-Pull 3 Stage Amplifier

Using new type 2A5 Tubes

### only \$16.45



Where tremendous gain with volume enough to operate from five to six dynamic speakers is required we highly recommend the new Lafayette Three Stage Amplifier. Its great power and perfect clarity of tone makes listeners wonder how such a compact unit can be so effective. With an undistorted output of 7.5 watts this amplifier is truly a POWER amplifier.

#### THREE STAGE CIRCUIT

A type 57 is capacity coupled to a 56 which in turn is transformer coupled to two 2A5's in push-pull. The required plate current is supplied in humless form by a 5Z3 high vacuum rectifier. The overall amplification is so great that special input connections to the second stage are provided for phonograph pick-up. If a pickup is connected to the first stage the last stage will actually overload.

#### TONE CONTROL PROVIDED

Another welcome feature is a tone control. Such controls have proven their value on radio receivers; why not on amplifiers? In many installations a little tone correction is highly desirable to overcome peculiar acoustical conditions and may mean the difference between mediocre reproduction and good reproduction—also has gain control.

#### OVERSIZE PARTS

This husky amplifier is another credit to the skill of Lafayette engineers. Heavy, oversize power units and metal construction mean long and satisfactory life. Unit measures 12" square and 9½" high; doesn't take up much room, but how it does work. No wiring in sight; everything under the chassis. Supplied with and without the output transformer.

This amplifier is designed solely for use with A. C. speakers or D. C. speakers employing external field supply.

**P15795**—Lafayette Three Stage Amplifier, completely assembled and wired. Less tubes, loud speaker and output transformer. Dimensions 12" square, 9½" high. Shpg. wt. 30 lbs. **\$16.45**

**Your Cost** .....  
**P15796**—Same as above, but with output transformer, less tubes. Shpg. wt. 33 lbs. **\$18.95**

**Your Cost** .....  
**P15798**—Kit of matched tubes, consisting of 1-57, 1-56, 2-2A5's, 1-5Z3. **\$3.95**

**Your Cost** .....

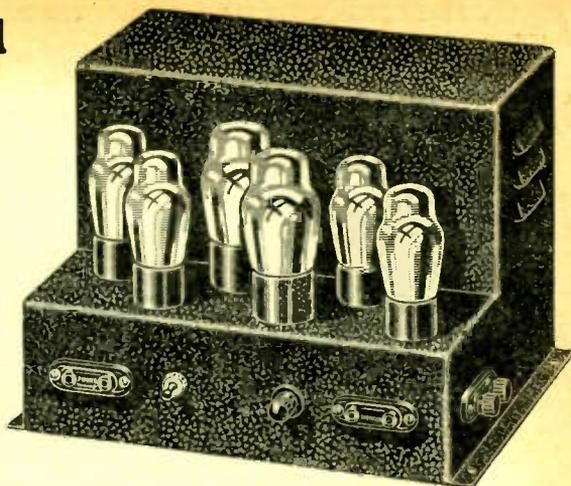
All Amplifiers listed in this Catalog have high impedance input circuits directly into the grid of the tube. Therefore if a low impedance pickup is to be used a matching transformer must be used with it. If a Microphone is to be used the Lafayette single button or double button input stage is required. See Page 64.

All Lafayette Amplifiers have sufficient gain or amplification to be used with a microphone that is to be spoken into directly, without the use of additional amplification. If Orchestras, and Speakers who talk at a distance from the microphone, are to be picked up and amplified, in some cases, additional amplification is required, depending upon the amplifier used.

# Lafayette Universal

## AC-DC Amplifier

- Operates on AC or DC
- 3 Watts Output (Peak 4W)
- Gain 72 db.
- Current Drain 45 Watts
- Special Fixed Bias
- Field Supply for 2 Speakers
- Low Resistance Filter



At last an amplifier that is UNIVERSAL in every way. It has a special rectifying system developed by Lafayette Engineers that supplies field current for two matched dynamic speakers having fields of 2500 ohms each.

While the 43 tube is rated by the manufacturer as having an output of 2 watts with 135 volt plate supply it is actually only possible under average conditions due to losses in the filter system and self-biasing resistor to obtain no more than nine-tenths to one watt. Lafayette Engineers have overcome this difficulty by a unique arrangement employing a biasing battery the life of which is infinite.

By using an extremely low resistance filter system practically all the line voltage is available to supply the plates of the 43 tubes, therefore this amplifier will deliver an average output of 3 WATTS (Peak 4 watts) output.

The special circuit used employs a total of six tubes; two 43's, two 37's and two 25Z5's. Five of these tubes are used in the amplifier proper. The total current drain from the line is only 45 watts.

The gain of 72 db. is sufficient for microphone use under ordinary conditions so that no pre-amplifier is needed. This amplifier will be found to be particularly suited for installations that must travel such as window lecturers, carnivals, demonstrators, etc., where various kinds of current supply are encountered. Also for dealers that make a practice of renting

out Public Address Systems this amplifier makes unnecessary the cumbersome and expensive converters.

All components used in the construction of this amplifier are of the finest quality obtainable and have been chosen with the definite purpose of building an amplifier that would give trouble free service under the most severe conditions of continuous operation. The chassis is of heavy steel, with welded corners, finished in black crackle.

The amplifier may be purchased without the speakers which are matched to this particular amplifier with special output transformers but their use is particularly recommended as providing truly universal operation.

**P15705**—Lafayette Universal Amplifier completely wired and assembled, less tubes and speakers for either Alternating or Direct Current Operation. Size 10½x8½x7¼". Shpg. wt. 15 lbs.

List Price \$42.50

Your Cost .....

**\$17.50**

**P15706**—Lafayette Universal Amplifier as above, less tubes, but with 2 matched speakers. Shpg. wt. 25 lbs.

Your Cost .....

**\$25.95**

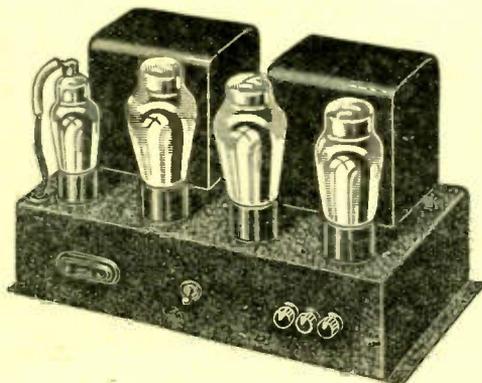
**P15707**—Complete kit of matched tubes consisting of two 43's, two 37's, two 25Z5's. Shpg. wt. 4 lbs.

Your Cost .....

**\$5.50**

# Lafayette Direct-Coupled 2A3 Push-Pull Amplifier

**10  
WATTS  
OUTPUT**  
(Peak 12 Watts)



- High Gain
- High Fidelity
- Field Supply
- Will Drive  
6-8 Speakers

The Lafayette Direct coupled 2A3 Push-Pull Amplifier 1934 Model is the result of several years of development. Previous models using the older tubes gave widespread satisfaction, and now Lafayette Engineers after months of experimenting are pleased to announce the use of some of the newer, higher gain and greater output tubes.

### IMPROVED CIRCUIT

Consists of a type 57 tube coupled by the Direct Coupling method to a pair of 2A3's in push-pull. The exceptionally high gain of 80 db. is adequate for the average use of a microphone without the need of a preamplifier stage. High frequency response is especially good due to the use of a unique method of neutralization, an exclusive Lafayette feature. A high vacuum 5Z3 rectifier provides ample plate current with excellent regulation.

### SUPPLIES FIELD CURRENT

Current is available for field supply of four 2000 ohm speakers, or two 4000 ohm seven watt fields. Two 2500 ohm fields may also be used. This eliminates the need for separate field exciters and considerably lowers the cost of your P. A. System. The low price brings this unit within the means of many prospective purchasers of P. A. systems who were scared off previously by the high cost of other makes of amplifiers of equivalent capabilities.

### RUGGED CONSTRUCTION

Rugged construction throughout, each part is considerably oversized and the entire unit is designed to stand plenty of abuse.

### QUALITY PERFORMANCE

Reproduction that is comparable with the highest priced amplifiers on the market. Though designed upon the most advanced of present-day engineering principles, it is positively in a class by itself in the field of sound amplification. Oversized parts are used throughout, but the whole unit measures only 12" wide by 7" deep and 7½" high. Built for continuous operation it is ideal for public address or inter-office call systems which must be kept "alive" at all times. Breakdown of any parts is practically unknown. Only components of the highest quality are used insuring long and trouble-free operation.

**P15712**—Lafayette 2A3 Push Pull Amplifier, assembled and wired, less tubes and loudspeaker. Dimension 12" wide, 7" deep and 7½" high. Shipping weight 40 lbs. List Price \$60.00

Your Cost .....

**\$24.50**

**P15714**—Lafayette 2A3 Push Pull Amplifier with output transformer to 8 ohm voice coil and 600 ohm line. List Price \$67.50

Your Cost .....

**\$27.25**

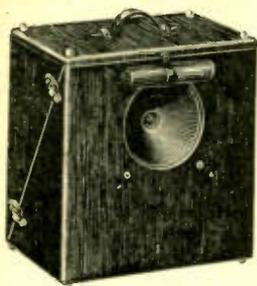
**P15713**—Kit of matched tubes, consisting of 1-57, 1-5Z3, 2-2A3.

Your Cost .....

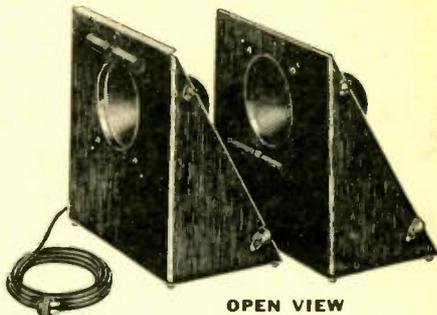
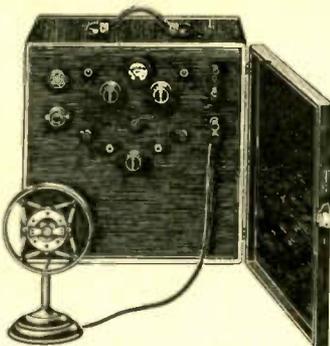
**\$4.98**

**Perfect Merchandise - Prompt Shipment - Personal Service**

# The Ultimate in a Portable P.A. System! Lafayette Push-Pull 2A3 PORTABLE



CLOSED VIEW



OPEN VIEW

Absolutely the finest Portable P. A. System you have ever seen. Check it and double check it—feature for feature—with anything offered at anywhere near its price today. It has everything—POWER—TONE—VERSATILITY—QUALITY CONSTRUCTION—COMPACTNESS—nothing has been overlooked that would help to make it the finest ever offered. **Built into two handy cases**, one of which contains the amplifier and mixing panel, and the other, the two speakers. Each case is sturdily constructed and has been especially designed for this particular system. **The Amplifier** is the LAFAYETTE P. P. 2A3 with a very conservatively rated output of **10 Watts** and capable of the finest tone quality at its lowest or greatest output. **The Mixing Panel** is of special LAFAYETTE design and incorporates a Master Switch with Pilot Light—A Mike Current Switch with Pilot Light—A Mike Current Control—A Weston Mike Current Meter—Two Jacks for breaking into either button line for measuring button current—A Master Gain Control—A Tone Control—A Phono-Mike Changeover Switch and ALL connections, Microphone—Phono-pickup—and both Speakers are made from the front of the panel. Control over EVERYTHING is had at this one versatile panel—Tone and Volume can be varied—Mike and Phono-pickup can be readily changed. **The Two Speakers** are housed in an extremely practical case that serves

- ✓ 10 WATTS OUTPUT
- ✓ TWO HANDY CASES
- ✓ BUILT-IN MIXING PANEL
- ✓ PERFECT TONE QUALITY
- ✓ RUGGED CONSTRUCTION

Amplifier Case 18 1/2" x 11 1/4" deep  
Speaker Case 18 1/2" x 13 1/4" deep

both as bases for the speakers and as a very compact carrying case. Special Jensen Speakers are used, having 12" cones, and are provided with special matching transformers that assure their maximum performance irrespective of the distance from the amplifier. Each speaker is provided with a 50 ft. cable and plug. A special snap-on cover protects each speaker cone from damage during transportation.

**The Microphone** is a standard LAFAYETTE model 25—one of the finest microphones made today. A special, one-piece, cast desk stand assures correct suspension and protection for the microphone.

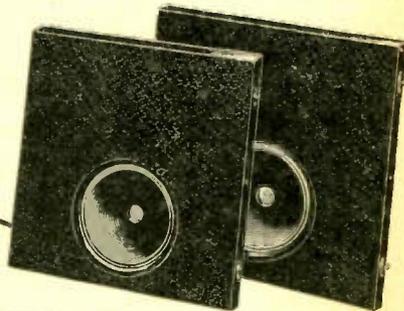
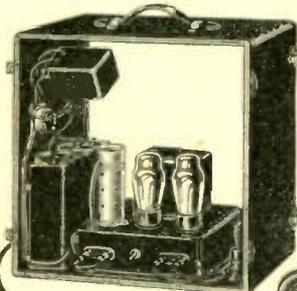
**P15792**—LAFAYETTE Push-Pull 2A3 Portable P. A. System complete with LAFAYETTE model 25 double button microphone and desk stand, Weston button current meter and complete kit of matched tubes. Shpg. wt. 65 lbs. **\$99.50**

**P15793**—Extra pair of matched speakers with self-contained field supply, in carrying case same as the one supplied with system. Shpg. wt. 80 lbs. **\$29.50**

If desired the above described system can be had without the Weston Meter at a \$5.00 reduction in net cost.

## NEW Lafayette 2A5 PORTABLE DUAL SPEAKER Public Address System

- Highly Efficient yet Compact in Size
- High Gain with 3 1/2 Watt Output



There are many uses for a really portable public address system that a man can carry single-handed and set up in a short time. The new Lafayette Dual Speaker System fills the bill perfectly. Not only is it compact enough to carry in a train or in the rumble seat of a car, but it also is a high quality electrical instrument incorporating the newest developments in amplifier practice.

### INGENIOUS CONSTRUCTION

Almost every cubic inch of space in the strong carrying case, measuring 15" square by 10" deep, is utilized. The two sides come off, and they act as baffles of two dynamic speakers mounted in them. These sides are equipped with folding feet that keep them upright when they are placed on a stage, lecture platform, show case, etc. Inside the case is a special amplifier using a type 57 tube coupled to a type 2A5 with an 5Z3 supplying plate current. The output of 3 1/2 watts is enough to work the speakers to capacity. Just plug the line cord into any A. C. outlet and the outfit is ready to operate.

A sensitive single button microphone is supplied with this unit. Microphone current is furnished by dry cells in a box next to the amplifier. A gain control on the side of the case permits smooth and quiet adjustment of the volume from a whisper to a roar. The person at the "mike"

can talk in a very quiet tone and still have his words come out of the speakers like thunder.

### HIGH EFFICIENCY ATTAINED

In the design of a portable amplifier every part must justify its weight. Lafayette engineers have carefully gone over the entire circuit and have realized the absolute maximum from the apparatus. Dimensions are 15" square, 10" deep. Maximum shpg. wt. 50 lbs.

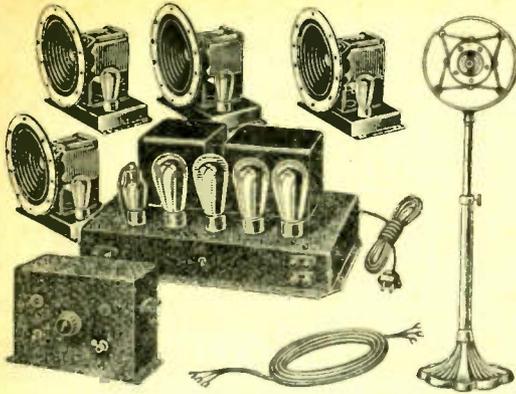
**P15765**—Lafayette Dual Speaker 2A5 Portable Public Address System. With single button Hand Microphone, less tubes. List Price \$85.00 **\$37.50**

**P15734**—Same as above but with double button Hand Mike. **\$42.50**

**P15736**—Same with two button Mike and Floor Stand. **\$45.50**

**P15737**—Complete Kit of Matched Tubes for above described amplifiers: 1-57, 1-2A5, 1-5Z3. **\$2.25**

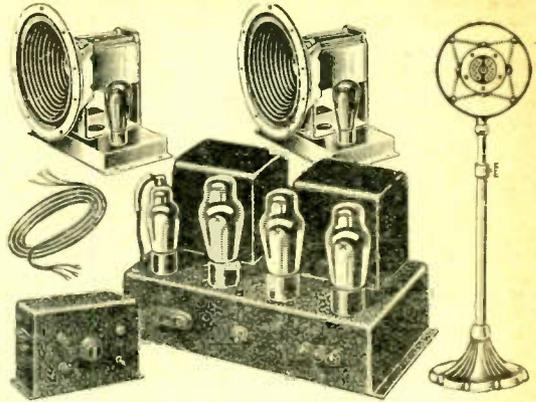
## Lafayette 250 Public Address System



Everything needed for a powerful Public Address System capable of covering as many as 3000 people is included in this outfit, which is ideal for Auditoriums, Race Tracks, Dance Halls, etc. The main unit is the De Luxe Lafayette 250 Push-Pull Amplifier, which has an output of 15 watts undistorted power. The perfect clarity and uniform response of this high grade amplifier is a delight to the ear. This amplifier like all amplifiers in the Lafayette line is designed for continuous operation and hard service. Once installed it requires practically no attention and may be operated by inexperienced persons. It is a Lafayette custom built product. Complete outfit consists of the following: 1 De Luxe Lafayette 250 Push-Pull Amplifier, completely assembled and wired; 1 Lafayette model 50 Double Button Microphone, with De Luxe adjustable Floor Stand and 25 ft. of Mike Cable; 1 Microphone Pre-Amplifier and Control Box; 4 special Matching Transformers (mounted on speakers), so that speakers may be located at any distance from the amplifier; and 4 R. C. A. 106 type A. C. Dynamic Speakers. The amplifier included in this outfit is capable of handling as many as eleven speakers with ease. While only four are included, at price quoted, it is of course possible to add as many as desired up to the full capacity of the amplifier. Prices on additional speakers will be found elsewhere in this catalog. Shpg. wt. 235 lbs.

**P15789**—Public Address System complete with Matched Tubes. List Price \$375.00  
**Your Cost**.....**\$149.50**

## Lafayette Push-Pull 2A3 Public Address System



A complete, powerful, 10 watt Public Address System sufficiently large for the average installation. Tone quality is exceptionally fine and reproduction is clear and lifelike, so important in all public address installations, yet seldom obtainable, with this unusually large output, at so low a price. Only the finest quality components are used in this amplifier, and are sufficiently oversized so that the system may be used continuously without the slightest fear of overheating. Complete system includes: 1 Lafayette P. P. 2A3 Amplifier.

1 Lafayette Sr. Input Stage, 1 Lafayette Model 25 Microphone with adjustable floor stand and 25 ft. of mike cable, 2 Speaker to Line Matching Transformers (mounted on speakers), so that speakers may be placed any distance from the amplifier, a Matched Kit of Tubes, and 2 RCA Victor 106 Type A. C. Speakers. While only two speakers have been included it is of course possible to add as many as you wish up to the full capacity of the amplifier. Everything included in this outfit has been chosen with but one idea in mind—to obtain the finest possible system with this particular output wattage. Shpg. wt. 85 lbs.

**P15708**—Complete P. A. System as described with matched tubes.  
**Your Cost**.....**\$74.75**

**P15709**—Same as above but with P. P. 2B6 Amplifier having an output of 12 watts and fully described on page 58. Complete with tubes  
**Your Cost**.....**\$77.50**

**The various Public Address Systems and Amplifiers listed on this and adjacent pages represent average installations. Should you have any special problem, requiring equipment other than that listed here, our Engineering Department is at your service to design and build suitable equipment and to assist you in its installation.**

## Lafayette Complete 28 Watt Class "B" P. A. System

- ★ Tremendous Power Output
- ★ Suitable for Gatherings up to 10,000 People
- ★ Clear Reproduction—Perfect Tone Quality
- ★ Complete Outfit—Simple Installation

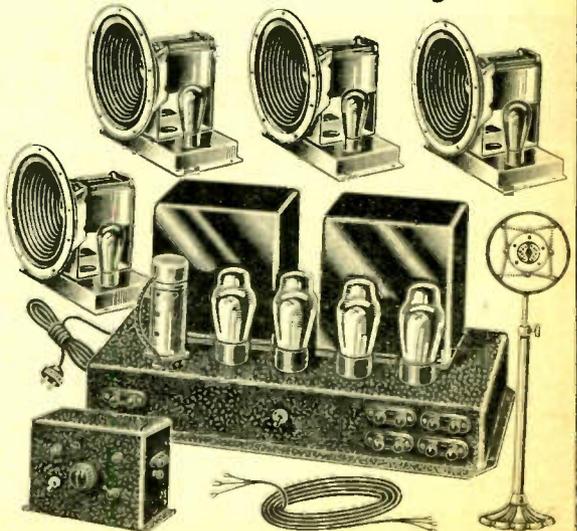
With the proper accessories, the Lafayette Class "B" Amplifier makes an ideal P. A. system, capable of carrying voice and music to indoor crowds of as many as 10,000 people. The amazing performance of the Lafayette Class "B" Amplifier is made possible by the advanced engineering principles involved in its design and the very high quality of its components. Its output is really tremendous, and must be heard to be appreciated. It is ideal for permanent installations in theatres, churches, dance halls, skating rinks, lodge rooms, etc.

### SPECIAL MATCHING TRANSFORMERS

By means of the special matching transformers mounted on the speakers, the loud speakers may be placed in the most advantageous positions, regardless of the length of the connecting lines, and will all produce uniform results. This is very important from the standpoint of good reproduction.

Service men or sound specialists can buy a complete system, as illustrated above, or they may select as many of the accessories as they need for a particular installation. All the parts listed are guaranteed to be up to the usual high Lafayette standard.

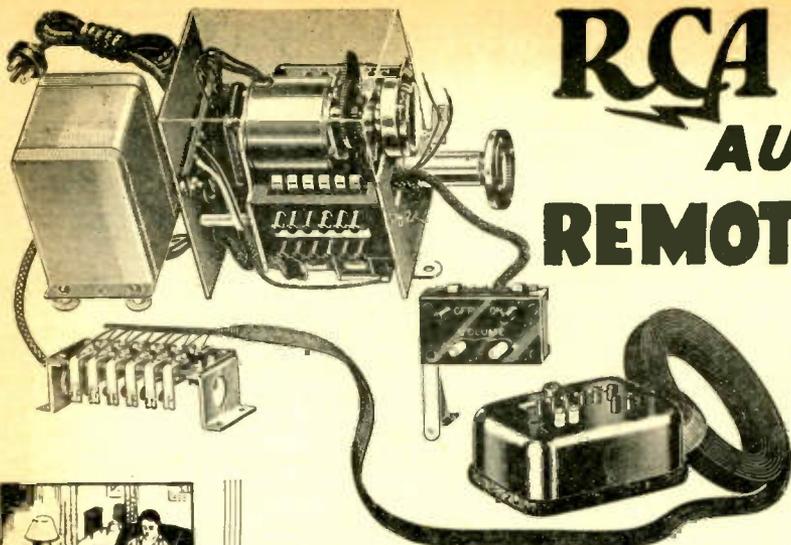
**P15720**—Complete Public Address System consisting of the following: Class "B" 28 Watt Amplifier as described; 1 Lafayette Model 50 Microphone, with De Luxe Floor Stand and 25 ft. cable; 4 Special RCA Victor 106 type A. C. Speakers; 1 Pre-amplifier Control Box. Complete with tubes. Shpg. wt. 165 lbs. List Price \$350.00  
**Your Cost**.....**\$144.50**



**P15781**—Same as above but with 10 RCA Victor 106 type A. C. Speakers and matching transformers mounted on speakers. Shipping weight 310 lbs. List Price \$550.00  
**Your Cost**.....**\$219.00**

The Lafayette 28 Watt Class "B" Amplifier included in this P. A. System has a handling capacity of twenty dynamic speakers at full volume. It is listed with four and with ten speakers but can of course be operated with any number up to the full capacity of the Amplifier. Write for prices on additional speakers desired.

# RCA Victor AUTOMATIC REMOTE CONTROL



**\$12<sup>50</sup>**  
**COMPLETE**

### Simplicity of Operation

The Remote Control feature is unique in that it not only allows control of the receiver from a distant point but also pre-selects the desired station accurately. Manual tuning, other than necessary for the original setting of the selector buttons, is therefore eliminated. Selection of any one of six stations, adjustment of volume control, or turning the receiver on or off may be accomplished at one or more remote points from the receiver. The remote consists of a capacitor motor coupled to the gang condenser through a series of gears; a series of drums and contactors by which the motor is started in the right direction for a given station and stopped at the right point; a special volume control geared to the motor; a relay to turn the set on or off and a remote control box by which these operations are controlled.

### Completely Automatic

A pilot lamp is located on the remote control box, a common lead is used for the lamp and the selector buttons, by doing this, when a selector button on the box is pressed, the current through the common lead is increased, likewise the voltage drop in the lead is increased. The result is that while the motor is running the pilot lamp becomes very dim. As soon as the motor stops, the lamp flashes bright, thus indicating that the motor has stopped and the station is tuned in. If the station is not then heard, it is necessary to press the + volume control button a little at a time until the desired output level is obtained.

### Controls the Entire Receiver from a Distance Up to 75 Feet

The cable to the remote control box supplied with the remote control is twenty-five feet in length. If, however, it is desired to place the remote control box at a greater distance from the set, any twelve conductor cable, the wires of which are No. 14 or larger in size, may be used to splice onto the regular cable and increase the total length up to seventy-five feet.

### Adaptable to Most Radio Receivers and Tuners

The control unit, excluding the transformer and capacitor pack, is 5" long, 4 1/4" deep, 6" high, overall. Drive shaft extends 2 1/4" from housing including gear, center of gear is 2 3/4" from front of control housing. A full set of instructions and service notes supplied with each unit, this explains in detail the full operation of this device and one should have very little trouble installing it in most receivers. For operation of 110 volt, 60 cycle only. Shipping weight 20 lbs.

**Y19425—Your Cost**

**\$12.50**

Send for your copy of our four page Bulletin describing in detail this Automatic Remote Control Chassis, as published in Radio News for April, 1933.



## Lafayette P.A. TUNER WITH REMOTE CONTROL

**\$37<sup>50</sup>**  
**LESS TUBES**

With Lafayette Remote Control Tuner it is now possible to have a public address system complete with radio, which may be operated from any distant point! A system heretofore available only to those who could afford an elaborate layout running into hundreds of dollars.

### Public Address Tuner

The new Lafayette Tuner is incorporated in this unit which employs all the latest developments in tubes and circuit design. A band pass selector utilizing a four gang condenser, together with two stages of tuned radio frequency, results in 10 K. C. selectivity, without side band cutting, or suppression. The new high gain R. F. and detector pentodes, as well as very high gain Litz wound radio frequency coils, makes possible a sensitivity never before obtainable from a T. R. F. circuit. Each stage is well shielded, and filtered to prevent any chance of oscillation regardless of the type of amplifier, and power supply system used.

Because tone was considered the primary factor in the development of this tuner, the T. R. F. circuit was selected instead of a superheterodyne. Two 58 R. F. pentodes and one 57 detector pentode enable this receiver to handle

enormous radio frequency signals without cross-modulation and modulation distortion.

### Adaptability

The detector of this tuner is such that it may be adapted to any amplifier by simply connecting one lead to the grid of the first audio tube, regardless of the type of tube employed. Tuner has its own filament supply, and requires 180 to 250 volts B supply, which may be obtained from the average amplifier power supply. The current drain when the volume control is at maximum is only 25 M. A. The average drain is about 10 M. A.

The Lafayette Remote Controlled P. A. Tuner will fit a standard W-E rack. Chassis dimensions are 17 1/2" wide, 8" high, and 8 1/4" deep. Shpg. wt. 30 lbs. Lafayette Remote Control Tuner, assembled as illustrated, less tubes.

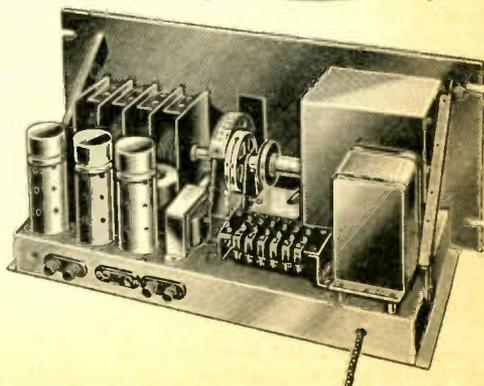
**P15700—Your Cost** ..... **\$37.50**

Lafayette P. A. Tuner only, less panel, Remote Control and tubes. Chassis dimensions 8" wide by 10" deep by 7" high. **N13846** ..... **\$17.95**

**Your Cost** ..... **\$17.95**

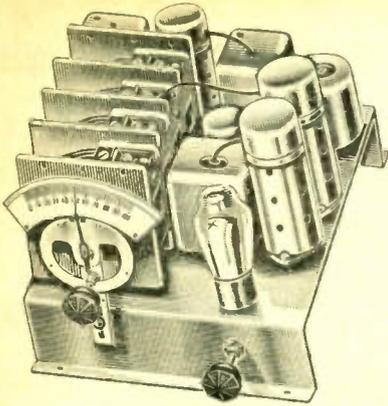
Matched set of tubes consisting of 1-57, 2-58. **P15702—Your Cost** ..... **\$2.25**

**P15702—Your Cost** ..... **\$2.25**



"B" eliminator for Tuner, complete with one UX280 tube. Delivers 250 volts at 30 mlla. Shpg. wt. 16 lbs. **P15701—Your Cost** ..... **\$7.95**

# NOW! A Lafayette "SUPER-HET" P. A. TUNER



- ★ Extremely Selective—10 Kc. Separation
- ★ New Exclusive LAFAYETTE Circuit
- ★ 3½ Microvolt per Meter Sensitivity
- ★ Quick Acting Automatic Volume Control
- ★ New Pentagrid Tubes
- ★ Diode Detection for Distortionless Output
- ★ Preselection with Four Gang Condenser
- ★ Thoroughly Shielded to prevent oscillation
- ★ Self Contained Filament Supply
- ★ Compact in size—easily mounted

Now Lafayette presents a new super-selective tuner that is truly the finest Public Address System Tuner ever built. It incorporates every modern development in tuner design plus a new and novel circuit that is exclusively Lafayette. It is actually a six-tube tuner using only four tubes.

### New Tubes Used

The new 2A7 Pentagrid tube that serves both as Oscillator and combined First Detector and Modulator is used. Also the new 2B7 that combines the functions of I. F. Amplifier—Second Detector—Automatic Volume Control. In addition a Multi-Mu 58 is used in a T. R. F. Stage and a 56 in an optional audio stage.

### New Novel Circuit

The circuit incorporating many exclusive Lafayette features is as follows: a pre-selector stage followed by a tuned R. F. stage that increases sensitivity and prevents repeat spots or image frequency; feeding into a combined oscillator—First Detector—Modulator Stage; and into a combined I. F.—Second (diode) detector—automatic volume control stage. Two models are made, one for use with low gain amplifiers having a gain of less than 60 db., and for line transmission work, this has an extra audio stage using a 56 tube. The other, for use with amplifiers having a high gain of over 60 db., is without this audio stage.

### Tuning Meter Easily Attached

The B power change—33 M. A. without signal and 12 M. A. with signal—makes it very simple to connect a tuning meter, all that is

necessary is to insert the meter in the high voltage supply lead. B current required is a maximum of 275 volts well filtered, supplied either by the amplifier or by a separate B supply.

### Extremely Selective

Extremely good selectivity has been obtained in the design of this tuner without loss of tone quality yet, providing ample 10 Kc separation. Image ratio is exceptionally favorable, being 10,000 to 1.

### Sturdily Constructed

Every care that would make for better construction and better material has been taken. Only the highest quality components used throughout. Very compact—8" high, 6½" wide, 9¼" deep. Comes complete with own filament supply (built-in) attachment cord and plug and leads for connecting to amplifier. Complete instructions for connecting and use. Shpg. wt. 14 lbs.

**N13828**—Three-tube Lafayette Super-Het Tuner for high gain amplifiers, less tubes. **\$22.50**

**Your Cost**.....

**N13829**—Kit of Matched Tubes for Above. **\$3.45**

**Your Cost**.....

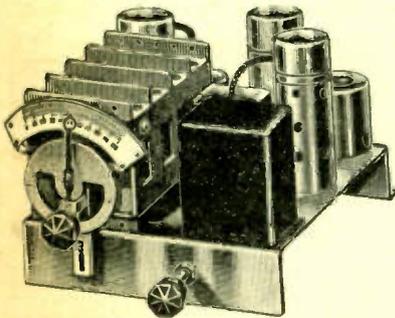
**N13830**—Four-tube Lafayette Super-Het Tuner for low gain (under 60 Db.) amplifiers, less tubes. **\$24.50**

**Your Cost**.....

**N13831**—Kit of Matched Tubes for Above. **\$4.16**

**Your Cost**.....

## Lafayette "T. R. F." P. A. TUNER



Where TONE QUALITY is of paramount importance and extreme selectivity such as provided in the Lafayette "Super-Het" tuner described above is not absolutely necessary then we heartily recommend this Tuned Radio Frequency P. A. Tuner. Providing more of the side bands, so necessary for overtones and shading, this circuit is somewhat better for obtaining the finest tonal qualities possible from a radio receiver.

Incorporating the latest development in tubes and circuit this Tuner was designed to meet the demand for an ideal "radio pick-up" for theatres, hotels, clubs and public address power amplifier systems. While it was designed for use with the Lafayette Power Amplifier, it will give excellent performance with any good power amplifier. High Selectivity—With its four tuned circuits with approximately 10 K. C. selectivity, and its band-pass selector there is practically a complete elimination of side band suppression, making possible the very finest tone quality, especially when used in conjunction with the Lafayette Power Amplifier. The new 58 type tubes used in the two radio frequency stages handle the usual signal voltages without cross-modulation and modulation-distortion, and give a wide range to the sensitivity control without affecting the tone quality or selectivity. Freedom from oscillation. Elimination of tube hiss and other background noises. Thorough shielding. The 57-tube detector circuit is such that the tuner may be hooked up with any standard audio input, by connecting one lead to the grid of the first audio tube of any amplifier; type of tube does not matter. Tuner has its own filament supply, and requires 180 to 250 volt "B" supply at 25 M. A. from filtered supply of Power Amplifier. Furnished with cord and plug, and attachment leads to amplifier. Size: 10" deep, 8" wide, 8" high. Shipping weight 12 lbs.

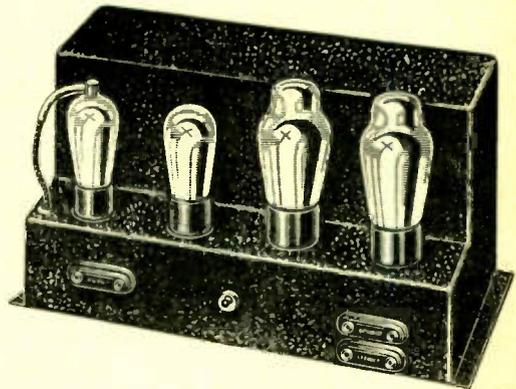
**N13846**—Complete, less tubes. **\$17.95**

**Your Cost**.....

Kit of matched tubes 1-57 and 2-58's. **\$2.45**

**Your Cost**.....

## Lafayette D. C. Amplifier



Listen, you long suffering residents of D. C. districts: Lafayette engineers have just finished a D. C. amplifier that is a knockout: No more weak results or wasted current: The new Lafayette D. C. amplifier has an output of 5 watts, and works five or six dynamic speakers with all the "push" that has been possible to date only with A. C. amplifiers. The new type 48 (30 volt filament) tubes help do the trick. Three stages of amplification are used: a type 36 capacity coupled to a 37, this in turn feeding two 48s in push-pull. The overall gain is 90 db. This is the first D. C. amplifier that has honest-to-goodness "wallop" and we recommend it very highly. Absence of wasteful line resistors makes this amplifier extremely economical and eliminates the hazard of fire. Output impedances of 5, 15 and 500 ohms are available for loud speaker matching. This is a regular Lafayette product, built to our usual high specifications. All metal construction; chassis measures 12¼" long, 8½" deep and 8¾" high.

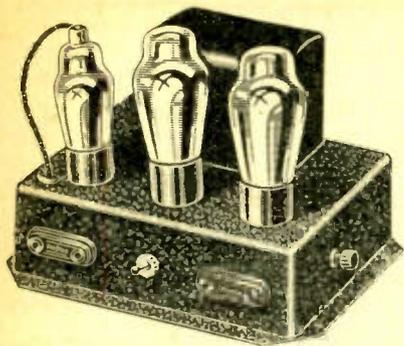
**P15785**—Lafayette D. C. Power Amplifier, completely assembled and wired. Less tubes and loud speaker. Dimensions, 12¼" long, 8½" deep, 8¾" high. Shipping weight 15 lbs. List Price \$50.00

**Your Cost**..... **\$19.50**

**P15786**—Complete with matched kit of tubes consisting of 1-36, 1-37, 2-48s. **\$23.75**

**Your Cost**.....

# A Sensational *Lafayette* Development!



## The "LITTLE HERCULES" 2B6 SIX WATT AMPLIFIER

At an Extremely  
**LOW PRICE** **\$14.95**

• High Gain • High Fidelity

### 2B6 Six Watt Amplifiers

Lafayette Engineers worked for months with the co-operation of tube manufacturers in the development of this sensational new amplifier. It has an output of **Six Watts** (peak 8 watts) which is greater than a pair of 245's and is sufficient to drive from four to five dynamic speakers yet sells at a price far less than anything of equal capabilities. Its compactness in contrast to other amplifiers of equal output is startling.

#### NEW CIRCUIT

The "Little Hercules" Amplifier employs a 57 tube which is resistance coupled to the new 2B6 duo-triode in a special newly developed Lafayette circuit. This circuit is an exclusive Lafayette feature, and required months of careful research and testing.

#### HIGH GAIN

The exceptionally high gain of 80 db. makes it possible to use this amplifier for all ordinary microphone purposes **without the use of a pre-amplifier**. Yet in spite of this high gain by the use of heater type tubes and a carefully designed power supply system **hum has been practically eliminated**, a feature of particular importance where perfect tone quality is desired.

#### HIGH FIDELITY

The non-critical load conditions required by the new 2B6 tube result in extremely high fidelity, a very valuable feature especially when used for **recording** purposes. The response curve has an exceptionally flat

characteristic and reproduction of both voice and music is very realistic. Comparison with other amplifiers at anywhere near this price will prove it convincingly.

#### FINEST CONSTRUCTION

In building this amplifier only components of the highest quality are used so that failure due to breaking down of any part is practically unknown. All components are considerably oversize and are capable of carrying twice the load that they will ever be called upon to handle. Like all Lafayette amplifiers this one has been designed for continuous operation so that it will not overheat and can be used for call systems, etc., where the amplifier must be "alive" at all times. Chassis is of heavy gauge steel with spot welded corners.

#### LOW PRICE P A SYSTEM

With this new amplifier a very low price Public Address System of considerable power can be assembled. It is only necessary to add a microphone, either single or double button, with a suitable transformer, two dry cells, a pick-up and turn table and up to four or five dynamic speakers. These items are listed elsewhere in this catalog at very low prices and thus the entire system is exceptionally low in price.

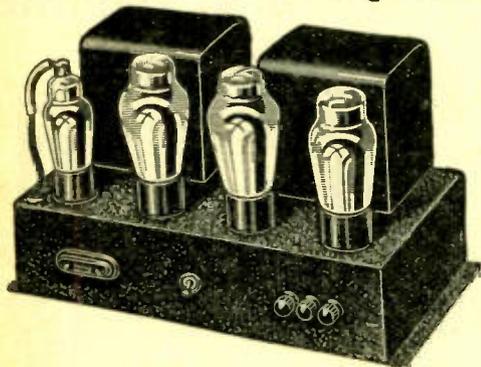
**P15787**—Lafayette 2B6 Amplifier completely wired and assembled. Size 8½" wide, 6" deep, 5¼" high. Shpg. wt. 17 lbs. **\$14.95**

**Your Cost**

**P15788**—Kit of matched tubes, 1-57, 1-2B6, 1-5Z3 **\$2.95**

**Your Cost**

## *Lafayette* P. P. 2B6 12W. Amplifier



A further development of the new Lafayette 2B6 Amplifiers, this one, a Push-Pull model with an output of **Twelve Watts** (15 watts peak). Uses a 57 resistance coupled to a pair of 2B6's in push-pull. There are no transformers used, with exception of the output transformer, thus assuring unusually flat frequency response. The amplifier may be purchased with or without an output transformer having the following secondary windings: 1 500 ohm line and 2 to 8 ohm voice coil. The unusually high gain of 75 db. makes it possible to use this amplifier for microphone use under ordinary conditions without the need of a pre-amplifier stage. It is suitable for use with microphone, pick-up, recorder, or any P. A. System.

The power supply using a 5Z3 tube as rectifier has a choke input filter system which maintains good voltage regulation and has an extremely low hum level. Chokes of very low resistance further assure good regulation.

#### RUGGED CONSTRUCTION

Built of the highest grade components with a capacity twice that which they will ever be called upon to carry this amplifier will give long trouble free service under the most severe conditions of continuous operation. Size 12x7x7½" high. Shpg. wt. 40 lbs.

**P15782**—Lafayette P. P. 2B6 Amplifier less transformer. **\$24.75**

**Your Cost**

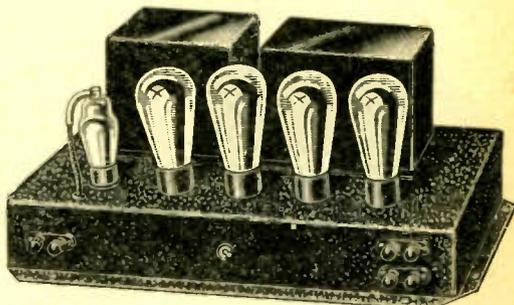
**P15783**—P. P. 2B6 Amplifier with output transformer having: One 500 ohm line and voice coil winding for 2 or 8 ohm. **\$27.75**

**Your Cost**

**P15784**—Kit of matched tubes, 1-57, 2-2B6, 1-5Z3 **\$3.95**

**Your Cost**

## *Lafayette* Direct Coupling 250 Push-Pull



The 250 Push-Pull Amplifier has been designed to take full advantage of the unique Direct Coupling principle and is recommended to those requiring greater power and coverage than that provided by the other units described on this page. Its stability of operation is amazing and trouble usually arising from unmatched 250 tubes is completely eliminated. More amplification is obtained than from any other amplifier using the same tube combination. Has enormous output of fifteen watts, capable of operating eleven full size dynamic speakers at high volume and will provide ample volume to cover audiences of 2000 to 3000 persons making it ideal for use in small theatres, clubs, etc. The frequency characteristic taken between 30 and 8000 cycles is comparatively flat as the curve taken on the amplifier shows only 4 db. drop at 10 KC., a remarkable performance. The curve shows a gain of 65 db. at 400 cycles. Circuit consists of a type 57 feeding into the push-pull 50's, with two 81 half-wave rectifiers supplying high voltage for the plates. Output impedances, 500 and 4000 ohms. This adapts it for line transmission work as well as high impedance speakers.

**P15742**—Lafayette Direct Coupling 250 Push-Pull Amplifier, less tubes and speakers. Dimensions, 11¼" deep, 20" long, 8" high. Shipping weight 55 lbs. For 105-120 volts, 50-60 cycles A. C. List Price \$100.00 **\$42.50**

**Your Cost**

**P15722**—Complete amplifier with tubes, consisting of 1-57, 2-50's, 2-81's **\$52.75**

**Your Cost**

**A404**—Special speaker transformer to match 500 ohm amplifier output to 2-4-8-15 ohm voice coils, one required for each speaker. Primary 250 or 500 ohm. Shpg. wt. 6 lbs. **\$2.75**

**Your Cost**

# Dynamic Units & Trumpets for P.A. Systems

## RACON Dynamic Speaker Units Giant Unit



A powerful Dynamic Unit especially designed for use with trumpet type horns. Handles 20 watts continuously or 50 watts peak. Has 15 ohm voice coil and requires 6-8 volts at 1.1 amps for field excitation. Has threaded collar for attaching horn or the triple connector described below. Shpg. wt. 26 lbs.

Less transformer. **W19265—Your Cost Each... \$29.40**

### Racon Master Unit

Similar in appearance to the above unit. Continuous operating capacity 20 watts, peak 50 watts. 15 ohm voice coil; 6-8 volts at 1.1 amps. field current. Shpg. wt. 18 lbs. Less coupling transformer.

**W19266—Your Cost... \$23.52**

### Coupling Transformers

A400—Coupling Transformer for all units described 500 ohms impedance.

**Your Cost Each... \$11.76**

A402—As above 4000 ohms impedance.

**Your Cost Each... \$11.76**

## RACON Junior

Handles 10 to 12 watts continuously or 25 watts peak. 15 ohm voice coil. 6 to 8 volts at 1.1 amps. field current. Shpg. wt. 11 lbs. Complete, less Coupling Transformer.

**W19267—Your Cost... \$19.10**



## RACON Baby



Continuous operating capacity 5 to 7½ watts; peak capacity 20 watts. Voice coil 15 ohms. Field current, 6 volts at 1¼ amps. Shpg. wt. 9 lbs. Complete, less coupling Transformer.

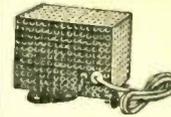
**W19268—List \$25.00 Your Cost Each... \$14.70**

## RACON Super Giant



Particularly adapted for theatre and auditorium. 6 to 8 volt field excitation. 1.1 ampere consumption at 6 volts. 15 ohm voice coil impedance. Continuous operating capacity 25 watts. Peak load capacity 50 watts.

Shpg. wt. 20 lbs. **W19754—List \$60.00 Your Cost... \$35.28**



## Dynamic Field Exciters

Units for supplying proper field current to above Racon units from 110 volt A. C. supply line. Will not overheat or hum. Shipping weight 12 lbs.

**W19271—For one Racon Unit. List \$20.00 Your Cost Each... \$11.76**

**W19272—For 2 Racon Units. List \$35.00 Your Cost Each... \$20.58**

**W19273—For 4 Racon Units. List \$60.00 Your Cost Each... \$35.25**

## RACON Connectors

For connecting several trumpets to one unit. For use where great coverage must be realized from a single unit. Neatly finished and sturdily made of brass with threaded collars 7/8"x18" for horns and unit. Dispersion angle 90°. For dual and 105° for triple. Shpg. wt. 10 lbs.

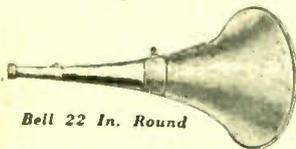


**W19735—Dual. List \$13.50 Your Cost... \$7.94**

**W19736—Triple. List \$17.50 Your Cost... \$10.29**

## RACON Reproducers

Made of fabric, impregnated and hardened. They are guaranteed to withstand all climatic temperatures and moisture without effect. Light in weight and non-porous.



Bell 22 In. Round

### 3½ Ft. Trumpets

**STORMPROOF MODEL.** Equipped with metal beaded edge, cast aluminum ferrule and suspension ring. Guaranteed for 1 year. For outdoor use in all climates and weathers. Shipping weight 20 lbs.

**Y19788—List Price \$40.00 Your Cost Each... \$23.52**

**DeLUXE MODEL.** Equipped with metal beaded edge, cast aluminum ferrule and suspension ring. For indoor or temporary outdoor use. Shipping weight 17 lbs.

**Y19789—List Price \$25.00 Your Cost Each... \$14.70**

**REGULAR MODEL.** Equipped with metal beaded edge, metal ferrule and suspension ring. Adapted for 7/8"—18 thread unit. For indoor use only. Shipping weight 17 lbs.

**Y19790—List Price \$20.00 Your Cost Each... \$11.75**

### 4½ Ft. Trumpets BELL 24" ROUND

**STORMPROOF MODEL.** Equipped with rolled on beaded edge and half length cast aluminum tone arm. Two sections easily assembled or disassembled. Especially made for outdoor use. Guaranteed for all climates and

weathers. Three suspension points. Coupling for attaching unit. Shpg. wt. 15 lbs.

**Y19740—List \$55.00 Your Cost... \$32.64**

**DeLUXE MODEL.** A special model for indoor use. Has rolled on beaded edge and half length cast aluminum tone arm. Can be taken apart or put together in a few moments. Three suspension points are provided. Has a special flexible coupling to attach unit. This model though medium in size and moderate in price is suitable for most installations. Shipping weight 13 lbs.

**Y19741—List \$40.00 Your Cost... \$23.50**

### 6 Ft. Trumpets BELL 30" ROUND

**STORMPROOF MODEL.** Equipped with metal beaded edge, cast aluminum throat and 4" suspension ring. For outdoor use in all climates and weathers. Shipping weight 35 lbs.

**Y19791—List Price \$65.00 Your Cost Each... \$38.22**

**REGULAR MODEL.** Equipped with metal beaded edge, cast aluminum throat, and 4" suspension ring. For indoor use only. Shipping weight 31 lbs.

**Y19792—List Price \$50.00 Your Cost... \$29.40**

## RACON Triple Trumpet

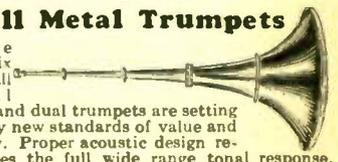
A special design for use where a wider coverage than is possible with a single trumpet is desired. Will distribute the sound evenly over an angle of 105°. Uses only a single unit and distributes the output equally through each trumpet without choking or reducing the efficiency of the unit. Three, four and one-half foot trumpets with 24" round bells are used. Trumpet bells

are made of a special non-vibrating Racon Acoustic Cloth with a rolled metal beaded edge. A half length cast aluminum tone arm on each trumpet is equipped with a special coupling that makes it easy to disassemble the entire unit. Triple connector is made of brass with threaded collars for both trumpets and unit. Any of the standard units used with a suitable amplifier will operate this trumpet. Shpg. wt. 30 lbs.

**Y19747—List \$120.00 Your Cost... \$70.56**

## RACON All Metal Trumpets

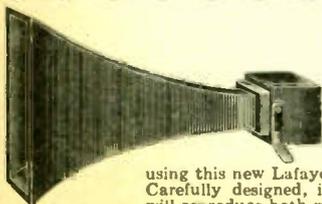
These new six foot all metal single and dual trumpets are setting entirely new standards of value and quality. Proper acoustic design reproduces the full wide range tonal response. Suitable for use in theatres, auditoriums and wherever directional long distance coverage is desired. Extremely light weight and complete immunity from weather and atmospheric action make them particularly well adapted to outdoor and sound truck use. Demountable into four sections with felt washers between, makes them easy to carry. Equipped with cast aluminum throat, sturdy clamping edges and reinforced bell rim.



**6 Ft. Single Trumpet Shpg. wt. 20 lbs. Y19745—List \$50.00 Your Cost... \$29.40**

Similar to above but for two units. Shpg. wt. 25 lbs. **Y19746—List \$60.00 Your Cost... \$35.28**

## NEW Lafayette P. A. 6 Volt Cone Unit & Trumpet



Now all the richness of a full rounded tone, such as only a cone speaker provides, can be had with your public address system by

using this new Lafayette Cone Unit and Trumpet. Carefully designed, it is acoustically correct and will reproduce both music and voice with startling

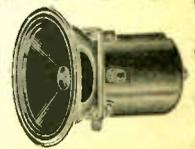
clarity of detail and without stressing any particular frequency in the tonal range. The Unit is a specially designed dynamic cone capable of handling 15 watts continuously and has a very large field. This large, powerful field makes the speaker unusually sensitive assuring a high ratio of acoustic output to electrical input. The field despite its large size and great power consumes only from 1 to 1¼ amperes at 6 volts. The 6" cone is made of a special acoustic paper that will withstand enormous volume without danger of damage or deterioration. The voice coil is 1¼" in diameter and is wound to an impedance of 8 to 12 ohms. A very flexible spider assures a perfectly centered

voice coil. The entire unit is constructed of the highest quality materials and finished in bright cadmium plate. Overall dimensions are 5¾" deep, 6¼" in diameter. The Lafayette Trumpet is made of a specially developed wood base material that is non-resonant and has no tendency to stress or muffle the sound. It has been carefully designed so that the wave form is acoustically correct assuring the maximum results from the dynamic unit. Trumpet is 48" long with a bell 30" square and comes complete with brackets for mounting and a weatherproof bell cover that protects the cone diaphragm when speaker is not in use.

**W19830—Lafayette P.A. Cone Unit. Shpg. wt. 10 lbs. \$12.75 Your Cost**

**W19831—Lafayette P.A. Trumpet. Shpg. wt. 20 lbs. \$15.50 Your Cost**

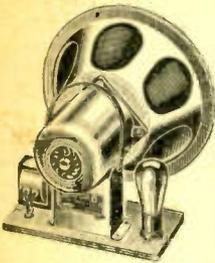
**W19832—Lafayette P.A. Speaker complete. Shpg. wt. 30 lbs. \$26.00 Your Cost**



**We Will Not Knowingly Be Undersold**

# Oxford Dynamic Speakers!

## 12 1/2" Concert Models A.C.-D.C.



An exceptionally fine and ruggedly built speaker with a very large and powerful field. Frequency response is unusually flat providing excellent tone quality and great clarity. Constructed of the finest quality materials throughout and carefully finished in bright cadmium plate, this speaker is attractive in appearance as well as outstanding in performance. It has been designed to safely handle an output of 12 watts continuously. D. C. model has a standard 2500 ohm field. A. C. model has a built-in field supply consisting of transformer, filter condenser, tube socket, etc., and uses a 280 tube as rectifier. These speakers are available with transformers to match various output tubes as per note at bottom of page. When ordering specify type of transformer desired. Size, 13 1/2" high, 12 1/4" wide, 11 1/2" deep. Shpg. wt. A. C. 30 lbs.—D. C. 24 lbs.

former, filter condenser, tube socket, etc., and uses a 280 tube as rectifier. These speakers are available with transformers to match various output tubes as per note at bottom of page. When ordering specify type of transformer desired. Size, 13 1/2" high, 12 1/4" wide, 11 1/2" deep. Shpg. wt. A. C. 30 lbs.—D. C. 24 lbs.

W19156—A. C. 12 1/2" Concert Model, less tube  
Your Cost **\$14.25**

W19157—D. C. 12 1/2" Concert Model  
Your Cost **\$8.75**

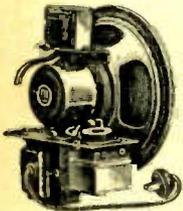
## 12 1/2" STANDARD MODEL

These speakers are similar to the above described models but have standard size fields and are therefore not quite as sensitive.

W19168—A. C. 12 1/2" Standard Model, less tube  
Your Cost **\$12.45**

W19169—D. C. 12 1/2" Standard Model  
Your Cost **\$6.75**

## 8 1/2" Dynamic Speakers A.C.-D.C.



An exceptionally fine value in dynamic speakers are these 8 1/2" models that will handle 6 watts continuously. Sturdily constructed and attractively finished in bright cadmium plate. A. C. model has built in field supply using 280 tube. Tube is not included. D. C. model has standard 2500 ohm field. Transformers to match any type of output tube, as per note at bottom of page, are available. Specify type desired when ordering. These speakers are designed especially for the set builder who desires

a medium sized speaker that will give both efficient and long-lived service. Field coil leads supplied with plug for 110 volt connection. Shpg. wt. 15 lbs.

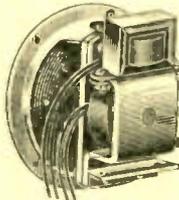
W19291—Oxford 8 1/2" A. C. Dynamic Speaker.  
Your Cost **\$6.25**

W19292—Oxford 8 1/2" D. C. Dynamic Speaker  
Your Cost **\$2.95**

## A.C.-D.C. Compact Model

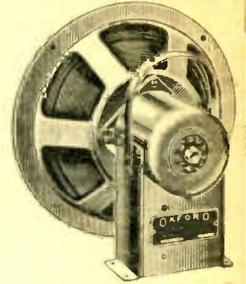
This very compact speaker designed for use in the popular A. C.-D. C. receivers will handle a surprising amount of volume without distortion. Standard 3000 ohm field and furnished with transformer for single 38 or 43 type tube. Excellent for use as a replacement for speakers not giving satisfactory results. Size: 6" high, 4 3/4" wide, 2 3/4" deep. Shpg. wt. 5 lbs.

W19293—Oxford A. C.-D. C. Model  
Your Cost **\$1.95**



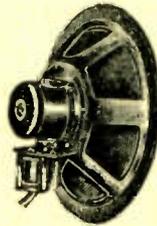
## 11" Class "B" Dynamic Speaker

Class "B" amplifiers demand a speaker that is unusually rugged in design and that has a particularly good response curve to assure good tone quality. With this in mind this new 11" Oxford Speaker was designed. Workmanship and materials used in its construction are of the finest. The large field is wound to a standard resistance of 2500 ohms. Output transformers are available to match various tubes as listed in the note at the bottom of this page. When ordering specify type desired. Entire speaker is attractively finished in bright cadmium plating, and a handle is provided to facilitate moving or carrying of the unit. Because of its ability to handle large amount of undistorted output, this speaker is ideally adapted for use with public address or centralized radio systems. Size 11 1/4" high, 11" wide, 6 3/4" deep. Shpg. wt. 17 lbs.



W19289—11" Class "B" Speaker.  
Your Cost **\$5.25**

## 11" Junior Model



A standard type of speaker that has proven very popular for use in radio receivers, small and medium sized amplifiers, etc. Ruggedly constructed and will handle considerable power without distortion. Standard field resistance of 2500 ohms and can be furnished with output transformer to match various output tubes as per note at bottom of page. Specify when ordering type desired. Bright cadmium plated. Shpg. wt. 13 lbs.

W19290—11" Junior Model  
Your Cost **\$3.65**

## Special 6" Midget Model

A special midget model 6" in diameter for use in all types of midget receivers. Has exceptionally fine tone quality with great clarity. Exceptionally rugged design enables this model to handle considerable volume without distortion. Standard 2500 ohm field and can be furnished with output transformers as listed in note at bottom of page. Specify type when ordering. Shpg. wt. 8 lbs.

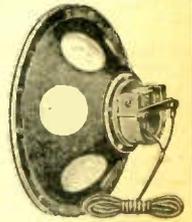


W19166—Oxford 6" Midget Model  
Your Cost **\$2.10**

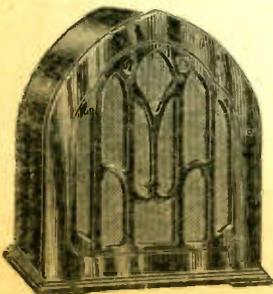
## Magnetic Speaker Chassis

This Magnetic Speaker Chassis is ideal for use in new radio receivers or as a replacement in old ones, and as an extension speaker for use on any type of radio set. Tone quality is lifelike and clear. Simple and rugged in construction with a powerful magnet made of a specially selected steel. Cone is made of a special moisture proof fabric formed to shape. Unit is of the balanced armature type. Shpg. wt. 7 lbs.

W19152—Magnetic Speaker Chassis  
Your Cost **\$1.45**



## Walnut Speaker Cabinet will fit any Dynamic or Magnetic Chassis up to 12" in Diameter



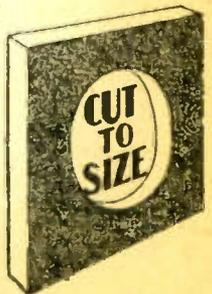
Rich, deeply grained, walnut with a satin smooth dull finish, fashioned into a speaker cabinet of rare beauty by master cabinet makers. This cabinet permits the placing of a speaker in the most luxurious surroundings without detracting one iota from the appearance of the room. Proper acoustic design provides the correct amount of baffling for pure tone reproduction. This cabinet will fit all speakers listed in catalog except Jensen Auditorium, Lafayette 14" Telephone type, Oxford 12 1/2" models, and we can supply the model 106A RCA Dynamic Speaker, especially cut to fit this particular cabinet. Other speakers both Magnetic and Dynamic up to 12" in diameter may also be used. Shpg. wt. 10 lbs.

Y19845—Inside dia. 14 3/4" high; 12 1/4" wide; 8" deep  
Your Cost Each **\$2.75**

## Celotex Dynamic Speaker Baffles

This material is ideal for speaker baffles, its non-resonant quality makes it far superior to wood for the purpose. It is inexpensive and is without doubt the finest sound insulator ever developed—guaranteed to be soundproof. On the two sizes below quoted without hole add 50c to net price if hole is desired and specify size of hole. All edges are carefully finished. Shpg. wt. 2 1/2 lbs. to a square ft.

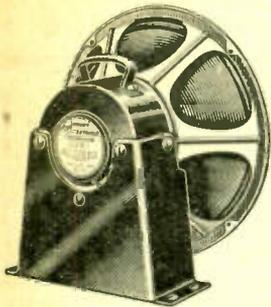
Stock No.	Size Inches	Size of Hole	Your Cost
Y19793	12x12"	7 1/2 or 9"	\$0.33
Y19794	18x18"	7 1/2 or 9"	.85
Y19795	24x24"	7 1/2 or 9"	1.50
Y19796	36x36"	9"	2.95
Y19797	48x48"	9"	4.95
Y19798	36x72"	No Hole	5.75
Y19799	48x72"	No Hole	7.50



OXFORD Speakers listed on this page are furnished for the following tubes: Single 38, 43; Single and Push-Pull, 71A, 45, 47, 59, 59 Class B, 89 Class A, 79, 53, 2A3, 2A5, 2B6, Parallel, 38, 47, 45. Specify type desired.

# Jensen ELECTRO-DYNAMIC SPEAKERS

## JENSEN Ortho-Dynamic Reproducer



The new Jensen Ortho-Dynamic models are a distinct improvement over general practice in loud speaker design and are exceeded only in all around ability by the Auditorium models. Careful design and precision manufacture combine to produce a speaker that is fully 250% more efficient than the ordinary speaker in the relation of output in acoustical measurement to electrical input.

Field coils are expected to dissipate 15 watts normally and the maximum recommended is 20 watts. Made in both D. C. and A. C. types. 110 V. D. C. Field Resistance 800 ohms. Standard models are provided with regular input transformers suitable for operation from 71A, 45, 50, or 246 tubes as Class B. Center taps are provided but may be disregarded for single tube circuits. 500 ohm line transformers are also available. Voice coil impedance is 5.4 ohms.

These models will handle 12 watts continuously with a peak input of 18 watts. Frequency response is unusually uniform from 30 to 5500 cycles. Finished in black and aluminum. A. C. models use 280 rectifier tube and come complete with tube. Shpg. wt. D. C. models 25 lbs.—A. C. models 35 lbs.

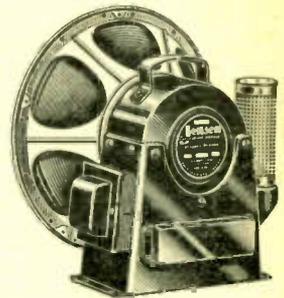
Stock No.	Field Volts	Input Transf.	List Price	Your Cost
W19256	110 D. C.	Regular	\$36.50	\$21.50
W19257	110 D. C.	500 ohm line	36.50	21.50
W19258	6 D. C.	Regular	36.50	21.50
W19259	6 D. C.	500 ohm line	36.50	21.50
W19260	110 A. C.	Regular	53.50	31.25
W19261	110 A. C.	500 ohm line	53.50	31.25

A. C. models are for 50 to 60 cycle.

## JENSEN Auditorium Models

Years of constant research and improvement in previous Jensen Auditorium Electro-Dynamic Speakers now leads to the new Auditorium Models—the most progressive step ever made in electro-dynamic speaker design. In sound output these new Auditorium Speakers are 400% more efficient than the conventional type. Bass response is unusually good, without any "boom" effect. Jensen Auditorium Speakers are fully capable of handling continuously 20 watts of energy, but the sound output from 20 watts electrical input is at least three times greater than that from other speakers of equivalent cone area.

Construction and performance are beyond comparison. Dimensions: Overall width, 13<sup>3</sup>/<sub>16</sub>"; overall height, 13<sup>3</sup>/<sub>16</sub>"; depth, 8<sup>1</sup>/<sub>16</sub>". Baffle opening 12". Shipping weight D. C. 48 lbs., A. C. 56 lbs.



For 110 Volts A. C.

W19246—For P-P 45s, 50s

W19197—For P-P 46s

List \$76.50—Your Cost.....

**\$45.00**

(A. C. Models use the new '82 mercury vapor rectifier, and are priced with the tube.)

For 110 Volts D. C.

W19248—For P-P 45s, 50s

W19198—For P-P 46s

List \$51.50—Your Cost.....

**\$29.95**

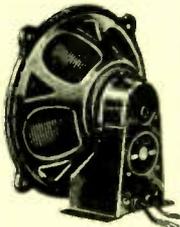
(Auditorium Models are equipped with input transformers and can be furnished to match all standard impedances.)

Auditorium Models listed above are made in two types, one the Model "M," is intended for all general uses. It has a very uniform frequency response. Model "V," is chiefly intended for voice reproduction, for use in theatre and public address systems and is designed accordingly. Specify type desired.

## JENSEN Model D9

A popular model among leading set manufacturers. 1700 ohm 110 volts D. C. field. Input transformer suitable for 45, 71A, 50. 47 tubes specify which. Maximum diameter 1<sup>1</sup>/<sub>4</sub>". Voice coil 9.4 ohms. Normal field wattage 8 watts. Shipping weight 10 lbs.

W19242—List \$15.00  
Your Cost..... **\$7.50**



Lafayette and Jensen Speakers can be supplied with special field coils at 25% additional in cost. Input transformers other than those supplied at 10% additional. These are special and delivery will be slightly delayed.

## JENSEN Concert Model

Rugged construction and high efficiency make these speakers capable of handling high inputs with remarkably natural reproduction and tone. Equipped with Jensen Tym-Flex Cone which can be readily removed without disassembling the entire speaker. Response is unusually uniform. D16 has 1700 ohm field and brown finish; K2 has 2350 ohm field and aluminum finish. Transformer.



Model D-16

Overall diameter 8". Shpg. wt. 8 lbs. List \$11.50.

W19238—Single or P-P 45s

W19239—Single or P-P 47s

W19237—P-P 33s

Your Cost.....

**\$5.85**

Model K-2

Overall diameter 6<sup>1</sup>/<sub>2</sub>". Shpg. wt. 7 lbs. List \$7.50.

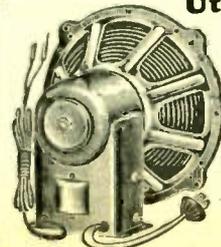
W19194—Single or P-P 45s

W19195—Single or P-P 47s

Your Cost.....

**\$4.40**

## Utah Stadium 12" Cone



6 volt dry rectifier. Overall size 11<sup>1</sup>/<sub>2</sub>" wide; 12<sup>1</sup>/<sub>2</sub>" high; 7<sup>1</sup>/<sub>2</sub>" deep. Shipping weight 20 lbs.

W19215—For single 45s.

W19298—For single 50s.

Your Cost.....

**\$6.95**

W19216—For P-P 45s.

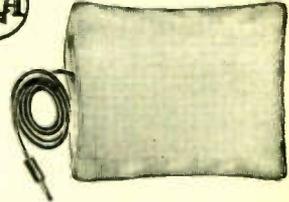
W19299—For P-P 50s.

Your Cost.....

**\$8.45**



## Pillow Speaker



A comfortable, sanitary, sponge rubber pillow with a special speaker unit inside of it. Especially designed for hospitals, sick rooms, etc., where one individual can listen to a radio yet not disturb anyone else. With 8 ft. of waterproof cord and plug, pillowcase and speaker unit. Size 15x12". Shpg. wt. 10 lbs.

W19176—

Your Cost.....

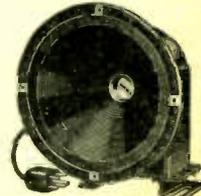
**\$4.50**



## VICTOR Replacement Speaker

for Models R-32, RE-45 RE-75, etc.

Tone quality and volume of these receivers can be considerably improved by replacing the original speaker with this new model especially developed by Magnavox. It has the same identical characteristics as the original in respect to height, cone diameter, field resistance, plug, etc. Cone is made of a specially prepared acoustic paper. Voice coil is accurately centered with a very flexible spider. Field resistance 3000 ohms. Construction is exceptionally rugged. This speaker may also be used in other receivers using speakers of used in other receivers. Overall size: 9<sup>1</sup>/<sub>4</sub>" high, 9" wide, and 6<sup>1</sup>/<sub>2</sub>" deep. Finished in an attractive black lacquer. Shpg. wt. 12 lbs.



W19391—List \$20.00

Your Cost Each.....

**\$4.75**



## Floor Type Speaker Cabinet

An extremely attractive floor type speaker cabinet in a modified modernistic design. It is finished in walnut with genuine inlay on face of cabinet. Large enough to accommodate all speakers listed in this catalog

though the larger models, such as the Jensen Auditorium, etc., will project slightly from the rear. The speaker baffle is inclined upwards at a slight angle so that the sound is projected up toward the "Ear Level" of the room. The baffle is of wood veneer and can easily be cut to fit any size cone. The grill is large and attractive in design. Outside dimensions: 18" wide, 10" deep, 30" high. Inside dimensions: 15<sup>1</sup>/<sub>2</sub>" wide, 7<sup>1</sup>/<sub>2</sub>" deep, 24" high. Shipping weight 18 lbs.

Y19846—Your Cost..... **\$14.75**

**We Will Not Knowingly Be Undersold**

# RCA SPEAKERS

## 106 A. C. Dynamic Speaker Chassis

### Latest Models

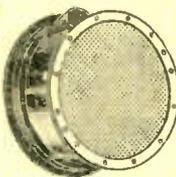


Tremendous power handling capacity of this fine reproducer makes it especially suitable for de luxe radio installations. One of the finest Dynamic Speaker assemblies, designed for Centralized Radio Systems. Consists of No. 106 Dynamic Speaker Chassis, mounted in Metal Frame 14" high, 12" wide. Cone diameter 10", depth 6 1/2". A heavy gauge metal case mounted to the frame below the field coil, contains Transformer, supplying filament voltage for the type 80 rectifier, with high voltage field winding; filter condensers; output transformer and socket for rectifier tube. Transformer is tapped and speaker can be used for single or push-pull '71-As, 45s or 50s. For 110 volt, 60 cycle A. C. Shpg. wt. 23 lbs.

W19171—Your Cost Less Tubes ..... \$12.50  
 W19173—Complete with Gothic cabinet listed on page 60. \$14.75  
 Your Cost.....

## RCA 100A Magnetic Chassis

The famous 100A Magnetic chassis mounted in a fibre casing with ornamental grille. Designed for Centralized Radio Systems, it is sturdily made and troubleproof. Has an excellent frequency response and is provided with a special filter to eliminate extraneous noises. Excellent for use as a monitor speaker in P. A. systems or as extension speakers for your radio.



W19172—Shpg. wt. 5 lbs.  
 Your Cost Complete..... \$1.75

## RCA "Centralized Radio" Speaker



This speaker has been especially designed for use with RCA centralized radio systems for installations in apartments, hotels, etc. Consists of an Electro Magnetic Speaker Chassis, selected for this unit, mounted on a Walnut two-toned Panel, which is 13 1/2" high; 11 1/2" wide and 1 1/4" deep. Has a brown metal ornamental Grille, backed with Bronze Cloth. Speaker is enclosed in heavy fibre protective covering. Cone diameter 9"; depth 5 1/4". Has a special tone filter, a special tapped impedance transformer, and selector switch. Controls for transformer and selector are mounted in the lower corners of the front panel. Can be used wherever a high quality Magnetic Speaker is desired. Excellent response

to high and low frequencies, without stress, and with full natural reproduction: with plenty of volume. Shipping weight 10 lbs. \$1.85  
 W19170—Your Cost Special.....

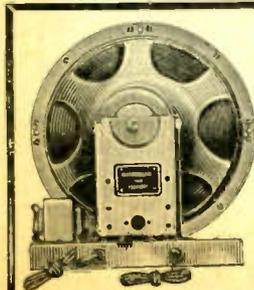
## RCA Model 105 Speaker

This famous model was originally used with the single 250 Power Amplifier listed on page 38 of this catalog. Electrical characteristics are practically the same as the Photophone and 104 speakers making it interchangeable with these models. Field resistance is 1000 ohms for operation on 100 volts at 100 mills. Voice coil impedance 8 ohms. Will handle considerable volume without distortion. Shpg. wt. 35 lbs.



W19181—Your Cost..... \$9.25

## MAGNAVOX Auditorium Speakers 11 3/4" A.C. Model



An exceptionally fine speaker suitable for use with either a radio receiver or a public address system. Frequency response curve is practically flat from 50 to 9000 cycles. Uses a 280 tube as rectifier and is equipped with transformer suitable for '45s, 50s, or tubes with similar load requirements. 13 1/2" high, 12" wide, 6 1/4" deep. Shpg. wt. 17 lbs.

W19144—Less tube. \$7.50  
 Your Cost.....

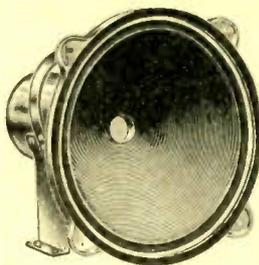
### D. C. Model

Similar to above but with field for D. C. operation having a resistance of 1000 ohms. Shpg. wt. 12 lbs. \$4.25  
 W19145—Your Cost.....

# Lafayette

## DYNAMIC SPEAKERS

### New 14 Inch "Photophone Type" Dynamics



All of the desirable qualities of the popular Photophone type of speaker plus many new features that greatly improve its performance and construction have been combined in this newest Lafayette Dynamic Speaker. Designed for use where great power with exceptionally fine tone quality is desired. An extremely large, heavy, field wound with approximately 5 1/2 lbs. of pure copper wire is housed in a pot 5 1/2" long. The cone, made of the finest quality acoustic material, is 14" in diameter and has a 1 1/4" voice coil with an impedance of 8 to 12 ohms. D. C. field resistance is 1000 ohms. This speaker will safely carry 15 watts continuously and 25 watts peak. Workmanship is of the finest and all metal parts are attractively finished in bright cadmium plate. Shpg. wt. 29 lbs.

W19153—Lafayette 14" Photophone Type Speaker.  
 W19155—Same but with 2500 ohm field.  
 W19154—Same but with Six Volt field.  
 Your Cost Either Type..... \$12.25

### NEW!

## "WAVE-FORM SPIDER"

### MODEL DYNAMICS

The greatest improvement in speakers since the development of the dynamic cone. A new wave-form spider that is extremely flexible yet assures absolutely accurate voice coil centering at all times. It is a solid diaphragm that is permanently fastened into place without screws, washers or bolts and that cannot shift its position no matter how great the volume. It does not cover the inside of the voice coil. This spider is made of a specially prepared material moulded into a pattern similar to the wave form produced by a pebble dropped into the water. This shape not only makes the spider very flexible but assists in the proper acoustical distribution of the sound waves. Especially is this of advantage in the higher frequencies.



### Model WFA

A large 11" cone usually used in large consoles, small P. A. systems, etc. Depth 5 1/4". Standard field resistance 2500 ohms. Shpg. wt. 12 lbs. See note for transformer types. Specify which.  
 W19141—List \$12.50  
 Your Cost..... \$5.75

### Model WFB

A 6" cone of the type used in the majority of midget receivers. Depth 4 1/4". Standard field resistance 2500 ohms. Shpg. wt. 7 lbs. See note for transformer types. Specify which.  
 W19143—List \$8.50  
 Your Cost..... \$3.45

### Model WFC

A very popular size that is generally used in medium sized consoles, etc. Cone is 8" in diameter. Depth overall is 4 1/4". Standard field resistance is 2500 ohms. See note for transformer types. Specify which. Shpg. wt. 10 lbs. \$4.50  
 W19142—List \$10.00—Your Cost.....

## Special Compact Speaker for AC-DC Receivers. Model WFD



An extremely compact speaker especially designed for use in the popular Universal A. C.-D. C. receivers. This model, like the others in this series, has the Wave-Form Spider and unlike most speakers in this size it does not rattle. Overall diameter 5"; depth 2 1/2". Shpg. wt. 2 lbs. Specify type transformer.

W19140—Model WFD Speaker, 3000 ohm field. \$2.45  
 Your Cost.....

### NOTE

Lafayette Speakers listed on this page can be furnished with transformers for the following tubes: Single and Push-Full 38, 43, 45, 47, 53, 59, 59 Class B, 71A, 79, 2A3, 2A5, 2B6; Parallel 38, 45, 47. Specify type desired. Photophone Type Speakers are not supplied with transformers as standard equipment but they can be furnished, if desired, at an additional cost.

# Speaker Replacement Parts

## Replacement Cones for Standard Speakers

Stock No.	Set or Speaker	Outer Diam.	Your Cost
W19610	Airline.....	10"	\$2.70
W19501	Atwater Kent 43, 46, 55, 60, 65, 66, 67, 64.....	10 1/4"	2.21
W19502	Atwater Kent 80, 82, 84, 55B, 627, 87, 90, 92, Early models 83, 85.....	8 3/8"	1.80
W19611	Baldwin Head Supplied.....	9"	2.61
W19577	Bosch 5 and 5A.....	6"	2.11
W19505	Bosch 48-58.....	9 5/8"	2.11
W19612	Bosch.....	7"	1.70
W19613	Brunswick 10.....	8"	1.80
W19614	Brunswick D.....	8"	2.21
W19615	Brunswick 11, 12, 15, 16, 18, 33.....	12"	2.21
W19616	Brunswick E.....	8"	1.90
W19512	Colonial 33-LL, 18.....	12 1/4"	3.50
W19578	Colonial 34, 35.....	12 1/4"	2.61
W19579	Colonial 36.....	10"	2.30
W19617	Crosley M45.....	9"	1.90
W19513	Crosley 40S.....	9"	2.00
W19618	Earl Inductor Dynamic.....	10"	1.01
W19619	Earl.....	10"	2.51
W19514	Edison RA-5-7-8.....	11 1/4"	2.11
W19515	Eveready.....	10"	2.21
W19516	Eveready.....	12 1/4"	2.30
W19517	Freed-Eiseman NR 80-95-10.....	10"	2.51
W19580	Fada Deep.....	8 3/4"	3.00
W19581	Fada Shallow.....	8 3/4"	3.00
W19582	Fada Deep.....	10 1/2"	3.20
W19583	Fada Shallow.....	10 1/2"	3.20
W19559	General Electric 31, 51, 71, 120, S22.....	10 1/4"	2.00
W19620	Hammalund H1-Q 31-50.....	10 1/4"	2.00
W19621	Jensen.....	8"	1.44
W19584	Jensen D4, D5.....	9 1/4"	2.11
W19519	Jensen D7, D9.....	11 1/4"	2.11
W19622	Jensen D11.....	8 3/4"	1.69
W19585	Jensen D8.....	11 1/4"	2.61
W19623	Magnavox 142.....	9 1/4"	2.11
W19624	Magnavox 143.....	11 1/4"	2.21
W19625	Magnavox 144.....	7 1/4"	1.80
W19530	Majestic G1-G2.....	9 1/2"	1.69
W19532	Majestic G3, G4, G6, G7.....	10"	1.80
W19533	Majestic G5, G8, G9, G13, G14.....	12"	3.50
W19626	Majestic G10.....	8 3/4"	1.69
W19587	Majestic G11.....	8 3/4"	1.80
W19590	Majestic G14, G19, G21.....	10"	2.11
W19537	Oxford 2 and 3 point Spider.....	10"	2.11
W19627	Oxford 2 and 3 point Spider.....	12"	2.21
W19628	Oxford 7, 72, 70, 82, 83, 85, 86, 92, 93, 96, 97, 98, 99, 100, 101, 104, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 124, 128, 129, 139, 148.....	12 1/4"	2.21
W19543	Peerless Copper Coil.....	14 1/4"	3.21
W19542	Peerless Copper Coil.....	12"	2.40
W19541	Peerless Copper Coil.....	10 1/4"	2.30
W19540	Peerless Copper Coil.....	8 1/2"	1.90
W19544	Peerless Copper Coil wire wound.....	8 1/2"	1.90
W19545	Peerless Copper Coil wire wound.....	10 3/4"	1.90
W19546	Peerless Copper Coil wire wound.....	14 1/4"	3.00
W19639	Rola.....	6"	1.60
W19640	Rola F5, F6, F8.....	6 1/4"	1.70
W19560	Rola Series F and K.....	8"	1.80
W19641	Rola K9.....	11"	1.90
W19558	RCA 104, 105.....	10 1/4"	1.90
W19559	RCA 106, 46, 80.....	10 1/4"	1.60
W19591	RCA Superette.....	10"	2.00
W19596	Stewart-Warner 900 Series.....	9"	1.80
W19597	Stewart-Warner 950 Series.....	9"	1.80
W19593	Stewart-Warner Midget.....	6"	2.00
W19594	Stewart-Warner 200A.....	9"	2.30
W19595	Stewart-Warner 445A.....	10"	2.50
W19563	Temple.....	9"	1.90
W19564	Temple.....	11"	2.10
W19565	Temple Auditorium.....	14"	3.10
W19629	U. S. Apex Gloritone 26, 27.....	8 1/4"	1.88
W19642	U. S. Apex Gloritone.....	10"	2.09
W19570	Victor RE 32-45-57-75-52.....	9"	.96
W19643	Westinghouse WR10-WR15.....	10 1/4"	2.11
W19644	Wright DeCoster 155.....	6"	1.55
W19598	Wright DeCoster.....	8"	2.00
W19572	Wright DeCoster.....	10"	2.10
W19573	Wright DeCoster 107-207.....	12"	2.19
W19574	Zenith 52, 72, 50, LL18.....	12 1/4"	2.19
W19599	Zenith 87.....	9"	2.10

## RCA Radiola Speaker Cone 106-Speaker Models 41, 62, 64, 67



An exact duplicate of the original RCA-Radiola Replacement No. 8375. Made especially for heavy duty service. Will provide tremendous volume without rattling. Voice coil impedance exactly matches that of the original. Made from the finest quality cone material.

W19559—Your Cost Special. \$1.60  
 W19570—Victor RE32-45, 57, 75, 52 Your Cost. 96¢  
**RCA Photophone Speaker Cone**  
 W19576—Your Cost. \$2.95

**Genuine RCA Speaker Cones**  
 For 100-A Speaker RCA No. 9190. W19209—Each... 75¢  
 For 100-B and 103 RCA No. 8359. W19210—Each... 75¢

**Genuine RCA Radiola Magnetic Speaker Coils**  
 Part No. 1966 for RCA Receivers, 30A, 60, and 61 and all centralized radio magnetic speakers and 100A, 100B, and 103 speakers. Coil dimensions: 1 1/4" O. D., 1/2" thick, 1/4" hole. Part No. 708 for RCA model 30—Victor Combinations and 100 speakers also W. E. 540 A. W. Size 2 1/2" O. D., 1/2" thick, 3/8" hole. Can also be used for other speakers.  
 W19212—Part No. 1966. 45¢  
 W19201—Part No. 708. 55.00  
 Your Cost (Either Type) 55.00

**Radio Repair 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 to use with cement.  
 W19499—Complete with handy brush. 49¢  
 Your Cost.

**Field Coil for Victor Speaker**  
 The genuine replacement for Victor Speakers used in model receivers, R-32, R-52, RE-45 and RE-75. Can also be used in other speakers. 3,000 ohms, D. C. resistance. Size 3 1/2" long, 3 1/4" over-all diameter. Hole, 2 1/4". Shipping weight 9 lbs.  
 W19486—\$2.25  
 Your Cost.

**For RCA Photophone, 104 and 105 Speakers**  
 The Genuine Field Coil used in the above speakers. Can also be used in other speakers using 1000 ohms, D. C. resistance, 100 volts at 100 mls. Size 4" long, 4 1/4" over-all diameter, 2" hole diameter. Shipping weight 13 lbs.  
 W19457—\$3.25  
 Your Cost.

**Apex — Gloritone — U. S. Radio and Television and Montgomery Ward Chassis 26**  
 Specify the exact dimensions of your field coil, 11500 ohms, tapped at 9040. Utah 7" Speaker. Shpg. wt. 2 lbs.  
 W19450—\$1.85  
 Your Cost Each.

## Replacement Field Coils

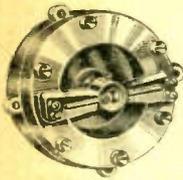
Stock No.	Set or Speaker	Ohms	Your Cost
W19680	Airline 8".....	1800	\$3.04
W19681	Airline 8" tapped.....	1800	3.36
W19492	Apex Gloritone Lgt 49.....	11500	2.56
W19493	Apex Lgt 95, MD 549.....	11500	2.56
W19413	Atwater Kent 53, 55, 65.....	650	3.44
W19495	Atwater Kent 53, 55, 65.....	1000	3.92
W19414	Atwater Kent 53, 55, 65.....	1700	4.00
W19418	Colonial 33 A. C.....	6000	3.92
W19419	Colonial 33 D. C.....	550	2.64
W19422	Crosley M45.....	1500	3.04
W19423	Crosley M45.....	2500	3.04
W19682	Crosley 8 1/2".....	2500	3.04
W19683	Crosley 8 1/2".....	7500	3.92
W19684	Crosley Isodyne.....	2500	3.20
W19685	Crosley Isodyne.....	7500	3.52
W19686	Crosley Model 58.....	10000	3.92
W19669	Edison.....	4500	3.95
W19687	Fada.....	10000	4.40
W19688	Gloritone 8" tapped.....	1800	3.12
W19428	Jensen D4, D5.....	2250	2.88
W19429	Jensen D7, D8.....	1500	3.20
W19431	Jensen D9, D15.....	550	2.56
W19432	Jensen D9, D15.....	1000	2.40
W19434	Jensen D9, D15.....	1650	2.80
W19435	Jensen D9, D15.....	1800	2.80
W19436	Jensen D9, D15.....	2500	3.20
W19437	Jensen D12.....	2300	2.40
W19690	Jensen J2.....	1250	3.20
W19691	Jensen M20.....	3375	10.40
W19692	Jensen Auditorium.....	750	4.40
W19693	Jensen Auditorium.....	2250	4.80
W19490	Kolster International.....	100	3.20
W19491	Kolster International.....	1000	3.92
W19456	Kolster K43, K44, K70.....	900	3.20
W19694	Lyric 9".....	3000	3.04
W19695	Lyric 9".....	10000	4.66
W19670	Magnavox 9" medium.....	2500	3.04
W19671	Magnavox 9" Large.....	7500	4.66
W19672	Magnavox early models.....	2250	3.92
W19673	Magnavox 8 1/2".....	650	3.12
W19674	Magnavox 8 1/2".....	2500	3.36
W19675	Magnavox 11".....	650	3.20
W19676	Magnavox 11".....	2500	3.44
W19446	Majestic G1, G2.....	2730	5.20
W19448	Majestic G5.....	1000	2.64
W19677	Majestic G6, G20.....	1000	3.68
W19678	Majestic G3.....	2750	4.66
W19449	Newcomb-Hawley.....	2500	4.66
W19455	Newcomb-Hawley.....	7500	4.80
W19456	Philco 65, 76, 77, 86, 87, 95, 96, 111 (Philco No. 2850).....		1.95
W19458	Philco 20, 21 (Philco No. 2768).....		.75
W19459	Philco 50, 51, 52 (Philco No. 02942).....		1.05
W19460	Philco 70, 470 (Philco No. 02966).....		1.35
W19461	Philco 90, 112 (Philco No. 02988).....		3.00
W19471	Rola C.....	1500	3.92
W19472	Rola FK.....	1200	2.00
W19473	Rola FK.....	1500	2.00
W19474	Rola FK.....	1800	2.08
W19475	Rola FK.....	2500	2.08
W19476	Rola FK.....	6000	2.40
W19478	Rola L.....	2500	4.40
W19477	Rola L.....	15	2.80
W19696	Silver-Marshall 30.....	1500	4.40
W19697	Silver-Marshall 854.....	1800	4.40
W19679	Stewart Warner 950.....	10000	5.04
W19481	Stromberg-Carlson.....	2500	3.04
W19482	Stromberg-Carlson.....	7500	4.16
W19667	Steintex.....	15	2.80
W19484	Temple All Models.....	2250	3.92
W19698	Utah 8".....	1800	3.12
W19699	Utah 8" tapped.....	1800	3.36
W19650	Utah Isodyne.....	7500	3.36
W19651	Utah Isodyne.....	2600	3.52
W19652	Utah Midget.....	2500	2.72
W19486	Victor RE-32-45-75.....	3000	2.25
W19653	Westinghouse WR-5-6-7.....	1250	3.28
W19654	Westinghouse WR-8.....	1330	3.28
W19489	Zenith 52.....	2500	3.92
W19488	Zenith 52 Special.....	2500	3.92
W19487	Zenith 52.....	650	2.80

**RCA Radiola Speaker Filters**  
 Part No. 1969 to suppress the higher frequencies and scratch in the Model 100A speakers and bring out the low notes. Part No. 5853 similar in appearance emphasizes the high notes in models 100B and 103. Shpg. wt. 1 lb. Size 1 1/4" x 1 3/4".  
 W19493—Part No. 1969.  
 W19454—Part No. 5853.  
 Your Cost (Either Type) 20¢

# LAFAYETTE Microphones



## Model "Fifty"



A new and improved model of this excellent and popular Lafayette microphone. Broadcast type, has stretched dural diaphragm only .002" in thickness. Frequency response is from 60 to 5700 cycles. Buttons are standard 200 ohms each. The model 60

microphones have proven their worth in many types of work under various conditions and this new model is bound to be even more popular due to the many refinements in its construction. Finished in highly polished nickel. 2 1/2" in diameter, 1 1/4" in thickness. Shpg. wt. 2 1/2 lbs.

M13421—List Price \$50.00  
Your Cost ..... **\$22.50**

## LAFAYETTE Desk Stands



A Desk Stand Deluxe. This stand has a grace and dignity setting it apart from the average desk stand. Finished in satin silver and black, it is 9" high with a 6" ring. Will easily support the heaviest microphones. A base of sufficient size insures steadiness. Shpg. wt. 10 lbs.

M13430—Your Cost ..... **\$4.45**

This desk stand is cast entirely in one piece. Ring is 4 1/4" in diameter, and mounts the microphone in the standard 4 point method. Base is drilled to take standard microphone cable. Soft bronze finish. Height 7 1/4". Shpg. wt. 3 lbs.

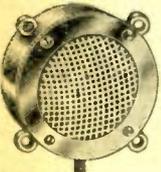
M13495—Your Cost ..... **\$1.65**



M13381—Similar to above but with removable ring for suspension mounting. Chromium finish. Ring 6" diameter will fit all large mikes. Shpg. wt. 3 lbs.

Your Cost ..... **\$2.40**

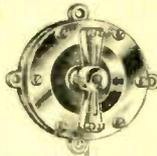
## Piezo-Astatic Microphone



Unquestionably a step in advance in microphone development. Crystal Type. No hiss—no field or button current—not polarized—cannot "pack"—non-microphonic and can be used in any position or moved while in operation. High impedance—does not require a matching transformer, can

be connected directly to grid and ground of amplifier. 3" diameter; 1" thick. Finished in chromium. Complete with 6 ft. shielded cable. Shpg. wt. 2 lbs.

M13363—Your Cost ..... **\$12.25**

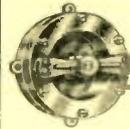


## Model "Twenty-Five"

A very efficient two-button carbon Microphone which will give entirely satisfactory service in less critical public address installations. Frequency response, 70 to 4000 cycles.

Resistance, 200 ohms per button. Heavy chromium plated brass frame. Special alloy diaphragm with 24Kt. gold contact points. Size 3" diameter, 2" thick. Shipping weight 4 lbs.

M13420—List Price \$25.00  
Your Cost Each ..... **\$10.95**



## Model "Twelve"

An exceptionally fine microphone at this low price. Two button carbon type with dural diaphragm having pure gold spot centers. Highest grade carbon granules are used. Buttons are standard 200 ohms each. Scientifically damped for high quality voice reproduction. Bright nickel finish. Extremely rugged construction. 2 3/4" diameter. Shpg. wt. 2 lbs.

M13392—List Price \$11.50  
Your Cost ..... **\$4.95**

## LAFAYETTE Input Stages



### Double Button

For two button microphones and consists of potentiometer volume control, transformer, switch and a battery receptacle enclosed in a wooden cabinet 4x8 1/2x5 1/2". For matching any two-button microphone to filament and grid of tube if connected to amplifier or phono-granular jack. The volume control is across the secondary of the transformer. Box finished in black leatherette. Equipped with 6 ft. shielded cable and full directions. Shipping weight 5 lbs.

M13487—List Price \$12.50  
Your Cost ..... **\$5.95**

### Single Button

Similar to above; for all single button microphones. Shipping weight 4 lbs. 3 1/2x6x3 1/2".

M13488—List Price \$8.00  
Your Cost ..... **\$3.75**

### Tone Control

A vital necessity in every P. A. installation; used with any microphone. Extremely high pitched voices may be toned down and deep gruff voices modified to a higher frequency. Valuable in case of feed back. 2 1/2x5x2 1/4". Shpg. wt. 2 lbs.

M13489—List \$6.50  
Your Cost ..... **\$2.75**

## Truest Carbon Granules

Contains sufficient granules to refill one two-button microphone. Care must be used in measuring amount for each button. Must not be touched with fingers. Shpg. wt. 1 lb.

M13481—Your Cost ..... **45¢**

## Microphone Rings

Bronze finish rings with loop and springs. Shpg. wt. 2 lbs.

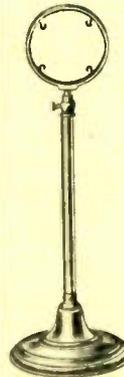
M13367—5" dia. **\$1.45**

Your Cost ..... **\$1.95**



## Lafayette

### Extra Quality Floor Stand



Lafayette floor stands are substantial in appearance, sturdy and graceful. They support the microphone easily and safely. Stand No. 1—Professional type 20 lb. stand. Adjustable in height from 44" to 75". Chromium finish. Dignified design.

Stand No. 2 represents phenomenal value at the price offered. It is most impressive in size and has a most pleasing appearance. Finished in



rich satin silver. Height 46 to 74". Ring diameter 6 1/4".

Stand No. 1 shpg. wt. 30 lbs. **\$9.95**

M13431—Your Cost ..... **\$5.45**

Stand No. 2 shpg. wt. 17 lbs. **\$5.45**

M13428—Your Cost ..... **\$5.45**

## Microphone Springs

These microphone springs are made of the finest grade tempered steel, with formed loop ends.

M13402—Set of 8 for ..... **25¢**

## "Ribbon" Microphone Kit



"So superior to the average microphone that there is no comparison." Editor, Radio News, July, 1933. Now you can easily build yourself the best mike made in an hour's time. Replace your carbon with the Bruno Superior Ribbon Microphone for improved quality. Range 30 to 14,000 cycles. Can be used at a distance from pre-amplifier. Directional quality makes it easy to eliminate feedback. Complete instructions and amplifier diagrams. Shpg. wt. 3 lbs.

M13343—Ribbon Mike Kit. **\$5.88**

List \$10.00

Your Cost

Ribbon microphone completely assembled and wired. **\$11.76**

M13344—List \$20.00  
Your Cost

### Replacement Ribbon for Microphones

M13345—Regular List \$1.25  
Your Cost **74¢**

M13346—Supersensitive List \$1.75  
Your Cost **\$1.03**

### Ribbon Mike Matching Transformers

For matching Bruno ribbon microphones. Shpg. wt. 3 lbs. List \$5.50

M13347—To match ribbon to line. **\$3.24**

M13348—To match line to grid.

M13349—To match ribbon to grid.  
Your Cost (Either Type)

## BRUNO "Condenser" Mike Kit



Parts carefully machined from solid castings provide precise clearance between back plate and diaphragm. Selected alloy sheet 0.002" is used for diaphragm, and stretched beyond resonant point. Fully enclosed, protected against moisture, dust and climatic changes. Complete kit of parts with instructions for assembly. Shpg. wt. 4 lbs.

M13377—List \$5.00  
Your Cost **\$2.94**

Condenser Microphone, completely factory assembled and tested. **\$5.88**

M13378—List \$10.00  
Your Cost

### Condenser Mike & Amplifier



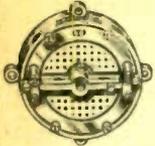
A precision constructed professional type instrument. Can be used for broadcasting, public address, recording or wherever perfect noiseless reproduction is needed. Amplifier produces ample gain with perfect stability and has sensitivity and tone controls. Uses 2-864 tubes. Standard 200 ohm output. Metal case 4x4 1/2x5". Complete amplifier and head, less tubes and batteries.

M13376—Shpg. wt. 9 lbs. **\$23.52**

Your Cost

# UNIVERSAL MICROPHONES

## UNIVERSAL Model "BB"



The most popular double-button public address microphone in America. Nearly twice as heavy as any other microphone in its class. Built to hair line precision. An idea of its ruggedness can be obtained by the fact that model "BB" is 3" in diameter and 2" thick. Built especially for voice pick-up, public address work and for amateur broadcasters, etc. Will give excellent results when used for recording purposes. Beautifully finished in highly polished chrome plate. 24K pure gold spot centers. Frequency response 70 to 6000 cycles. 200 ohms per button. Shipping weight 2 1/2 lbs.

M13405—List Price \$25.00  
Your Cost Net

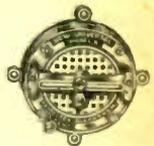
**\$14.70**

## UNIVERSAL Model "X"

A very fine Microphone at a very reasonable price. Available in either single-button or two-button types. Resistance 200 ohms per button. May be mounted in any position. Scientifically damped, laboratory tested. Duralumin diaphragm, pure gold contact points. Frequency response 100 to over 4000 cycles. Suitable for public address systems, amateur stations, etc. Beautifully finished in polished chrome plate. Shipping weight 3 lbs.

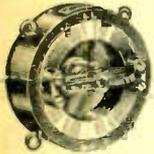
M13412—Single-button Model X. List Price \$7.50  
Your Cost

M13413—Double-button Model X. List Price \$10.00  
Your Cost



**\$4.41**  
**\$5.88**

## UNIVERSAL Model "LL"



Extra rugged two-button broadcast microphone. Of high carbon steel ground to within .001 of an inch accuracy. Diaphragm is of alloy of the proper hardness and stretch to secure best results. Pure gold contact points on each side. Materials used and precision manufacture make this model stand out as the superlative microphone, reproducing a range from 30 to 7000 cycles. 3 1/2" diameter, 1 1/2" thick. Shipping weight 3 1/2 lbs.

M13403—List Price \$75.00  
Your Cost Each

**\$44.10**

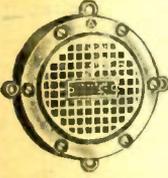
## UNIVERSAL Model "KK"

A substantial two-button microphone with a very low hiss. It is carefully constructed of the finest materials with a 24K pure gold spot center alloy diaphragm held under tension. Diaphragm thickness is only .002". Frequency range is from 50 to well over 6000 cycles. Buttons are standard 200 ohms each. Entire microphone is finished in 24K polished gold. It is 2 1/2" in diameter and 1 1/2" thick. Each unit is carefully tested before shipment. Shipping weight 2 1/2 lbs.

M13404—List Price \$50.00  
Your Cost Each

**\$29.40**

## UNIVERSAL Model "A"



The most highly developed single button microphone on the market. 24K gold faced button and highest grade carbon granules reduce hiss to a minimum. Extremely thin light weight diaphragm is also gold faced. Scientific damping permits model "A" to handle frequencies from 100 to 8000 cycles. Button is 200 ohms resistance. Diameter 3", thickness 1 1/4". Polished chrome finish. Shipping weight 3 lbs.

M13406—List Price \$15.00  
Your Cost

**\$8.82**

## UNIVERSAL Three Channel Mixer

A compact, portable perfectly engineered mixer to handle three two-button or single-button microphones or Condenser Microphones, low impedance pickups, or standard telephone (remote) lines or any combination of the above. The fading or blending is accomplished by the use of three mixing transformers (Univ. No. 1310) and three constant impedance T pads. Adjustment of one control does not interfere with volume or tone quality of other channels. Feeds into 400-600 ohm line. Size 4x5 1/2 x 12". Shipping weight 9 lbs.

M13449—List Price \$36.00  
Your Cost Each

**\$21.17**

## UNIVERSAL Model "E" Condenser Microphone

An attractive and highly professional appearing unit for use where absolute absence of hiss or other background noises is essential. Contains a two stage amplifier in a beautifully polished Chrome plated cylindrical case. Tubes used in the amplifier are non-microphonic and draw only 1/4 amp. at 6 volts and 4 mls. at 180 volts. The head has automatic barometric adjustment and is completely protected. 25 ft. of shielded rubber covered cable included. Shipping weight 17 lbs.

M13371—List Price \$90.00  
Your Cost

Desk Stand with clamp for tubular section. Shpg. wt. 25 lbs.

M13372—Your Cost

**\$5.88**

Floor Stand chrome plated. Shpg. wt. 30 lbs.

M13373—List \$20.00  
Your Cost

**\$11.76**



## Desk Type Mounting



5" diameter mounts Models X, A, or KK Microphones on a four point suspension with eight springs. Furnished with or without covers as ordered. Is furnished with blank call letter name plate as shown. Base is set in a molded rubber ring forming a cushion against vibration and preventing damage to polished surfaces. Covers are sprung into position eliminating rattle. Heavy chrome plate highly polished. Shpg. wt. 4 1/2 lbs.

Model K without covers. List \$4.00  
M13355—Your Cost

Model K with covers. List \$6.00  
M13356—Your Cost

**2.35**

**\$3.53**

## B M S Microphone Studio Model



A real Microphone for home-broadcasting, not a toy. Very easily attached to your radio receiver and will not interfere with its operation. Has sliding switch to cut microphone in or out of circuit. These microphones enable you to have a riot of fun at parties by making your own announcements, etc. Attractively finished. Complete instructions. Shpg. wt. 2 lbs.

M13380—Studio Model  
Your Cost

**59¢**

## Junior Model

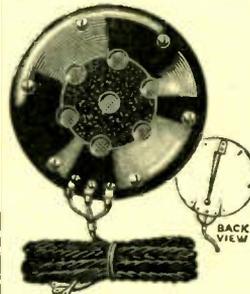
Similar to the Studio Model but in a differently designed case and with a push button instead of sliding switch. Complete with instructions. Shpg. wt. 2 lbs.

M13379—Junior Model  
Your Cost

**45¢**



## New Midget Models 2-Button Lapel Microphone



A full fledged, 2-button natural toned instrument of precision craftsmanship. Thin, compact and light in weight, a laboratory designed, built and tested unit. With this microphone clipped to the lapel, one need but speak in a natural

tone of voice and with head held at any angle, the result will always be of the highest quality. The cord can be easily and quickly removed or replaced. Diameter 2 1/4", thickness 3/8". Shipping weight 1 lb.

M13438—List Price \$25.00  
Your Cost

**\$14.70**

## Super-Sensitive Midget Model "Y"

A very sensitive model, will pick up sounds and conversations even when placed in a hidden position. Particularly recommended for use where a highly sensitive and compact microphone is needed. Front face of the microphone is the diaphragm proper so the unit should be used in a protected location and great care used in handling. Shipping weight 1 lb.

M13444—List Price \$2.00  
Your Cost

**\$1.18**

## Model "W" Watch "Mike"



Smallest protected single-button microphone manufactured. Full protection against accidental contact with the diaphragm makes it particularly suited for use as a lapel microphone or wherever a compact sensitive unit is needed. Equipped with a pure gold spot

diaphragm. Carbon button is of the standard 200 ohm resistance. Size 1 1/8" in diameter, 1/4" in depth. Polished case. Shpg. wt. 3 lbs.

M13443—List Price \$3.00  
Your Cost

**\$1.76**

## UNIVERSAL Model "QRXF"

QRQ Microphone Mounted on Junior Input Stage



An ideal combination for amateur usage. Simple and very easy to connect. Requires one flashlight mono-cell for operation. The transformer improves both volume and quality over any direct application of microphone to detector tube. Has potentiometer volume control which also operates battery switch. When used for home entertainment, the program and speech may be returned and faded in and out by the volume control. Amplifier box finished in russet leatherette. Shipping weight 8 lbs.

M13408—List Price \$7.50  
Your Cost Each

**\$4.41**

**We Will Not Knowingly Be Undersold**

# PHONO-MOTORS • Record Changers & ACCESSORIES

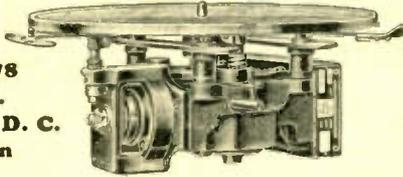
## GREEN FLYER Governor Controlled

**Two Speed Motor**

**33 1/3 or 78**

**R. P. M.**

**for A. C. or D. C. Operation**



A new induction type motor that may be adjusted for either old style recordings at 78 R. P. M. or the new 33 1/3 R. P. M. records. Gears are completely enclosed and run in oil. Silent laminated Bakelite spiral cut gears. Over-size self lubricating bearings. Will not overheat in closed cabinets. 10" turntable. Has dial and pointed needle indicator. Hardware bronze finish. Automatic stop available at slight extra cost. Shipping weight 15 lbs.

- A100—Two Speed 105-120 volt, 50-60 cycle A. C. Your Cost..... \$9.75**  
**A102—Single Speed 78 R. P. M. Motor Your Cost..... \$7.50**

### Direct Current Motors for 110 Volts

- A101—Two Speed, same as No. A100 but for D. C. \$14.25 Your Cost.....**  
**A103—Single Speed 78 R. P. M. Motor for D. C. \$11.95 Your Cost.....**

12" Turntables can be furnished at 40c additional. Specify on order.

### Special 6 Volt Motors

are of the same general construction as our other models and are also made in both the dual speed and single speed types. Equipment used on sound truck installation usually receives much harder usage than normal and these motors were designed with that in mind.

- A127—Two Speed same as No. A100 but for 6 volt operation Your Cost..... \$16.25**  
**A128—Single Speed 78 R. P. M. for 6 volt operation \$13.25 Your Cost.....**

### Special Recording Motor Dual Speed

This motor is specially constructed and is preferred for recording. Similar specifications to Model A100 except that field and rotor are 1/5" longer and that the motor is much more powerful. Complete with 12" turntable. Shipping weight 15 lbs.

- A120—For 105-120 volt, 50-60 cycle A. C. \$13.25 Your Cost.....**  
 For Recording on D. C. the Model A101 is especially recommended. This model being exceptionally powerful and quiet. Listed above.

## GREEN FLYER Spring Driven Motors

The finest line of spring driven motors made. Master Junior model is a very efficient single spring motor with a capacity of two full 10" selections and comes complete with 9" turntable and accessories. Shpg. wt. 10 lbs.

- A208—Master Junior model \$3.25 Your Cost.....**

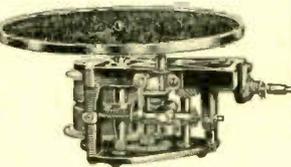
Majestic model has two springs that drive motor for 3 full 10" selections. Complete with 10" turntable and accessories.

- A188—Majestic model \$4.25 Your Cost.....**

No. 40 has two extra powerful springs that drive the motor for 4-5 10" records at one winding. Very quiet in operation. Complete with 12" turntable. Shpg. wt. 12 lbs.

- A187— \$7.45 Your Cost.....**

All motors include the following accessories beside the turntable: winding handle, turntable brake, handle escutcheon, dial and pointer speed regulator, screws and washers for mounting motor. Turntable is velveteen covered and hardware is bronze.



## Dual Speed Adapter

Plays Both the NEW and OLD Type Records 33 1/3 and 78 R. P. M.

Attach this to your present phonograph motor and enjoy the new long playing and the regular old style records. Fits all makes of phonographs. Just lift off your present turntable and drop this adapter on in its place. By merely pressing a lever you play either type of record, 33 1/3 the long playing record, 12 to 25 minutes of uninterrupted musical entertainment, or the 78 R. P. M. old style records. Disc is 12" in diameter, will accommodate all types of records. Shipping weight 7 lbs.

- Y19893—List \$6.00 Your Cost..... \$3.60**



## Dual Speed CAPEHART Automatic Record Changer

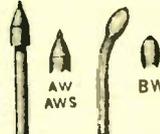
This dual speed 33 1/3 and 78 R. P. M. Automatic Record Changer, is the most practical device for continuous playing of the Victor 10" or 12" recordings, or any other compositions, or aluminum records. Plays both old type and New Victor Long Playing records. Equipped with the New balanced electrical pick-up, noted for fine tone quality, and absence of needle scratch. An excellent device for the home, public address systems, theatre, ballroom, etc. For local advertising using either aluminum or composition recordings of your own, the Automatic Record Changer has no equal. Using ten long playing Victor records, you can listen to four hours of music without a stop. Completely automatic, last record repeats until re-stacked or when master switch is turned off.



An encore may be had of any record. Additional equipment includes a reject device and unloading lever. Can be mounted in your own cabinet, or in our DeLuxe Cabinet, made expressly for the accommodation of this mechanism. Base, 14 1/2 x 14 1/2". Height above mounting board, 7 1/4"; depth below 3 1/2". Shipping weight 30 lbs.

- S17750—Mechanism complete, less cabinet. \$59.50 Your Cost.....**

## Genuine Sapphire Reproducing and Cutting Needles



Genuine Sapphire is used exclusively. It is one of the most durable minerals known today. The scientists' table rates the hardness of the sapphire at 90%, only ten points less than that of the diamond. Durability is measured by proportional hardness. Thus, the Genuine Sapphire, finds itself the only rival to a diamond.

Type AW is used for cutting (grooving) and recording on Blank Aluminum Discs. It will work on practically all commercial recording machines as well as home made equipment.

- A192—Your Cost..... \$2.25**

Type AWS is a modified AW with point and angle made especially to cut on ERAYDO metal and on Aluminum where lighter weight cutters or lower powered motors are used.

- A193—Your Cost..... \$2.75**

Type BW needle is made for recording and reproducing on PRE-GROOVED materials, such as the Victor type black composition home recording discs or pre-grooved celluloid. It will also make a satisfactory recording on pre-grooved aluminum discs.

- A194—Your Cost..... \$2.50**

Type CW will reproduce regular commercial records such as Victor, Columbia, Brunswick, etc., also electrical transcriptions when all above are made to play at the rate of 78 revolutions per minute.

- A195—Your Cost..... \$1.75**

## Needle Cups

Stately bronze finish. Diameter 1 1/2".

- A130—Open Type \$5c Each \$50c Per Dozen**  
**A131—Closed Type \$7c Each \$75c Per Dozen**

## Automatic Stop



For Electric Phono Motors. Adjustable to operate at any point on record. Arm automatically trips switch which cuts off current to motor.

- A135—Your Cost Each \$75c**

## PACKARD Record Changer

An exceptional value in record changers. Simplified construction makes for a sturdy compact unit that will give trouble free service for many years and also makes possible an extremely low price for such high quality. Uses a powerful dual speed motor that will play both the 78 and 33 1/3 R. P. M. records. Eight 10" records may be played automatically, rejecting or repeating any record at will. Plays 12" records manually. Last record repeats till switch is turned off. Entire unit is built of heavily copper plated steel with all exposed parts finished in a beautiful statuary bronze. High impedance pick-up is of the new flat type with automatic weight adjustment. Very compact, requiring a space only 17 1/2" long, 5 1/2" high and 13 1/2" wide, making it especially suitable for a small console. Owners of portable P. A. systems will find the extreme compactness of this unit makes it ideally suited for portable use. Can be built into a suitcase. For 110 volts A. C. other pick-up impedances or odd cycles and voltages quoted on request. Shpg. wt. 30 lbs.



- Y19820—List Price \$50.00 Your Cost..... \$28.95**

# PHONO PICK-UPS AND ACCESSORIES

## Lafayette Dual Speed Pick-Up



33 1/3 or 78 R.P.M.

Designed to meet the needs for playing both 33 1/3 and 78 R. P. M. records with the same pick-up. In tonal quality, in range covered, in simplicity of installation and in ease of operation, the new Lafayette electric pick-up is vastly superior to all existing forms of phonograph electric pick-up devices. A scientifically developed instrument which reproduces with absolute fidelity the intricate chromatic elements of the most difficult musical compositions. Unique in that it is rubber-damped, providing absolutely clear reproduction free from the customary pick-up noises. Available in 2500 or 6000 ohms impedances. Special impedances to order at special prices on request. Specify type when ordering. Shipping weight 5 lbs.

A138—Complete with volume control. Your Cost Each ..... \$6.25

A143—Same as above except 200 ohms impedance. Your Cost Each ..... \$6.25

### LAFAYETTE Professional, Jr.

Has same general characteristics as above pick-up. Plays 16" records. Specify high or low impedance. Shipping weight 6 lbs.

A137—Your Cost Each ..... \$9.75

### AUDAK Model 30 Pick-up



Fortunate purchase enables us to offer you the celebrated Audak No. 30 pick-up at a

fraction of former price. Quality proven by performance. Supply limited; take advantage of this offer. Complete with volume control. Shpg. wt. 5 lbs.

A145—List Price \$21.50 Your Cost Only ..... \$4.95

### Model No. 20

Somewhat smaller than the Model 30. This model is the most popular one of the line. Provides a surprising amount of volume with the utmost clarity and uses standard type of counterbalanced arm. Attractively finished in dull black and gold. Only the highest quality materials and the most careful precision methods used in its manufacture. Comes complete with volume control and cord. Shpg. wt. 5 lbs.

A144—Model 20 pick-up. Your Cost ..... \$4.95

### Trutest Scratch Filter



Practically eliminates the irritating, annoying and objectionable scratching caused by the friction of the needle, by filtering this out. Eliminates background noises. Equipped with phone tip jacks for the input side to the pick-up and also with binding posts on the output

side to the amplifier, or to the radio phonograph jack. A well-built unit that should last indefinitely without giving trouble. Neatly finished in black. Can be used with any phonograph combination. Shipping weight 3 lbs.

A118—Your Cost Special ..... \$1.75



### VICTOR Pick-Up with Volume Control



This RCA pick-up is offered at an exceptionally low price. Mounted on a metal base with built-in volume control. Volume control provides smooth and silent operation. Pick-up impedance 200 ohms. Lifelike fidelity of tone. Frequency response exceptionally good, both treble and bass notes reproduced with equal clarity. Rugged construction. Can be used wherever an inexpensive yet good pick-up is required. By adding a suitable counterbalancing weight it can be used to play 33 1/3 R. P. M. records. Attractively finished in brown. Shpg. wt. 8 lbs.

A159—Your Cost ..... \$4.75



### Photophone Oil Damped Reproducer with Special Scratch Filter



This oil-damped pick-up, furnished with special scratch filter, is one of the finest units for public address work, talking pictures, broadcasting stations, etc., where the finest quality of reproduction is required. Suitable for either 33 1/3 or 78 R. P. M. recordings. Plays records up to 16" and is set in a double adjustable balancing frame. Over-all length 15". Counterbalance set to permit exact reproducing pressure on the record. 20 ohms impedance. Shpg. wt. 10 lbs.

A160—Your Cost Special ..... \$12.50



### VICTOR Magnetic Pick-Up Heads



The same magnetic pick-up head that is used on all late model receivers of RCA-Victor, Graybar, G. E., RCA-Photophone, etc. Low impedance of approximately 20 ohms. Straight neck type.

A171—Nickel finish. Your Cost ..... \$2.15



### VICTOR Brunswick Low Impedance Pick-Up Head

Used on early model combinations of RCA, Victor, Brunswick, etc. Has cobalt steel permanent magnet, and is housed in a bronze

finished brass case. Special Victor connecting plug made for either right or left side connection. Shpg. wt. 1 lb.

A172—Your Cost ..... \$1.45

High impedance pick-up head same as above, but finished in dull gold lacquer. \$1.45

A173—Your Cost ..... \$1.45

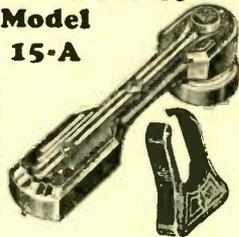


### VICTOR Pick-Up Coils

Replacement coils for all models of RCA-Victor, Graybar, G.E., Westinghouse, etc., pick-ups.

Cat. No.	RCA No.	Ohms Imp.	Size In.	Your Cost Each
A169	2769	20	1 1/2 x 1 1/2 x 1 1/8	39¢
A174	2255	3300	1 1/2 x 1 1/2 x 5/8	
A176	2254	3300	1 1/2 x 1 1/2 x 5/8	

### Trutest Pick-Up Model 15-A



An entirely new development in pick-ups. The unit instead of projecting at an angle is placed in a flat position that considerably improves the frequency response. Both the highest treble and the lowest bass are reproduced as faithfully as the record will permit. A new method of pivoting assures smooth operation and a minimum of needle scratch. Attractively finished in a beautiful dull gold with built-in volume control. Shipping weight 4 lbs.

A147—List Price \$11.00 Your Cost ..... \$5.45

### Counterbalance for Trutest Pick-Up

To be used with the above pick-up to assure the correct pressure for operation when used with 33 1/3 R. P. M. records. Shpg. wt. 4 lbs.

A148—List Price \$2.00 Your Cost ..... \$1.15

### PIEZO-ASTATIC Pick-Up



This pick-up has been designed with the idea of producing for the listener the illusion of absolute reality of tone production. With this pick-up the quality of the music available is limited only by the fidelity of reproduction of the amplifier and speaker system. The Piezo Electric Crystal used in this pick-up is the most perfect agent known for changing mechanical motion to electrical energy. Quality of sound reproduction through this unit is always referred to by the listener as having crystal clearness. With this pick-up such an alteration becomes an actuality. Mechanically it is one of the best pick-ups made. It has ball bearing pivots and is so arranged that only 2 ozs. of pressure are exerted on the record. Thus slow playing records can be played without the use of additional counterbalancing weights. Two types are available, standard for ordinary work and high fidelity, for work requiring special quality. Both types are made with 8 or 12" tone arms. Standard uses 1/2 Meg. Volume control and high fidelity uses 1/4 Meg. Shipping weight 5 lbs.

A161—Standard 8" Arm. Your Cost ..... \$9.00

A162—Standard 12" Arm. Your Cost ..... \$9.60

A163—High Fidelity 8" Arm. Your Cost ..... \$12.00

A164—High Fidelity 12" Arm. Your Cost ..... \$15.00

### Aluminum Record Blanks for Recording

The records are aluminum discs and will faithfully record the voice of any person, music or sounds of any type. They can be used to record on both sides and with the proper bamboo needles are practically indestructible.

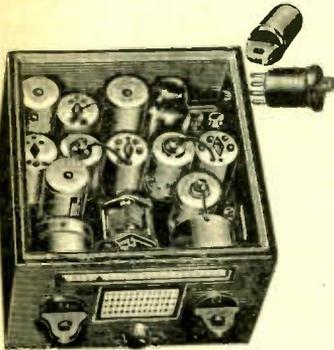


Stock No.	Size	Your Cost Each
A200	6"	\$0.12
A201	8"	.18
A202	10"	.30
A203	12"	.45

Stock No.	Size	Your Cost Each
A204	6"	\$0.18
A205	8"	.30
A206	10"	.45
A207	12"	.59

We Will Not Knowingly Be Undersold

# NATIONAL "FB7A" Amateur S. W. Receiver



- 20 MC. to 1500 KC.
- Double Shielding

- 59 Class "A" Output
- High Selectivity and Sensitivity
- Tuning Curves on front panel
- Two I. F. High Gain Stages
- Absolute single control tuning—No trimmer
- Shielded "R39" coils changed from front panel
- Air tuned Litz-wound I. F. Transformers
- Amateur bands spread over 100 dial divisions

It is a seven tube (plus rectifier), Superheterodyne Receiver, with exceptional sensitivity, selectivity, stability and other characteristics essential in order to contend with the crowded amateur CW and phone bands.

### High Gain Air Tuned I. F. Transformers

Employs two stages of High Gain Air Tuned I. F. amplification (six tuned circuits), while individual filtering of all circuits including the oscillators, and thorough shielding results in unusual stability.

### Single Control Tuning

Absolute single control tuning; utilizes band spread and full range coils. All necessary adjustments made from front panel. Entire receiver is very compact, measuring only 11½x12". Encased in a metal cabinet with a black crackle finish. Tuning curves for the various coil ranges are mounted in a frame covered with celluloid on the face of the panel. This receiver can be operated with the standard national power pack or with a filament transformer and "B" batteries. Tuning scale is of the straight line type illuminated from the rear with two pilot lights. This type of scale provides easy to read calibrations. Receiver is completely wired, less tubes, coils and power supply. Shpg. wt. 28 lbs.

**N13867**—List \$57.00. **Your Cost** **\$34.20**

FBXA receiver, equipped with crystal holder and crystal for single signal reception. Less tubes, coils and power supply. **\$47.70**

**N13871**—List \$79.50. **Your Cost** **\$49.95**

Complete kit of tubes for above: 1-56, 1-57, 2-58's, 1-59, 2-24's. **Your Cost** **\$4.95**

**N13868**—General coverage coils, 20 to 33; 27.2 to 42.8; 39.4 to 66.6; 55.5 to 88; 81 to 115.3 meters. Five sets of coils in pairs. **\$6.00**

**Your Cost per Pair** (specify coil range desired) **\$6.00**

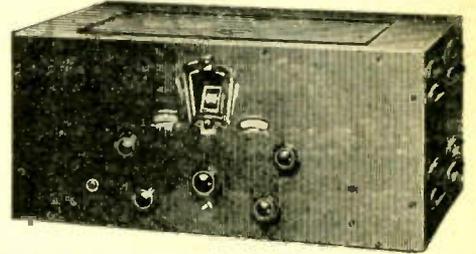
**N13869**—Bandspread coils in pairs for 20, 40, 80 and 160 meter bands, covering phone and CW portions. **\$6.00**

**Your Cost per Pair** (specify coil range desired) **\$6.00**

**N13877**—5897AB high voltage for operation of 59 tubes at full rating. 115 volt, 60 cycle. Less tube. **\$15.90**

**Your Cost** **\$15.90**

# Hammarlund Comet "PRO" S. W. Superheterodyne



- Complete—no extras to buy.
- Built-in power supply.
- Band spread tuning at all frequencies.
- Four sets of coils cover all bands from 20000 Kc. to 1500 Kc.
- Litz-wound I. F. transformers tuned by air-dielectric, isolantite-insulated condensers provide greater selectivity and sensitivity.

### OPTIONAL SINGLE SIGNAL RECEPTION

This receiver has been especially designed for use in the over-crowded amateur phone and CW bands. QRM in these bands has become so severe that only a highly selective receiver can pull through the station you want to hear. The new improved Hammarlund "PRO" obtains a remarkable approach to single signal selectivity by the use of a razor-sharp I. F. amplifier combined with a new tuned beat-frequency oscillator. A new improved and highly effective automatic volume control minimizes station fading to a considerable degree. For extreme selectivity a quartz crystal filter is readily adaptable. Uniform ¼ microvolt sensitivity and 10 Kc. selectivity over the entire range of frequencies. An unusually high signal to noise ratio. Jacks are provided for headphone reception and the use of the new heater type output pentode the 2A5 with an output of 3 watts gives excellent loudspeaker results. Amateurs interested in the reception of European broadcasts will be particularly pleased with the ability of this remarkable receiver to bring in the foreign stations.

### USES NEW TYPE TUBES

The new improved tubes are used throughout, 4-58's, 2-57's, 1-56, 1-2A5 (3 watt output) and 1-80 rectifier tube. Mounted in an attractive metal cabinet of improved design that effectively shields the entire receiver and provides necessary ventilation. Shpg. wt. 51 lbs. For 110 V. 60 cycle operation.

**N13833**—"PRO" receiver, less tubes. List \$150.00 **\$88.00**

**Your Cost** **\$79.38**

**N13836**—"PRO" chassis, less tubes. List \$135.00 **\$79.38**

**Your Cost** **\$79.38**

Hammarlund "PRO" receiver with Quartz Crystal Filter for single signal reception. Makes the PRO the most selective set made.

**N13847**—"PRO" crystal receiver, less tubes—List \$190.00 **\$111.72**

**Your Cost** **\$111.72**

**N13848**—"PRO" crystal chassis, less tubes—List \$175.00 **\$102.90**

**Your Cost** **\$102.90**

**N13849**—Complete kit of Matched tubes for PRO sets. 4-58, 2-57, 1-56, 1-2A5, 1-80. **\$6.10**

**Your Cost** **\$6.10**

## NATIONAL Plug-in Type Inductances

### Standard Type



Moulded of R-39, the new low-loss coil form material developed by radio freq. lab. for short-wave use. ACSW-58 and revised ACSW3 require coils of the 60 series. Every coil laboratory tested. Under the finest

materials used throughout. **Specify type.**

Stock No.	Coil No.	Meter Range	Your Cost
N14400	10	9-15	
N14401	11	14-25	
N14402	12	23-41	
N14403	13	40-70	\$3.00
N14404	14	65-115	
N14405	15	115-200	
N14406	16	200-360	3.30
N14407	17	350-550	
N14408	18	550-850	3.90
N14409	19	850-1200	
N14410	20	1200-1500	4.80
N14411	21	1500-2000	

### Special Amateur Band Spread Coils

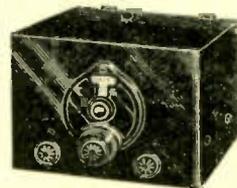
Designed so as to permit 50 dial division spreading on the amateur bands. Be sure to order the 60 series coils if 58 type tubes are employed in receiver, if not, order the 10 series.

Stock No.	Coil No.	Band	Your Cost
N14417	10-A	10	
N14412	11-A	20	
N14413	13-A	40	
N14414	14-A	80	
N14416	15-A	160	
N14435	61-A	20	
N14436	63-A	40	
N14437	64-A	80	
N14438	65-A	160	

### R-39 COIL FORMS

N14418	—4 prong UX base.	
N14419	—5 prong UY base.	
N14420	—6 prong special.	
N14421	—6 prong socket with mountings.	
<b>Your Cost Either Type.</b>		<b>45¢</b>

## NATIONAL SW-3 Thrill Box



The SW-3 thrill box employs the same circuit, and all other essential features, as the famous SW-5, except for a more compact layout and the elimination of the last or P. P. stage. It is designed especially for aircraft, portable and amateur communication use. Utilizes 2-58's and 1-27 tubes. Can be operated from a filament transformer and

135 volt B batteries. Shpg. wt. 20 lbs. Less tubes and coils. **\$17.70**

**N13817**—List \$29.50 **Your Cost** **\$17.70**

Complete with three sets of band spread coils for 20-40 and 80 meter bands. Less tubes. **\$26.70**

**N13818**—List \$44.50—**Your Cost** **\$26.70**

National B Eliminator and Filament Transformer described below, especially designed to operate the above SW3 receiver, supplying all the necessary voltages.

**3850**—National B Eliminator. Operates 1 to 6 tube sets. Adjustable taps: 22-45 V., 45-90 V., 90-135 V. Full 180 V. at 35 ma. for power tube, non-adjustable. Utilizes a 280 tube. **\$9.90**

**N14380**—List \$16.50—**Your Cost** **\$9.90**

**CFL**—A compact, easily mounted filament transformer secondary winding, 2½ volts at 10 amps. **\$1.80**

**N14395**—List \$3.00—**Your Cost** **\$1.80**

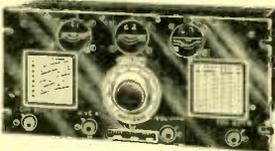


# Everything for the HAM



## NATIONAL "AGS"

### Communication Type Short-Wave Superheterodyne



The National "AGS" is a professional type short wave receiver developed by National engineers in conjunction with the Airways Division of the U. S. Department of Commerce and is guaranteed to provide the finest possible type of receiving equipment. Extremely high sensitivity and selectivity, combined with easy operation, rigid construction to maintain frequency calibration and dependability of performance are outstanding features. Nine tubes are used in the following circuits: 1-236 as R. F. amplifier and preselector; 4-236 as first detector; 1-236 as high-frequency oscillator; 1-236 as first I. F. amplifier; 1-236 as second I. F. amplifier; 1-237 as second detector; 1-236 as MVC-AVC tube; 1-236 as beat-frequency oscillator; 1-89 as power amplifier.

- OUTSTANDING FEATURES**
- Tuned R. F. stage preceding 1st detector.
  - Electron coupled oscillator.
  - Single dial tuning 270.
  - Calibration curves and station chart on panel.
  - Coil change from front of panel.

- Automatic volume control or manual volume, by throw of switch.
- Extremely rigid mechanical construction.
- Relay rack mounting 8 3/4 x 19.
- Frequency range 1500 to 20,000 K. C.
- Band spread coils available.
- Heterodyne oscillator for C.W.
- A. C. or battery operation.
- Panel switch for phones or speaker.
- Mechanical filter for single signal reception available.

**N13856**—Completely wired and laboratory tested with coils to cover 1500 to 20,000 K. C. Less Tubes—**\$161.70**  
Your Cost .....

**N13864**—Model AGSX—Same as Model AGS, but with single signal crystal control.  
Your Cost .....

**\$191.10**

Matched Set of RCA Tubes.  
Your Cost .....

**\$9.30**

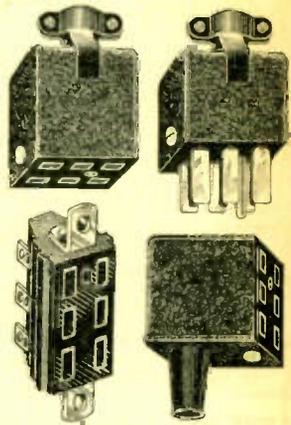
## Power Supply for "AGS" Receiver

Type GRSPU Rack and Panel Power Supply for 105-120 V. 50-60 cycle. Less tube. **\$29.70**  
**N13865**—Your Cost .....

The "AGS" Receivers may be operated on batteries if desired. When so operated we recommend the use of heavy duty "B" Batteries and the Super Service "A" Batteries listed on page 136.

## Heavy Duty Plugs and Sockets

A series of heavy duty multiple contact plugs and sockets made of genuine moulded bakelite with heavily armored metal caps. These connectors are very sturdily made and are excellent for use with portable public address systems where the equipment is subject to unusually severe service. Plug is equipped with a clamp for securing cable and preventing the pulling out of connections. Sockets are available in three types, one with a clamp similar to plug, together with the plug, is best suited for connecting two cables. The second can be used for the same purpose but, instead of a clamp, is equipped with a rubber sleeve. The third is for use in the amplifier, or the equipment proper, and when mounted on 16 gauge metal will be flush. Contacts are securely fastened and will grip tightly. Plugs and sockets are polarized and accidental contact cannot be made. Metal is attractively finished in black crackle lacquer with nickel-plated screws. Many other styles of plugs and sockets are available and can be furnished if desired. Write for information. Shpg. wt. 1 lb.



### Plug With Clamp

Stock No.	Contacts	Your Cost
L12400	2	\$0.42
L12401	4	.51
L12402	6	.60
L12403	8	.66
L12404	10	.75
L12405	12	.84

### Socket With Clamp

Stock No.	Contacts	Your Cost
L12412	2	\$0.66
L12413	4	.78
L12414	6	.90
L12415	8	1.05
L12416	10	1.17
L12417	12	1.32

### Flush Socket

Stock No.	Contacts	Your Cost
L12406	2	\$0.51
L12407	4	.63
L12408	6	.75
L12409	8	.90
L12410	10	1.02
L12411	12	1.17

### Socket With Sleeve

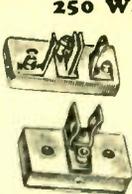
Stock No.	Contacts	Your Cost
L12418	2	\$0.63
L12419	4	.75
L12420	6	.87
L12421	8	1.02
L12422	10	1.14
L12423	12	1.29



### 50 W. Tube Socket

Fits all 50 watt tubes. Isolantite base, nicked metal shell. Shpg. wt. 2 lbs.

**N14053**—**\$1.85**  
Your Cost .....



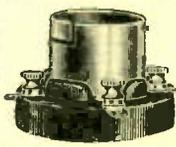
### 250 Watt Tube Mounts

Two separate mounts made of Isolantite that are easily mounted on brackets or a panel. Solid one-piece grid contact clip. Spring bronze filament clips will carry 20 amps. Shpg. wt. 2 lbs. Terminals marked.

**N14056**—Per pair.  
Your Cost .....

**\$3.08**

### Porcelain Transmitting Socket



Porcelain base, polished nicked shell. Dual wiping contacts of phosphor bronze cadmium plated. UX and 50 watt sizes. Real heavy duty socket. **N14160**—UX base. Shpg. wt. 2 lbs.

**N14161**—50 Watt Size.  
Your Cost Each .....

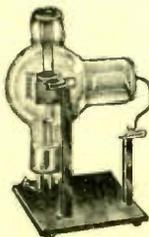
**\$1.35**

### Type -52 Tube Holder

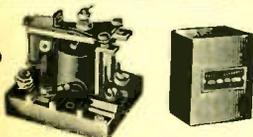
An exceptionally well made mounting adapted for use with either type -52 or -60 tubes. Heavy insulated base with engraved terminals. Polished hard rubber pillars. Fahstock clips. Shpg. wt. 2 lbs.

**N14054**—For -52s.  
**N14055**—For -60s.  
Your Cost .....

**\$1.70**



### WARD LEONARD Midget Relays



Model 501: For use with mercury-vapor rectifiers. With enclosing cover and adjustable thermal time element to delay the plate potential. For use where a compact relay is desired for automatic or remote control of circuits. Single pole, single throw, single break, normally open, 110 V. 60 cycle. Shpg. wt. 2 lbs.

**N14131**—**\$8.82**  
Your Cost Each

Model 507: Keying Relay; single pole, single throw, double break. 2 1/2 volts D. C.

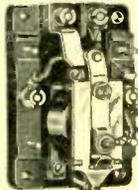
**N14133**—**\$4.12**  
Your Cost Each

Model 508: Keying Relay same as above for 6 volts D. C.

**N14134**—Your Cost Each .....

**\$4.12**

### DUNCO Midget Keying Relay



A midget keying relay suitable for speeds as high as 40 words per minute. Can also be used wherever a quick acting sensitive, compact relay is required. Large silver contacts will interrupt currents up to 6 amperes at 110 V. A. C. and 1 amp. 110 V. D. C. Coil consumes 50 mills. at 110 V. 60 cycles and can be furnished for voltages up to 220 A. C. and 60 V. D. C. Designed for mounting on vertical panel. Size 2 1/4" long by 1 1/2" wide by 1 1/4" deep. Shpg. wt. 4 lbs.

**N14178**—Dunco Relay type ASBX1.  
Your Cost .....

**\$3.25**  
May be had with cover at \$1.00 additional.

### DUNCO Constant Temperature Control Relay



This relay is designed to be used with an adjustable mercury thermo-regulator. With this type of regulator it is possible to accurately control temperature in ovens, incubators, etc., to very close limits. Relay is designed to reduce voltage and current to be broken by instrument contacts. For example, 110 V. 60 cycle control the amperage would be approximately 12 milliamperes. Contacts will handle up to 30 amps. 110 V. A. C. Shpg. wt. 7 lbs.

**N14179**—Your Cost .....

**\$9.25**

### DUNCO Time Delay Relay



This relay is very useful wherever it is desired to close one circuit after another circuit has been on for a given time. It is most often used with hot cathode rectifying tubes by connecting the input terminals across the primary of the filament transformer and the output terminals to the

primary of the plate transformer the plate voltage will be applied to the plates 30 seconds after the filaments have been turned on. Can be used with plate transformers up to 500 watts if rectifier feeds directly into a condenser and with transformers up to 1000 watts if a choke precedes the condensers. 2 1/2 x 1 1/2 x 2 1/2" with covers and rear studs. Shpg. wt. 5 lbs.

**N14177**—Dunco Time Delay Relay.  
Your Cost .....

**\$7.25**

**We Will Not Knowingly Be Undersold**

# Transmitting Equipment

## Truest Oscillating Transmitting Crystals



Fundamental frequency-control is now possible with these Truest quartz crystals. Carefully ground from the finest quartz obtainable to precision thickness. Approximately 1" square with rounded corners. X or Y cut and accurate to within one tenth of 1% or better. Specify frequency and cut desired and we will supply nearest STOCK crystal calibrated.

Stock No.	Frequency K. C.	Your Cost
M13501	7000 to 7300	\$4.75
M13502	3500 to 4000	3.25
M13503	1700 to 2000	3.25
M13504	500 to 1500	5.50

### Single Signal Quartz Receiver Filter

Used in single signal receivers with I. F. transformers tuned between 525 and 465 Kilocycles. Specify frequency.

M13459—525 to 465. Your Cost **\$5.50**

### 100 K. C. Frequency Standard Bar

Used for checking frequency calibration. Very accurate.

M13460—100 K. C. Your Cost **\$5.95**

## Oscillating Quartz Blanks

High quality quartz blanks about 1 1/2" square with rounded corners. These crystals are practically finished but have not been calibrated. Furnished X or Y cut for 80 meter band. Specify cut desired.

M13461—Your Cost **\$1.98**

## Biiley Socket Type Holder

Crystal holder of moulded bakelite to fit tube socket base. 20-40 meter and 80-160 meter types.

M13098—20-40 meter. Your Cost **\$1.40**

M13099—80-160 meter. Your Cost **\$1.40**

## Crystal Holder



Made of heavy nickel plated brass and bakelite. Has standard prongs. Ground oxidized metal bottom contact and spring brass upper contact.

Size 2 1/4" x 1 1/4" x 1/2".  
N14098—Your Cost **\$2.40**  
Less Crystal.....

## Base Receptacle for Crystal Holder

Made of Bakelite. Insulating qualities insure minimum of loss, resulting in maximum efficiency.

N14099—Your Cost **\$4.75**

We can supply quartz specialties. Write us your requirements.

## AEROVOX Adjustable X'Mitting Vitreous Enamel Grid Leaks



Genuine Pyrohm resistor covered with a baked on enamel. A strip of the winding has been left exposed and an adjustable slider makes contact anywhere along the entire length. Calibration marks are provided so that an ohmmeter is not needed. Can also be used as a heavy duty voltage divider by using additional sliders. Ideal for the laboratory man who experiments with circuits requiring a reliable heavy duty resistor. Special enamel coating prevents losses due to moisture. 8 1/2" long and 1 1/4" in diameter. Maximum wattage rating 200 watts. Shpg. wt. 3 lbs.

Stock No.	Res. Ohms	Your Cost
D3544	5,000	\$1.89
D3545	10,000	1.95
D3546	20,000	2.04
D3547	25,000	2.04
D3548	50,000	2.10
D3549	100,000	2.34

Extra Sliders, Each..... 7c

## H & H Bleeder Resistors



Widely known and used by practically all amateurs. Furnished complete with end mounting brackets. No tap.

### 100 Watt. 6 1/2" by 1 1/4" inches.

Stock No.	Working Volts	Res. Ohms	Your Cost
N14100	500	50,000	\$1.48
N14101	1000	60,000	1.58
N14102	1000	80,000	1.68
N14103	1500	100,000	1.75

### 200 Watt. 8 1/2" by 1 1/4" inches.

Stock No.	Working Volts	Res. Ohms	Your Cost
N14104	750	50,000	\$1.75
N14105	1000	60,000	1.88
N14106	1500	80,000	1.98
N14107*	2000	100,000	3.10

(\* ) Indicates double units.

### Special Grid Leaks

Stock No.	Working Volts	Res. Ohms	Your Cost
N14108	500	5,000	\$1.18
N14109	1000	10,000	1.18
N14110	1500	15,000	1.18
N14111	2000	20,000	1.45
N14112	3000	30,000	1.45
N14113	50,000	50,000	1.48

## SANGAMO Mica Condensers

5000 V. D. C. Test—2500 V. D. C. Working

Stock No.	Cap.	Stock No.	Cap.	Your Cost Each
D3076	.0005	D3080	.0003	<b>\$1.17</b>
D3077	.0001	D3081	.002	
D3078	.00015	D3082	.001	
D3079	.00025			

See pages 106 to 111 for complete listing of all types of condensers.

## LEICHERNER Glass X'Mitting Condensers



These condensers are a radical departure from conventional design in that they have high quality Flint Glass plates as the dielectric. By using flint glass only about .00291% of the power flowing through the condenser is lost. In some mica con-

densers the loss is about 100% greater. Type A4 condensers are rated at 8000 V. eff. Capacities up to 350 Mmfd. are of 1.25 amp. carrying capacity, over 350 Mmfd. are of 1.75 amp. at 3500 Kc. Shpg. wt. 1 lb.

Stock No.	A4—8000 Eff. Volt	Cap'y Mmfd.	Your Cost
D4100	100	100	\$1.62
D4101	150	150	1.62
D4102	200	200	1.62
D4103	250	250	1.62
D4104	300	300	1.62
D4105	350	350	1.62
D4106	400	400	1.62
D4107	450	450	1.62
D4108	500	500	1.62

Similar to above except mounted in open type frame. Rated at 5000 volts eff. Shpg. wt. 1 lb.



Stock No.	Cap'y Mmfd.	Your Cost
D4095	75	\$0.73
D4096	100	.73
D4097	150	.73
D4098	200	.73
D4099	250	.73

## AEROVOX Transmitting Mica Condensers



Designed for average low and high power transmitters. Finest grade India Ruby Mica used for the dielectric and special foil for the plates. Entire condenser element

is impregnated thoroughly to protect it against moisture and temperature changes. Moulded bakelite cases. Tested at double the working voltage.

Stock No.	Type	Cap'y Mmfd.	Your Cost
D3820	.00007	50.42	
D3821	.0001	.42	
D3822	.0002	.42	
D3823	.00025	.42	
D3824	.00037	.42	
D3825	.0005	.42	
D3826	.001	.54	
D3827	.0015	.69	
D3828	.002	.81	

Stock No.	Cap'y Mmfd.	Your Cost
D3835	.000075	\$0.54
D3836	.0001	.54
D3837	.0002	.63
D3838	.00025	.63
D3839	.00037	.63
D3840	.0005	.75
D3841	.001	.90
D3842	.0015	1.17
D3843	.002	1.35

## Aerovox Transmitting Condensers

### Paper Type



Designed for heavy duty power supply units. Ideal for use in all D. C. generators or rectified A. C. output circuits used to feed filter circuits of transmitters and heavy duty amplifiers. Non-inductively wound to provide good power factor and low equivalent series resistance characteristics. Oil impregnated.

Stock No.	Type	Cap'y Volt. Mmfd. D. C.	Size In.	Your Cost
D3560	1003	1 1000	4x5x1 1/4	\$2.85
D3561	1003	2 1000	4x5x2	4.20
D3562	1503	1 1500	4x5x2 1/2	4.50
D3563	1503	2 1500	4x5x5	6.30
D3564	2003	1 2000	4x5x3	6.30
D3565	2003	2 2000	4x5x6 1/2	10.20
D3566	2503	1 2500	4x5x5	7.20
D3567	3003	1 3000	4x5x6 1/2	8.70
D3568	3503	1 3500	4x5x6 1/2	9.90

### Electrolytic

These high voltage dry electrolytic condensers represent a distinct advance in design of transmitting condensers. They will withstand their rated voltages for long periods of time without deterioration.



Stock No.	Cap'y Volt. Type Mmfd. D. C.	Size In.	Your Cost
D3575	1004 1 1000	2x5x1 1/4	\$2.64
D3576	1004 2 1000	4x5x1 1/4	3.21
D3577	1004 4 1000	4x5x1 1/2	3.75
D3578	1504 1 1500	4x5x1 1/2	4.14
D3579	1504 2 1500	4x5x1 1/2	4.89
D3580	1504 4 1500	4x5x3 1/2	9.00
D3584	2504 1 2500	4x5x3 1/2	7.14
D3585	2504 2 2500	4x5x6 1/2	12.96
D3586	2504 4 2500	4x12 1/2 x 5	25.14
D3590	3504 1 3500	4x5x6 1/2	10.32
D3591	3504 2 3500	4x9 1/2 x 5	19.50
D3592	3504 4 3500	4x19x5	38.25

# Transmitting Equipment

## Dial Lever Indicators

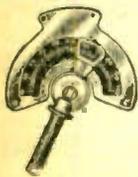


Designed for transmitter control panel use. Well defined bronze pointers and heavy insulated handles. 1/4" shaft.

- TYPE "S"**—Length 5"  
N14382—List \$2.75  
Your Cost Each **\$1.65**
- TYPE "M"**—Length 5 7/8"  
N14383—List \$3.00  
Your Cost Each **\$1.80**
- TYPE "J"**—Length 6"  
Has hex. knob and round handle.  
N14384—List \$3.75  
Your Cost Each **\$2.25**



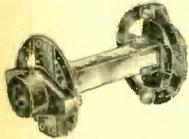
## Transmitter Dial



Suitable for all major controls of the Xmitter. Can be rotated to any position and locked there by simply pressing the handle. Has additional scale space for individual calibrations. Die-cast aluminum, cadmium lacquer finish. Shipping weight 3 lbs.

N14170—Your Cost Each **\$4.20**

## High Voltage Shaft Couplings



- For coupling condensers, etc., with high potential differences.
- N14396—2" leakagepath bar.  
List \$7.00  
Your Cost **\$4.20**
- N14397—3 1/2" leakagepath bar.  
List \$7.75  
Your Cost **\$4.65**
- N14398—6" leakagepath bar.  
List \$8.50  
Your Cost **\$5.10**



**Shell Only**  
No fittings. For those who wish to provide their own rods and fittings. Shipping weight 4 lbs.

- R16815—4 3/8"x6 1/8".  
R16816—4 3/8"x6 1/4".  
Your Cost **69¢**

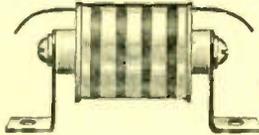


## Pyrex Standoff Insulators

These high-grade Insulators are the last word in stand-off type units. Are absolutely non-hygroscopic. Unaffected by temperature changes. Oval base size 3 1/2"x1 1/8". Diameter of glass 1 1/2". Have flash-over value when dry of 21.5 and 56 KV, respectively. Shipping weight 2 lbs.

- R16808—3" high overall.  
Your Cost Each **\$1.54**
- R16809—7" high overall. Shipping weight 3 lbs.  
Your Cost Each **\$1.72**

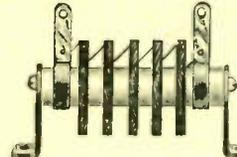
## Hammarlund Chokes



### 125 Mill. Isolantite R. F. Choke

Low Loss R. F. Choke for short and ultra short wave receivers and transmitters. Four windings on an isolantite spool. 8 Millihenry; 70 ohms D. C.; 125 Mills. Low minimum capacity makes them particularly suited for use as grid chokes. Flexible leads and mtg. brackets. Shpg. wt. 8 oz.

N14093—List \$1.10  
Your Cost **65¢**



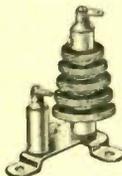
### 500 Mill. R. F. Choke

Heavy duty transmitting choke for use in plate circuits carrying not over 600 Mills. continuously or 750 intermittently. 5 open type windings on isolantite core provide efficient ventilation. 5.3 millihenries; 1.5 mmd. distributed capacity. Insulated terminals and mtg. brackets. Shpg. wt. 8 oz.

N14094—List \$2.25  
Your Cost **\$1.33**

## NATIONAL Chokes

### Transmitting Choke



Isolantite mounted choke for medium and high power transmitters, with a continuous winding in 5 tapered sections for efficient cooling. Insulated for 10,000 volts. Inductance 4 M. H.; distributed capacity 1 mmd.; D. C. resistance 10 ohms; continuous current rating .6 amps.; intermittent .8 amps. Terminals placed on top provide an effective air gap and facilitate wiring. Shpg. wt. 8 oz.

N14399—List \$2.25  
Your Cost **\$1.35**

### R. F. Choke for Ultra Short Wave



An excellent choke for use in receivers or in lowpowered transmitters. Wound in 4 sections on isolantite form. Extremely low distributed capacity. Inductance 2 1/2 millihenries; D. C. resistance 50 ohms; distributed capacity 1 mmd.; rating 125 M. A. Can be mounted in grid-leak clips or with stiff wire leads.

N14429—List 75c  
Your Cost **45¢**

## HOYT Hot Wire Ammeters

An extremely efficient meter for measuring the output of small transmitters. Not affected by variations in frequency. 3" overall diameter; mounts in 2 1/4" hole.

- Shpg. wt. 1 lb. List \$5.00
- J10445—Range 0-1.5 amps.  
J10447—Range 0-5 amps.



J10446—Range 0-3 amps.

Your Cost, Either Type. **\$2.94**

## Antenna Insulators

### Airplane Type

Complete with brass rod and fittings. Mounts to flat surface by means of screws extending through outer flange. Diameter 3 1/4", length 4". Shpg. wt. 2 lbs.

R16810—List \$4.00  
Your Cost Each **\$2.75**

### Amateur Type

Diameter 2 1/4". Supplied with brass rod, 4 brass jamb nuts, 2 brass washers, 2 rubber washers and 2 rubber gaskets. Shipping weight 3 lbs.

R16813—15" rod. List \$2.20  
Your Cost **\$1.50**

R16814—20" rod. List \$2.30  
Your Cost **\$1.58**

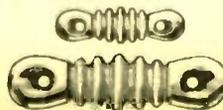
### Antenna Feeder Spreaders



Bakelite. 3/4"x3/8" thick. "1" bolt and recessed washer holds No. 12 or 14 wire. Permanent grip. Ideal for Zeppelin Antenna.

R16817—Spaces 5" apart.  
R16818—Spaces 7".  
Your Cost Each **15¢**

### Pyrex Antenna Insulators



Strong and neat; a size for every amateur purpose.

Stock No.	Length	Power Overall Rating	Your Cost
R16805	3 3/8"		\$0.17
R16806	7 3/8"	250 Watts	.68
R16807	12 3/4"	1 1/2 KW	2.06

## Stand-Off Insulators

Corrugated porcelain well glazed. Suitable for use as mountings for transmitter output terminals, switch gear, wiring, etc. 2 sizes both with 1/4"-20 brass stud. Shpg. wt. 12 oz.



- R16811—5 1/2" high, 2 1/4" square base.  
Your Cost **33¢**
- R16812—3 3/8" high, 1 1/2" square base.  
Your Cost **24¢**



## R. F. Chokes

Pie wound. R. F. chokes for a small powertubes. Effective 15 to 90 meters.



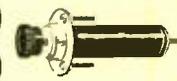
D. C. resistance 12.9 ohms. Shipping weight 1 lb.  
N14050—Your Cost Each **72¢**

### 500 M. A. Chokes

Single layer winding on bakelite. 15 to 90 meter band. .26 MH D. C. 5.2 ohms. Shipping weight 1 lb.

- N14051—Your Cost **85¢**  
90 to 200 meter band. .73 MH D. C. 7.1 ohms. Shipping weight 1 lb.
- N14052—Your Cost **\$1.43**

## BRADLEY Radiostats



Power Rheostats especially designed for radio transmitting apparatus.

Type E2111: Resistance 4 to 150 ohms. Capacity 1/2 K. W. Shipping weight 5 lbs.

N14128—Your Cost Each **\$5.42**

Type E210: Resistance 4 to 150 ohms. Capacity 75 watts. Shipping weight 2 lbs.

N14129—Your Cost Each **\$3.34**

Type E210: Radioleak: Variable grid leak. Range, 5000 to 30,000 ohms. Shipping weight 2 lbs.

N14130—Your Cost Each **\$4.17**

## Antenna Insulator



The finest aerial insulator made. Very efficient for use with high power transmitters. Made of Wet Process Porcelain coated with a smooth glaze to prevent the collection of dirt. All sizes are 1" in diameter and will withstand a strain of 1500 lbs. Shpg. wt. 8 oz.

R16827—7" long.  
Your Cost Each **36¢**

R16828—12" long.  
Your Cost Each **44¢**

R16829—20" long.  
Your Cost Each **67¢**

## Feeder Spreader



Made of wet process porcelain which is much denser and is far less moisture absorbent than the ordinary dry process type. 6" long with grooves and holes for lead wires. Shpg. wt. 1 lb.

R16819—List 25c  
Your Cost Each **17¢**

We Will Not Knowingly Be Undersold



# Everything for the HAM

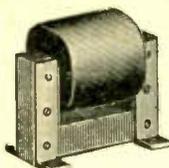


## Trutest Transformers and Chokes



### Filament Transformers

Rugged and well made of highest grade materials; guaranteed to deliver their rated voltages and loads without danger of overheating. Terminals are mounted on insulating strips mounted at top of transformer. All models have 10,000 volt insulation except Cat. No. N14078 which has 1000 volt. While low in price these units must not be confused with cheap flimsy transformers that have been built to a price rather than to a quality standard. Cores are of the finest grade core iron and are sufficiently large in size. Max. shpg. wt. 7 lbs.



### Filter Chokes

Real large units that have been designed to stand hard usage. They have been accurately rated and like all Trutest products are fully guaranteed. Provide excellent filtering action for transmitters or can be used in large amplifiers. Max. Shpg. wt. 30 lbs.

Stock No.	Ind. Hys.	Current Mills	Your Cost
N14086	10	250	\$4.75
N14087	30	160	5.50
N14088	30	250	8.10
N14089	30	350	10.75
N14090	30	500	12.75

## Trutest Double Chokes

Two chokes each being approximately 20 henrys mounted on same core, rated at 160 M. A. For two section filter. Shipping weight 15 lbs.

N14091—	<b>\$6.25</b>
Your Cost Each	4.75
Same as above rated at 250 M. A. Shipping weight 18 lbs.	
N14092—	<b>\$9.25</b>
Your Cost Each	9.25

Stock No.	Secondary Volts	Amps.	Your Cost
N14078	2.5	10	\$1.45
N14079	2.5	10	3.25
N14080	7.5	5	3.50
N14081	7½-7½	4-4	4.75
N14083	10	6	4.50
N14084	12	6	4.50
N14085	14	6	4.50

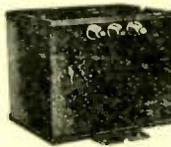
## THORDARSON Transformers

### Plate Supply Transformers

#### Type 4450

Delivers out of filter 500 volts at 150 M. A. Size 6¼ x 5½ x 6¾". Shipping weight 24 lbs.

**A306**  
Your Cost..... **\$11.76**



**Type 4455.** Delivers out of filter 2000 volts at 250 M. A. Size 7¼ x 9 x 7¼". Shipping weight 52 lbs.

**A307—Your Cost \$20.60**

**Type 4460.** Delivers out of filter 2000 volts of 750 M. A. Size 10x12x10". Shipping weight 126 lbs.

**A308—Your Cost \$49.95**

**Type 2387-A.** 1000-0-1000 volts and 1500-0-1500 volts. Capacity 300 V. A. Size 7½ x 5¼ x 7½". Shipping weight 23 lbs.

**A309—Your Cost \$11.15**

**Type T-2388-A.** 1500-0-1500 volts and 2000-0-2000 volts. Capacity 500 V. A. Size 7½ x 6¼ x 8½". Shipping weight 30 lbs.

**A310—Your Cost \$14.70**



### Filament Heating Transformers 45 Series

**Type 4585.** 2½ volts C. T. 5¼ x 5¼ x 4½". Shipping weight 13 lbs.  
**A304—Your Cost... \$7.05**

**Type 4586.** 5 volts C. T. 20 amp. Sec. 6¼ x 6¼ x 6¾". Shipping weight 22 lbs.  
**A305—Your Cost... \$8.80**

### Filament Heating Transformers

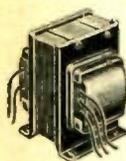


**Type T-2383.** 12 volts C. T. at 176 V. A. size 4½ x 5 x 6". Shipping weight 15 lbs.  
**A315—Your Cost... \$5.88**

**Type T-2382.** 12 volts C. T. at 80 V. A. Size 3½ x 4½ x 4". Shipping weight 7½ lbs.  
**A316—Your Cost... \$3.50**

**Type 3680.** 2½ volts C. T. at 10 amp. Size 3½ x 3¾". Shipping weight 6 lbs.  
**A317—Your Cost... \$4.41**

## For Hams with Depression Pocketbooks Amateur Transformers and Chokes



Hams here at last is a Power Transformer that is real high quality and can stand up and take it. Take it in abuse but not from your pocketbook for all the fancy frills have been eliminated to bring the price down to present depression levels. A real husky transformer (its 11 pounds proves that) that delivers 800 volts each side of secondary at 150 mills and insulated to withstand 3500V. Flexible insulated leads are color coded for easy identification. Frame is of the open type, not fancy, but it does permit plenty of ventilation. Design is generous so that it may be loaded to its full 150 M. A. without overheating. Size 4¾ x 3¾ x 6"

high. Shpg. wt. 11 lbs.

**P15842—For 110 V 60 cycle A. C. operation**  
**Your Cost \$4.95**

Filter choke 15 henry 250 M. A. to match. Size 3¾ x 3¼ x 4¾". Can also be used as modulation choke.

**P15843—Shipping weight 7 lbs.**  
**Your Cost \$3.50**

### Unshielded Reactors



**Type T-2353.** 6 henrys at 150 M. A. 3000 volt insulation. Size 3x3¼ x 3¾". Shipping weight 5½ lbs.

**A319—Your Cost... \$2.94**

**Type T-2071.** 30 henrys, 150 M. A. 3000 volt insulation. Size 2¼ x 3½ x 6". Shipping weight 7 lbs.

**A320—Your Cost \$5.88**

**Type 2027.** 30 henrys, 300 M. A. 3000 volt insulation. Size 5x3½ x 8". Shipping weight 17 lbs.

**A321—Your Cost \$7.94**

### Shielded Filter Reactors



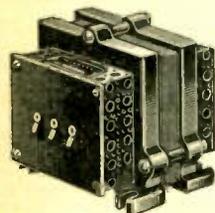
**Type 4451.** 25 henrys, 250 M. A. 6¼ x 4½ x 4½". Shipping weight 20 lbs.  
**A312—Your Cost \$5.85**

**Type 4456.** 25 henrys, 250 M. A. Size 5¾ x 6¾ x 8¾". Shipping weight 30 lbs.

**A313—Your Cost \$8.80**

**Type 4461.** 25 henrys, 750 M. A. Size 12x8x8". Shipping weight 58 lbs.  
**A314—Your Cost \$29.40**

## KENYON Plate Transformers



A real quality transformer with a distinctly professional appearance. Mountings are heavy cast iron tightly bolted together with a pierced screen covering the winding. Bakelite terminal plates provide excellent insulation as well as a finished appearance. Regulation of plate transformers is better than 5%.

**Type KPTD** 2000 to 3000 volts each side of secondary at 350 A. Shpg. wt. 90 lbs.

**P15847—110 V. 50-60 cycle.**  
**Your Cost \$44.16**

**Type KPTE** 1400 volts each side of secondary at 400 A. Shpg. wt. 34 lbs.

**P15848—110 V. 50-60 cycle.**  
**Your Cost \$20.70**

**Type KPTEF** 750 volts each side of secondary at 300 A. Shpg. wt. 20 lbs.

**P15849—110 V. 50-60 cycle.**  
**Your Cost \$10.35**

**Type KPFA** furnishes 750 volts each side of secondary at 165 A. with two 7½ volt 3 ampere windings and one 2½ volt 10 ampere winding. Shpg. wt. 20 lbs.

**P15844—110 V. 50-60 cycle.**  
**Your Cost \$9.66**

**Type KPFB** 1000 to 1500 volts each side of secondary at 200 A. Shpg. wt. 27 lbs.

**P15845—110 V. 50-60 cycle.**  
**Your Cost \$13.80**

**Type KPFC** 1500 to 2000 volts each side of secondary at 250 A. Shpg. wt. 34 lbs.

**P15846—110 V. 50-60 cycle.**  
**Your Cost \$20.70**

Prices on Kenyon Modulator and Filter Reactors quoted on request. For Class "B" Audio Components see page 99.

## KENYON Filament Transformers

Designed to match the plate transformers and reactors in appearance.

**Type KF83** supplies one 5 V. winding at 6 A. C. T. and two 5 V. at 3A. each C. T. 3000 V. insulation. Shpg. wt. 10 lbs.

**P15892—115 V. 50-60 cycle.**  
**Your Cost \$4.83**

**Type KF250** Three 7.5 V. 2½ ampere windings center tapped. 3000 V. insulation. Shpg. wt. 10 lbs.

**P15893—115 V. 50-60 cycle.**  
**Your Cost \$4.83**

**Type KF866** supplies 2½ V. at 10 amps. center tapped. 10,000 V. insulation. Shpg. wt. 9 lbs.

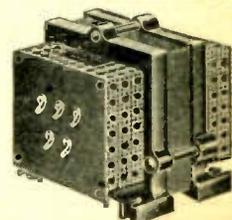
**P15894—115 V. 50-60 cycle.**  
**Your Cost \$4.14**

**Type KF872** Supplies 5 V. at 20 amps. center tapped. 10,000 V. insulation. Shpg. wt. 14 lbs.

**P15895—115 V. 50-60 cycle.**  
**Your Cost \$6.90**

**Type KF845** Supplies 10 V. at 7 amps. center tapped. 5,000 V. insulation. Shpg. wt. 13 lbs.

**P15896—115 V. 50-60 cycle.**  
**Your Cost \$6.90**



**Type KF204** Supplies 11 V. at 8 amps. center tapped. 5,000 V. insulation. Shpg. wt. 13 lbs.

**P15897—115 V. 50-60 cycle.**  
**Your Cost \$6.90**

**Type KF212** Supplies 14 V. at 12 amps. center tapped. 5,000 V. insulation. Shpg. wt. 29 lbs.

**P15898—115 V. 50-60 cycle.**  
**Your Cost \$8.78**

**Type KF851** Supplies 11 V. at 31 amps. center tapped. 10,000 V. insulation. Shpg. wt. 35 lbs.

**P15899—115 V. 50-60 cycle.**  
**Your Cost \$17.25**

# TRANSMITTING TUBES

## LAFAYETTE

Now more than ever Lafayette Transmitting Tubes defy comparison and command recognition. A radically new improvement makes these popular tubes a greater value than ever before. Graphite Plates in the new 852 and fifty watt tubes

will not only stand a severe overload without damage but will give twice the average tube life when operated under normal conditions. It will pay you to use Lafayette Tubes. Their low original cost and their long life due to precision manufacture will save you money

**Type 510C**—New 15 Watt Oscillator and Power Amplifier that is interchangeable with the Type 210. Extremely stable in operation and conservatively rated. Base is standard UX type made of Isolantite, the finest high voltage insulation known. Filament volts 7½. Filament current 1.25 amps. Plate voltage 500 at 60 milliamperes. Shpg. wt. 2 lbs.  
**Your Cost Each . . . . . \$3.25**

**Type 210**—7½ Watt Oscillator, an old favorite considerably improved. Filament voltage 7½; filament current 1.25 amps. Plate voltage 350 volts at 40 mils. Shpg. wt. 2 lbs.  
**Your Cost . . . . . \$2.50**

**Type 852**—100 Watt Oscillator and R. F. Power Amplifier. Fits standard UX socket but Grid leads are brought out at top and Plate leads out of side assuring highest insulation and lowest inter-electrode capacity. Filament volts 10; filament current 3.25 amps. Plate volts 2000 normal, 3000 maximum. Particularly suitable over 3000 KC. Shpg. wt. 3 lbs.  
**Your Cost . . . . . \$17.95**

**Type 204A**—Standard 250 Watt Oscillator and R. F. Power Amplifier; can also be used as a Modulator. Negative grid bias class B 100 volts; class C 175 volts. Filament volts 11 at 3.85 amps. Plate voltage 2000 volts at 200 M. A. Shpg. wt. 7 lbs.  
**Your Cost . . . . . \$96.50**

**Type 872**—Half wave hot cathode mercury vapor rectifier. A heavier duty tube than the 866. Filament volts 5 at 10 amp. Maximum peak plate current 2.5 amps. Peak volts 7500. Shpg. wt. 3 lbs  
**Your Cost . . . . . \$14.50**

**Type 866**—An excellent Half Wave Mercury Vapor Rectifier for use in power supply systems for transmitters. Filament volts 2.5; filament current 5 amps. Maximum peak plate current .6 amps. Shpg. wt. 2 lbs.  
**Your Cost . . . . . \$2.70**

**Type 871**—Half Wave Mercury Vapor Rectifier. Filament volts 2.5; filament current 2 amps. Peak plate voltage 5000 volts, peak current 300 M. A. Shpg. wt. 2 lbs.  
**Your Cost . . . . . \$2.20**

**Type 203A**—The standard 50 Watt Oscillator, R. F. Amplifier and Class "B" Modulator. This tube has proven its reliability and is very popular and now with the new Graphite plate has been considerably improved both as to life and overload capabilities. Filament 10 volts at 3.25 amps. Plate 1250 volts at 125 M. A. Shpg. wt. 3 lbs.  
**Your Cost . . . . . \$10.95**

**Type 211**—General purpose 50 Watt Tube; equally efficient as Oscillator, A. F. and R. F. Amplifier and Modulator. Filament volts, 10; filament current 3.25 amps. Plate volts 1250; plate current 125 M. A. Similar in appearance to 203 A. Shpg. wt. 3 lbs.  
**Your Cost . . . . . \$10.95**

**Type 242**—50 Watt Tube that functions well as Oscillator, Radio or Audio Frequency Amplifier and Modulator. Filament volts, 10; filament current 3.25 amps. Plate volts 1250 at 125 M. A. maximum. Shpg. wt. 3 lbs.  
**Your Cost . . . . . \$10.95**

**Type 869**—An extra heavy duty Half Wave Rectifier of the mercury vapor type. For use with high power transmitters. Shpg. wt. 7 lbs.  
**Your Cost . . . . . \$147.50**

**Type 845**—50 Watt Linear Power Amplifier and Modulator. Not recommended as a radio frequency amplifier. Primarily an A. F. tube. Filament volts 10 at 3.25 amps. Plate volts 1250 at 75 M. A. Shpg. wt. 3 lbs.  
**Your Cost . . . . . \$10.95**

**Type 865**—7½ Watt Screen Grid R. F. Power Amplifier particularly designed for use above 3000 KC. Fits UX base but has plate terminal at top of tube. Filament volts, 7.5; filament current 2 amps. Plate volts 450 normal; 750 maximum. Shpg. wt. 2 lbs.  
**Your Cost . . . . . \$10.75**

**Type 860**—100 Watt Screen Grid Oscillator and R. F. Amplifier. Has been particularly designed for use at frequencies greater than 3000 KC. Filament volts 10; filament current 3.25 amps. Plate volts 2000 modulated and 3000 unmodulated. Shpg. wt. 4 lbs.  
**Your Cost . . . . . \$32.95**

**Type 205**—Power Amplifier may also be used as oscillator or modulator. Filament voltage 4.5; current 1.6 amps. Plate volts 400; current 50 mils. Output as amplifier approx. 14 watts. Shpg. wt. 2 lbs.  
**Your Cost . . . . . \$4.95**



### TRANSMITTING TUBES

Type	Description	Dealer's Cost
852	75-Watt Oscillator and Power Amplifier	\$23.80
842	A. F. Power Amplifier and Modulator 7.5 v. Filament 425 v. Plate at 28 Mils.	7.80
841	Oscillator, Modulator and Power Amplifier	7.80
865	Screen Grid R. F. Power Amplifier	12.75
866	Mercury Vapor Half-Wave Rectifier	5.74

### High Voltage LITTELFUSES



Efficient, inexpensive, renewable type fuses, for the protection of amateur and commercial transmitting tubes, high voltage rectifiers, etc. Contain multi-break fuse wire that blows each ½ inch of its length. Rated to blow at 50% above rating. This margin has been found necessary due to capacitive and inductive surges present in high voltage circuits. Extremely quick acting. Fuses are the greatest form of economy; they cost little, and may save many dollars. It is the cheapest kind of tube insurance.

1000 V. Cat. No.	Your Cost	Amps.	5000 V. Cat. No.	Your Cost
N12350	\$0.24	1/16"	N12360	\$0.42
N12351	.21	1/8"	N12361	.42
N12352	.21	1/4"	N12362	.39
N12353	.21	3/8"	N12363	.39
N12354	.21	1/2"	N12364	.39
N12355	.24	3/4"	N12365	.39
N12356	.24	1"	N12366	.45
N12357	.24	1 1/2"	N12367	.45
N12358	.24	2"	N12368	.45

### I. C. A. 50 W. Socket



Panel mounting type. Insulite base, nickel plated metal.  
**W12632**—Shpg. wt. 1 lb.  
**Your Cost . . . . . \$2.06**

### Code Practice Sets SIGNAL Transmitting Keys

#### High Frequency Buzzer Set



Consists of a key and special high frequency buzzer mounted on a polished wood base. Connect a dry battery to the binding post on the set, press the key and a buzzing sound resembling radio note will be produced. An easy and quick means of learning the code. Base 7 3/4". Shpg. wt. 2 lbs.  
**N14001—Your Cost Each . . . . . \$1.80**

#### Junior Practice Set

Similar to the above but with metal base and non-adjustable buzzer. An inexpensive practise set that will serve the purpose for the beginner. Shpg. wt. 3 lbs.  
**N14014—Junior Set. Your Cost . . . . . 90¢**

#### Twin Practice Sets

A two way communication outfit, consisting of two junior practice sets complete with 75 feet of wire and an easily understood instruction book. Can be operated a considerable distance apart, between houses, etc. Well made and attractively finished. Outfit complete packed in an attractive display carton. Shpg. wt. 6 lbs.  
**N14015—Twin Practice Set  
Your Cost . . . . . \$1.80**

#### Sending Keys



Designed especially for radio work. Arm, base, and supporting posts of heavy cast brass. Coin silver contact points. Shpg. wt. 2 lbs.

Stock No.	Contacts	Net Price
N14002	3/8"	\$2.05
N14003	1/2"	2.21
N14004	3/4"	2.30

#### Wireless Key



This key is heavy enough to handle up to one quarter kilowatt and will prove satisfactory for the average amateur station. Similar in construction to the ordinary telegraph key except that it has 1/4" coin silver contact points. Polished and lacquered brass metal parts, hard rubber button. Shpg. wt. 2 lbs.  
**N14005—List \$2.50. Your Cost . . . . . \$1.47**

#### High Frequency Buzzer



A constant pitch high frequency buzzer especially suited for modulating a C.W. carrier or for making code practice set. Black crystalline case. Shpg. wt. 1 lb.  
**N14006—Your Cost Each . . . . . 73¢**

**NEW** *Readrite*  
**COMBINATION SETS**



**No. 576**

A very complete portable test outfit that makes it possible to repair any set right in the customer's home. Contains No. 410 Tube Tester for checking tubes, No. 710 Analyzer for testing all voltages, etc., and No. 550 Oscillator for aligning R. F. condensers, I. F. transformers and locating defective R. F. transformers. Output meter can also be used for testing relative hum value of tubes, etc. Oscillator and Tube Tester are on one panel and Analyzer is contained in a sliding drawer that locks automatically when cover is closed. Case size 22 3/4" long 6 1/2" wide and 8 1/2" high. Shipping weight 22 lbs.

**K11009—List \$85.00**  
**Your Cost..... \$49.98**

**No. 579**

Same as above but using the No. 550 oscillator, No. 416 Tube Tester and No. 711 Analyzer with the new 1000 ohm per volt Triplett meters.

**K11014—List \$107.00**  
**Your Cost..... \$62.92**

*Readrite* **Add-A-Unit Plan**

**No. 576—Case with Two Units**

Stock No.	List Price	Your Cost	
<b>K10990</b> —Nos. 550 and 410	\$68.50	\$40.28	Under the Add-A-Unit plan, one or two units may be purchased, adding other units later.
<b>K10991</b> —Nos. 550 and 416	76.75	45.13	
<b>K10992</b> —Nos. 550 and 710	68.50	40.28	
<b>K10993</b> —Nos. 410 and 710	60.50	35.57	
<b>K10994</b> —Nos. 416 and 711	72.50	42.63	

**No. 576 Case with One Unit**

Stock No.	WITH CASE		LESS CASE	
	List Price	Your Cost	Stock No.	List Price
<b>K11193</b> —550 Oscillator	\$46.50	\$27.34	<b>K11157</b>	\$32.50
<b>K11194</b> —410 Tube Tester	38.50	22.64	<b>K11155</b>	24.75
<b>K11195</b> —416 Tube Tester	46.75	27.49	<b>K11172</b>	33.00
<b>K11196</b> —710 Analyzer	38.50	22.64	<b>K11160</b>	24.75
<b>K11197</b> —711 Analyzer	52.25	30.72	<b>K11176</b>	38.50

**No. 410-710**

The improved No. 710 Analyzer combined with the No. 410 Tube Tester in a portable case only 21x14x7 1/2". Every test necessary on both tubes and set is easily made with this outfit. Case is leatherette covered. Shpg. wt. 14 lbs.

**K11177—List \$55.00**  
**Your Cost..... \$32.34**

**No. 416-711**

Same as above but with new highly accurate 1000 ohms per volt Triplett meter on Analyzer and Precision meter on Tube Tester. Shpg. wt. 14 lbs.

**K11178—List \$82.50**  
**Your Cost..... \$48.51**

**New Readrite No. 410 Tube Checker**



For checking all new and old type tubes including 25Z5, 2A4, 2A6, etc. Mutual conductance type giving two plate readings. Simplest to operate and most reliable. Tests both plates of double plate rectifiers. Detachable meter with illuminated scale. Strong leatherette covered case with removable cover. For portable or counter use. Shipping weight 9 lbs.

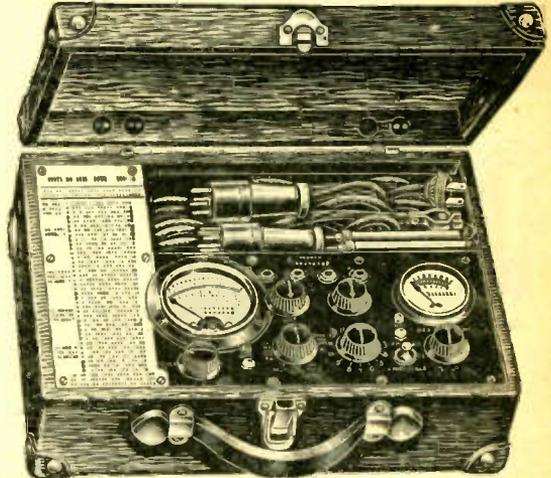
**K10981—List \$27.50**  
**Your Cost..... \$16.17**

**No. 412**

Same as above but including a type 451 short tester.

**K10982—List \$40.00**  
**Your Cost..... \$23.52**

**No. 1000** *Readrite*



**A New Resistance, Continuity and Capacity Tester. For Set Analyzer, Testing Voltages, Milliamperes, Resistance and Capacity**

A distinct improvement in set testing equipment. Tests each individual tube circuit directly, to power supply. Uses the modern point to point method without removing chassis from cabinet. By using two analyzing plugs, instead of the usual one, a complete check of all resistances, capacities, transformers and wiring is made between plug inserted in rectifier socket and plug inserted in whatever socket is being tested. The new large Triplett moving coil 0-1 milliammeter-voltmeter reads up to 3 megohms, 600 volts D. C. and 300 milliamperes. 3 1/2" face, long easily read scales. Triple scales clearly calibrated as follows: 0-30-300-600 volts D. C., 0-30-300 M. A. and 0-500-50,000 ohms, 0-3 megohms. Resistances up to 6 megohms may be read with external battery. A 110 volt 60 cycle A. C. meter is calibrated for capacities for capacities from .008 to 10 mfd. Two 22 1/2 volt batteries and one flashlight cell are contained in the battery compartment. Variable controls provide accurate calibration on both ohmmeter and capacity meter. Jacks and test leads are furnished for external connections to meters. Strong portable case with removable lid covered in serviceable black fabricoid. Shpg. wt. 13 lbs.

**K11015—List Price \$50.00**  
**Your Cost..... \$29.40**

**\$29.40**

**No. 610**



A three meter analyzer that quickly checks all voltages, plate current, etc. Charts furnished for measuring resistances to 100,000 ohms and testing condensers. Scale readings are 0-20-60-300-600 D. C. volts, 0-10-140-700 A. C. volts, 0-15-150 M. A. D. C. meter resistance 300 ohms per volt. Case has space for tools, etc. Analyzer in removable tray. Shpg. wt. 10 lbs.

**K11013—List \$33.00**  
**Your Cost..... \$19.40**

**No. 611**

Same as above but with Triplett 1000 ohms per volt, voltmeter.

**K11163—List \$46.75**  
**Your Cost..... \$27.49**

**Short Tester Model 451**

It is always good practice to test tubes for shorts before inserting in a tube checker. A shorted tube may easily damage an expensive tester. Makes a complete test of every possible short between different tube elements. Heater type tubes due to expansion of the cathode must be tested for shorts while heated. Meter reads directly Good or Shorted. 110V. A. C. operation. Shpg. wt. 7 lbs.

**K11179—List \$16.00**  
**Your Cost..... \$9.41**



# Readrite

**NO. 710**

## Set Analyzer and Tube Tester



### Complete with Removable Cover

This three meter tester is equipped with a practical selector switch for checking all parts of tube circuits by connecting to set sockets. Tests plate, grid, cathode, suppressor grid and screen grid quickly and accurately. Plate volts, filament volts, line and power supply volts are also measured. The grid swing test for tubes is used. Just push one button for the screen grid tubes and another for the other type tubes. The battery is used for continuity testing of transformers, chokes, etc. Capacity and resistance charts are furnished, showing use of instrument for testing condensers and measuring resistances up to 100000 ohms. The nine scale readings may be used separately with the jack terminals provided. Scale readings are: 0-20-60-300-600 D. C. volts, 0-10-140-700 A. C. volts and 0-15-150 M. A. Contains new wiring with 6-hole and 7-hole sockets. Contains small size plug with latch for the four sockets. Tests new type tubes as well as old types. Housed in a strong case with a leatherette covering. Attractive. Compact. Complete. Fills every need for radio set testing. Size 10 3/4 x 13 1/2 x 8". Removable cover. Shipping weight 7 lbs. **K11026—List \$27.50**  
**Your Cost \$16.17**

### No. 711 Analyzer

For those wishing more accurate readings than are possible with a 300 ohm per volt meter this model using the new Triplett 1000 ohm per volt meter is recommended. Scale reads 0-15-60-300-600 volts and with 4 1/2 volt battery ohmmeter reads to 266,000 ohms. **K11162—List \$41.25**  
**Your Cost \$24.25**

### Test Oscillator No. 550



A completely shielded, self modulated Oscillator. Covers entire broadcast and intermediate bands. Tuning dial direct reading for 120-185 and 550-1500 KC. Sharp second and third harmonics cover intermediates. A special shielded lead wire to connect oscillator to set is furnished. Test lead wires and break-in adapter are supplied when equipped with output meter. Direct reading dial has large swing and widely spaced scale divisions. Rotating switch has position for Broadcast and Intermediates. Attenuator control tube and battery compartments separately shielded. Calibration controlled by trimmer. Oscillation carefully calibrated at factory. Very compact and strong. Size 6x12x5". Licensed under A. T. & T. patents. Complete with 30 type tube, 22 1/2 volt B battery and two unit cells. Shipping weight 11 lbs.

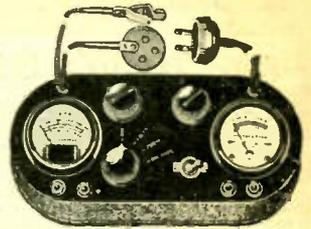
**K11030—Complete with Panel Output Meter.**  
**List \$35.00. Your Cost \$20.58**

### Test Oscillator No. 551

Realizing that many servicemen already have A. C. meters that can be used as output meters we offer this model which is exactly the same in every respect as the model 550 but is less the output meter. Comes complete with 22 1/2 volt B battery two unit cells and a 30 type tube. Case 6x12x5" covered in black leatherette. Shipping weight 11 lbs. **K11029—List \$30.00**  
**Your Cost \$17.64**

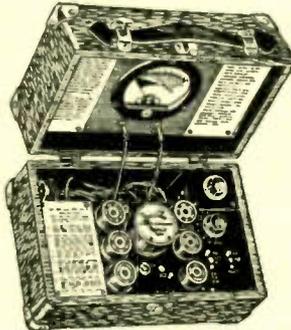
## Readrite CAPACITY TESTER No. 850

A new instrument for testing Electrolytic and Paper Type Condensers. Has two meters: an A. C. meter calibrated in microfarads—double scale .008 to 10 mfd. and an A. C. meter which connects to 60 cycle A. C. supply line and is adjusted to 100 volts. Leaky and faulty Electrolytic Condensers are easily tested with this instrument. Tip jacks provide for test leads when testing condensers independent of receiving set. Seamless metal case. A very convenient and practical instrument. Instructions supplied. Shipping weight 3 lbs. **K11031—Without Cover. List \$16.50**  
**Your Cost \$9.70**  
**K11032—With Cover. List \$18.75**  
**Your Cost \$11.02**



## Counter and Portable Direct Reading Tube Checker

### Readrite Model 442



Especially designed to help you sell tubes. Instead of meaningless figures the large open face meter has colored scales your customer can easily understand. Red for poor, yellow for doubtful and blue for good tubes. Meter is mounted in cover at correct angle for counter use. A. C. voltmeter and rheostat adjusts tester to line voltage. Two charts alongside meter show correct operation of tester for new and old type tubes. A. C. operation. Shipping weight 15 lbs. **K11019—List \$60.50**  
**Your Cost \$35.57**

## Readrite

### Resistance Meter Model 501



No. 501. The same meter as that used in the No. 500 instrument. Has flange for panel mounting. A thoroughly reliable instrument at a popular price. Requires 3 small flashlight cells, which with resistance to be measured are connected in series with meter. Used for testing resistance in radio sets and circuits generally. Fine for continuity tests. Extreme diameter, 2 3/4". Shipping weight 1 lb.

**K11006—List \$2.75**  
**Your Cost, Each \$1.62**  
503 Resistor. 1150 ohms, with jack terminals. For use with 22.5 volt battery to increase reading of No. 500 Ohmmeter to 60,000 ohms. **K11165—List Price \$1.65**  
**Your Cost 97¢**

## Readrite

### Direct Reading Ohmmeter Model 500



Mounted in seamless steel cases 4" in diameter. Model 500 provides direct readings of ohmages up to 10,000 and D. C. volts up to 4.5. Model 502 furnishes readings to 10,000 ohms on one scale and up to 40 ohms on second scale, for voice coils and shorted turns of IF transformers. Both are complete with a small 3 cell flashlight battery and leads. Shipping weight 2 lbs. **K11020—List \$6.50**  
**Your Cost \$3.82**

## Readrite

### Capacity Meter Model 800



This efficient capacity meter, which should be part of the equipment of every serviceman, is used for testing paper condensers only.

The A. C. meter reads directly in microfarads .008 to 10. Two scales, upper, .008 to .25; lower, .1 to 10 mfd. Contains rheostat, switch, test leads, and plug for A. C. 60 cycle connection. In a seamless metal case 4 1/2" in diameter, baked enamel finish. Full instructions and charts are furnished for testing from 10 to 400 henrys, and resistances of from 40 to 100000 ohms. Shipping weight 2 lbs. **K11022—List \$8.75**  
**Your Cost \$5.14**

Model 502  
**K11005—List \$7.75**  
**Your Cost \$4.56**

Model 506  
Same style as above but with Triplett voltmeter 0-1 1/2 having resistance readings 50,000 and 500 ohms. Zero adjustment on front of meter. Scales are clear and accurate. **K11154—List \$14.25**  
**Your Cost \$8.38**

We carry a large stock of Readrite products and are prepared to supply you with any of their merchandise. Prices quoted and information cheerfully given on any item not listed. No transportation allowance is made on Readrite instruments.

# Meter WESTON Analyzer

THE STANDARD OF COMPARISON

## NEW! Standardized Service Units and Cases

Now WESTON has greatly simplified the acquirement of a complete portable testing laboratory by the serviceman. A complete series of testing units comprising Analyzer, Tube Checker, Oscillator, Volt-Ohmmeter and Capacity Meter have been designed with a standard panel size of  $5\frac{1}{2} \times 8\frac{1}{4}$ ". Each is mounted in a metal housing which in turn can be inserted into either the single unit carrying case or the complete 6-unit case. By purchasing a 6-unit case and one, or two, of the units the others can be added from time to time as desired. Each unit is of the most advanced design and together they form the most complete and highly accurate test equipment that could be desired.

### Model 660 Set Analyzer

A single meter tester for complete voltage and current readings at the tube sockets in all makes of receivers. Meter is of the sensitive moving coil type with copper-oxide rectifier for A. C. readings. Single selector switch for obtaining all voltage and current ranges through the tester cable. Pin jacks with suitable test leads are provided for external connections so that continuity, resistance, voltage and current tests are easily made. A multiple socket for 4, 5 and 6 prong tubes and, for both small and large 7 prong tubes with an adapter set, is mounded into the panel.

Instrument scale is marked 0-7-14-35 a-c and d-c, 1000 ohms per volt. Ranges available at pin jacks are: D. C. 0-7-35-140-350-700 volts, 0-3-5-14-70-140 d-c Ma. A. C. ranges are 0-7-35-140-350-700 volts. Resistance ranges 0-1,000-100,000 ohms. Output meter 0-7-35-140-350 volts, with or without series condenser. Through the cord and tester plug are available a complete series of ranges providing for all tube socket readings encountered in service work. Size  $5\frac{1}{2} \times 8\frac{1}{4} \times 3"$ . Shpg. wt. 15 lbs. Carrying case not included.

**J10566**—Weston model 660 Analyzer.  
List \$70.00  
**Your Cost** ..... **\$51.45**

### Model 661 Tube Checker

Tests all 4, 5, 6, large 7 and small 7 prong tubes. Filament voltage selector switch is provided so that any filament voltage can be supplied to tube. This minimizes any possibility of obsolescence. Testing is very simply accomplished and complete instructions and chart of tube readings is furnished with each instrument.



Size  $5\frac{1}{2} \times 8\frac{1}{4} \times 5"$ . Shpg. wt. 15 lbs. Less carrying case.

**J10567**—Weston model 661 Tube Checker.  
List \$45.00  
**Your Cost** ..... **\$33.07**

### Model 662 Oscillator

A real accomplishment in this standardized group of test sets. Covers entire band of fundamental frequencies from 100 to 3,000 Kc., in four bands. Signal is self-modulated and very pleasing in tone. Output control provides adjustment from maximum to an extremely low minimum in each of the bands. Multiple switch selects the frequency band and a main frequency control the exact frequency desired in each band. Absolutely perfect shielding, everything, batteries and all, is in one shield. Comes complete with calibration curve for each band, shielded output lead, instruction chart, one 32 tube and all necessary batteries. Size  $5\frac{1}{2} \times 8\frac{1}{4} \times 5"$ . Without carrying case. Shpg. wt. 15 lbs.

**J10568**—Weston model 662 Oscillator.  
List \$50.00  
**Your Cost** ..... **\$36.75**

### Model 663 Volt-Ohmmeter

Never before has an instrument manufacturer offered an instrument with such flexibility of ranges. Indicates readings below 10 ohms to as low as 0.1 ohm, first calibration is 0.2 ohm. High range permits testing of grid leaks to 10 megohms. This wide coverage is made possible by the use of an especially sensitive

50 microampere meter and a selector switch to connect the proper resistances and self-contained batteries for each range of resistance. All batteries fit into clips mounted on the back of the bakelite panel. A control is provided for battery voltage adjustment. The following ranges are provided: 0-5-25-250, 2,500-25,000-250,000 center scale; 0-200, 1,000-10,000-100,000, 1,000,000, 10,000,000 ohms full scale; 0-2.5-10-100-250-500-1,000 volts full scale; 1,000 ohms per volt; 0-1-5-25-100 milliamperes full scale. These ranges are ideal for point to point testing of radio and other devices. Size  $5\frac{1}{2} \times 8\frac{1}{4} \times 3"$ . Complete with self-contained batteries and test leads but without carrying case. Shpg. wt. 15 lbs.

**J10569**—Weston model 663 Volt-Ohmmeter.  
List \$60.00  
**Your Cost** ..... **\$44.10**

### Model 664 Capacity Meter

Designed for a wide range of capacity and A. C. voltage measurements. Its many ranges will indicate this fact. Microfarads; 10-200, 1-20, 0.1-2, 0.01-0.2, 0.0001-0.02; and A. C. volts; 4-8-40-200-400-800 at 1,000 ohms per volt. It is operated much like the volt-ohmmeter. A main switch is used to select voltage or capacity ranges. Power supply is from a self-contained transformer operating from any 60 cycle line between 105 and 130 volts through a voltage adjuster. Complete with test leads and instructions but without carrying case. Shpg. wt. 15 lbs.

**J10573**—Weston model 664 capacity Tester.  
List \$55.00  
**Your Cost** ..... **\$40.43**

### Carrying Cases

Single case to house an individual unit neatly finished in black leatherette with carrying handle. Specify type unit case is to be used for. Shpg. wt. 3 lbs.

**J10574**—Single Unit Carrying Case.  
List \$5.00  
**Your Cost** ..... **\$3.75**

Six unit case is generally used with up to five units so that extra compartment can be used for test leads, adapters, etc. By purchasing this case, even if you only have one or two units now, it will allow for future expansion. Attractively finished in black leatherette with handle. Shpg. wt. 10 lbs.

**J10575**—Weston Six Unit Carrying Case.  
List \$15.00  
**Your Cost** ..... **\$11.02**

## WESTON Model 665-6 Selective Analyzer



An entirely new design in analyzers. Consists of two distinct units. One, the analyzer proper, contains the meter and range switches. The other known as the selector unit consists of an analyzer plug and cable terminating in a small rectangular box that plugs into the analyzer. This box contains the socket and a group of pin jacks so connected that contact can easily be made to any tube terminal for voltage tests or can be broken into for current and grid tests. Selector units are provided for 4, 5, 6, and 7 prong sockets, and an adapter to fit the 7 prong plug into the small 7 prong socket. With this system the analyzer will never become obsolete for should any new terminal arrangements be developed in tubes it will only be necessary to purchase an inexpensive selector unit to fit. The meter section will always remain the same. This analyzer uses the same size panel as the

standardized units and is in fact the sixth unit of this series. A two section case is available for the unit, one side of which is for the analyzer and the other for storing the selector units. Size of Analyzer  $5\frac{1}{2} \times 8\frac{1}{4} \times 5"$ . Shpg. wt. 15 lbs.

**J10576**—Selective Analyzer Model 665, less case.  
List \$65.00  
**Your Cost** ..... **\$47.77**

**J10577**—Carrying case for above. Two Section.  
Shpg. wt. 3 lbs.  
**Your Cost** ..... **\$5.52**

**J10578**—Complete set of Tube Selectors, 4, 5, 6, and 7 prong, and one adapter to fit 7 prong plug into small 7 prong socket. Shpg. wt. 2 lbs.  
List \$22.75  
**Your Cost** ..... **\$16.72**

**J10579**—Two Pairs of Jumper cables to be used with selectors. **\$1.10**  
**Your Cost** .....



### Model 564 Volt-Ohmmeter



A small compact Volt-Ohmmeter with ranges of 0-3-30-300-600 volts and 1,000-100,000 ohms. Supplied with self-contained battery and 50" test leads. A control is provided to compensate for drop in battery voltage. Two toggle switches select ohmmeter ranges and change meter for volt or ohmmeter circuits. Bakelite case size  $5\frac{1}{2} \times 3\frac{3}{4} \times 3"$ . Shpg. wt. 3 lbs.

**J10554**—Model 564 Volt-Ohmmeter.  
**Your Cost** ..... **\$22.05**

**J10580**—Same with 1 Meg. range added.  
**Your Cost** ..... **\$26.10**

### Model 571 Output Meter

A five range copper-oxide rectifier type voltmeter in a bakelite case. Ranges of 150, 60; 15, 6 and 1.5 volts are brought out to pin jacks through a dial switch. A self-contained condenser for blocking any d-c component is brought out to a separate pin jack for use when desired. Furnished with long test leads with clips for connection to speaker voice coil and an adapter for connections at the tube socket. Shpg. wt. 3 lbs.

**J10553**—Model 571 Output Meter.  
List \$30.00  
**Your Cost** ..... **\$22.05**



# TESTING SUPREME EQUIPMENT

## Model 444 Five Unit Tester

- Analyzer
- Tube Tester
- Oscillator
- Ohm-meter
- Capacity Tester



Now you can own a complete portable laboratory made only as Supreme can make it at the lowest price you ever thought possible. ANALYZER uses the newly developed and improved FREE REFERENCE POINT SYSTEM of analysis. TUBE TESTER accommodates all the new types without the use of troublesome adapters. OSCILLATOR is of the specially stabilized and completely shielded type with variable attenuator and uses tap switches with the frequencies plainly marked on the panel so that calibration charts are not required. Maximum tuning accuracy is assured at 11 fundamental frequencies ranging from 130 to 1875 kilocycles and covering the 20, 40 and 80 meter amateur bands. OHM-MEGOHMMETER ranges are 0/1,000/10,000/100,000/-1,000,000 ohms. CAPACITY TESTER ranges from 0/.125/1.25/12.5 microfarads. VOLTMETER ranges are 0/5/25/125/250/500/1250 mils. or volts either A. C. or D. C. All readings are directly on the single meter scale and no charts are necessary. Entire unit is very compact and exceptionally light measuring only 11x22x5". Encased in a highly polished hardwood case with cover. All hardware is highly polished nickel plate and handle is of genuine leather. Shpg. wt. 22 lbs. K10958—Model 444 Five Unit Tester

Your Cost.....\$87.70

## Model 91 Analyzer

- Ohmmeter
- Capacity Tester



Essentially the same as the Analyzer used in the AAA1 Diagonometer. With this Analyzer it is possible to make all tests rapidly and accurately due to the use of a unique switching arrangement eliminating the need for jumper leads. An accurate and extremely sensitive meter, with a 320 micro-ampere movement, is used in the exclusive compensated circuit incorporating the FREE REFERENCE POINT SYSTEM. Meter ranges are as follows: 0/2.5/10/25/100/250 A. C. or D. C. mills.; 0/2.5/10/25/100/250/1000 A. C. or D. C. volts; 0/5000/50,000/500,000 ohms with self contained battery and 0/5 meg. with external 45 volt battery; 0/0.1/1.0/10 Microfarads. Capacity calibrated as low as .002 mfd. Provision is made to test condenser leakage with output potential of set. Handsome hardwood case with cover. Shpg. wt. 17 lbs.

K10979—Model 91 Analyzer  
Your Cost.....\$58.75

## Model 45 Tube Tester



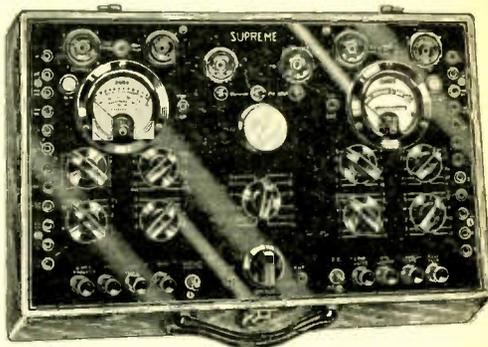
- Tests all New Tubes
- Filament Volts 1.5-30
- Tests for Gas
- Tests A-B-C-D-Y-Z Series
- Tests Duo-Diodes
- Counter or Portable Use

Takes all the 4, 5, 6, and small and large 7 prong tubes without adapters. All filament voltages from 1.5 to 30 volts including top

heater types. Through the use of variable switches this tester will test all the new types, including those not yet on the market, irrespective of pin terminal arrangements. Proper potentials can be supplied to any terminals you wish. It will test duo-diode tubes of any type. Tests tubes for gas content. In fact it is the most versatile tester ever developed and in addition will not soon become obsolete. The tester you have been looking for at the price you have wanted to pay. Mounted in a beautifully grained and highly polished hardwood case with cover so that tester may be used on your counter or carried to your customer's home. Genuine leather handle and nicked hardware. Black bakelite panel clearly engraved and large open face meter with genuine D'Arsonval movement. Comes complete with full instructions and chart showing correct readings for all types of tubes. Size 9½x11x5". Shpg. wt. 13 lbs.

K10955—Model 45 Tube Tester  
Your Cost.....\$28.90

## NEW 1934 MODEL AAA1 DIAGNOMETER



Combined TUBE TESTER; OHM and MEGOHMMETER; SHIELDED OSCILLATOR; CAPACITY METER and the NEW FREE REFERENCE POINT SYSTEM ANALYZER. The finest and most complete testing laboratory ever made by the acknowledged leader in the field. Supreme Multimeter circuit uses the new full wave crystalline rectifier accurately calibrated for the following ranges: 0/2.5/10/25/100/250 M. A. and 0/2.5 Amps. A. C.-D. C. 0/2.5/10/25/100/250/1,000/2,500 Volts; Capacity ranges, 0/-0.1/1.0/10. Mfda.; Resistance ranges 0/500/5,000/50,000/500,000 ohms and 0/5/25 Megohms. All readings are directly on dial, no charts necessary.

The exclusive Supreme FREE REFERENCE POINT SYSTEM of analysis has been still further improved in this new Master Diagonometer so that all point-to-point analytical measurements are made by the use of plainly marked switches. This not only provides maximum speed and flexibility but guards against early obsolescence. An A. C.-D. C. specially stabilized and completely shielded 100% modulated oscillator circuit with variable attenuator is employed with tap switch tuning frequencies marked on the panel so that TUNING CHARTS ARE NOT REQUIRED; maximum tuning accuracy is assured at 11 fundamental frequency settings ranging from 130 to 1875 kilocycles, and covering all the 20, 40 and 80 meter short wave bands. Tube tester has colored scales for good, bad and doubtful tubes. Size 6½x11¼x18¾". Shpg. wt. 35 lbs.

K10957—AAA1 Master Model Diagonometer  
Your Cost.....\$144.45

We carry a complete stock of all Supreme Instruments. Write for free Catalog describing and quoting prices on all Supreme models. Descriptions are much more complete than those given here due to limited space. Also quotes prices for modernizing your old Analyzer into a new Supreme model.

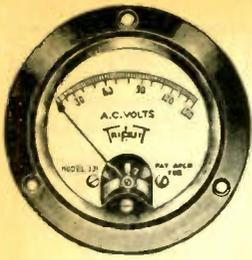
## Model 333 Radio Analyzer

- Analyzer
- Capacity Tester
- Ohmmeter
- Point-To-Point Tester



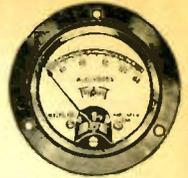
An entirely new model combining a very efficient point-to-point tester that provides complete resistance, voltage and current analysis with the new FREE REFERENCE POINT SYSTEM ANALYZER. Also tests the capacity and leakages of paper and electrolytic condensers. Tests tubes in operative sets by use of a self contained grid shift battery. Six range output meter available without the use of troublesome output adapters. Supreme Multimeter with the improved crystalline rectifier is used in the patented circuit that compensates for temperature and other variations. Meter ranges are 0/5/25/125/250/500/1250 mils. or volts either A. C. or D. C. Ohmmeter ranges are 0/1,000/10,000/100,000/-1,000,000 ohms and capacity ranges from 0/.125/1.25/12.5 mfd. All readings are directly on meter scale and do not require the use of charts. This is one of the finest values we have ever offered in an analyzer, it is very complete and extremely accurate and is of course of the high quality for which Supreme has become so well known. Encased in a handsome hardwood case highly polished, with cover, it is very attractive in appearance. Its compactness and light weight makes it very easy to carry and use. Size 9½x11x5". Shpg. wt. 12 lbs.

K10956—Model 333 Radio Analyzer.  
Your Cost.....\$38.70



# Precision Meters

In the design of these moving coil instruments possessing the finest precision qualities nothing has been spared to make them the leaders in the field. These meters are made of the finest materials; cases are of bakelite with all terminals moulded in and bearings are genuine sapphire jewels mounted in adjustable screws. D. C. meters are of the darsonval or moving coil type recognized as the most sensitive and accurate form of meter. A. C. meters are of the movable iron repulsion type giving a steady and accurate reading. Accuracy within 2%. Average shipping weight 1 1/2 lbs.



### D. C. Milliammeters

321-3 1/2"			223-2"		
D. C. M. A.	Stock No.	Your Cost	Stock No.	Your Cost	
0-1	K11200	\$4.58	K11208	\$3.75	
0-1.5	K11201	4.58	K11209	3.75	
0-10	K11202	3.75	K11210	2.94	
0-15	K11203	3.75	K11211	2.94	
0-50	K11204	3.75	K11212	2.94	
0-100	K11205	3.75	K11213	2.94	
0-200	K11206	3.75	K11214	2.94	
0-500	K11207	3.75	K11215	2.94	

### D. C. Voltmeters (125 Ohms per Volt)

321-3 1/2"			223-2"		
D. C. Volts	Stock No.	Your Cost	Stock No.	Your Cost	
0-5	K11230	\$3.75	K11247	\$2.94	
0-10	K11231	3.75	K11248	2.94	
0-15	K11232	3.75	K11249	2.94	
0-25	K11233	3.75	K11250	2.94	
0-50	K11234	3.75	K11251	2.94	
0-100	K11235	3.75	K11252	2.94	
0-150	K11236	3.75	K11253	2.94	
0-250	K11237	4.58	K11254	3.75	

### A. C. Ammeters

331-3 1/2"			233-2"		
A. C. Amps.	Stock No.	Your Cost	Stock No.	Your Cost	
0-1	K11255	\$3.75	K11260	\$2.94	
0-3	K11256	3.75	K11261	2.94	
0-5	K11257	3.75	K11262	2.94	
0-10	K11258	3.75	K11263	2.94	
0-25	K11259	4.58	K11264	3.75	

### A. C. Milliammeter

331-3 1/2"			233-2"		
A. C. Amps.	Stock No.	Your Cost	Stock No.	Your Cost	
0-15	K11265	\$3.75	K11269	\$2.94	
0-25	K11266	3.75	K11270	2.94	
0-50	K11267	3.75	K11271	2.94	
0-100	K11268	3.75	K11272	2.94	

### A. C. Voltmeters

331-3 1/2"			233-2"		
A. C. Volts	Stock No.	Your Cost	Stock No.	Your Cost	
0-5	K11273	\$3.75	K11280	\$2.94	
0-10	K11274	3.75	K11281	2.94	
0-15	K11275	3.75	K11282	2.94	
0-25	K11276	3.75	K11283	2.94	
0-50	K11277	3.75	K11284	2.94	
0-150	K11279	4.58	K11286	3.75	

### D. C. Ammeters (Self Contained Shunts)

321-3 1/2"			223-2"		
D. C. Amps.	Stock No.	Your Cost	Stock No.	Your Cost	
0-1	K11216	\$3.75	K11223	\$2.94	
0-5	K11217	3.75	K11224	2.94	
0-10	K11218	3.75	K11225	2.94	
0-50	K11219	4.58	K11226	3.75	
10-0-10	K11220	4.58	K11227	3.75	
30-0-30	K11221	4.58	K11228	3.75	
50-0-50	K11222	4.58	K11229	3.75	

### Model 321 (1000 Ohms Per Volt)

Stock No.	D. C. Volts	Your Cost
K11240	0-10	\$5.39
K11241	0-50	5.39
K11242	0-100	5.71
K11243	0-150	5.71
K11244	0-500	7.18
K11245	0-1000	10.46

### Model 325 Portable D. C. Voltmeter (1000 Ohms Per Volt)

This meter is equipped with pin jacks and tipped cable leads. **\$16.19**

# Readrite

## PORTABLE TYPE METERS



The A. C. meters are of the repulsion type and may be used with accuracy for either A. C. or D. C. testing. Not to be confused with the ordinary vane type with its restricted application. The higher reading A. C. voltmeters have over 100 ohms per volt resistance. The D. C. voltmeters are of the polarized vane solenoid type and contain resistance up to 800 ohms per volt.

### D. C. Voltmeters

(300 ohms per volt. 3" case)

Stock No.	Volts	List	Your Cost
K11122	0-300	\$4.95	\$2.92
K11123	0-500	6.05	3.56
K11124	0-60/300	4.95	2.92
K11125	0-750	6.60	3.89

### D. C. Milliammeters

Stock No.	Range	List	Your Cost
K11126	0-25	\$3.30	\$1.94
K11127	0-100	3.30	1.94
K11128	0-200	3.30	1.94
K11129	0-400	3.30	1.94

### D. C. Ammeters

Stock No.	Range	List	Your Cost
K11130	0-1	\$3.30	\$1.94
K11131	0-5	3.30	1.94
K11132	0-10	3.30	1.94
K11133	0-50	3.30	1.94

### A. C. Voltmeters

(100 ohms per volt)

Stock No.	Volts	List	Your Cost
K11134	0-150	\$4.40	\$2.59
K11135	0-300	5.50	3.23
K11136	0-600	6.60	3.89
K11137	0-150/750	8.80	5.07

### A. C. Milliammeters

Stock No.	Range	List	Your Cost
K11138	0-25	\$3.30	\$1.94
K11139	0-50	3.30	1.94
K11140	0-100	3.30	1.94
K11141	0-250	3.30	1.94
K11142	0-500	3.30	1.94

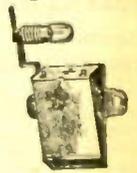
### A. C. Ammeters

Stock No.	Range	List	Your Cost
K11143	0-1	\$3.30	\$1.94
K11144	0-3	3.30	1.94
K11145	0-5	3.30	1.94
K11146	0-10	3.30	1.94
K11147	0-50	3.85	2.26

## READRITE Resonance Tuning Meters



High resistance type milliammeters used in the plate circuit in sets for visual tuning. Mounted in strong metal case. The circuit is brought to resonance when the needle swings to its furthest position. Scale and pointer behind glass covered opening. 6" cable leads and attachment studs and nuts supplied.



Shadowgraph Code TM120

### Front or Bottom Illuminated Type Code TM103

Stock No.	Scale
K11182	0-10
K11183	0-15

Your Cost, Any Type Exch. **88c**

Stock No.	Scale	M. A.
K11295	0-10	
K11296	0-15	



### Rear Illuminated Translucent Dial Code TM102

Stock No.	Scale
K11186	0-10
K11187	0-15

No escutcheon included at the above price. Escutcheons as illustrated.



Edgewise Mount. Shadow Illum. Code TM108

K11292—List Each 30c Your Cost **18c**

Stock No.	Scale	M. A.
K11190	0-10	
K11191	0-15	

### Panel Type D. C. Voltmeters

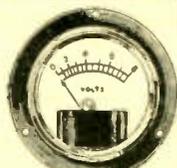
Stock No.	Range	Ohms	Your Cost
K11051	0-1	30	\$0.50
K11052	0-3	175	.59
K11053	0-5	410	.59
K11054	0-6	550	.59
K11055	0-8	850	.59
K11056	0-10	1475	.59
K11057	0-15	2914	.59
K11059	0-25	1625	.59
K11060	0-25	7720	1.62
K11061	0-50	3250	.59
K11062	0-50	15440	1.94
K11063	0-100	6500	.88
K11064	0-100	30888	1.94
K11065	0-150	9750	1.03
K11066	0-150	46320	1.94
K11067	0-300	92640	1.94
K11068	0-500	154400	2.65
K11069	0-60-300	92640	2.65
K11070	0-750	231600	3.23
K11071	0-8-160 850/16220		1.32

## READRITE Panel Meters

A sturdy and reliable line of inexpensive Testing Instruments that is very popular with the Serviceman. Well made and attractively finished. Panel mounting type. 2 1/4" black enameled flanges, nickel plated bezels. White dials. Panel opening 2 3/4". Shipping weight 1 lb.

### Panel Type D. C. Milliammeters

Stock No.	M. A.	List	Your Cost
K11100	0-10	\$2.00	\$1.18
K11101	0-15	1.10	.59
K11102	0-25	1.10	.59
K11103	0-50	1.10	.59
K11104	0-100	1.10	.59
K11105	0-150	1.10	.59
K11106	0-200	1.10	.59
K11107	0-300	1.10	.59
K11108	0-400	1.10	.59
K11109	0-20/100	2.00	1.18
K11110	0-15/150	2.00	1.18



### Panel Type D. C. Ammeters

Stock No.	Amps.	List	Your Cost
K11091	0-1	\$1.10	\$0.59
K11092	0-3	1.10	.59
K11093	0-5	1.10	.59
K11094	0-10	1.10	.59
K11095	1-0-1	1.10	.59
K11096	3-0-3	1.10	.59
K11097	6-0-6	1.10	.59
K11098	10-0-10	1.10	.59
K11099	20-0-20	1.10	.59

### Panel Type A. C. Voltmeters

Stock No.	Volts	List	Your Cost
K11072	0-4	\$2.75	\$1.62
K11073	0-6	2.75	1.62
K11074	0-10	2.75	1.62
K11075	0-15	2.75	1.62
K11076	0-150	4.50	2.65
K11077	0-300	5.50	3.23
K11079	0-750	7.75	4.56
K11080	0-10-140	4.50	2.65

### A. C. Ammeters

Stock No.	Range	List	Your Cost
K11081	0-1	\$2.75	\$1.62
K11082	0-3	2.75	1.62
K11083	0-5	2.75	1.62
K11084	0-10	2.75	1.62
K11085	0-50	3.25	1.94

### A. C. Milliammeters

Stock No.	Range	List	Your Cost
K11086	0-25	\$2.75	\$1.62
K11087	0-50	2.75	1.62
K11088	0-100	2.75	1.62
K11089	0-250	2.75	1.62
K11090	0-500	2.75	1.62

Readrite D. C. panel meters may be obtained with zero adjustment. Additional cost 15c. Specify zero adjustment when ordering. No 2% Transportation Allowance on Readrite and Triplet.

# Meters WESTON Analyzers

THE STANDARD OF COMPARISON



**Model 301 D. C. Instruments**  
Permanent magnet moving coil type. Accurate within 2%. They are supplied as Voltmeters, Volt-Ohmmeters, Ammeters, Milliammeters and Microammeters. Weight approximately 3 ounces.

**Model 301 D. C. Voltmeters**  
Approximate resistance in ohms per volt: 1 to 40 volts, 62; 50 to 150 volts, 200; 200 volts, 250 volts, 300; 300-500 volts, 666; 600 to 2000 volts, 66; above 2000 volts, 100. Extreme width 3 1/4". Diameter of barrel 2 1/4".

Stock No.	Range	List Price	Your Cost
J10603	3	\$9.00	
J10604	5	9.00	
J10606	8	9.00	\$6.75
J10607	10	9.00	
J10608	15	9.00	
J10615	150	11.25	8.44
J10618	300	16.50	12.37
J10619	500	19.50	14.62
J10620	1000*	28.50	21.37
J10622	2000*	45.00	34.77

\* Supplied with external resistor.

**Resistance 1000 Ohms per Volt**

Stock No.	Range	List Price	Your Cost
J10659	150	\$14.00	\$10.50
J10662	500	17.25	12.67
J10664	200/8*	16.00	11.25

**Model 301 D. C. Ammeters**

Stock No.	Range	List Price	Your Cost
J10630	1	\$9.00	
J10635	5	9.00	
J10637	10	9.00	
J10638	15	9.00	
J10639	20	9.00	\$6.75
J10640	30	9.00	
J10652	3-0-3	8.00	
J10654	10-0-10	8.00	
J10657	30-0-30	8.00	

**Model 301 D. C. Milliammeter**

Stock No.	Range	List Price	Your Cost
J10675	1	\$10.00	
J10676	1.5	10.00	\$7.50
J10677	2	10.00	
J10678	3	10.00	
J10679	5	9.00	
J10680	10	9.00	
J10681	15	9.00	
J10683	25	9.00	
J10684	30	9.00	
J10685	50	9.00	6.75
J10686	100	9.00	
J10687	150	9.00	
J10688	200	9.00	
J10689	250	9.00	
J10690	300	9.00	
J10691	500	9.00	
J10694	150/15*	14.00	10.50
J10695	150/30*	14.00	10.50

\* Three binding post type self-contained.

**Model 301 Micro-Ammeters**

Stock No.	Range	List Price	Your Cost
J10701	200*	\$14.25	\$10.69
J10702	500*	14.25	10.69

\* These instruments are adjusted to use in horizontal or 45° position.

**Volt-Ohmmeter**

Stock No.	Volts	Ohms	Ohms Res.	Your Cost
J10627	4.5	0-100,000	1000	\$10.12
J10628	15	0-500,000	1000	10.12

**Model 476 A. C. Instruments**  
Movable iron type for A. C. only. Supplied as Voltmeters, Ammeters and Milliammeters. They are accurate within 2%.

Stock No.	Volts per Volt	Approx. Ohms	Your Cost
J10746	1.5	3	
J10747	2	4	
J10748	3	6	
J10749	5	10	
J10750	8	10.5	
J10751	10	14	
J10752	15	14	
J10753	20	26.3	
J10754	25	26	
J10755	30	26.3	
J10756	50	52	
J10758	150	105	8.44
J10760	300	167	12.37
J10762	500	167	14.62

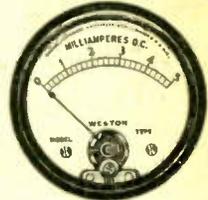
**Model 476 A. C. Ammeters**

Stock No.	Amps.	Approx. Total Res.	Your Cost
J10775	1	.2030	
J10776	1.5	.082	
J10777	2	.05	
J10778	3	.024	
J10779	5	.010	
J10780	10	.0058	\$6.75
J10781	15	.00219	
J10782	20	.00162	
J10783	30	.00070	
J10784	50	.00057	

**Model 476 Milliammeters**

Stock No.	Milliamps.	Approx. Total Res.	Your Cost
J10785	15	2000	
J10786	25	690	
J10787	50	175	\$6.75
J10788	100	28	
J10789	250	4.7	
J10790	500	1.1	

Bakelite Cases should be specified for Ammeters and Milliammeters when used in circuits above 300 volts when it is not possible to connect the instrument in the grounded side of the line.



**Model 506 D. C. Voltmeters**

Stock No.	Volts	List Price	Net
J10799	10	\$7.50	\$5.62
J10801	50	7.50	
J10802	100	8.50	6.37

**Model 506 D. C. Milliammeters**

Stock No.	M. A.	List Price	Net
J10817	1	\$8.50	\$6.37
J10820	5	7.50	
J10821	10	7.50	
J10822	15	7.50	
J10824	50	7.50	5.62
J10825	100	7.50	
J10826	150	7.50	
J10828	300	7.50	
J10829	500	7.50	

**Model 506 Ammeters**

Stock No.	Amps.	List Price	Net
J10816	10	\$5.75	\$4.23

**Model 517 A. C. Voltmeters**  
Movable iron type for A. C. only. Accurate within 2%.

Stock No.	Volts	List Price	Net
J10844	3	\$7.50	
J10845	5	7.50	
J10846	10	7.50	\$5.62
J10847	15	7.50	
J10848	25	7.50	
J10849	50	7.50	
J10851	150	9.75	7.31
J10853	300	15.00	11.25



**Meter Mount for 3 1/4" Metal or Bakelite Cased Meters**  
This Mount is a very useful device to have around the shop or laboratory. Mounts the meter in a 45 degree position. Shpg. wt. 1 lb.  
 J10590—2 binding posts. **\$1.47**  
 Your Cost  
 J10591—3 binding posts. **\$1.84**  
 Your Cost  
 J10592—4 binding posts. **\$2.02**  
 Your Cost



**WESTON Bi-Polar Switches**  
This is the switch that is used in all the Weston Analyzers. It is supplied complete with bakelite dial having openings for index markings. Shpg. wt. 2 lbs.  
 J10557—24 position. **\$6.62**  
 Your Cost  
 J10556—10 position. **\$2.75**  
 Your Cost

**JEWELL Rotary Switches**

These switches are supplied as 12, 24 or 36 point switches and can be made in any number of decks desired. Each deck constitutes a rotary member and a set of stationary contacts. The switch is supplied for a standard panel thickness of 3/8". Bar handle is included with switch. Has double wiping contacts; of phosphor bronze. Made of a special bakelite with high insulating properties. Used universally in general radio work. Some of its uses are for changing wavelengths; multiple connections in meters; forming various combinations of circuits and parts, etc. Maximum shipping weight 4 lbs.



J10335—2-deck, 12-point.	Your Cost	\$2.83
J10336—3-deck, 12-point.	Your Cost	3.82
J10337—5-deck, 12-point.	Your Cost	5.80
J10338—2-deck, 24-point.	Your Cost	5.15
J10339—3-deck, 24-point.	Your Cost	6.98
J10340—5-deck, 24-point.	Your Cost	10.66

Other switch combinations supplied on special order.

**Weston 563 D. C. Circuit Tester**

An instrument for checking resistance values and continuity of circuits. Consists of a model 301 meter, having two resistance ranges—5000 and 50000 ohms—mounted in a black bakelite case. Has a toggle switch for range selection. 50" test leads included. Self-contained battery. Dimensions: 5 x 3 1/2 x 2 1/4". Shipping weight 3 lbs.  
 J10555—Weston 563 Circuit Tester. List Price \$21.00  
 Your Cost Each **\$15.44**



**IMPORTANT**  
Due to lack of space it is impossible to list the complete Weston Line on these pages. Write for Circular RA describing complete line of Weston instruments.

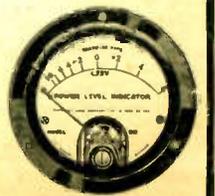
**Rectifier Type—A. C.-D. C. Volts—Milliamperes Model 301**



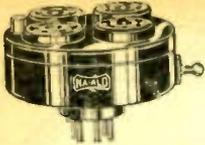
Designed for the serviceman who desires to build a multi-range instrument to fill his particular testing requirements. It is for use with external shunts and external resistances for measuring D. C. voltages and current and A. C. voltages. This instrument is of the permanent magnet moving coil type with a self-contained copper oxide-rectifier for the A. C. measurements. It is self-contained for 5 volts and 1 milliamperes A. C. and 50 millivolts and 1 M. A. D. C. Accurate within 2% D. C.—5% A. C. **\$13.97**  
 J10774—List \$19.00. Your Cost

**Model 301 Power Level Indicator**

This meter indicates directly the relative strength of a given signal to a standard reference signal of 6 milliwatts in a 500 ohm load. Self-contained rectifier type, having a scale reading in decibels: -10-0+6 DB. To read 0 DB on its scale a voltage of 1.73 volts across a 500 ohm load (6 MW) is required; full scale deflection (+6 DB) is had on 3.46 volts. The instrument alone has a resistance of 5,000 ohms. Range may be increased in steps upward by using a suitable network. Shpg. wt. 3 lbs.  
 J10593—Model 301 Power Level Indicator. List \$19.00  
 Your Cost **\$13.97**



**Multi-Adapter**



Universal tube checking adapter that adapts your old tube checker, so that it will test over 100 new types. Tests duo-diode, Wunderlich A and B, both plates of 82's 83's and many others. Comes complete with full instructions and list of tube readings. Shpg. wt. 2 lbs.

**K11553**—950XYL List \$6.00  
Your Cost ..... **\$3.53**

If your tube checker has no filament voltage switch the 954SGL adapter must be used on the bottom of the 950XYL. Has UY top and UX bottom. List \$1.25

**K11615**—954SGL  
Your Cost ..... **74¢**

**950 TR**

No need to throw away your old tube checker because of the new high filament voltage tubes. Now you can test 25Z5, 43, 48 tubes, etc., and all others with 10-12.6-14-15-25-30 volt filaments in the 24 socket of your old type tube checker. Has built-in transformer to supply filament current. Shpg. wt. 3 lbs.

**K11616**—950TR List \$6.00  
Your Cost ..... **\$3.53**



**975-AB7**

For testing small type 2A7 and 2B7 tubes in 24 checker socket, and 6A7 and 6B7 in 36 socket.

**K11617**—975-AB7  
List \$1.00  
Your Cost **59¢**



**965-KS**

57-58 Tube Checker Adapter in connection with any tube tester having UY socket. Shipping weight 8 oz.

List \$1.00  
**K11538**—Your Cost ..... **59¢**

**Cathode to Heater Short Checking Adapter**



FLASH LIGHT LAMP

**K11643**—9C4SC checks cathode to heater shorts on 4, 5 and 6 prong tubes. 2.5 volt flash light bulb lights if short is present. List \$2.00

Your Cost **\$1.18**

**K11644**—9774SC similar to above but for small or large 7 prong base. List \$2.00  
Your Cost **\$1.18**

**Tube Bases**



Moulded, polished black bakelite. Standard size. Hollow brass prong, polished nickel finish. Easy to solder leads on inside of prongs. Overall diam. 1 1/2". Cavity size—1 1/4" diam.; 1/2" deep. Shipping weight 8 oz.

**K11599**—4 prong  
**K11600**—5 prong  
**K11601**—6 prong  
Each ..... **7¢**

**K11602**—Each—7 prong ..... **8¢**

A complete line of Na-ald Analyzer Plugs, Adapters and Sockets carried in stock. Send us your requirements.

**NA-ALD Adapters**



**NA-ALD "Make Your Own Adapter Kit"**

**25 Possible Combinations**



With this kit it is possible to make any adapter you need. Bases and tops are separate and may be assembled in any one of 25 possible combinations. Any type of connections can be made either direct or break-in. Bases and tops are small enough to fit into the new small size tube shield bases and leads coming out of adapters are so placed that they cannot short against shields. Complete kit contains: 1 doz. assorted extension, solder and connection terminals; 2 phone tip terminals; 5 control-grid clips and the adapter bases and tops listed below which can also be purchased separately. Bases come with assembly screw and nut to fasten to tops. Shpg. wt. of kit 4 lbs.

**K11649**—"Make Your Own Adapter Kit". List \$2.50  
Your Cost ..... **\$1.47**

**Bases**

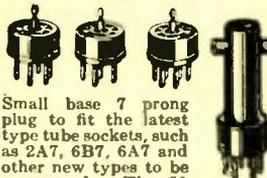
**K11650**—934B 4 prong  
**K11651**—936B 5 prong  
**K11652**—936B 6 prong  
**K11653**—937B 7 prong  
**K11654**—937BA small 7 prong  
List each 25¢  
Your Cost Each ..... **15¢**

**Tops**

**K11655**—422 4 contact  
**K11656**—423 5 contact  
**K11657**—426 6 contact  
**K11658**—427 7 contact  
**K11659**—427A small 7 contact  
List each 25¢  
Your Cost Each ..... **15¢**

**New!**

**NA-ALD Small 7 Prong Analyzer Plug and Associate Adapters 907WLA**



Small base 7 prong plug to fit the latest type tube sockets, such as 2A7, 6B7, 6A7 and other new types to be announced. The 59 type tube was the only type of 7 prong with the large socket and present analyzer plugs will not accommodate the newer type of 7 prong small sockets. Bring your analyzer up to date by installing this complete kit of analyzer plug with associate adapters. Shpg. wt. 1 lb.

**K11611**—907WLA Analyzer Plug less cable. List \$3.50  
Your Cost ..... **\$2.06**

**K11645**—907WLCA Plug with 8 wire cable. List \$5.50  
Your Cost ..... **\$3.24**

**K11612**—976DSA adapts plug to 6 prong socket. List \$1.25  
Your Cost ..... **73¢**

**K11613**—975DSA adapts plug to 5 prong socket. List \$1.25  
Your Cost ..... **73¢**

**K11614**—974DSA adapts plug to 4 prong socket. List \$1.25  
Your Cost ..... **73¢**

**K11646**—977DSA adapts plug to 59 or large 7 prong socket. List \$1.25  
Your Cost ..... **73¢**

**977 MS**

To use old type 7 prong plugs in the new small 7 prong sockets. Early model 7 prong analyzer plugs were of the large type and will not fit the small sockets.

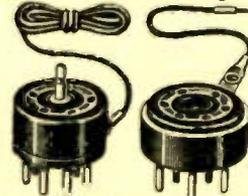
**K11604**—977MS. List \$1.00  
Your Cost ..... **59¢**

**977-SM**

For changing old type large 7 hole sockets to new small type.

**K11605**—977SM. List \$1.00  
Your Cost ..... **59¢**

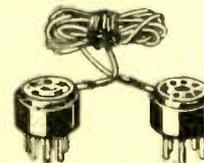
**For Testing 7 Prong Tubes in Set Analyzers with 906L Plug**



To be used with Alden 906 Latch lock analyzer plug. Adapter with center stud goes on analyzer plug and fits into 7 prong socket of sets. Adapter with 7 hole top is connected by lead to suppressor grid contact and fits into 6 hole socket of analyzer. Shipping weight 2 lb.

**K11572**—967GL-976CG  
List \$2.75  
Your Cost ..... **\$1.62**

**NA-ALD Adapter 975 DW**



By using these adapters you can bring your analyzer up to date. They enable any analyzer capable of testing the type 24 tube, to test the new 7 prong circuits.

**K11606**—975DW for analyzers with 5 prong plugs to test large 7 prong sockets. List \$3.00.

**K11607**—975DSW same as above but with locking stud for plugs having latches. List \$3.00.

**K11636**—975DWA for analyzers with 5 prong plugs to test small 7 prong sockets. List \$3.00.

**K11637**—975DSWA same as above but with locking stud for plugs having latches. List \$3.00.

Your Cost **\$1.76**  
Any Type

**K11638**—976DWA for analyzers with 6 prong plugs to test small 7 prong sockets. List \$2.50.

**K11639**—975DSWA same as above but with locking stud for plugs having latches. List \$2.50.

Your Cost **\$1.47**  
Either Type

**Bring Your Set Up-To-Date By Substituting New Type Tubes**



**K11592**—965-58 to use 57 tubes in 24 sockets and 58's in 95 or 51 sockets. List 50¢

Your Cost ..... **30¢**



**K11593**—927 replaces Kellogg overhead heater type tubes with 27 type. List \$1.25

Your Cost ..... **73¢**



**K11594**—419X to use new 2 volt tubes in UV sockets. List \$1.25

Your Cost ..... **21¢**



**K11618**—975KSPR to use 59 instead of 47 tubes. List \$1.25

Your Cost ..... **73¢**



**K11628**—944R2 to use 82 instead of 80 Rectifier tube. List \$1.25

Your Cost ..... **73¢**



**K11629**—974GGR to use 59 instead of 46 type tube. List \$1.25

Your Cost ..... **73¢**



**K11641**—965GKR to use 2A5 instead of 47 type tube. List \$1.25

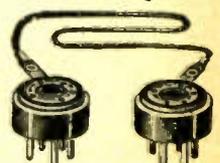
Your Cost ..... **73¢**



**K11642**—964KSPR to use 2A5 instead of 46 type tube. List \$1.25

Your Cost ..... **73¢**

**Twin Adapter**



954-FS

**K11582**—Twin adapter to use a pair of 47 tubes in place of a pair of 71A's. List \$2.50  
Your Cost ..... **73¢**

**Universal Testing Adapters**

Have break in the plate circuit with connections by cord tip jacks. Filament, grid and cathode connections also have connections by cord tip jacks, enabling you to make many tests through the use of this adapter. You may test plate current by connecting the milliammeter in series with the plate circuit; test plate voltage by connecting voltmeter between plate connections and cathode or filament connections; grid voltage by connecting a voltmeter between grid connections and cathode or filament connections; filament current by connecting a voltmeter across the filament. Shipping weight 8 oz.

**944PTT**—4 prong. List \$1.50  
Your Cost ..... **88¢**

**965PTT**—5 prong. List \$1.50  
Your Cost ..... **88¢**

**966PTT**—6 prong. List \$1.50  
Your Cost ..... **88¢**

**K11562**—List \$1.50  
Your Cost ..... **88¢**

**Output Meter Adapter**

In order to connect an output meter it is not always convenient to attach clips to the speaker terminals. **K11603**—Contacts plate prong of any type tube. List 50¢  
Your Cost ..... **29¢**

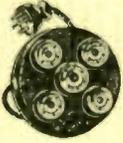
# Adapters and Testing Equipment

*Readrite*

## Combination Adapter

Tests all the new tubes: 29, 41, 42, 69, 57, 58, 59, 82, 83, 55, 85, 79, Wunderlich 6-prong tubes in old model testers.

Here is a combination that will test all the new type tubes, including the latest 6-prong types in all the old model tube checkers. Plugs into tube tester socket. Complete instruction chart furnished with each adapter. This adapter will bring your tube tester right up-to-date. Shipping weight 4 lbs.



**K11511**—List \$3.75 **\$2.20**  
Your Cost

## Analyzer Plug with Latch



A sturdy small size 6 prong plug with latch to lock adapters listed below tightly so that they cannot pull out accidentally. Spring provides definite open and closed lock position. Lock is operated from top of plug. Screen grid cap is mounted on top of plug.

**K11516**—96 Plug. List Price \$2.00 **\$1.18**

Your Cost

**K11517**—167L adapter to fit latch plug to large 7-prong socket. List Price 75c **44c**

Your Cost

**K11518**—167LS same as above but for small 7-prong socket. List Price 75c **44c**

Your Cost

**K11519**—63L same for 6-prong socket. List Price 75c **44c**

Your Cost

**K11520**—64L same for 4-prong socket. List Price 75c **44c**

Your Cost

## NA-ALD Speaker Plugs



**One Piece Plug**

**K11661**—104 UX—4-prong plug. List 10c **6c**

Your Cost

**K11662**—105 UY—5-prong plug. List 10c **6c**

Your Cost

**K11663**—106 standard 6-prong plug. List 10c **6c**

Your Cost

**K11664**—107 large size 7-prong plug. List 30c **18c**

Your Cost

**K11665**—107A small size 7-prong plug. List 30c **18c**

Your Cost



**Two Piece Plug**

**K11666**—94 UX—4-prong plug. List 25c **15c**

Your Cost

**K11667**—95UY—5-prong plug. List 25c **15c**

Your Cost

**K11668**—96 standard 6-prong plug. List 25c **15c**

Your Cost

**K11669**—97 large size 7-prong plug. List 30c **15c**

Your Cost

**K11670**—97A small size 7-prong plug. List 30c **18c**

Your Cost



**Female Plug**

**K11528**—984F UX 4-prong plug. List 50c **30c**

Your Cost

**K11529**—985F UY 5-prong plug. List 50c **30c**

Your Cost

**K11673**—986F standard 6-prong plug. List 50c **30c**

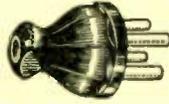
Your Cost

**K11674**—987F large size 7-prong plug. List 55c **33c**

Your Cost

**K11675**—987FA small size 7-prong plug. List 55c **33c**

Your Cost



**Sure-Grip Plug**

**K11532**—984 UX 4-prong plug. List 35c **21c**

Your Cost

**K11533**—985 UY 5-prong plug. List 35c **21c**

Your Cost

**K11678**—986 standard 6-prong plug. List 35c **21c**

Your Cost

**K11679**—987 large size 7-prong plug. List 40c **24c**

Your Cost

**K11680**—987A small size 7-prong plug. List 40c **24c**

Your Cost

## 165 Adapter

A special adapter used only on Readrite cable plug used on early model set testers Nos. 610 and 710. This adapter enables plug to be used for testing 6-prong circuits.

**K11514**—List \$1.00 **59c**

Your Cost

## I. C. A. Screen Grid Phono Adapter



For screen grid sets not having phono jacks. Fastens to cap of detector tube. **L12631**—Your Cost **29c**

## I. C. A. Speaker Adapter



Two wafer sockets fit between socket and base of output tubes thus connecting the extra speaker across the plates. Complete with cord and cord connector. Shipping weight 8 oz. List \$1.00

**L12610**—4-Prong **L12611**—5-Prong **Your Cost** **57c**

## Listening-in Adapters

For using headphones in detector or audio stages. Tip jack connections.

**K11569**—4-prong—944PT **K11570**—5-prong—955PT **K11571**—6-prong—966PT



List \$1.25 **Your Cost Either Type** **73c**

## Neutralizing Adapters

Used in balancing neutralizing condensers in sets. One filament is dead, enabling you to use an ordinary tube.

Shpg. wt. 8 oz. List \$1.00 **K11565**—4-prong—944N



**K11566**—5-prong—955N **Your Cost Each** **59c**

## Phono Adapters Wafer Type

To use phono-pickup on sets having grid leak detection. **M13126**—Your Cost Each **23c**

## I. C. A. Tube Testing Adapter



No longer need your tube tester be only 50% efficient. By using this new I. C. A. Adapter you can test all the new tubes and again make it 100% efficient. This new adapter is very simple to connect to your present tester. It merely being necessary to insert the plug of the adapter into the tube socket of the tester, and the A. C. plug into an outlet. A self contained transformer supplies filament voltages up to 30 volts making it possible to test all the new tubes such as those used in the A. C. D. C. sets with filament voltages considerably higher than that supplied by the old type of tube checker. In addition there are six sockets for preheating purposes. Three of which are for 2.5 volt tubes and three for 6.3 volt. These sockets can easily be rewired for testing any additional tubes that are developed should it be impossible to test them in the thirty sockets provided in the adapter. Each adapter is shipped with complete instructions and chart for using. Shpg. wt. 10 lbs. **J10450**—List Price \$22.50 **\$13.23**

Your Cost

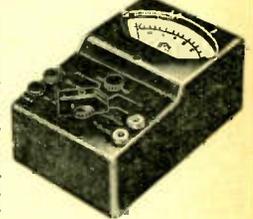
## PHILCO All Purpose Set Tester



Developed by one of the largest set manufacturers this accurate reliable set tester will test any receiver made today from the smallest A. C.-D. C. compact to the most elaborate. contained within a compact carrying case is a highly accurate signal generator and a very accurately calibrated jeweled movement meter with both D. C. and A. C. ranges using an improved type of rectifier. This single meter serves as an output meter with ranges of 0-10-20-100-200-1000 volts, as an A. C. voltmeter with ranges of 0-10-20-100-200-1000 volts, as a D. C. voltmeter with ranges of 0-10-20-100-200-1000 volts, as a D. C. milliammeter with ranges of 0-5-1-100 mills, as an ohmmeter with ranges of 0-1500-150,000-1,500,000 ohms and as a Capacity Meter with ranges of .01-2 mfd. A total of 22 separate ranges. Oscillator is direct reading from 105-2000 KC. Complete with cover and test leads. Shpg. wt. 17 lbs. **K10978**—Your Cost **\$42.50**

## I. R. C. Vacuum Relay Protected Volt-Ohmmeter

An extremely accurate Volt-Ohmmeter with an added feature that is not only novel but exceedingly valuable as well. Here is a Voltmeter that you cannot burn out if you accidentally connect it to too high a voltage. A self-contained, automatic, vacuum relay immediately disconnects the meter should it be overloaded. The meter is automatically reconnected when overload is removed. Unlike a fuse it does not require replacement. The basic meter used is a Westinghouse 0-1 Milliammeter with ranges of: 0-3-30-300-600 volts, 0-1,000-100,000 ohms with self-contained battery and 0-1 meg. with external battery. A rotary selector switch is used to change from one range to another. Battery adjustment for the ohmmeter is also provided. Case is of moulded bakelite in an unusual and attractive shape only 7" long, 3" deep and 4 1/4" wide. I. R. C. precision 1% resistors used throughout. Every care has been used in the construction of this instrument to assure high accuracy and exceptionally long life. At its price it is an outstandingly fine value. Complete with test leads and 4 1/2 Volt Battery. Shpg. wt. 3 lbs. **J10455**—I. R. C. Volt-Ohmmeter. List Price \$42.50 **Your Cost** **\$25.50**



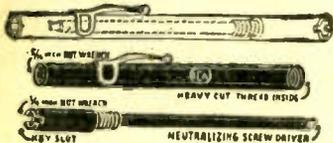
Your Cost

**We Will Not Knowingly Be Undersold**



# Laboratory Test Prods and Accessories

## Neutralizing Tool



Carried in the pocket like a fountain pen—has clip for pocket.  $\frac{1}{4}$ " nut wrench with key slot and neutralizing screwdriver on removable inside rod;  $\frac{1}{4}$ " nut wrench in one end of outside barrel. Made of durable non-conductive material that will stand hard usage. Shipping weight 8 oz.

List Price \$1.50  
**P14915—Your Cost Each ..... 38¢**

## Majestic and Crosley Alignment Attachments for Above Neutralizing Tools

### Balnut for Majestic Sets

Overall length  $2\frac{1}{2}$ ". Has screw driver and offset socket for  $\frac{1}{4}$ " hex nuts that extends tool handle  $1\frac{1}{2}$ ".



**P15085—Your Cost ..... 27¢**

### For Crosley Sets

Extends tool  $1\frac{1}{2}$ ". Has socket in end for  $\frac{1}{4}$ " square nuts.



**P15086—Your Cost ..... 12¢**

### For Majestic Sets

Similar to Crosley in appearance but has hex socket.

**P15074—Your Cost ..... 12¢**

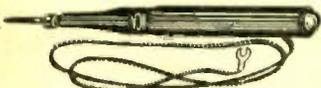
## Alligator Neutralizing Wrench and Screw Driver



Alligator wrench with  $\frac{3}{8}$ " opening. Securely fastened to extra strong high insulation rod size  $\frac{1}{4} \times \frac{1}{4}$ ". Hardened steel screw driver blade.

**P14921—Your Cost ..... 35¢**

## Short-o-Tester



Contains  $2\frac{1}{2}$  volt lamp and small flashlight battery. Indicates closed or open circuits when its flexible lead and pin terminal are introduced into the circuit. Pin terminal may be pushed into wood inside of consoles leaving both hands free to work. Ideal for testing continuity. May also be used as trouble flashlight. When used with Neon lamp D. C. and A. C. circuits of any voltage may be tested for continuity and approximate strength. Complete with battery and bulb. Shipping weight 1 lb.

**M12984—List \$1.50  
 Your Cost Each ..... 88¢**

## Detect-o-Lite



A Neon lamp enclosed in a Bakelite case with two flexible leads. Indicates whether voltage is A. C. or D. C. Detects live and ground side of house wiring systems. Indicates polarity of D. C. voltages between 110 and 550. Shipping weight 8 oz.

**M12985—List \$1.50  
 Your Cost ..... 88¢**

## DELUXE MODEL

Similar to the standard model except that leads are longer, removable and instrument enables one to reach hard-to-get-to places. More convenient to use. Shipping weight 1 lb.

**M12986—Your Cost Each ..... \$1.18**

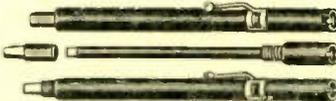
## Neutralizing Tool Set with Metal Nibs



Polished black bakelite handles. Two tools. One consists of a  $\frac{3}{4}$ " diameter 6" long tube on each end of which are heavy brass nickel plated socket wrenches for  $\frac{1}{4}$ " and  $\frac{1}{2}$ " hex nuts. The other tool fits inside the first tool and consists of a  $\frac{1}{2}$ " solid rod, one end of which has a strong screw driver blade, the other end is of special magnetic steel.

**P15083—Your Cost ..... 83¢**

## Four-in-One Neutralizer Compensator and "Tool Kit"



Combines in a fountain pen size compact tool that can be carried in your vest pocket,  $\frac{1}{4}$ " and  $\frac{3}{8}$ " nut wrenches, miniature blade screw driver for neutralizing and a full size insulated handle general purpose screw driver. Made of fine quality extra strength fiber. Fountain pen clip prevents losing from pocket. When closed, no sharp points are exposed to tear clothing.

**P15082—Your Cost ..... 67¢**

## Neutralizing and Compensating Screw Driver



Bakelite knob, diameter 1" fastened to  $\frac{1}{4}$ " hard rubber rod projecting  $3\frac{3}{8}$ ". Hardened screw driver blade.

**P15087—Your Cost ..... 24¢**

## ICA Neutralizing and Aligning Tool Kit



For any adjustment on all types of receivers. Contains alligator side wrench, 6" insulated screw driver, metal nib;  $\frac{3}{8}$ " and  $\frac{1}{2}$ " nut wrench.  $\frac{1}{4}$ " square nut insulated wrench,  $\frac{1}{4}$ " hexagon metal side wrench and  $2\frac{1}{2}$ " insulated screwdriver, metal nib.  $\frac{1}{4}$ " hexagon slotted insulated wrench; metal screwdriver;  $\frac{1}{4}$ " hexagon insulated nut wrench, 5" insulated screwdriver, metal nib. 6" insulated screwdriver. Shpg. wt. 1 lb.

**P15089—Your Cost ..... \$2.35**

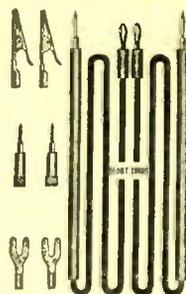
## AMERICAN Testing Kit

Combines a complete line of solderless and interchangeable parts for all types of testing. Two long and short insulated test prod handles, two plug-in prongs, two plug-in jacks, two insulated tapered type lugs, two insulated needle point phone tips, two insulated alligator clips. Made up in red parts for positive and black parts for negative identification. Shpg. wt. 1 lb.



**P12972—Your Cost, Special ..... \$1.39**

## Pencil Type Test Prods



These test prods are in large demand due to their serviceability and special features, such as interchangeable tip ends and long handles. Spring prongs at the end of prods allows changing from spade lugs to phone tips or to spring clips. Tight and sturdy connection at all times. Handles are 6" long and only  $\frac{1}{4}$ " in diameter, ideal for getting into tight places. Needle point phone tips are used for piercing through

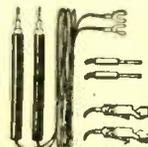
insulated wire for good contact; body of tips act as standard tip for use in phone tip jacks. Are also convenient for scraping surfaces for good contact. Equipped with 5 ft. black and red flexible wire. Comes complete with two Alligator Clips, two Needle point Phone Tips, and two tapered lugs; the latter will fit all screws up to No. 10 in diameter.

**P12971—Your Cost per Pair Complete ..... 79¢**

**M12955—Alligator Test Clips. Your Cost Each ..... 05¢  
 Per Dozen ..... 50¢**

**M12954—Tapered Lugs. Your Cost Per Dozen ..... 15¢  
 50 for ..... 55¢**

## Laboratory Test Prods



Improved type. Has bronze tip with needle point and heavy body. Answers two-fold purpose of needle prod and phone tip prod. Handles 5" long and are extra heavy. Red and black covered leads 5 ft. long. Shipping

weight 8 oz.  
**M12978—With Spade Tips. Your Cost (either type) ..... 45¢  
 M12980—With Spring Clips. Your Cost ..... 55¢**

## Standard Test Prods



Sturdy handles of high insulating properties; one red, one black. 50" leads with chucks for

phonograph needle. Shipping weight 8 oz.  
**M12975—Spade Ends. Your Cost (either) ..... 27¢  
 M12976—Pin Tip Ends. Your Cost Per Pair ..... 42¢**

## Handy Test Leads

A very handy pair of test leads equipped with alligator clips at one end and spring prong plugs at the other. An extra pair of alligator clips is furnished to attach to the spring prong plugs so that the leads may be used in two ways—with the plugs pushed into a pair of jacks and the clips at the other end or—with clips at both ends. These leads are ideal for experimental and laboratory test connections. The wire used is both flexible and durable and is colored black for one lead and red for the other.



**M12924—36" long. Your Cost Per Pair ..... 49¢**



## Test Plugs

These Test Plugs come in pairs of red and black with spring prongs attached to an insulated piece. They are ideal for temporary or permanent connections where a plug of this type is required.

**M12970—Your Cost Per Pair ..... 20¢**

# VAN SHUNTS & MULTIPLIERS A.C. - D.C.

2% Accuracy at Normal Temperatures  
"Van" Multipliers



Stock No.	Ohms	List Price	Your Cost
K10937	3,000	\$1.00	\$0.58
K10925	4,950	1.00	.58
K10926	5,000	1.00	.58
K10938	6,000	1.00	.58
K10927	10,000	1.00	.58
K10939	30,000	1.00	.58
K10928	40,000	1.25	.73
K10929	45,000	1.25	.73
K10930	50,000	1.25	.73
K10944	60,000	1.25	.73
K10931	95,000	1.50	.88
K10932	100,000	1.50	.88
K10945	150,000	1.50	.88
K10933	245,000	2.00	1.18
K10934	250,000	2.00	1.18
K10974	300,000	2.00	1.18
K10935	500,000	3.00	1.76
K10936	1,000,000	3.50	2.06

## Special VAN Multipliers for 1000 Ohm Copper Oxide Rectifiers

Universal Analyzers using copper oxide rectifiers require special multipliers. The new rectifiers are standardized at 1,000 ohms. The following Van Multipliers are to be used with Copper Oxide Rectifiers having a value of approximately 1,000 ohms with reverse reading of 60,000 ohms at 70° F. (Taurex). Measurements are calibrated at half scale on a 1 Mil. 50 M. V. Weston 301 meter. 50 volt and over ranges are read on the regular DC scale. Ranges of 5 and 10 volts require the correction markings as used on the A. C. scale of the No. 4 VAN Dial. For the 1,000 V. range a 425,000 ohm resistor is added in series to the one used for the 500 volt range.

Stock No.	Range	Resist. Ohms	Your Cost
K10905	5 V.	3,200	\$0.58
K10906	10 V.	7,500	.58
K10907	245 V.	41,000	.73
K10908	100 V.	84,000	.88
K10909	250 V.	212,000	1.18
K10917	500 V.	425,000	1.47

For 1,000 V. scale use two Cat. No. K10917 resistors in series.

## Multiple Shunts

For 1 Mil. D. C. Model 301, 27 M. V. **Your Price 88¢**

Stock No.	Milli-amps.	Stock No.	Milli-amps.
K10910	5	K10913	50
K10911	10	K10914	100
K10912	25	K10915	500

For triplet meters, 30 M. V. **Your Cost 88¢**

Stock No.	Milli-amps.	Stock No.	Milli-amps.
K10960	5	K10963	50
K10961	10	K10964	100
K10962	25	K10965	500

## For Weston 301 and Beede 50 M. V. Meters

**Your Cost 88¢**

Stock No.	Milli-amps.	Stock No.	Milli-amps.
K10918	5	K10921	50
K10919	10	K10922	100
K10920	25	K10923	500

## Series Tapped Shunts

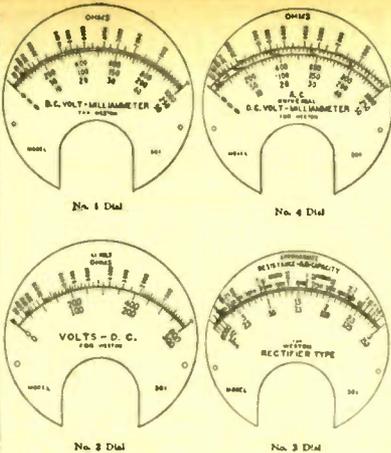
**Your Cost \$1.47**

K10916—For 1 Mil. D. C., 27 M. V. Tapped 10-100 mills.

**Your Cost \$1.76**

K10924—For Universal 301, 50 M.V. meter. Tapped 5-25-100 mills.

## Meter Dials

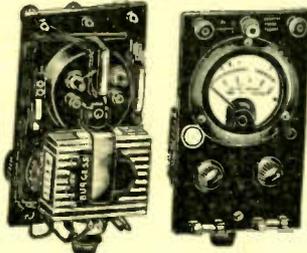


Printed on the finest grade Bristol Board, with clear lettering, and sharp cut figures. Many useful combinations may be made by using these in conjunction with various shunts. For Jewell, Weston, and Beede Meters. Specify make of meter when ordering.

K10946—Dial No. 1      K10948—Dial No. 3  
K10947—Dial No. 2      K10949—Dial No. 4

List Price, Each, 75¢      **Your Cost 45¢**

## The VAN Pocket Universal Tester Kit



Meets practically every testing requirement of the serviceman. Easy to build and very inexpensive to buy. Every part used is of the very highest quality. The Weston meter is the Model 301 Universal rectifier type, A. C.-D. C. Volts-milliamperes, self contained copper oxide-rectifier for the A. C. measurements.

The Tester Kit combines a five range scale A. C.-D. C. voltmeter; 0/5/10/50/250/1000 volts; A Yaxley range scale D. C. milliammeter; 0/1/5/10/25/100 mills; A Three range scale ohm-meter reading 0/1000/10,000/100,000 ohms: All in one compact instrument measuring only 4 1/2 x 6 3/4". Complete instructions together with full size blue print diagram furnished with each kit: The parts may be purchased separate or in kit form.

- 1—Weston Universal Meter
  - 1—Yaxley Tri-polar Switch, 10 Position
  - 1—Yaxley Tri-polar Switch, 3 Position
  - 1—Push-button Safety Switch
  - 1—1,000 Ohm Rheostat
  - 3—Binding Post-jacks
  - 1—No. 4 Van Meter Face
  - 1—Van 5 Mil Shunt
  - 1—Van 10 Mil Shunt
  - 1—Van 25 Mil Shunt
  - 1—Van 100 Mil Shunt
  - 1—Van Special 4,000 Ohm Resistor
  - 1—Van Special 4,950 Ohm Resistor
  - 1—Van Special 5,000 Ohm Resistor
  - 1—Van Special 45,000 Ohm Resistor
  - 1—Van Special 245,000 Ohm Resistor
  - 1—Van Special 1,000,000 Ohm Resistor
  - 1—Blue Print and Instructions
  - 1—4 1/2 Volts C Battery
  - 1—Drilled and Engraved Panel
- K10940—Complete Kit of Parts for above.
- Your Cost \$29.50**

## Panel Type Mount



This is the perfect mounting for the Littelfuses shown on this page. Has 1/2 studs for concealed wiring. Bakelite base. Size 1 1/2 x 3 1/2".

**Your Cost 12¢**

# Littelfuses

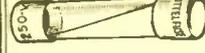
## For Test Instruments

Designed to insure and protect meters and other expensive equipment. Are dependable and accurate. Has many laboratory uses. Breaks circuit immediately on reaching maximum milliamper load. Length 1"; diameter 1/4".



Stock No.	Rating Amps.	Max. Load M.A.	Average Resist. on 5 Mil. Load	Your Cost Each	Your Price Doz.
N12385	1/100	5	110 ohms	\$0.12	\$1.38
N12386	1/50	15	20 "	.12	1.38
N12387	1/25	65	5.0 "	.12	1.38
N12388	1/10	100	3.0 "	.09	1.05
N12389	1/5	100	1.5 "	.09	1.05
N12390	1/2	200	6.2 "	.09	1.05
N12391	1/1	300	3.0 "	.09	1.05
N12392	1/2	400	2.5 "	.09	1.05
N12393	1	600	0.4 "	.09	1.05
N12394	1	1000	.24 "	.06	.70
N12395	2	2000	.14 "	.06	.70

## For Radio Receivers and Amplifiers

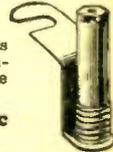


Designed as a special protection for radio sets. Used in the power supply line. Tested and approved. 1 1/4" long.

Stock No.	Rating Amps.	Max. Load Volts	Max. Load M.A.	Your Cost Each	Your Price Dozen
N12378	1	250	60 watts	\$0.05	\$0.55
N12379	1 1/2	250	80 watts	.05	.55
N12380	2	250	150 watts	.05	.55
N12381	3	250	200 watts	.05	.55
N12396	1/2	500	75 mils.	.09	1.05
N12397	1/2	500	150 mils.	.09	1.05
N12398	1/2	500	300 mils.	.09	1.05
N12399	1/2	500	500 mils.	.09	1.05

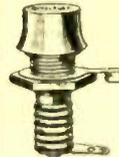
## Fusible Jack

For Meter protection. Mounts directly on binding post. Instrument Fuse mounted inside barrel easily renewable.



N12384—**Your Cost 35¢**

## Fusible Binding Post



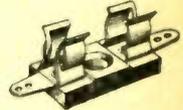
Knob is made of highly polished white essence of pearl. Fuse is replaced by unscrewing knob. Knob dia. 3/8".

N12374—**Your Cost 45¢**

## Single Fuse Mount

Bakelite base. Bronze clips, nicked.

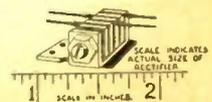
N12383—**Your Cost 9¢**



## "Taurex" Copper Oxide Rectifier for D.C. Meter Conversion

Unless expensive A.C. instruments are available, it is best to use a copper oxide rectifier with a D. C. milliammeter. With the Taurex Rectifier, a D. C. Milliammeter, a few multiplier resistances and shunts, one is able to make all measurements in an A. C. circuit with a high degree of accuracy. Rectifier has four terminals, of these two are the A. C. input, and two are the D. C. output, to be connected to the meter. Lead attached to center plate of rectifier is "negative." Full instructions furnished. Size 1/2 x 3/8". Shpg. wt. 1 lb.

J10570—**Your Cost Each \$2.95**



# DEALERS' and SERVICEMENS'



## Official Auto-Radio Service Manual

The tremendous popularity of automobile radio sets, and the many problems met in their installation, have caused a widespread demand for a service manual that would cover the field thoroughly. In response to this demand the publishers of the very popular Official Radio Service Manual have published this new companion manual that covers the auto-radio field in great detail. It includes complete diagrams and service notes on old as well as all new sets and accessories; detailed instructions for suppressing ignition interference, with suggestions as to what to do in stubborn cases; tells when and how to use rooftop, running board, and between-axle aerials; gives technical details on all popular types of "B" Eliminators and explains how to adjust generator charging rate to keep car storage battery in good condition. 200 pages of useful information. Size 9x12" Loose-leaf Cover. Shpg. wt. 2 lbs.

Y19982—  
Your Cost..... **\$2.00**

## Servicing Sound Equipment

While this book is primarily intended for those interested in the servicing of motion picture sound equipment every service man who has occasion to service sound equipment of any sort will find this book of invaluable aid in his work. The majority of theatres throughout the country have this book in their projection rooms for ready reference in case of trouble. Contains 200 pages of useful information with illustrations. Shpg. wt. 2 lbs.

Y19919—  
Your Cost..... **\$1.75**



## Radio and Television

This book has been especially written for the theatre projectionist and covers the subject of radio and television in a manner that makes both easily understood. It goes into the development of television very thoroughly and anyone wishing to learn just what has been done in the past and is being done today in this interesting branch of radio development will find this book of real value. Size 8 1/2 x 6", over 540 pages, 275 illustrations. Shpg. wt. 2 lbs.

Y19980—Your Cost..... **\$3.50**



## DRAKE'S Cyclopedia

**New Edition.** Completely revised. This valuable encyclopedia, written in easy language that even an ordinary layman can understand, contains within its covers information, on radio and all its allied lines, that no radio-minded individual or serviceman can afford to be without. Gives all practical data on Radio transmitting and receiving, Sound Pictures, Public Address, Television, Photoelectric cells, etc. 1048 pages, 500 complete articles, 1100 additional definitions and references. 130 tables and graphs. All in alphabetical order and simply treated. 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".  
Shipping weight 10 lbs.  
Y19938—Your Cost Each..... **\$3.92**

## Radio and Electronic Dictionary

By H. P. MANLY

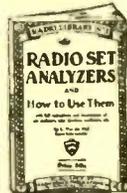
The information every Service man needs arranged in alphabetical order for handy reference. Practical and unique. Covers Industrial Radio, Radio Service, Sound Pictures, Television and Radio Broadcasting from "A to Z." Everything explained in simple, every-day language. Contains 550 illustrations, defines 3800 terms. 300 pages. Size 6x9 1/2". Bound in maroon buckram, stamped in gold. Many thousands of men in every branch of radio have felt the need of and will welcome this handy and practical dictionary. No one need be without it at our low price. Order your copy now. Shipping weight 3 lbs.

Y19939—  
Your Cost..... **\$2.19**



## Radiocraft Library

These books are all new and up-to-date; written by men who are authorities on the subject. The volumes are all uniform size 6x9" and contain 50 to 120 illustrations.



- Y19905—Radio Set Analyzers.
- Y19906—Modern Vacuum Tubes.
- Y19907—The Superhet Book.
- Y19908—Modern Radio Hook-ups.
- Y19909—How to Become a Service Man.
- Y19910—Bringing Electric Sets Up-to-date.
- Y19911—Radio Kinks and Wrinkles.
- Y19912—Radio Questions and Answers.
- Y19913—Auto Radio and Servicing.
- Y19914—Home Recording and All About It.
- Y19915\*—How to Build and Operate Short Wave Receivers.
- Y19923\*—How to Become an Amateur Radio Operator.
- Y19934—Point to Point Resistance Measurements.

List Price, Any Volume, 50c.  
Your Cost..... **40c**  
(\* Size 7 1/2 x 10")

## Practical Radio Library by Moyer & Wostrel



Three volumes by Moyer and Wostrel covering every phase of radio. Uniformly bound in green buckram. They present the principles of radio so simply and clearly that any person of average training will be able to read, understand and apply them.

### PRACTICAL RADIO

Besides explaining the fundamentals, this volume includes the testing of radio sets. 410 pages, size 7 1/2 x 5 1/2 x 1 1/2". Shpg. wt. 2 lbs.  
Y19946—  
Your Cost..... **\$2.45**

### RADIO RECEIVING TUBES

Clearly explains the construction of Vacuum tubes, special industrial applications of vacuum tubes and specifications for vacuum tubes. 297 pages. Shipping weight 2 lbs.  
Y19947—  
Your Cost..... **\$2.45**

### RADIO CONSTRUCTION AND REPAIRING

Explains the construction and repairing of radio receivers, Television and Trouble shooting. 386 pages. Shipping weight 2 lbs.  
Y19948—Your Cost..... **\$2.45**

## Servicing Superheterodynes

Do you know all that you should to enable you to service superhets at a profit? . . . Are you familiar with various kinds of superheterodyne circuits? . . . Do you know the function of individual parts of a superheterodyne receiver—of an autodyne superhet? . . . Do you know what is meant by "image frequency"? . . . Can you adjust the Atwater-Kent "double spot" interference-eliminating system? Servicing Superheterodynes answers all these questions. Gives all the information you need about superhet receivers. 163 pages, type set, profusely illustrated, cloth bound. Shpg. wt. 2 lbs.

Y19927—Your Cost..... **95c**

## Radio Amateur Call Book



The only publication listing all Radio Amateur Stations throughout the entire World. Each issue contains a complete and accurate

list of high frequency commercial stations, International abbreviations, "Q" readability system, "R" audibility system, "T" tone system, International prefixes, high frequency press and weather schedules, short wave broadcasting stations and U. S. postal rates. Shipping weight 2 lbs.

Y19936—Latest Edition  
Your Cost..... **\$1.00**

## Radio Amateur's Handbook

The most popular Handbook for Amateurs ever written. Over 175,000 copies have been sold since the first edition appeared. It is the most comprehensive book published, covering every phase of the subject. Includes: The Story of Amateur Radio; Getting Started; Electrical Fundamentals; Planning and Building Transmitters; and a host of other information. New tenth edition contains entirely new chapters on high frequency work, etc. Shpg. wt. 1 lb.

Y19949—10th Edition  
Your Cost..... **\$1.00**

## How to Become a Radio Amateur

Second edition in 32 pages outlines the entire field of amateur radio. Makes learning the code easy, tells how to build a station, get a license, etc. Shpg. wt. 2 lbs.  
Y19935—Your Cost..... **25c**

## Hints and Kinks for the Amateur

Information—ideas—suggestions. Practical tips, brainstorms that worked, money saving dodges, time saving thoughts. A whole book full of them. A compilation of the best ideas in one cover. Shpg. wt. 2 lbs.  
Y19981—Your Cost..... **50c**

## Radio Amateurs License Manual

Covers every phase of Amateur License procedure in a clear and concise manner. Prepared in response to an uninterrupted demand for information on how to pass examinations and apply for licenses. Complete question and answer section covers every type of question you will be asked for any type license. You can save yourself a lot of worry by studying this helpful book. Shpg. wt. 2 lbs.

Y19940—Your Cost..... **25c**

# DATA and TECHNICAL BOOKS



## Gernsback's Official Radio Service Manual 1934 Edition

A completely new 1934 edition of this popular and valuable service manual. All the new developments that have been made this past year are fully covered. Special sections are included on A. C.-D. C. sets, Auto Radio, Public Address Amplifiers, Short Wave Receivers, Remote Control Systems, Analyzers, etc. A complete compilation of radio tube data covering both the old and many new types. A list of all radio station frequencies in kilocycles, useful in calibrating oscillators and receivers. No theory—only practical service information in quickly accessible form. Voltage readings for practically all sets. Frequency of intermediate transformers with manufacturers' own suggestions as to correct methods of balancing. Everything new, nothing that appeared in previous issues has been repeated. This manual will save both time and expense and is a real necessity in every service shop. Its low cost will be repaid many times. Over 1500 illustrations, over 400 pages. Size 9x12". Flexible leatherette cover. **\$3.00**



tically all sets. Frequency of intermediate transformers with manufacturers' own suggestions as to correct methods of balancing. Everything new, nothing that appeared in previous issues has been repeated. This manual will save both time and expense and is a real necessity in every service shop. Its low cost will be repaid many times. Over 1500 illustrations, over 400 pages. Size 9x12". Flexible leatherette cover. **\$3.00**

### 1933 Official Radio Service Manual

This edition contains diagrams and information that did not appear in 1931 or 1932 editions and are not contained in the new 1934 edition. Many of the sets the serviceman is now getting for repair are only listed in this edition. Over 2000 illustrations, over 700 pages. Size 9x12". Flexible loose-leaf leatherette cover. **\$4.00**

### 1932 Official Radio Service Manual

The 1932 Edition contains a great deal of information and many diagrams that did not appear in the 1931 edition and does not appear in following editions; it is an exceptionally large book. Comes complete with free supplements. Over 1000 pages, over 2000 illustrations. Size 9x12". Free question and answer service. **\$4.00**



## Rider's Perpetual Trouble Shooters Manual No. 3

Volume 3 begins with all new material where Volume 2 left off, plus data on old receivers which was not available when Volumes 1 and 2 were printed. Each page is printed from an engraving assuring the utmost clarity of reproduction. Half-tone photographs of chassis views are clear and identification of parts is easy. Includes a complete index of all nationally-advertised receivers made between Jan. 1921 and Jan. 1933, of invaluable aid in identifying sets for which model numbers are not known. Diagrams include all sets released up to May 1st, 1933. Service information in Volume 3 is in the most complete form; schematic wiring diagrams; chassis wiring diagrams; parts layouts; photographic views of chassis; socket layouts; layout data; resistor values; condenser values; location of alignment and trimmer condensers; alignment and trimmer adjustment frequencies; intermediate-frequency amplifier peaks; alignment and intermediate-frequency adjustment instructions; color coding; transformer connections; point to point data; continuity test data; parts list with prices; special notes; in fact every possible kind of information that is needed to make a thorough quick repair. Size 8x11". Durably bound in fabrikoid. Pages can easily be removed or inserted. Shipping weight 8 lbs.

**Y1924—Volume No. 3. Your Cost—Postpaid East of Mississippi..... \$7.50**

### Volume No. 2

This volume contains many diagrams that are not contained in either previous or subsequent volumes and must be had if a complete list of all set diagrams and information is wanted.

**Y1925—Volume No. 2. Your Cost—Postpaid East of Mississippi..... \$6.50**

### Volume No. 1

**Y1926—Volume No. 1. Your Cost—Postpaid East of Mississippi..... \$7.50**

## Specialized Auto Radio Manual

A new Manual on auto radio servicing exclusively. Covers all old as well as new receivers. Shpg. wt. 4 lbs.

**Y1988—Auto Radio Manual. Your Cost—Postpaid East of Mississippi..... \$3.50**

We will prepay postage on the above Manuals to any destination East of Mississippi.

## Short Wave Library



The Manual of Ultra Short Wave Radio

Contains the history of Ultra S. W. Development, articles about the Generation, Radiation and measurement of Ultra Short Waves, Quasi-Optical, and Infra Red Rays, and the Commercial application of Short Waves in Communication Work, etc. 68 pages and 120 illustrations.

**Y19943—Your Cost Each..... \$5.00**

### The Manual of Short Wave Radio—Vol. 2

Learning the code, the converter handbook, tuned r. f. receivers and supers.

**Y19945—Each..... \$5.00**

## Ultra Short Wave Amateur Band Communication

Practical data for using 3/4 meter and 5 meter bands. Contains a reprint of 7 articles originally appearing in Radio News latter half of 1932. Reception and transmission below 10 meters is fully covered. Detailed constructional information for a 66 megacycle Magnatron transmitter. Shpg. wt. 2 lbs.

**Y19937—Your Cost..... \$25.00**

## Radio Service Questions and Answers

A compilation of many service problems and their answers. This book has been compiled by John F. Rider and consists of many questions received by him. Shpg. wt. 2 lbs.

**Y19931—Vol. 1. Your Cost..... \$95.00**

## Short Wave Beginner's Book



For those who are just beginning to become interested in short wave reception this book has been written by men who understand it thoroughly. It is as simple as anyone could wish yet presents all the information needed to get the most possible enjoyment 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. Shpg. wt. 2 lbs.

**Y19921—Your Cost..... \$25.00**

## 10 Most Popular Short Wave Receivers How to Make and Work Them

The Short Wave Receivers whose specifications appear in this book have been selected as representing the best technical practice in Experimenters types of Receivers for reception below 200 meters. Every set described has actually been built and tested by the editors of Short Wave Craft. Shpg. wt. 2 lbs.

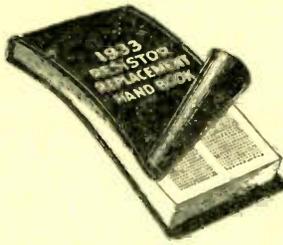
**Y19922—Your Cost..... \$25.00**

## Official Short Wave Log and Call Book

Contains the largest list of Short Wave Stations ever published. A distance chart showing the approximate distances between the principal cities of the world, also a map of the world. The first book of its kind. Every short wave fan needs one. Shpg. wt. 2 lbs.

**Y19920—Your Cost..... \$25.00**

## Electrad Resistor and Volume Control Handbook



A perpetual loose-leaf guide kept constantly up to date by revised lists sent you four times a year without additional charge. It shows at a glance exactly the value of resistors or volume controls required for all standard Radio Receivers. Contains resistor circuit diagrams and much useful information covering over 1000 receivers. Pocket size 5x8". Flexible black fabrikoid covers.

**V19941—Your Cost..... \$1.00**

## Official Refrigeration Service Manual

Servicing an electric refrigerator is absurdly simple once you get the "hang" of it. In this Refrigeration Manual every part is carefully explained; diagrams are furnished of every known machine; special care given to the servicing end. The tools needed are illustrated and explained; there are trouble shooting charts, and other service data. Over 1,200 diagrams 450 pages; 9x12", flexible loose leaf cover.

**Y19904—Your Cost..... \$4.00**



## Servicing Receivers by Means of Resistance Measurement



By means of resistance measurement or what is more commonly known as point to point testing it is possible to service any type of set. This book describes this method in detail and furnishes all data necessary to service practically all sets made today. Like all other publications by John F. Rider it is very complete and all the information given is in clear, easily understandable form. With its help many a service problem is easily solved. Shpg. wt. 2 lbs.

**Y19928—Your Cost..... \$95.00**

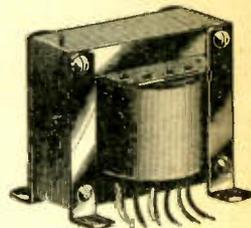
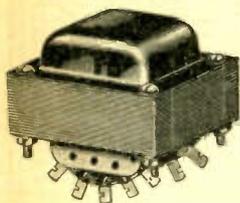
**Perfect Merchandise - Prompt Shipment - Personal Service**

# Trutest POWER TRANSFORMERS

## The Finest Quality Transformers for General Replacement or New Set Construction

A Product of Trutest—Guaranteed for One Year

Trutest Power Transformers truly deserve the popularity accorded them by the radio service field. As a power transformer is often both the most important and costly part of a receiver, we have seen to it that Trutest Power Transformers possess a higher rating than any transformers of their kind. You have the protection of a higher safety factor when using Trutest Power Transformers. In order for a service organization to be profitable it must strive to satisfy its customers. With Trutest Power Transformers as replacements, your customers will be assured long and satisfactory operation. The best coil and core materials available are put into Trutest Power Transformers to insure long life.



Furnished in both flush and horizontal mountings in the large variety of sizes given below, these transformers should prove applicable to most any receiver on the market. Even power transformers of current model receivers using the '82 rectifier can be replaced with Trutest Power Transformers of the flush mounting type. For a man who is building a set, the flush type of mounting is recommended as furnishing the more finished appearance. For replacement work however the horizontal type of mounting will in general be found to be the more practical. Always order a transformer large enough to fill your needs.

Experimenters and set builders will find in Trutest Power Transformers a solution to their long-felt wants. Compactness, ease of wiring and general appearance will go far to eliminate that "home made" look. On Flush Mounting Types, soldering lugs terminate on an insulated strip and protrude through the sub-panel. The Upright Horizontal Types have wire lead terminals and feet are provided on bases; the slight elevation permitting air circulation under cores. The Flush Mounting Types designed for use with the new '82 rectifier should prove of special interest to those wishing to make use of this latest type tube.

**SPECIAL NOTE—Refer to Page 94 for Complete Listing of Class "B" Audio Transformers and Special Chokes. It is Necessary to Use Special Audio Equipment When Constructing Class "B" Amplifiers.**

### For Short-Wave Converters

MOUNTING AREA:  $3 \times 2\frac{1}{2}$ "  
MOUNTING DIMENSIONS:  $2\frac{1}{2} \times 2$ "  
PRIMARY: 115 volts, 50-60 cycle.  
SECONDARIES: (1) 400 volts C. T.—25 M. A.  
(2) 5 volts, 2 amps. (280 Filament).  
(3) 2.5 volts C. T., 3.5 amps.  
Shipping weight 3 lbs.

#### Flush Mounting Type

C1500—  
Your Cost ..... **\$1.15**

#### Horizontal Mounting Type

Same tube characteristics as above. Size  $3 \times 2\frac{1}{2} \times 2\frac{1}{2}$ " Mounting centers  $3\frac{1}{4}$ ".  
C1501  
Your Cost Each ..... **\$1.25**

### 4 Tube Midget Receivers

For Two  $2\frac{1}{2}$  Volt Heater Tubes, One  $2\frac{1}{2}$  Volt Power Tube and One 280 or One 282 Rectifier

MOUNTING AREA:  $3 \times 2\frac{1}{2}$ "  
MOUNTING DIMENSIONS:  $2\frac{1}{2} \times 2$ "  
PRIMARY: 115 volts, 50-60 cycles.  
SECONDARIES: (1) 600 volts C. T.—40 M. A. (plate).  
(2)  $2\frac{1}{2}$  volts, 5 amps. C. T. (2 heater and 1 power tube).  
(3) 5 volts, 2 amps. (one 280 filament) or  $2\frac{1}{2}$  volts, 3 amps. (one 282 filament).  
Shipping weight 3 lbs.

#### Flush Mounting Type

C1490—Using 280 Rectifier.  
C1497—Using 82 Rectifier.  
Your Cost Each ..... **\$1.05**

#### Horizontal Mounting Type

Same tube characteristics as above. Size  $3 \times 2\frac{1}{2} \times 2\frac{1}{2}$ ". Mounting centers  $1\frac{3}{4} \times 2\frac{1}{4}$ ".  
C1502—Using 280 Rectifier.  
Your Cost Each ..... **\$1.05**

For Two  $2\frac{1}{2}$  Volt Heater Tubes, One  $2\frac{1}{2}$  Volt Power Tube and One 280 or 82

MOUNTING AREA:  $2\frac{1}{2} \times 3\frac{1}{2}$ "  
MOUNTING DIMENSIONS:  $2\frac{1}{2} \times 2\frac{1}{2}$ "  
PRIMARY: 115 volts, 50-60 cycles.  
SECONDARIES: (1) 700 volts C. T.—50 M. A. (plate).  
(2) 5 volts, 2 amps. (one 280 filament), or  $2\frac{1}{2}$  volts, 3 amps. (one 282 filament).  
(3) 2.5 volt C. T., 5 amps. (2 heaters and 1 power tube).  
Shipping weight 3 lbs.

#### Flush Mounting Type

C1494—Using 280 Rectifier.  
C1496—Using 82 Rectifier.  
Your Cost Each ..... **\$1.30**

#### Horizontal Mounting Type

Size  $3\frac{1}{4} \times 3 \times 2\frac{1}{2}$ ". Mounting centers  $1\frac{3}{4} \times 2\frac{1}{2}$ ".  
C1495—Using 280 Rectifier.  
Your Cost Each ..... **\$1.30**

### 5 and 6 Tube Receivers

For Three or Four  $2\frac{1}{2}$  Volt Heater Tubes, One  $2\frac{1}{2}$  Volt Power Tube and One 280 or 282 Rectifier

MOUNTING AREA:  $3\frac{1}{2} \times 3\frac{3}{4}$ "  
MOUNTING DIMENSIONS:  $3\frac{1}{2} \times 2\frac{1}{2}$ "  
PRIMARY: 115 volts, 50-60 cycles.  
SECONDARIES: (1) 700 volts C. T.—70 M. A. (plate).  
(2) 5 volts, 2 amps. (one 280 filament), or 2.5 volts, 3 amps. (one 282 filament).  
(3) 2.5 volts, 8.75 amps. (3 or 4 heaters and 1 power tube).  
Shipping weight 6 lbs.

#### Flush Mounting Type

C1492—Using 280 Rectifier.  
C1498—Using 82 Rectifier.  
Your Cost Each ..... **\$1.55**

#### Horizontal Mounting Type

Size  $3 \times 3\frac{1}{2} \times 3\frac{1}{2}$ ". Mounting centers  $3\frac{1}{4} \times 2$ ".  
C1504—Using 280 Rectifier.  
Your Cost Each ..... **\$1.55**

### For use with the New Type Tubes

Up to 8 Heater Type Tubes  
2 of the New 2A3 Power Tubes  
1-83 Rectifier

Suitable both for Class A and Class A<sup>1</sup> (A modified Class B amplification).

MOUNTING AREA:  $4\frac{1}{2} \times 3\frac{3}{4}$ "  
MOUNTING DIMENSIONS:  $3 \times 3\frac{3}{4}$ "  
PRIMARY: 115 volt, 50-60 cycle.  
SECONDARIES: 400/400 at 150 M. A.  
 $2\frac{1}{2}$  volts C. T., 5 Amp.  
 $2\frac{1}{2}$  volts C. T., 12 Amp.  
5 volts 3 Amp.  
Shipping weight 10 lbs. Flush mounting type.  
C1517—  
Your Cost, Special ..... **\$3.75**

### Class B Power Transformer

For Public Address Systems—High Power  
—Low Cost—for 7 Heater Tubes;  
3-46s, and 1-83 Rectifier

MOUNTING AREA:  $4\frac{1}{2} \times 3\frac{3}{4}$ "  
MOUNTING DIMENSIONS:  $3 \times 3\frac{3}{4}$ "  
PRIMARY: 115 volt, 50-60 cycle.  
SECONDARIES: 580/580 volts at 175 M. A.  
5 volts C. T., 3 amps.  
 $2\frac{1}{2}$  volts C. T., 3 amps.  
 $2\frac{1}{2}$  volts C. T., 10 amps.  
Shipping weight 10 lbs. Flush Mounting Type only.  
C1516—Your Cost Each ..... **\$4.45**

### 6 Tube Receivers

Push-Pull Power Tubes

For Three  $2\frac{1}{2}$  Volt Heater Tubes, Two  $2\frac{1}{2}$  Volt Power Tubes and One 280 Rectifier

MOUNTING AREA:  $3\frac{1}{2} \times 3\frac{3}{4}$ "  
MOUNTING DIMENSIONS:  $2\frac{1}{2} \times 3\frac{1}{2}$ "  
PRIMARY: 115 volts, 50-60 cycles.  
SECONDARIES: (1) 700 volts C. T.—70 M. A. (plate).  
(2) 5 volts, 2 amps. (280 filament).  
(3) 2.5 volts, C. T., 3 amps. (2 power tubes).  
(4) 2.5 volts, 7 amps. (3 heaters).  
Shipping weight 8 lbs.

#### Flush Mounting Type

C1505—  
Your Cost Each ..... **\$1.75**

#### Horizontal Mounting Type

Same tube characteristics as above. Mounting centers  $3\frac{1}{4} \times 1\frac{3}{8}$ ".  
C1506—  
Your Cost Each ..... **\$1.75**

### 7 and 8 Tube Receivers

For Four or Five  $2\frac{1}{2}$  Volt Heater Tubes, Two  $2\frac{1}{2}$  Volt Power Tubes and One 280 or 282 Rectifier

MOUNTING AREA:  $3\frac{1}{2} \times 3\frac{3}{4}$ "  
MOUNTING DIMENSIONS:  $3\frac{1}{2} \times 2\frac{1}{2}$ "  
PRIMARY: 115 volts, 50-60 cycles.  
SECONDARIES: (1) 700 volts C. T.—110 M. A. (plate).  
(2) 5 volts, 2 amps. (one 280 filament), or 2.5 volts, 3 amps. (one 282 filament).  
(3) 2.5 volts C. T., 3 amps. (2 power tubes).  
(4) 2.5 volts, 8.5 amps. (Four or five heater tubes).  
Shipping weight 8 lbs.

#### Flush Mounting Type

C1507—Using 280 Rectifier.  
C1499—Using 82 Rectifier.  
Your Cost Each ..... **\$1.95**

#### Horizontal Mounting Type

Same tube characteristics as above. Mounting centers  $3\frac{1}{2} \times 2$ ".  
C1508—Using 280 Rectifier.  
Your Cost Each ..... **\$2.10**

### 9 and 10 Tube Receivers

MOUNTING AREA:  $4\frac{1}{2} \times 3\frac{3}{4}$ "  
MOUNTING DIMENSIONS:  $3 \times 3\frac{3}{4}$ "  
PRIMARY: 115 volts, 50-60 cycle.  
SECONDARIES: (1) 700 volts C. T.—110 M. A.  
(2) 5 volts at 2 amps. (280).  
(3) 2.5 volts at 3 amps.  
(4) 2.5 volts at 12.25 amps.  
Shipping weight 9 lbs.

#### Flush Mounting Type

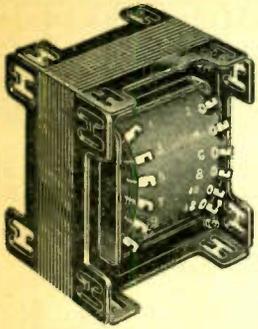
C1509—  
Your Cost ..... **\$2.45**

#### Horizontal Mounting Type

Same tube characteristics as above. Mounting centers  $2\frac{1}{2} \times 3\frac{3}{4}$ ".  
C1510—Your Cost Each ..... **\$2.45**

# Trustest

# Universal Replacements



### Built for Extra Heavy Duty Service

The most complete line of universal replacement power transformers, with flexible tube combinations and adjustable mounting frames that permit an adequate range of mounting adjustments for all practical purposes.

They are so ingeniously designed and so expertly built that there is hardly a receiver of standard make that can not be honestly and economically serviced by means of one of these types listed on this page. We say honestly because we know their electrical characteristics to be right by actual use, and because we know them to be a quality product of a reputable manufacturer.

For efficiency, durability and stability under general operating conditions, these transformers are unsurpassed. You are prepared for any emergency by carrying one or two of each of these types on your shelves at all times. One each enables you to service over 250 different sets on short notice.

The very finest grade of copper, insulation and steel is used in the manufacture of these products. No skimping, no border line ratings. Especially built over-size to afford a large safety factor. Equipped with soldering lugs mounted on a fibre strip.

For 5-227's, or 224's, 2-245 or 247, 1-280.

Primary: 110 volts 50-60 cycles.

Secondaries: (1) 700 volts C.T. 110 M.A. (plate)

(2) 5 volts C. T. 2 amps. (1-280 filament)

(3) 2.5 volts C. T. 3.5 amps. (2-245 or 247 filament)

(4) 2.5 volts C. T. 8.75 amps. (5-227's or 224's filament). Shipping weight 6 lbs.

110 volts 50-60 cycles.

**C1477—Your Cost . . . . . \$2.20**

For 110 volts 25 cycles. Shipping weight 10 lbs.

**C1467—Your Cost . . . . . \$3.95**

For 7-227's, or 224's, 2-245's or 247's, 1-280.

Primary: 110 volts 50-60 cycles.

Secondaries: (1) 700 volts C.T. 110 M.A. (plate)

(2) 5 volts. 2 amps. (1-280 filament)

(3) 2.5 volts C. T. 3.5 amps. (2-245's or 247's filament)

(4) 2.5 volts C. T. 12.25 amps. (7-227's or 224's filament). Shipping weight 10 lbs.

110 volts 50-60 cycles.

**C1475—Your Cost . . . . . \$2.55**

For 110 volts 25 cycles. Shipping weight 15 lbs.

**C1465—Your Cost . . . . . \$4.50**

### Physical Dimensions

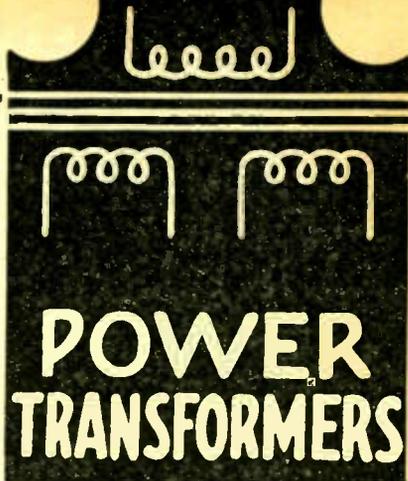
**C1463 C1476 C1477**  
Overall dimensions:  $4\frac{1}{4} \times 3\frac{1}{4} \times 3\frac{1}{2}$ ". Mounting dimensions:  $1\frac{1}{8}$  to  $2\frac{1}{8} \times 1\frac{1}{8}$  to  $2\frac{1}{8}$ " or,  $1\frac{1}{8}$  to  $2\frac{1}{8} \times 1\frac{1}{8}$  to  $3\frac{1}{8}$ ".

**C1475**  
Overall dimensions:  $4\frac{1}{2} \times 3\frac{3}{8} \times 3\frac{1}{2}$ ". Mounting dimensions:  $1\frac{1}{8}$  to  $2\frac{1}{8} \times 1\frac{1}{8}$  to  $2\frac{1}{8}$ " or:  $1\frac{1}{8}$  to  $2\frac{1}{8} \times 1\frac{1}{8}$  to  $3\frac{1}{8}$ ".

All 25 cycle universal replacement power transformers are slightly larger in size.

The special mounting bracket on these Trustest Universal Power Transformers affords the serviceman a real high quality replacement that can be mounted in a vertical, horizontal and even a flush position. Hook-up arrangement is printed on the transformer coil near the respective lugs, and can not be lost.

**We carry in stock at all times, a most complete line of every type and style of power transformers. Special power transformers, requiring different type windings, can be supplied at a most reasonable cost, to your own specifications. We will be pleased to quote on large quantities to jobbers and set manufacturers.**



For 6-226's, 1-227, 2-171A's, 1-280  
Primary: 110 volts 50-60 cycles.  
Secondaries: (1) 600 volts C.T. 80 M.A. (plate)  
(2) 5 volts. 2 amps. (1-280 filament)  
(3) 2.5 volts C.T. 1.75 amps. (1-227 filament)  
(4) 5 volts C.T.  $\frac{1}{2}$  amp. (2-171A's filament)  
(5) 1.5 volts 6.8 amps. (6-226's filament)  
Shipping weight 6 lbs.

110 volts 50-60 cycles. **\$2.65**  
For 110 volts 25 cycles. Shipping weight 10 lbs.

**C1476—Your Cost . . . . . \$4.75**

For 6-227's, or 224's, 2-171A's, 1-280  
Primary: 110 volts 50-60 cycles.  
Secondaries: (1) 600 volts C.T. 70 M.A. (plate)  
(2) 5 volts. 2 amps. (1-280 filament)  
(3) 5 volts C.T.  $\frac{1}{2}$  amp. (2-171A's filament)  
(4)  $2\frac{1}{2}$  volts C.T. 10.5 amps. (6-227's or 224's filament) Shipping weight 6 lbs.

110 volts 50-60 cycles. **\$2.55**  
**C1463—Your Cost . . . . . \$2.55**

For 110 volts 25 cycles. Shipping weight 10 lbs.

**C1464—Your Cost . . . . . \$4.45**

### Double Choke

#### FOR KOLSTER

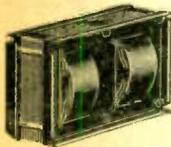
Models, 6F, 6J, 6K, 6R, K20, K21, K22,

K23, K25, K27

Columbia Models

C-1, C-2, C-3, C-4

The Official Replacement double choke— for the above models.



Size:  $6 \times 3\frac{1}{4} \times 2$ ". Shipping weight 5 lbs.

**C2063—Your Cost . . . . . \$1.45**

### Freed and Earl Double Choke

Double Choke Units for

Freed Models 55, 56, 78,

79, 79-S, 65, 95 and 33

also for Earl—21, 24,

31, 32, 31-S, 32-S, and 41.

Can be used in any

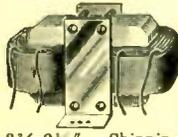
filter circuit as they are

for 30 Henry 100 M. A. at

400 ohms. Size:  $4\frac{1}{2} \times 3\frac{3}{4} \times 2\frac{1}{4}$ ".

Shipping weight 3 lbs.

**C2393—Your Cost Each . . . . . 90¢**



### Freed-Eisemann Double Choke

For Models NR-60, NR-57, NR-57A, NR-80.

**C2394—Your Cost . . . . . 90¢**

### "B" Eliminator Transformer

A popular replacement

unit for all "B" Elimina-

tors, 5-volt winding for

'30 tube and 500-volt

H. V. winding center-

tapped. Can be used with

Raytheon type tube, by

disregarding 5-volt wind-

ing. Size:  $2\frac{1}{2} \times 2\frac{1}{2} \times 2\frac{1}{4}$ ".

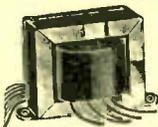
Shipping weight 4 lbs.

**C2291—Your Cost . . . . . \$1.65**



### Trustest Tube Tester Filament Transformer

$1\frac{1}{2}$ , 2, 2 $\frac{1}{2}$ , 3, 3, 5, 6, 3, 7 $\frac{1}{2}$ , 15, 25, and 30 Volts.



A high quality filament transformer for replacement in standard tube testers. Voltages for all type tubes including battery tubes and new auto tubes. Very compact in size, no larger than an audio transformer. Color-

coded flexible leads. Primary tapped at 105, 115 and 125 volt, 50-60 cycle. Secondary is single winding with the correct voltages tapped. Shipping weight 3 lbs.

**C1967—Your Cost . . . . . \$1.65**

### Trustest Filament Transformer

$2\frac{1}{2}$  Volts at 10 $\frac{1}{2}$  Amperes

Rugged and well made; guaranteed to deliver the rated voltages and load without heating. 110 volt primary. 1000 volt insulation. Size  $3 \times 2 \times 2\frac{1}{2}$ ". Shipping weight 3 lbs.

**C2383—Your Cost . . . . . \$1.30**

Same as above, except uncased,  $2\frac{1}{2}$  volts at 10 $\frac{1}{2}$  amperes, semi-open type, strap mounting. **C2387—Your Cost . . . . . \$1.10**

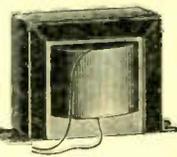
Same as above, except  $2\frac{1}{2}$  volts at 5 $\frac{1}{2}$  amperes. Uncased. **C2388—Your Cost . . . . . 98¢**

Two separate windings of  $2\frac{1}{2}$  volts at 5 $\frac{1}{2}$  amps. each. Uncased. **C2443—Your Cost . . . . . \$1.45**

5 Volts, 4 Amps. Uncased **C2441—Your Cost . . . . . 98¢**



### Trustest Heavy Duty Choke



**30 H.—125 M.A.**

A choke that is rated at its true inductance value. Ideal for replacement and new set builders. A finished product. Its low D. C. resistance of 180 ohms makes it an ideal filter choke. Size

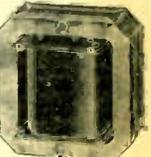
$3 \times 2 \times 2\frac{1}{4}$ " high. Mounting centers  $3\frac{3}{8}$ ". Shipping weight  $4\frac{1}{2}$  lbs.

**C1570—Your Cost . . . . . 95¢**

### Heavy Duty Filter Choke

Heavy Duty Filter Choke that has an inductance of 30 henry, at approximately 150 mils. D. C. resistance of 700 ohms. For use in a filter circuit for power packs—and power amplifiers. Size  $3 \times 3 \times 2\frac{1}{2}$ ". Shipping weight 5 lbs.

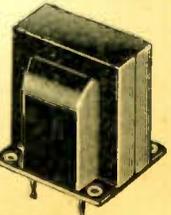
**C1572—Your Cost . . . . . 90¢**



### Filter Choke

**30 H.—100 M.A.**

A quality filter choke, having an inductance of 30 henry at 100 M. A. D. C. resistance of 175 ohms. Ideal for all types of circuits requiring a high quality filter choke. Its low D. C. resistance makes it a popular unit for set builders and for replacement purposes. Size  $3 \times 2\frac{1}{2} \times 2\frac{1}{4}$ ". Shipping weight 4 lbs. **C1569—Your Cost . . . . . 75¢**



# RCA RADIOLA VICTOR



## Brand New Victor Replacement Power Transformer

Models R-32, R-52, RE-45 and RE-75



To meet the ever increasing demand for a quality replacement power transformer for the above Victor Models, at a reasonable price, we have developed a replacement transformer that is guaranteed to be better than the original transformer in every respect. In order to furnish a guaranteed replacement we made no effort to copy the original power transformer. The original transformer, as did many so-called replacements, fell far short of good engineering practice and to duplicate would mean further trouble. This replacement transformer is conservatively rated, there is no skimping, no border line ratings. Through the liberal use of iron, copper and insulating materials, the basic materials in the makeup of this transformer, insures a dependable replacement unit. Utilizes the following tubes: 6-26s; 1-27; 2-45s and 1-80. Fully shielded in a heavy gauge case. In order to allow for the over-size transformer, the metal container is larger in height but will fit the chassis exactly. Terminal lug arrangement number as the original. NO CHANGES NECESSARY TO INSTALL THIS REPLACEMENT UNIT. Shipping weight 13 lbs.

C2185—Your Cost... **\$2.65**

## RCA Victor Models R-50, R-55, RE-20, RAE-59 and RAE-79 General Electric H-32, H-72 Graybar GB-100



Original replacement. Supplies voltages for 7 heater tubes: 2-47's and 1-80. Shpg. wt. 15 lbs. 110 v., 60 cycle.

C2190—Your Cost... **\$3.95**

Same as above except for use on 220 volt, 60 cycle.

C2457—Your Cost... **\$5.95**

## RCA Victor Models R-11, 18 and 18-A, RAE-26, R-21 General Electric K-62 Graybar Model GB-9 Westinghouse WR-15

Original replacement power transformer for the above receivers. Supplies plate and filament voltages for the following tubes: 6 heater tubes; 2-47's and 1-80. Shipping weight 9 lbs.

C2189—Your Cost... **\$3.95**



## RCA Victor R-7 "Superette" General Electric S-22 Graybar 8 Midget

Similar in appearance to above. An exact duplicate of the original transformer. Supplies filament and plate voltages for the following tubes: 2-35s; 2-27s; 1-24; 2-45s and 1-80. This transformer is made from the finest quality merchandise. Shipping weight 7 lbs.

C2187—Your Cost... **\$2.75**

## RCA-Victor Models, R-8, R-10, R-12; G. E. Models J-80, J-85, S-132; Graybar GC-8, GC-14, GB989

Genuine Replacement Part No. 7344, for 110 v. 60 cycle.

C2112—List \$8.00—Your Cost... **\$3.50**

Same as above, except 110 v. 25 cycle, Part No. 8770.

C2113—List \$12.00—Your Cost... **\$6.95**

Same as above, except 220 v. 50-60 cycle.

Part No. 8771

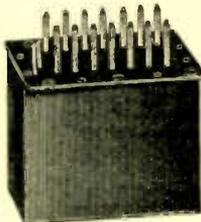
C2114—List \$9.00—Your Cost... **\$5.40**

## G. E. Models J-100, J-107

Replacement Part No. 8932. 110 v. 60 cycle.

C2115—Your Cost... **\$3.50**

## Genuine Radiola Power Transformer for RCA Models 64, 67 Victor Models 9-18, 9-54



This is the brand new, Genuine RCA-Radiola Power Transformer for the above models. They were manufactured by Westinghouse for replacement in these receivers. It is practically an impossibility to manufacture a replacement for these receivers at a price below what we are

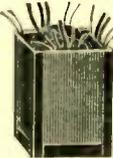
asking. For 8-27s, 1-60 and 2-81s. 110-120 volts, 50-60 cycle. Shipping weight 25 lbs.

C2157—Your Cost... **\$8.75**

For 110-120 volt, 25 cycle. Shipping weight 29 lbs.

C2198—Your Cost... **\$12.75**

## Radiola Model 41



These are the genuine RCA power transformers for use with this receiver. Supplies filament and plate voltages for 4-26s; 1-27; 1-10, and 1-80 tubes. There are two types of power packs used with this set.

For STERLING PACK, mounted in heavy cardboard

container. RCA No. 8399. Shipping weight 9 lbs.

C2159—Your Cost... **\$2.50**

For RECEPTOR PACK, mounting brackets. RCA No. 8405. Shipping weight 7 lbs.

C2160—Your Cost... **\$3.75**

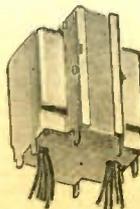
## Radiola Models 42 and 48 Victor Models 14, 15 and 17 Westinghouse Model WR-4 General Electric Model T-41 Graybar 678, RC-3

The genuine RCA power transformer for the above receivers, utilizing 4-24s; 2-45s and 1-80 tubes. Brand new and guaranteed. RCA part No. 8609. Shipping weight 9 lbs. 110 volt, 60 cycle.

C2155—Your Cost... **\$1.50**

For 120 volt, 25 cycle operation. Shipping weight 11 lbs.

C2143—Your Cost... **\$3.95**



# POWER TRANSFORMERS

## Radiola Models 17, 18, 33, 50, 51; Brunswick 2KRO, 3KRO, 3KR6, 5KR, 5KRO, 5KR6; Victor 7-11, 7-25, 7-26, 17-8; Graybar 311

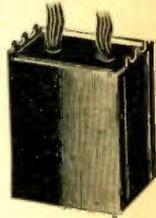
R.C.A. PART NO. 8335

Part 8287-8335. Genuine replacement. 50-60 cycle. Shpg. wt. 9 lbs.

C2150—Your Cost... **\$1.45**

Part No. 8340. 25 cycle operation. Genuine replacement. Shpg. wt. 11 lbs.

C2151—Your Cost... **\$3.25**



## Radiola Models 44, 46, 47 Graybar 500-550

Part No. 8472. Exact duplicate of the original. Shpg. wt. 10 lbs.

C2152—Your Cost... **\$2.75**

Part No. 8473. Exact duplicate of the original. 25 cycle operation. Shpg. wt. 13 lbs.

C2192—Your Cost... **\$4.45**

## Radiola Models 60 and 62 Brunswick 3NC-8, 5NC-8 Graybar Model 340

Part No. 8344. Exact duplicate of the original. 50-60 cycle. Shpg. wt. 10 lbs.

C2153—Your Cost... **\$2.75**

Part No. 8360. Exact duplicate of the original. 25 cycle operation. Shpg. wt. 12 lbs.

C2191—Your Cost... **\$4.45**

## Radiola Model 66 Graybar Model 600

Part No. 8483. Exact duplicate of the original 50-60 cycle. Shpg. wt. 13 lbs.

C2154—Your Cost... **\$3.25**

Part No. 8484. Genuine replacement. 25 cycle operation. Shpg. wt. 15 lbs.

C2193—Your Cost... **\$4.95**

## Radiola Models 80, 82, 86 Graybar Models 700, 770, 900 General Electric H31, 51, 71 Westinghouse Models WR 5, 6, 7, 8

Part No. 8556. Genuine replacement. 50-60 cycle. Shpg. wt. 15 lbs.

C2156—Your Cost... **\$1.65**

Part No. 8596. Genuine replacement. 25 cycle operation. Shpg. wt. 18 lbs.

C2141—Your Cost... **\$2.95**

## Victor Models 35, 39, RE57, RE73

Part No. 10917. Genuine replacement. 50-60 cycle. Shpg. wt. 15 lbs.

C2195—Your Cost... **\$1.65**

Part No. 10915. Genuine replacement. 25 cycle operation. Shpg. wt. 18 lbs.

C2442—Your Cost... **\$5.95**

## RCA BI-Acoustic R-78 General Electric J125

Replacement Part No. 8913.

C2116—List \$12.00—Your Cost... **\$4.75**

## RCA Victor Models R-71, R-72

G. E. J-8 SERIES

Replacement No. 8918.

C2117—Your Cost... **\$3.25**

G. E. MODEL J-72

Replacement Part No. 7560.

C2118—Your Cost... **\$2.50**

G. E. MODELS J-83, J-87

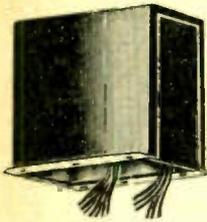
Replacement Part No. 7551.

C2119—Your Cost... **\$2.75**

# POWER TRANSFORMERS

## Stromberg-Carlson

Models 641, 642, 652, 654, 846, 848



Exact replacements built of the finest quality materials and designed according to specifications of the original part, both in electrical characteristics and size. For the models utilizing, 3-24s; 1-27; 1-45 and 1-80. Shpg. wt. 12 lbs.

For Models 641, 642, 652, 654

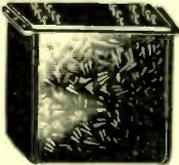
C2257—  
Your Cost.....**\$3.45**

For Models 846, 848

For models utilizing 3-24s; 3-27s; 2-45s, and 1-80. Shpg. wt. 14 lbs.  
C2258—Your Cost.....**\$4.50**

Models 12 and 14

Designed according to the original specifications of Stromberg-Carlson. Utilizes the following tubes: 3-24s; 2-27s; 2-45s; and 2-80s; 110-120 volts A. C. 80 cycle. Has heavy duty secondary. Shpg. wt. 14 lbs.



C2282—  
Your Cost.....**\$4.85**

Models 10, 11 and 25, 26

An exact duplicate transformer for replacement in Models 10, 11 and 25, 26 (similar in appearance to 12 and 14). Models 10 and 11 uses 4-24s, 2-45s and 1-280. Shpg. wt. 8 lbs.

C2370—Your Cost.....**\$4.90**

Models 25 and 26 uses 4-24s, 2-45s, 1-27, 1-280.  
C2218—Your Cost.....**\$4.50**

Models 19 and 20

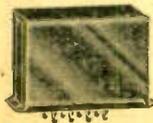
An exact duplicate of the original Stromberg-Carlson Power Transformer. Guaranteed to give the exact specified voltages in these sets. Has HI and LO tapped primary and four secondaries for 1-280, 2-27s, 2-45s, and 4-35s. Shpg. wt. 8 lbs.



C2371—  
Your Cost.....**\$3.95**

## Stromberg-Carlson Filter Inductor Assembly

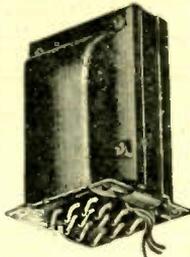
For Models 641, 642, 652, 654



An exact duplicate of the original Stromberg-Carlson replacement part. Combines two filter chokes, tapped, in one container. Shpg. wt. 6 lbs.

C2373—  
Your Cost.....**\$3.25**

## PHILCO Power Transformers



### Guaranteed Replacements

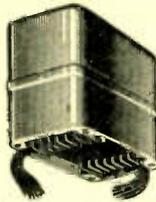
Designed for Philco Replacements, Guaranteed to be equal to the original General purpose replacement. The usual method of installing these transformers makes possible a very neat arrangement with all wiring out of sight under the base panel. Black enameled steel case, with a flange for mounting. Average shipping weight 8 lbs. Hook-up furnished with each transformer. All have 110 volt 60 cycle primary. Average shipping weight 8 lbs. Refer to list below for our stock number.

Chassis	Tubes Used (1-'80, and)	Philco Part	Stock No.
20-220	3-24s; 1-27; 2-71A	4234	C1955
65	2-24s; 1-27; 2-45s	3516	C1956
70	4-24s; 1-27; 2-45s	5117	C1957
76-77	3-24s; 1-27; 2-45s	3868	C1958
86	4-26s; 1-27; 2-45s	3271	C1960
87	4-26s; 1-27; 2-45s	3400	C1959
90	4-24s; 2-27; 2-45s	4938	C1961
95-96	3-24s; 3-27; 2-45s	3752	C1962
111-211	4-24s; 4-27; 2-45s	4446	C1963
111-211	4-24s; 4-27; 2-47s	5594	C1954

For additional Philco Power Transformers see page 76.

Any of the above models  
Your Cost.....**\$2.65**

## Bosch Power Transformers



Model 28

This is the original Bosch Power Transformer as used in the above model receivers. Also adaptable for sets using the following tubes: 4-26s; 1-27; 2-71As and 1-80. Shpg. wt. 10 lbs.

C2254—  
Your Cost.....**\$2.95**

Model 29—825

Similar in appearance to above, for sets using 4-26s; 1-27; 1-10, and 2-81s. Shipping weight 11 lbs.

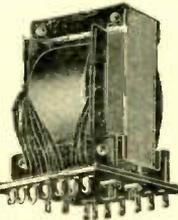
C2336—Your Cost.....**\$4.20**

## Bosch

Model 48

Built according to the specifications of the original. For sets using 3-24s; 1-27; 2-45s and 1-80 tubes. Shipping weight 10 lbs.

C2260—  
Your Cost.....**\$3.60**



Model 58

Similar in appearance to above, for sets using 4-24s; 1-27; 2-45s and 1-80 tubes. Shipping weight 10 lbs.

C2261—Your Cost.....**\$3.60**

Model 60

Similar in appearance to above, for sets using 5-24s; 1-27; 2-45s and 1-80. Shipping weight 13 lbs.

C2262—Your Cost.....**\$3.90**

A complete tabulated listing in this catalog on pages 90 to 93 is available for your convenience in referring to replacement transformers.

## Atwater Kent

Models 37, 38

For replacement in the above receivers; this transformer is guaranteed to give satisfaction; built along the lines of the original, except with a larger safety factor. Utilizes: 4-26s; 1-27; 1-71A; 1-80. Size 5x3 1/2 x 4 1/2". Shpg. wt. 9 lbs.

C2255—  
Your Cost.....



**\$1.75**

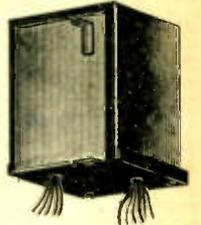
## Atwater Kent

Models 55, 55C

This transformer is identical to the original A. K. part. Utilizes the following tubes, 3-24s; 2-27s; 2-45s; and 1-80. Size 4x5x4 1/2". Shpg. wt. 11 lb.

C2449—Early Model  
C2446—Late Model  
Your Cost  
Either **\$4.20**  
Type.....

For Models 60 and 60C  
Similar in appearance to above transformer. Shipping weight 11 lbs.  
C2246—Your Cost.....**\$4.90**

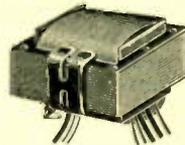


## For Atwater Kent

Models 70, 72, 75, L-1, L-2, H-1, H-2

An exact duplicate of the original Atwater-Kent Power Transformer used in the above models. Has the special high voltage secondary winding as used on the original. Extra heavy duty filament winding. No changes necessary to install this unit. Shpg. wt. 6 lbs.

C2440—Your Cost.....**\$3.75**



## Fada Power Transformer

This Power Transformer goes into the Fada sets specified and gives exactly the same voltages as the original job. It is an absolutely exact replacement in every detail. Shpg. wt. 8 lbs.

Model 25—Uses 4-227s, 1-24, 2-45s and 1-280

C2351—  
Your Cost.....**\$3.95**

Models 35 and 35B—Uses 2-24s, 2-27s, 2-45s, and 1-280

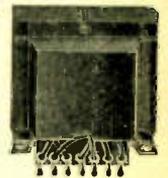
C2352—  
Your Cost.....**\$3.95**

Models 41, 42, 44, 46, 47. Uses 3-24s, 3-27s, 2-45s and 1-280

C2353—  
Your Cost.....**\$3.90**

Model 43—Uses 3-24s, 1-27, 2-45s and 1-280

C2354—  
Your Cost.....**\$3.90**



## Zenith

Models ZE-50, ZE-60, ZE-70

An exact duplicate of the original Zenith No. 95-67 Replacement Power Transformer used in the above model receivers. Furnishes filament and plate voltages for the following tubes: 3-24s; 3-27s; 2-45s; and 1-80. Shpg. wt. 9 lbs.

C1980—  
Your Cost.....**\$3.95**



## FRESHMAN Replacement Power Transformers



The original replacement power transformers for Freshman Models "Q" and "Q-D" sets using 1-22; 1-26; 1-27; 1-71A and 1-80 tubes. Size 6 1/4 x 3 x 4"

deep. Shipping weight 9 lbs.

### For "Q" Receivers

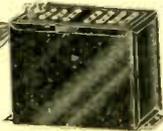
C2263—60 cycle  
Your Cost..... **\$1.95**  
C2273—25 cycle  
Your Cost..... **\$4.95**

### For "QD" Receivers

C2264—60 cycle  
Your Cost..... **\$4.40**  
C2274—25 cycle  
Your Cost..... **\$5.45**

## FRESHMAN 2N-60-S Power Supply

A big husky Power Supply, using 1-281 and supplying plate and filament voltages to 1-250, 4-226S, and 1-227 tubes. Guaranteed to duplicate the original in every detail. Shipping weight 15 lbs. Model 2N-60-S 60 Cycle  
C2313—  
Your Cost..... **\$6.50**  
Model 2N-60-S 25 Cycle  
C2314—  
Your Cost..... **\$6.75**



## Genuine EARL and FREED Power Transformers

These are the genuine Power Transformers used in the receivers below.

### Earl Models 21 and 22 Freed Models 55 and 56

Utilizing, 3-26; 2-27s; 2-71As and 1-80 tubes. Shipping weight 6 lbs  
C2286—  
Your Cost..... **\$2.70**

### Earl 24, 31, 32, 33 and 41 Freed 65, 78, 79, 90 and 95

Utilizing 6-27s; 2-45s, and 1-80 tubes. Shipping weight 8 lbs.  
C2287—Your Cost..... **\$3.95**



## Transformer Coil With Terminal Strip



Earl Models 24, 31, 32, 33 and 41  
Freed Models 65, 78, 79, 90 and 95

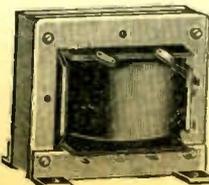
The genuine Transformer Coil, to be assembled with laminations of old power transformer. Shipping weight 4 lbs.  
C2288—  
Your Cost..... **\$1.95**

## EVEREADY Power Transformers

### 30 Series

Identical in size and electrical characteristics as the original. For sets utilizing 5-27s; 2-71As and 1-80 tubes. Shipping weight 9 lbs.

C2283—  
Your Cost..... **\$2.85**



### 40 and 50 Series

Similar in appearance to above transformer. For sets utilizing 5-27s; or 24s; 2-45s; and 1-80 tubes. Shipping weight 9 lbs.  
C2284—Your Cost..... **\$2.80**

# REPLACEMENT POWER TRANSFORMERS

Name of Radio	Model	Stock No.	Your Cost
ALL AMERICAN MOHAWK	Lyric 90	C2200	\$3.75
	D and H	C2201	3.95
AMRAD	81 Bel Canto Series	C2281	3.95
	7191	C2215	3.50
ARGUS	195-B	C2213	\$6.95
APEX	Gloritone 26-A	C2205	\$2.35
	Gloritone 26-P	C2484	2.95
	Gloritone 27	C2485	2.75
	36 and 37	C2206	4.25
	41	C2207	4.40
	28-A, 29 and 31	C2212	4.40
	46, 47 and 48	C2208	3.95
	99	C2209	2.75
	Case 80	C2210	3.95
	8-B	C2211	3.45
	7	C2480	3.10
	7 (25 cycle)	C2481	4.40
	9	C2482	3.10
	32	C2483	3.50
ATWATER KENT	37 and 38	C2255	\$1.75
	40, 56, 57 Complete Pack	B1381	4.95
	42, 44, 45, 52 Complete Pack	B1376	4.95
	43, 46, 47, 53 Complete Pack	B1375	7.25
	41 D. C. Complete Pack	B1383	4.95
	55 and 55-C, Early Types	C2449	4.20
	55 and 55-C, Late Types	C2446	4.20
	60 and 60-c	C2246	4.90
	66 Filament Transformer	C2245	3.70
	66 Plate Transformer	C2244	5.75
	H-1, H-2, L-1, L-2	C2440	3.75
	82, 85	C2447	3.75
	82-F, 85-F, 25 cycle	C2448	6.45
	55 and 55-C, Early, 25 cycle	C2449	6.45
	55 and 55-C, Late, 25 cycle	C2470	6.45
	60 and 60-C, 25 cycle	C2471	6.45
	80 and 83	C2472	3.75
	80-F and 83-F, 25 cycle	C2473	6.45
	84	C2474	3.75
	84-F, 25 cycle	C2475	6.45
87, 89 and 89-P	C2476	4.25	
89-F, 25 cycle	C2477	5.90	
70, 72, 76, L-1, L-2, H-1, H-2	C2440	3.75	
BALKEIT	A-3, A-5, A-7	C2203	\$4.50
BOSCH	28	C2254	\$2.95
	29-A	C2336	4.20
	48	C2260	3.60
	58	C2261	3.60
	60	C2262	3.90
	133	C2202	3.50
	Model 20	C2432	3.50
	Model 250-P	C2433	4.90
BRANDES	B-10 and B-11	C2050	\$2.95
	B-15 and B-16	C2051	4.70
BREMER-TULLY	6-40, 6-41	C2220	\$3.25
	S-14, S-21, S-81, S-82	C2365	3.95
	770, 771	C2364	3.50
	S-14, S-21, S-31, S-81, S-82, 25 cycle	C2374	6.45
BRUNSWICK	2-KRO, 3-KRO, 3-KR6, 5-KR, 5-KRO, 5-KR6	C2150	\$1.50
	2-KRO, 3-KRO etc., 25 cycle	C2151	3.25
	3-NC8 and 5-NC8	C2153	2.75
	3-NC8 and 5-NC8, 25 cycle	C2191	4.45
	S-14, S-21, S-31, S-82	C2365	3.95
	14, 21, 31, 25 cycle	C2081	6.45
	10	C2082	6.45
	11, 12, 16, 33	C2083	6.45
	17	C2084	6.45
	CLARION	51, 53 and 55	C2233
60		C2232	4.50
90		C2236	4.50
CLUB ALUMINUM	9 in Line	C2316	\$4.40
COLONIAL	31	C2363	\$3.75
	32	C2279	3.50
	33 and 35	C2280	4.25
	36-114, 38-117, 39-125	C2225	3.45
	44	C2226	3.45
	47	C2227	3.45
	28, Plate Transformer	C2369	3.90
COLUMBIA-KOLSTER	930-300	C2057	\$6.75
	931	C2058	6.75
	950	C2059	4.65
COLUMBIA RADIO	Screen Grid 8	C2305	\$3.95
	Screen Grid 9	C2434	4.45
CROSLEY	Power Converters, 104-105-106 Bandbox	C1882	\$1.25
	602 Bandbox	C1888	1.45
	AC-7	C1890	1.10
	608	C1884	1.45
	608, 25 cycle	C1885	1.75
	704	C1887	1.95
	704-A	C1886	1.95
	30-S, 31-S, 33-S and 34-S	C1883	2.45
	706 Showbox and 704-B	C1850	3.25
	40-S, 41-S, 42-S and 82-S	C1851	4.95
	32, 40 and 41	C1852	3.95
	41A- and 42-A	C1853	3.95

## REPLACEMENT POWER TRANSFORMERS—Continued

Name of Radio	Model	Stock No.	Your Cost
<b>DAYFAN</b> (General Motors)	A-5005 Series, 4041	C2231	\$4.40
<b>DAYTON, A. C.</b>	Navigator	C2445	4.45
<b>EARL</b>	21 and 22	C2286	\$2.70
	24, 31, 32, 33 and 41	C2287	3.95
	24, 31, 32, 33 and 41, <b>coil only</b>	C2288	1.95
<b>EDISON</b>	R-4, R-5 and C-4	C2251	\$4.40
	R-4, R-5 and C-4, 25 cycle	C2252	6.75
	R-6 and R-7	C2306	4.20
	R-1, R-2 and C-2 (Plate Transformer)	C2350	3.40
	R-1, R-2 and C-2 (Filament Transformer)	C2338	4.50
<b>EVEREADY</b>	1, 2 and 3	C2254	\$2.95
	30 series	C2283	2.85
	40 and 50 series	C2284	2.80
<b>FADA</b>	10, 11, 16, 17, 20, 30, 31 and 32	C2277	\$3.85
	25	C2351	3.95
	35 and 35-B	C2352	3.95
	41, 42, 44, 46 and 47	C2353	3.90
	43	C2354	3.90
	50, 70, 71, 72 for E-420 Power Unit	C2355	3.95
	50, 70, 71, 72 for 180 Power Unit	C2356	3.90
	75 and 77	C2357	3.95
	45 (KU)	C2358	4.25
	RA	C2460	4.40
	RC	C2461	4.90
	RE	C2462	4.40
	KY	C2463	4.40
	KO and KOC; 51, 53, 57	C2464	4.40
	KX	C2465	4.40
<b>FEDERAL</b>	Models D and F	C2459	\$6.50
<b>FREED</b>	55 and 56	C2286	\$2.70
	65, 78, 79, 90 and 95	C2287	3.95
	65, 78, 79, 90 and 95, <b>coil only</b>	C2288	1.95
<b>FREED-EISEMANN</b>	NR-57 and NR-60	C2285	4.40
	NR-80	C2323	4.20
	NR-85	C2321	4.40
	Model NR-11—411 Pack	C2435	6.75
<b>FRESHMAN</b>	"Q" 60 cycle	C2263	\$1.95
	"Q" 25 cycle	C2273	4.95
	"QD" 60 cycle	C2264	4.40
	"QD" 25 cycle	C2274	5.45
	"ERAC" 60 cycle	C2308	4.85
	G-60-S Plate Transformer	C2311	2.70
	N-60-S Power Supply, 60 cycle	C2313	6.50
	N-60-S Power Supply, 25 Cycle	C2314	6.75
	"EAC"	C2349	5.20
	Model H Plate Transformer	C2436	5.95
	Model H Filament Transformer	C2444	2.90
<b>GENERAL ELECTRIC</b>	H-31, H-51 and H-71, 60 cycle	C2156	\$1.65
	H-31, H-51 and H-71, 25 cycle	C2141	2.95
	H-31, H-51 and H-71, 220 volt	C2142	4.75
	T-41, 60 cycle	C2155	1.50
	T-41, 25 cycle	C2143	3.95
	T-41, 220 volt	C2144	4.75
	S-22, S-42, 60 cycle	C2187	2.75
	S-22, S-42, 25 cycle	C2145	3.95
	S-22, S-42, 220 volt	C2146	4.95
	T-12, 60 cycle	C2188	2.25
	T-12, 25 cycle	C2147	3.25
	T-12, 220 volt	C2148	3.70
	K-62, 60 cycle	C2189	3.95
	K-62, 220 volt	C2069	3.75
	H-32, H-72, 60 cycle	C2190	3.95
	H-32, H-72, 60 cycle, 220 volt	C2457	5.95
	J-72	C2118	2.50
	J-80 Series	C2117	3.25
	J-83 and J-87	C2119	2.75
	J-80 and J-85	C2112	3.50
	J-125	C2116	4.75
	J-70-75	C2454	2.25
	J-100, J-107	C2115	3.50
<b>GENERAL MOTORS</b>	"A" Chassis, 120, 130, 140, 150, 160	C2278	\$3.65
	MA and MB Chassis for 110, 180, 190	C2221	2.95
	253, 254, 255, 256, 257, 258	C2222	4.50
	S-1-A, 216, 217, 219, 250	C2219	3.40
<b>GLORITONE</b>	See Apex Listing		
<b>GRAYBAR</b>	311, 60 cycle	C2150	\$1.45
	311, 25 cycle	C2151	3.25
	500 and 550, 60 cycle	C2152	2.75
	500 and 550, 25 cycle	C2192	4.45
	340, 60 cycle	C2153	3.85
	340, 25 cycle	C2191	4.45
	678, RC-3, 60 cycle	C2155	1.50
	678, RC-3, 25 cycle	C2143	3.95
	678, RC-3, 220 volt	C2144	4.75
	600, 60 cycle	C2154	3.85
	600, 25 cycle	C2193	4.95
	700, 770, 900, 60 cycle	C2156	1.65
	700, 770, 900, 25 cycle	C2141	2.95
	700, 770, 900, 220 volt	C2142	3.75
	Midget 8, 60 cycle	C2187	2.75
	Midget 8, 25 cycle	C2145	3.95
	Midget 8, 220 volt	C2146	4.10
	Graybarette No. 4, 60 cycle	C2188	1.65
	Graybarette No. 4, 25 cycle	C2147	3.25
	Graybarette No. 4, 220 volt	C2148	3.70
	GB-9, 60 cycle	C2189	3.95
	GB-9, 25 cycle	C2149	5.25
	GB-9, 220 volt	C2069	5.25
	GB-100, 60 cycle	C2190	3.95
	GB-100, 220 volt	C2457	5.95

# POWER TRANSFORMERS

## 8 Tube Power Transformer 115 Volt—60 Cycle



ping weight 7 lbs.

**C1701—Your Cost Each**

Will supply filament and plate voltages for 5 heater tubes, 2 power tubes (45's or 47's) and one 280 rectifier. Can be used as a general replacement or for the new set builder. Size 2 3/4 x 4 x 3 1/4", mounting centers, 3 1/4 x 2 3/4. Shipping

**\$1.35**

## JEFFERSON Power Compact With Heavy Duty Choke

For 5-'27s, '24s, or '35s, 2-'45s, and 1-'80



Consists of a standard Jefferson power transformer and a heavy duty choke sealed in a compact metal container. 110-120 volts, 50-60 cycle. 700 volts, high voltage at 110 mls., C. T. Size 7" long, 3 1/2" wide, 6 1/2" deep. Bottom brackets for convenient mounting. Shipping weight 19 lbs.

**C1730—Your Cost Special**

**\$2.45**

## STEWART-WARNER Power Transformer

950 Series  
Models 951, 952, 953,  
961, 962, 963

An exact duplicate of the original Stewart-Warner power transformer, both in size and electrical characteristics. Supplies filament and plate voltages for the following tubes: 3-'24s; 2-'27s; 2-'45s and 1-'80. Shipping weight 8 lbs.

**C2272—Your Cost**

**\$3.75**

## 220 Volt to 110 Volt Step-Down Transformer

A dependable transformer for use in stepping 220 volts down 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 1/4 x 3 1/4". For Receivers and Appliances drawing up to 160 watts. Shipping weight 9 lbs.

**C1968—Your Cost**

**\$2.95**

For use with Midget Receivers, Dynamic Speakers, or any other 110-volt appliance that draws up to 80 watts. Shipping weight 6 lbs.

**C1969—Your Cost**

**\$2.15**

## RADIART Variable Step-Down 200-250 Volts to 110-120 Volts

Variable primary. Size 3 1/4 x 3 1/2 x 4" high. Mounting centers 1 1/4 x 3 1/4", 16" lamp cord with female receptacle for 110-120 volt outlet, 5 ft. lamp cord with male plug for 200-250 Input. 160 watts. Shipping weight 9 lbs.

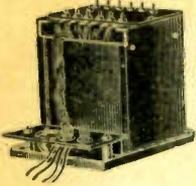
**C1970—List \$7.50**

**Your Cost**

**\$4.40**



**STEINITE**  
**Replacement Power Pack**  
 Models 261, 262



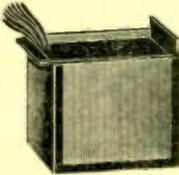
Complete—Power Transformer, Condenser, Chokes and Resistors. Made especially for replacement in Steinite Models 261-262. All contained in a heavy gauge metal case. Terminal board for connections, Bakelite strip with 280 socket. Completely wired.

ready for operation. For any set using 5-26s, 1-27, 2-71s and 1-80 tubes. 110-volt, 60-cycle. Shipping weight 13 lbs.

**C2494—Your Cost Special \$7.50**

**STEINITE Models**

40, 40-A, 40S, 45-A  
 An exact duplicate of the original Steinite power transformer. Utilizing 5-27s; 2-71As and 1-80 tubes. Shipping weight 10 lbs.



**C2276—Your Cost \$3.35**

**General Purpose Power Transformer 5-227S, 2-171AS, 1-280**



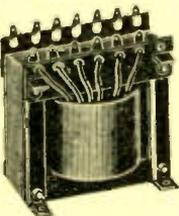
Can be used in Balkeit A3, A5, A7; Fada 16, 17, 20, 32, 50, 70, 71, 72; Crosley 804; Eveready 30 Series, and Steinite 40-A, 45-A. 2½-volt winding for 5-227s, 5-volt winding for 2-171As, 5-volt winding for 280 tube; 285/285 volt at 60 MA. 120-volt primary. Size 4½x3¼x3¼". Mounting centers 2½x2½". Soldering lugs terminate on an insulated strip. Shipping weight 7 lbs.

**C1515—Your Cost \$2.45**

**8 and 9 Tube Receivers Universal Replacement**

For 6 Heater Tubes, 2-45s or 47s and 1-80 Rectifier

This is ideal for general replacement work, it has been used in many of the electric receivers. Can be installed in upright or inverted position. 375/375 volts at 100 MA. 2.5 volts at 9 amps.; 2.5 volts at 3 amps.; 5 volts at 2 amps. For 105-120 volt, 50-60 cycle primary. Size 4½x3¼x4½" high. Mounting centers, 2½x3¼". Shipping weight 9 lbs.



**C1488—List Price \$8.00 Your Cost \$2.75**

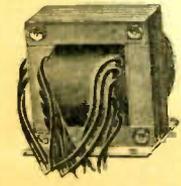
Same as above, except for 220 volt, 50-60 cycle operation. Shipping weight 10 lbs.

**C1474—List price \$10.00 Your Cost \$4.25**

Same as above, except for 105-120 volt, 25 cycle operation. Shipping weight 10 lbs.

**C1473—Your Cost, Special \$3.95**

**General Purpose Replacement for Any Receiver Using 4-26s 1-27, 2-71As, 1-80**



A quality replacement power transformer that can be used in any receiver using the above tubes: Atwater Kent, Crosley, Radiola, Freshman, Kolster, General Motors, Dayfan, Steinite, etc. The flexible color-coded leads are of sufficient length to permit easy and direct wiring. For 110-volt, 60-cycle. Size, 3¾x3½x2½". Shipping weight 6 lbs.

**C1472—Your Cost \$1.75**

Same tube combination as above, except for 25-cycle operation, 110-volt.

**C1471—Your Cost \$2.75**

**REPLACEMENT POWER TRANSFORMERS—Continued**

Name of Radio	Model	Stock No.	Your Cost	
<b>GREBE</b>	SK-4	C2235	\$3.90	
	AC-6	C2234	3.90	
	HS-4, 1-2½ volt Windings	C2223	3.90	
	HS-4, 2-2½ volt Windings	C2224	3.90	
	AH-1	C2228	4.75	
	412 Amplifier	C2229	4.95	
<b>GULBRANSEN</b>	Series 63, AC-6	C2238	\$7.20	
	AC-8	C2315	4.90	
	"C", 9 in Line	C2316	5.25	
	Champion Jr., 7 tube	C2317	6.33	
	Series 13, 7 tube	C2239	3.38	
	Series 20, 10 tube	C2240	3.97	
<b>KELLOGG</b>	K-50, 524, 525, 527 and 528	C2360	\$4.40	
	K-45, 523, 526, 533, 535, 536	C2395	4.50	
<b>KENNEDY</b>	10 and 20	C2359	\$3.40	
	26 and 34	C2390	3.95	
<b>KING</b>	Model J, Transformer-Choke	C2391	\$5.75	
<b>KNIGHT</b>	8/9, Transformer and Choke	C2361	\$4.40	
<b>KOLSTER</b>	K-20, K-21, K-22, K-23, K-25, 60 cycle	C2052	\$4.85	
	K-20, K-21, K-22, K-23, K-25, 25 cycle	C2053	5.95	
	K-24	C2054	5.50	
	K-43 and K-48	C2051	4.70	
	K-44	C2055	6.50	
	6-J and 6-K	C2066	3.95	
	6-L	C2080	4.20	
	International K-60 and K-70	C2067	3.90	
	International K-80 and K-90	C2068	3.90	
	<b>LOFTIN-WHITE</b>	245-247 Amplifier	C2295	\$4.25
		250 p.p. Amplifier	C2294	7.75
<b>MAJESTIC</b>	70, 71, 72, 7-BP6, Plate-Filament	C2125	\$3.95	
	90, 91, 92, 9-BP6, Plate-Filament	C2126	4.40	
	180, 8-BP6, Plate Transformer	C2169	4.25	
	70 Series, Filament Transformer 7-BP6	C2105	.90	
	90-B and 100-B	C2127	4.40	
	Chassis 15: 151, 153, 154	C1491	1.75	
	Chassis 20: 21, 22, 23	C2129	3.95	
	Chassis 60, 160: 61, 62, 163	C2131	3.95	
	Chassis 50: 52	C2132	3.95	
	Chassis 130: 130, 131, 132	C2130	3.95	
	200 Series	C2136	3.95	
	25 Series	C2128	3.95	
	90D, 100B, 25 cycle	C2138	6.25	
	130, 25 cycle	C2139	6.25	
	25, 25 cycle	C2121	6.25	
	50, 25 cycle	C2122	6.25	
	60, 25 cycle	C2123	6.75	
	30	C2110	4.40	
	30, 25 cycle	C2111	6.25	
	35, 351	C2099	4.40	
210, 211, 214, 215	C2098	4.40		
<b>OSZARKA</b>	Model 90	C2090	\$4.40	
<b>PEERLESS</b>	Series 20 Electrostatic	C2140	\$4.75	
	Courier 65: 651, 652 and 653	C2290	2.50	
<b>PHILCO</b>	15	C1909	\$3.25	
	20 and 220	C1955	2.65	
	21	C1910	3.50	
	50	C1951	2.50	
	65	C1956	2.65	
	70	C1957	2.65	
	76 and 77	C1958	2.65	
	86	C1960	2.65	
	87	C1959	2.65	
	90 (2-45s)	C1961	2.65	
	90 (1-47)	C1952	2.65	
	90 (2-47s)	C1953	3.00	
	91-121	C1911	2.85	
	95 and 96	C1962	2.65	
	111 and 211	C1963	2.65	
112 and 212	C1954	2.65		
500 Series (511)	C1964	2.65		
<b>RAULAND-LYRIC</b>	Model S-6	C2438	\$3.50	
<b>RCA-RADIOLA</b>	30-A	C2175	\$4.95	
	17, 18, 33, 50, 51; 60 cycle	C2150	1.45	
	17, 18, 33, 50, 51; 25 cycle	C2151	3.25	
	44, 46, 47; 60 cycle	C2152	2.75	
	44, 46, 47; 25 cycle	C2192	4.45	
	60 and 62; 60 cycle	C2153	2.75	
	60 and 62; 25 cycle	C2191	4.45	
	66; 60 cycle	C2154	3.25	
	66; 25 cycle	C2193	4.95	
	64 and 67; 60 cycle	C2157	5.75	
	64 and 67; 25 cycle	C2198	12.75	
	42 and 48; 60 cycle	C2155	1.50	
	42 and 48; 25 cycle	C2143	3.95	
	80, 82, 86; 60 cycle	C2156	1.65	
	80, 82, 86; 25 cycle	C2141	2.95	
	80, 82, 86; 220 volt	C2142	3.75	
	Superette (8 tube), 60 cycle	C2187	2.75	
	Superette (8 tube), 25 cycle	C2145	3.95	
	Superette (8 tube), 220 volt	C2146	4.95	
	Radiolette (4 tube), 60 cycle	C2148	2.25	
	Radiolette (4 tube), 25 cycle	C2147	3.25	
	Radiolette (4 tube), 220 volt	C2149	3.70	
	R-11, 18 and 18-A; 60 cycle	C2189	3.95	
	R-11, 18 and 18-A; 25 cycle	C2149	5.25	

## REPLACEMENT POWER TRANSFORMERS—Continued

Name of Radio	Model	Stock No.	Your Cost	
<b>RCA-RADIOLA</b> (Continued)	R-11, 18 and 18-A; 220 volt.	C2069	\$3.75	
	R-50, R-55 and RE-20, 60 cycle.	C2190	3.95	
	R-8, R-10, R-12, 60 cycle.	C2112	3.50	
	R-8, R-10, R-12, 25 cycle.	C2113	6.95	
	R-8, R-10, R-12, 220 volt.	C2114	5.40	
	R-71, R-72	C2117	3.25	
	Bi-Acoustic R-78.	C2116	4.75	
	R-4, R-6.	C2454	2.25	
	<b>SONORA</b>	A-31	C2275	\$3.40
	<b>SPARTON</b>	AC-7, 62 and 63	A229	\$2.30
69, 79, 79-A and 89.		A230	3.50	
930.		A228	2.65	
89-A.		A231	7.10	
109 Sparks Ensemble and DeLuxe.		A232	7.10	
101, 110, 111, 574 and 870.		A233	6.95	
589, 591, 593 and 931.		A234	4.05	
301, 564 and 570.		A235	5.75	
600, 610, 620 and 737.		A236	3.95	
410.		A250	3.53	
25 and 26.		A251	3.95	
30.	A252	4.75		
<b>SPLITDORF</b>	M-6 Plate Transformer	A254	\$3.40	
<b>STEINITE</b>	40, 40-A, 405 and 45A	C2276	\$3.35	
	70.	C2217	3.95	
	261, 262, Complete Pack.	C2494	7.50	
<b>STEWART-WARNER</b>	950 Series, 951, 952, 953, 961, 962, 963.	C2272	\$3.75	
	100-A and 100-B.	C2242	3.75	
	515, 516, 715, 801, 801-A, 802.	C2204	3.40	
	102, A, B, E.	C2214	3.40	
	102, A, B, C, 25 cycle.	C2216	5.40	
<b>STROMBERG-CARLSON</b>	10 and 11	C2370	\$4.90	
	12 and 14.	C2282	4.85	
	19 and 20.	C2371	3.95	
	Model 25.	C2218	4.50	
	Model 635, 25 cycle.	C2096	6.95	
	29.	C2372	3.95	
	635 and 636.	C2256	3.85	
	638, 25-60 cycle.	C2249	6.45	
	641, 642, 652, 654.	C2257	3.45	
	846 and 848.	C2258	4.50	
	846 Speaker Transformer.	C2346	3.50	
	Model 635, 636, 25 cycle.	C2439	7.50	
	<b>VICTOR</b>	R-32, RE-45, R-52 and RE-75 (new type).	C2185	\$2.65
15, 14 and 17.		C2155	1.50	
35, 39 and 57, 60 cycle.		C2195	1.65	
35, 39 and 57, 25 cycle.		C2442	5.95	
7-11, 7-25, 7-26 and 17-8, 60 cycle.		C2150	1.45	
7-11, 7-25, 7-26 and 17-8, 25 cycle.		C2151	3.25	
9-18 and 9-54.		C2157	8.75	
R-7AC and 9-54, 25 cycle.		C2198	12.25	
R-7AC.		C2187	2.75	
R-7AC.		C2188	2.25	
R-11.		C2189	3.95	
RAE-59, RAE-79, 60 cycle.		C2190	3.95	
RAE-59, RAE-79, 220 volt, 60 cycle.		C2457	5.95	
<b>WESTINGHOUSE</b>		WR-4.	C2155	\$1.50
		WR-5, WR-6 and WR-7.	C2156	1.65
	WR-10A.	C2187	2.75	
	WR-14.	C2188	1.65	
	WR-15.	C2189	3.95	
<b>TEMPLE</b>	8-60, 8-80, 8-90	C2120	\$3.50	
<b>ZENITH</b>	33, 33X, 34, 34X; ZE-10 Power Unit	A227	\$2.25	
	50-60 and 70 Series; ZE-50, ZE-60, ZE-70 Power Units	C1980	3.95	
	35PX, 35APX, 37A; ZE-18 Plate Transformer.	C1983	3.40	
	Super-Het, 10, 11 and 12, 60 cycle.	C1981	3.25	
	50, 60, 70 Series, 25 cycle.	C1988	6.25	
	90.	C1989	3.90	
	ZE240.	C1978	2.75	
91, 92.	C1984	4.40		
ZE 7 Plate Transformer.	C1985	4.40		

### Power Transformer COLUMBIA Model S. G. 8



An exact duplicate of the original power transformer for the Screen Grid 8 Model of Columbia Radio Corp. Utilizing, 3-24s; 2-27s; 2-45s, and 1-90 tubes. Shipping weight 15 lbs.

C2305  
Your Cost

\$3.95

### SPARTON Power Transformers Models 589, 591, 593 and 931 Sparton No. B2339



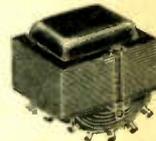
Replacement for the above models utilizing 7-C-484s, or 485s; 2-C, 182s or C-183s, and 1-C-280 tubes. Shipping weight 10 lbs.

A234—  
Your Cost \$4.05

# POWER TRANSFORMERS

## Midget Replacement Power Transformer for 4 and 5 Tube Receivers

Here is a midget power transformer that can be used for replacement in many of the 4 and 5 tube midget receivers. Flush mounting type. Has the following windings: 2½ volts at 7 amps; C. T. 5 V. at 2 amp. 340/340 volts at 50 M. A. 115 V. 50-60 cycle primary. Mounting centers, 2½x2". 4 lbs. C2431—Your Cost



Size 3x2½x1¾". Shipping weight 4 lbs. **90¢**

## Power Transformer for 8 Tube Receivers



Here is a universal flush mounting type transformer, for replacement in receivers using up to 9 tubes. Equipped with leads and soldering lugs. Extra heavy windings: 2.5 V. at 8.5 amps. 2.5 V. at 3 amps. 5 V. at 2 amp. 340/340 high voltage at 90 M. A. 115 V. 50-60 cycle primary. Size 3¼x3¼x2¼", mounting centers 2½x3½". Shipping weight 8 lbs.

C2430—Your Cost **\$1.85**

## THORDARSON High Power Transformer

For Two '50s, or '10s and Two '81s  
2½ Volts at 7 Amperes

Thordarson High Power Transformer is cased and fully shielded and furnishes "A," "B" and "C" current to 2-'50s or '10s and filament and plate voltages to a receiver. Delivers 1100 volts A. C. at 150 mills., 7½ V. at 3 amps., 2½ V. at 7 amps. All connections brought out to a bakelite terminal strip at bottom. All windings are center-tapped. Operates on 100-130 volts, 50-60 cycle A. C. current, tested at 2500 volts. Size 5x4x4½". Shipping weight 12 lbs.



A226—Your Cost Each **\$3.95**

## THORDARSON T-3740

This power transformer has been selected by many of the set manufacturers as standard equipment. A unit of the better type. Made to give service. A sub-panel mounting unit for heater type tubes and 245s in push-pull. It has secondaries as follows: No. 1—2.5 volts at 9 amperes with C. T. (5 heaters); No. 2—2.5 volts at 3 amperes with C. T. (2-245s); No. 3—750 volts with C. T. at 110 milliamperes (high voltage); No. 4—5 volts at 2 amperes (280 fil.). Overall dimensions, 3¼x3¼x5½" high. Shipping weight 10 lbs.

A223—List \$6.00  
Your Cost **\$3.53**

# Trutest De Luxe AUDIOS

## The Most Comprehensive Line of DELUXE AUDIO EQUIPMENT AVAILABLE

Utilizing Only the Finest Quality Materials and Workmanship



layer wound and carefully unheated of.

The excellent performance of Trutest DeLuxe Audio Equipment is due to intelligent design, unusual care in manufacture and selection of high quality material. Special high quality steel is used in the core laminations and a coil structure is employed which provides low distributed capacity, low capacity coupling and a high coupling factor. In all cases where a tap is brought out, it is done between sections and never from within the winding. Coils are

Core steel is treated for maximum magnetic value. Dimensional accuracy of laminations and assembly insures complete freedom from the perplexing hum caused by even a slight irregularity in these respects. Maintenance of such high standards of material and workmanship is possible through our policy of laboratory controlled production. Our engineers are responsible for factory production as well as design. Shielded in a heavy gauge steel case, having a pleasing black shroud finish indicative of their quality. Size  $2\frac{1}{4} \times 2\frac{1}{2} \times 3\frac{1}{2}$ ". Average shipping weight 3 lbs.



- Inter-Stage Audios**
- C1580**—1st Stage Audio, DeLuxe, ratio  $3\frac{1}{2}$ :1. **Your Cost** **\$2.25**
- C1579**—Push-pull Input, DeLuxe, ratio  $2\frac{1}{2}$ :1. **Your Cost** **\$2.40**
- C1582**—Push-pull Plates to push-pull grids, ratio 1.75:1. **Your Cost** **\$2.45**
- C1577**—Push-pull Input, split secondaries, isolated, ratio 1.75:1. **Your Cost Each** **\$2.75**

- Filter Chokes—Reactors**
- C1939**—Audio Filter and Parallel Feed Choke, 100 henrys, 3 M. A. D. C. resistance 6000 ohms. **Your Cost** **\$1.25**
- C1940**—Filter Choke, 25 henry, 25 M. A. 830 ohms D. C. resistance. **Your Cost** **95c**
- C1941**—Filter Choke, 11 henry, 60 M. A. 300 ohms D. C. resistance. **Your Cost** **75c**
- C1942**—Filter Choke, 20 henry, 50 M. A. 600 ohms D. C. resistance. **Your Cost** **85c**

- DeLuxe Screen Grid Audio Coupler**
- Used to couple a screen grid detector to an audio tube. Gives three times the amplification of resistance coupling. Size  $3\frac{1}{2} \times 2\frac{1}{2} \times 2\frac{1}{2}$ ". Shipping wt. 3 lbs. **Your Cost** **\$2.25**
- C1594**—**Your Cost** **\$2.25**

- DeLuxe Scratch Filter**
- Practically eliminates needle scratch, has binding posts and tip jacks for connection to pickup and amplifier. Shipping wt. 3 lbs. Size  $3\frac{1}{2} \times 2\frac{1}{2} \times 2\frac{1}{2}$ ". **Your Cost Special** **\$1.75**
- A118**—**Your Cost Special** **\$1.75**

- Tube-to-Line Transformers**
- These units are used to couple the output stage of the amplifier with a 200 or 500 ohm line which distributes power to other amplifiers or the reproducers.
- C1591**—Two 43, 171A, 250 or 245 type tubes to 500 ohm line, 15 ohm winding for voice coil or monitor. **Your Cost** **\$3.45**
- C1592**—Two 18, 20, 33, 41, 42, 47, 59, 2A5 type tubes to 500 ohm line, 15 ohm winding for voice coil or monitor. **Your Cost** **\$3.45**
- C1593**—Operating out of General purpose tube to 500 and 200 ohm lines. **Your Cost** **\$3.45**
- C1943**—Two 2A3 type tubes to a 250, 500, 1000 ohm line. **Your Cost** **\$2.95**

- Mixer Transformers**
- C1587**—Input, two button microphone, 200 ohm to grid of tube. **Your Cost** **\$1.95**
- C1590**—Input, two button microphone, 200 ohm to 500 ohm line. **Your Cost** **\$2.75**
- C1598**—Input, two button microphone, 200 ohms to a 50 ohm output. For using four microphones with four of these transformers; with secondaries in series feeding into a 200 ohm line. **Your Cost** **\$2.75**
- C1944**—Velocity ribbon microphone to a 200 and 500 ohm line. **Your Cost** **\$2.95**
- C1936**—50, 200, 500 ohm line to 50, 200, 500 ohm line. **Your Cost** **\$2.95**
- C1937**—Universal line to grid of a tube. **Your Cost** **\$2.75**

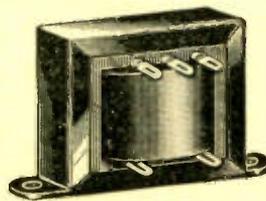
- Output Coupling Transformers**
- C1930**—Single 171A-245-43 output to a dynamic speaker 2-8-15 ohm voice coil. **Your Cost** **\$1.95**
- C1584**—Push-Pull 245-171A-43-50 output to a dynamic speaker 2-8-15 ohm voice coil. **Your Cost** **\$2.25**
- C1931**—Single 18-20-33-41-42-47-59-2A5 output to a high impedance magnetic speaker. **Your Cost** **\$1.75**
- C1933**—Single 18-20-33-41-42-47-59-2A5 output to a dynamic speaker 2-8-15 ohm voice coil. **Your Cost** **\$1.75**
- C1585**—Push-Pull 18-20-33-41-42-47-59-2A5-79 (Class B) output to a 2-8-15 ohm voice coil of a dynamic speaker. **Your Cost** **\$2.25**
- C1588**—Single 250 output to a dynamic speaker 2-8-15 ohm voice coil. **Your Cost** **\$1.95**
- C1589**—Push-Pull 250 output to a dynamic speaker 2-8-15 ohm voice coil. **Your Cost** **\$2.25**
- C1934**—Push-Pull 2A3-48 output to a dynamic speaker 2-8-15 ohm voice coil. **Your Cost** **\$2.25**
- C1945**—Single 2B6 output to a dynamic speaker 2-8-15 ohm voice coil impedance. **Your Cost** **\$2.25**
- C1935**—Push-Pull 2B6 output to a dynamic speaker 2-8-15 ohm voice coil. **Your Cost** **\$2.25**
- C1946**—Push-Pull Class B 59s output to a dynamic speaker 2-8-15 ohm voice coil. **Your Cost** **\$2.25**
- C1947**—Push-Pull Class B 49s (Class A 38s) to a dynamic speaker 2-8-15 ohm V. C. **Your Cost** **\$2.25**

## Trutest Standard Replacement Audios and Chokes

This complete line of TRUTEST Replacement Audios, Outputs and Chokes, has been very popular with the radio servicemen in their daily work of replacing defective audio parts of radio receivers. Only the best material and workmanship is used in construction of these transformers. TRUTEST replacement Audios and Chokes are of medium size, semi-open form, with strap mounting and bottom plate, cadmium plated. Average size  $3\frac{1}{4} \times 2\frac{1}{4} \times 1\frac{1}{2}$ ". Mounting centers, spaced  $2\frac{1}{8}$ ". Shipping weight 3 lbs.

### Outputs

- C1553**—Output, Single '45 type tube to a 5-15 ohm voice coil of dynamic speaker. **Your Cost** **75c**
- C1554**—Output Push-Pull '45s type tubes to a 5-15 ohm voice coil of dynamic speaker. **Your Cost** **85c**
- C1555**—Output, Single Pentode '47 to a 5-15 ohm voice coil of dynamic speaker. **Your Cost** **79c**
- C1556**—Output, Push-Pull Pentodes, to a 5-15 ohm voice coil of dynamic speaker. **Your Cost** **85c**
- C-564**—Output, Push-Pull, 49's Class B, 238 to a 5-15 ohm voice coil of dynamic speaker. **Your Cost** **75c**



### Audios

- C1550**—Audio, either stage of straight audio amplification. Ratio 3 to 1. **Your Cost** **79c**
- C1551**—Push-pull Input, from single plate to 2 grids. Ratio 2.5:1. **Your Cost** **85c**
- C1552**—Push-pull Inter-stage, between 2 plates and 2 grids. Ratio 1.75:1. **Your Cost** **\$1.05**
- C1562**—Push-pull Input, Split Secondaries (Isolated), between 1 plate and 2 grids. Ratio 1.75:1. **Your Cost** **\$1.20**

### Phonograph and Microphone Matching Transformers

- C1559**—Phonograph Pick-up transformer 3000 ohms to grid of tube. **Your Cost** **\$1.20**
- C1560**—Single Button Microphone transformer, 200 ohms. **Your Cost** **\$1.05**
- C1561**—Double Button Microphone transformer, 200 ohms each side of center-tap. **Your Cost** **\$1.25**
- C1563**—Input- Pick-up to grid; Primary impedance 500, 1000, 2000, and 4000 ohms. **Your Cost** **\$2.25**

### Filter Chokes

- C1557**—Choke, 25 henry at 25 M. A. D. C. resistance of 830 ohms. **Your Cost** **59c**
- C1558**—Choke, 11 henry at 60 M. A. D. C. resistance of 300 ohms. **Your Cost** **59c**
- C1569**—Choke, 30 henry at 75 M. A. D. C. resistance of 175 ohms, shielded. **Your Cost** **95c**
- C1570**—Choke, Heavy Duty, 30 henry at 125 M. A. D. C. resistance of 200 ohms. **Your Cost** **\$1.05**



# RADIO FREQUENCY CHOKES

## NATIONAL Short-Wave R. F. Choke

D. C. resistance 50 ohms, distributed capacity 1 mmf., inductance  $2\frac{1}{2}$  M. H., current rating 125 M. A.  
N14429—List 75c  
Your Cost **45c**

### NATIONAL



90 M.H. choke suitable for short-wave or broadcast work. Shipping weight 6 ozs.  
N14422—Your Cost **75c**  
Short-wave choke, National No. 92  
N14423—Your Cost **42c**

### VICTOR

#### Antenna Choke Models R32, RE45, R52, RE75.

Victor part No. 10444. 150 turns No. 34 wire wound on wooden spool.

H10122—Your Cost Each **10c**  
Per Doz **\$1.00**

### Shielded Choke

Made by General Communications Lab.



24 mh. R. F. choke, shielded, for general use short wave and broadcast receivers. Effective range extends from 600 K.C. to 20,000 K.C. distributed capacity 12.5 mmf. D. C. resistance 145 ohms. Current carrying capacity 40 M. A. Real inductance is 24.5 M. H. Fully shielded in drawn aluminum shell.  $1\frac{1}{4}$ " high,  $1\frac{1}{4}$ " diameter. Shipping weight 1 lb.

H10119—Your Cost **75c**



## Trutest Chokes

R. F. Chokes are essential to the proper operation of radio frequency circuits. Together with by-pass condensers they keep the radio frequency currents in their proper paths, thus helping to prevent feedback where it is not wanted, and to stabilize the circuit. Lattice wound, small in size and easily mounted these chokes fulfill a real need.

H10100—8 Millihenries **22c**  
Your Cost  
H10101—16 Millihenries **29c**  
Your Cost  
H10104—6 Millihenries **20c**  
Your Cost  
H10105—2.2 Millihenries **15c**  
Your Cost  
H10102—5.5 Millihenries **19c**  
Your Cost

## MAJESTIC R. F. Chokes 85 Millihenries

This is a popular sized radio frequency choke, that can be used for a multitude of purposes, in many circuits and hook-ups, as well as for a replacement in any set.



H10049—Your Cost Each **12c**

## MAJESTIC I. F. Coils

Can be used in Majestic and other receivers requiring I. F. transformer coils of these specifications. For all 175 K.C. intermediates. Rated inductance of 40 mh. each section. Accurately wound on an isolantite tube. Perfectly insulated.  
H10048—Your Cost **25c**



## HAMMARLUND

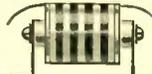


Genuine helical winding in a moulded form. Large inductance with minimum of distributed capacity. For plate circuits and grid returns. Will

pass 60 M. A. 85 M. H., a capacity of 3 mmf. D. C. res. of 215 ohms.  
H18525—Your Cost **\$1.17**  
250 M. H. a capacity of 2 mmf. D. C. resistance, of 420 ohms.  
H8526—Your Cost **\$1.32**

## HAMMARLUND

### Isolantite Radio Frequency Choke



Low loss choke designed chiefly for short wave receivers and transmitters. No metal screw passes through choke to increase losses and distributed capacity size  $1\frac{1}{2} \times \frac{3}{8}$ ". Inductance 8 millihenries. D. C. resistance 70 ohms. Distributed capacity 3 mmf. Max. current 125 mils.  
H8524—Your Cost Each **65c**

## HAMMARLUND Improved Shielded R. F. Choke



This choke is completely shielded in an aluminum shell. Size  $1\frac{1}{4} \times 1\frac{1}{8}$ " diameter. Connections on the side of the can. Inductance 10 M. H. D. C. resistance 65 ohms. Max. current 100 mils. Code CH-10-S.

H8523—Your Cost **59c**

## Wood Core R. F. Choke



A series of radio frequency chokes wound on wooden cores. These highly efficient chokes are wound with silk covered enameled wire and are suitable for use in any type of receiver, either short wave or broadcast. They are easily mounted and very compact. Only a limited quantity of each size is available and at these very low prices it will pay you to order a quantity.

H10111—16 Millihenries **15c**  
Your Cost  
H10112—10 Millihenries **12c**  
Your Cost  
H10113—8 Millihenries **10c**  
Your Cost

## BUDD R. F. Choke



This little, compact and efficient radio frequency choke coil which has a very low minimum distributed capacity and which is available in 80 millihenries inductance for general use in broadcast and short wave receivers.

H10121—Your Cost **58c**

## RCA-RADIOLA R. F. Filter Coil With Condensers

Models 44-46-47



Genuine replacement Part No. 6000. Comprising Micarta strip with 3 terminals, 2 by-pass condensers, 1 R. F. Filter Coil and mounting bracket. Can be used in any receiver, especially suitable for Screen Grid Audio Coupler units. Shipping weight 1 lb.

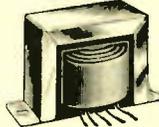
C2004—Your Cost **35c**

## RAULAND Laboratory R-500 Audio Transformer



High amplification with exceptionally uniform response throughout the audio-frequency band makes this a high-class audio for all types of amplification. Ratio  $3\frac{1}{2}$  to 1. Size  $2\frac{1}{2} \times 2\frac{1}{4} \times 3\frac{3}{8}$ " high. Shpg. wt. 4 lbs.  
C2265—Your Cost, Special **95c**

## Voice Coil to Line Matching Transformer



Universal matching transformer to match 2-4-8-15 ohm voice coil to 250-500 ohm line. Shpg. wt. 1 lb.  
C1626—Your Cost **\$3.25**

## Trutest Midget 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  $1\frac{1}{2} \times 1\frac{1}{8}$ ". Mounting centers  $2\frac{3}{8}$ " apart.

### Transformers

C1619—Interstage audio, ratio  $3\frac{1}{2}$  to 1. **69c**  
Your Cost  
C1620—Push-pull Input, ratio  $1\frac{1}{2}$  to 1. **79c**  
Your Cost  
C1607—Single Output: 45, 48, 71A, 43, etc., to 5-15 ohm voice coil. **75c**  
Your Cost  
C1609—Single Output: 47, 59, 33, 2A5, 89, 31, 20, 42, 18, etc., to 5-15 ohm voice coil. **75c**  
Your Cost  
C1614—Push-pull Output: 45, 48, 71A, 43, etc., to 5-15 ohm voice coil. **75c**  
Your Cost

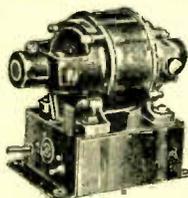
C1615—Push-pull Output: 47, 59, 33, 2A5, 89, 31, 20, 42, 18, etc., to 5-15 ohm voice coil. **75c**  
Your Cost

### Chokes

C1601—10 Henry Choke. Resistance 200 ohms, 50 M. A. maximum D. C. **42c**  
Your Cost  
C1602—11 Henry Choke. Resistance 250 ohms, 65 M. A. maximum D. C. **45c**  
Your Cost  
C1603—13 Henry Choke. Resistance 350 ohms, 50 M. A. maximum D. C. **45c**  
Your Cost  
C1604—20 Henry Choke. Resistance 500 ohms, 35 M. A. maximum D. C. **48c**  
Your Cost

# ROTARY CONVERTORS

## JANETTE Rotary Converters



These sturdy and efficient Converters permit the operation of A.C. radios, small electrical appliances, etc., from a direct current source. They are equipped with a special filter which prevents converter interference from reaching the radio. If the converter is not for use with radio and filter is not desired, deduct \$7.00 from price. The 80-watt size will operate all midget sets and small electric motors. The 110-watt size will operate radios up to 9 tubes; the 150-watt size, for larger receivers and those using '50 type power tubes and the 300-watt size will operate any ordinary public address amplifier or vacuum cleaners, washing machines, heating pads and similar apparatus.

Stock No.	Output Watts	Input Amps.	Your Cost	Stock No.	Output Watts	Input Amps.	Your Cost
<b>32V D. C. to 110V, 60 Cycle A. C.</b>				<b>110-115V D. C. to 110V, 60 Cycle A. C.</b>			
Y19806	80	5.4	\$30.92	Y19807	80	1.5	\$30.92
Y19800	110	6.5	36.59	Y19803	110	1.9	36.59
Y19801	150	8.5	41.86	Y19804	150	2.4	41.86
Y19802	300	15	53.65	Y19805	300	4.0	49.88
<b>6 Volt D. C. to 110 Volts 60 Cycle A. C.</b>							
Y19808	30	14 Amp.	\$28.49	Y19818	60	22 Amp	\$45.43



# RCA-Radiola-Victor Replacement Audios & Chokes



## Brand New—RCA—Victor Push-Pull Input and Output Transformer for RCA

Models 80, 82 and 86, Victor R-35, 39 and 57, G. E. H-31, H-51, H-71.



Exact duplicate of the original replacement part No. 8554, and No. 61151. Consists of one push-pull input and one push-pull output transformers in one can. Voice coil impedance 8-10 ohms. ALL BRAND NEW MERCHANDISE IS USED IN MAKING UP THIS REPLACEMENT

Shipping weight 5 lbs. C1998—**Your Cost Each \$1.50**

## RCA Model 42 and 48

Transformer and Capacitor Block



For Victor Models 14, 15 and 17; G. E. T-41; Graybar 678; RC-3; and Westinghouse WR-4. Genuine replacement No. 8608. Consists of filter condensers and coupling reactor in metal container. Shpg. wt. 5 lbs.

B1021—List \$12.00 **Your Cost \$3.75**

## RCA-Radiola R. F. Filter Coil With Condensers

Models 44-46-47



Genuine replacement Part No. 6000. Comprising Micarta strip with 3 terminals, 2 by-pass condensers, 1 R. F. Filter Coil and mounting bracket. Can be used in any receiver, especially suitable for Screen Grid Audio Coupler units. Shipping weight 1 lb.

C2004—**Your Cost \$3.50**

## Radiola Single Audio Radiola Models 60 and 62 Brunswick 3NC8—



SNC8 Graybar Model 60 This is the genuine Radiola Part No. 5805, single audio stage for the above model receivers. Shipping weight 1 lb.

C2173—List \$4.80 **Your Cost \$9.50**

## Double Audio Transformer Assembly

For Models 16, 17, 18, 33, 41, 50 and 51

Duplicate of RCA No. 5667. Two audios in one case. Brand new. Shpg. wt. 3 lbs. C2005—**Your Cost \$1.30**

## Intermediates Radiolas 60, 62, 64, and 66



Here is the genuine "I. F." Transformer for the Radiola Models, each has been peaked at its correct frequency at the RCA Factory. Our supply is limited. Shipping weight 8 oz.

For Radiola Models 60, 62, 64 1st, 2nd, 3rd, "I. F." Transformer. (RCA No. 8342.) C2164—**Your Cost Each \$1.35**

For Model 66 1st, and 2nd "I. F." Transformer. (RCA No. 8481.) C2165—**Your Cost Each \$1.65**

3rd "I. F." Transformer. (RCA No. 8482.) C2166—**Your Cost \$1.95**

For Model 67 1st intermediate stage, RCA 8481. C2165—**Your Cost \$1.25**

2nd intermediate stage, RCA 8499. C2161—**Your Cost \$1.25**

3rd intermediate stage, RCA 8500. C2162—**Your Cost \$1.95**

## Genuine Push-Pull Inter-Stage and Push-Pull Output Audio Assembly

RCA-Victor Models R-50, R-55, RE-20, RAE-59 and RAE-79. G. E. Models H-32 and H-72. Graybar Model GB-100, RCA No. 8711



Consists of a push-pull inter-stage audio, primary 2300 ohms center-tapped, secondary 7600 ohms center-tapped. Output, push-pull audio, primary 600 ohms center-tapped, secondary, 10 ohms. Can be used with any receiver or power amplifier using p.p. pentodes in the output stage to the voice coil of a dynamic speaker. Unusually small in size, 3 3/4" high, 2x2 3/4". Metal container, completely shielded and pitched against moisture. Crimping lugs for easy wiring. Shipping weight 5 lbs.

C2001—**Your Cost \$1.95**

## Audio Assembly for RCA

Victor Models R-7, R-9 Superette; G. E. S-22



Exact duplicate of No. 7239. Consists of a P.P. input and P.P. output transformer in a metal container. For sets using P.P. 45S. Shpg. wt. 3 lbs.

C1994—List \$6.00 **Your Cost \$2.25**

## For R-7A Superette

G. E. S-22A; Using P.P. 47S. Similar in appearance to above. Exact duplicate of the original. Consists of P.P. input and output. Shpg. wt. 3 lbs. C2098—**Your Cost \$2.25**

## RCA Photo-Cell Matching Transformer



Consists of a single winding, of 4000 ohms, tapped at 10 and 130 ohms. Can also be used as phonograph pickup matching transformer, such as used on the RCA T-5 Electrola end table combination. Shpg. wt. 2 lbs. A180—**Your Cost Special \$1.95**

## RCA Radiola Audio Transformer

For Models RR, RX, R3, R3A, R4, R7B, R9, R20 and R-30-A, Part No. 557-2182



The genuine replacement audio transformer to be used in the first or second stage of any battery, D. C. or A. C. receiver. Universal mounting. Ratio 3:1. Primary 1000 ohms, secondary 5500 ohms, D. C. resistance. Size, 3x1 1/4 x 1 1/4". Shipping weight 2 lbs.

C2006—**Your Cost Each \$2.90**  
Per Dozen \$3.25

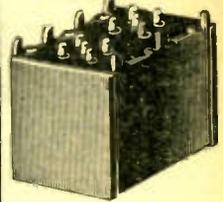
## Coupling Reactor



RCA Models 44, 46 and 47 Used to couple a Screen Grid Detector to a power output tube. About 700 h. at 3 ma. D. C. resistance 6000 ohms. Shipping weight 2 lbs.

C-2000—**Your Cost \$1.75**

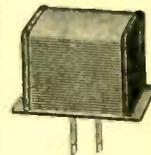
## Brand New Victor Push-Pull Input and Output Transformer for Models R-32, R-52



RE-45  
RE-75

Exact duplicate of the original Victor transformer. ONLY BRAND NEW MERCHANDISE USED IN ITS CONSTRUCTION. Input: pri.—2000 ohms, sec.—16,000 ohms. Output: pri.—500 ohms, sec.—6 ohms to voice coil. Shpg. wt. 5 lbs. C1965—**Your Cost Each \$1.50**

## RCA Filter Choke



30 Henry—150 Ma. Models 64 and 67. Genuine replacement choke, Part No. 5867, D. C. res. of 300 ohms. Size 3 1/4 x 2 3/4 x 3". Shpg. wt. 5 lbs. A182—List \$8.90

**Your Cost \$2.25**

For 105 Loudspeaker Similar in appearance to above, D. C. resistance 1000 ohms.

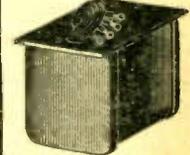
A183—List \$6.75 **Your Cost \$1.65**

## Output Coupling Unit

Victor Models 9-18, 9-54 Similar in appearance to above, except larger in height. Combines a reactor, impedance matching transformer and two by-pass condensers. Shpg. wt. 8 lbs.

A184—**Your Cost Each \$3.75**

## RCA Output Transformer

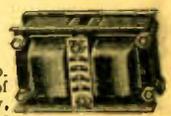


46-47-66 The Official RCA part No. 6019 for the above models, new and guaranteed. Can be used in RCA 106

speaker by addition of two .1 mfd. condensers across line. Shipping weight 3 lbs. Primary 350 ohms, secondary 6 ohms. C2170—**Your Cost \$3.50**  
For use with 106 A. C. Loudspeaker, containing the two .1 mfd. condensers. RCA part No. 5899 C2186—**Your Cost \$5.50**

## RCA Double Choke

For Model 30-A 60 Henry—150 Ma. RCA Part No. 8275, consists of two 30 Henry, 150 MA. chokes mounted in a metal housing. D. C. resistance of each section is 400 ohms. Shipping weight 8 1/2 lbs. C1574—**Your Cost Special \$1.50**



**NOTE**  
A complete tabulated listing of RCA-Radiola power transformers will be found on page 92, 93. Complete list of Filter Condenser Blocks on page 105.

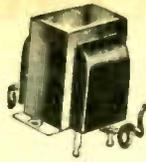
# Guaranteed Replacement Audio and Output Transformers

**Genuine**  
**PHILCO**  
**Replacements**

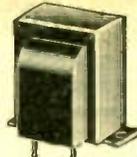
Shipping weight 3 lbs.



Single or  
P. P. Input



Single or  
P. P. Output



Chokes

Straight Audio

Straight Audio				Single or P. P. Input			Single or P. P. Output			Chokes		
Philco Models	Part No.	Stock No.	Your Cost	Part No.	Stock No.	Your Cost	Part No.	Stock No.	Your Cost	Part No.	Stock No.	Your Cost
20-220	x	x	x	4232	C1738	\$1.18	2766	C1746	\$1.05	4231	C1750	\$0.90
65	x	x	x	3242	C1740	.90	2766	C1746	.95	4951	C1751	.95
70-270	x	x	x	x	x	x	2673	C1749	1.10	4951	C1751	.95
76-77	x	x	x	3872	C1741	1.25	2766	C1746	1.05	3422	C1752	1.20
82-86-87	3241	C1744	\$1.65	3242	C1740	.80	2766	C1746	1.05	3472	C1736	.65
90-90A	x	x	x	4952	C1742	1.65	2766	C1746	1.05	4951	C1751	.95
90-90A	x	x	x	x	x	x	2673	C1749	1.05	4951	C1751	.95
95-96-296	x	x	x	3537	C1743	1.50	2766	C1746	1.05	3422	C1752	1.20
111-112	x	x	x	3537	C1743	1.50	2766	C1746	1.05	3422	C1752	1.20
600 Series	3077	C1745	1.35	x	x	x	x	x	x	4951	C1751	.95
41-42 D. C.	x	x	x	3872	C1741	1.25	2848	C1748	1.25	3422	C1752	1.20

**CROSLLEY 706**  
**P. P. Input and**  
**1st Audio**  
**No. 5315**



A replacement Audio and P. P. Input made expressly for use in Crosley Models 32, 40, 41, 41A, 42, 704 and 706. No changes necessary to install this unit, made exactly as the original, fits the chassis the same.

Diagram of hookup furnished with each transformer. Shpg. wt. 3 lbs.

C1892—  
Your Cost Special **\$2.15**

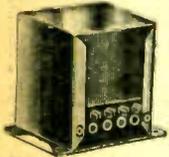
★ **SPECIAL!**  
**Audio Transformer**

Here is something every radio serviceman needs for his ordinary day's work; a good replacement audio transformer. Unit is fully shielded, and has an extra heavy core. Primary 1000 ohms, secondary 3000 ohms D. C. resistance. Shpg. wt. 3 lbs.



C1914—Your Cost Special **\$3.95**

**EDISON Audio Transformer**



C2300—Your Cost **\$5.95**

Made for replacement in Edison Receivers. Can also be used for other sets. Straight Audio Transformer, size 3 1/2 x 2 1/4 x 2 1/2. Shpg. wt. 2 lbs.

**P. P. Input Split Secondaries**

Similar in appearance to above, except has terminal connections on bottom. A quality P. P. Input Audio, isolated secondaries. Shipping weight 3 lbs.

C2389—Your Cost **\$1.25**

**MAJESTIC Push-Pull Input**



MODELS 70, 71, 72, 90, 91, 92, 100

Designed according to specifications of the original Majestic part. Fully shielded, brand new and guaranteed. Shipping weight 4 lbs.

C2109—Your Cost **\$9.00**

**MAJESTIC Audio**

Replacement for models 70 series, and 90 series. Straight Audio Transformer. An exact duplicate of the original. No changes necessary to install this unit. Shpg. wt. 4 lbs.

C2490—Your Cost Each **\$7.50**

**KOLSTER Double Audio Transformer**

For Models K-20, K-21, K-22, K-25

This is the Genuine Kolster Double Audio used in the above model receivers. Also makes a very good general replacement twin audio. Size 3 1/2 x 3 1/4 x 2". Shpg. wt. 3 lbs. Provided with crimping lugs for chassis or subpanel mounting. Shpg. wt. 4 lbs.

C2062—Your Cost **\$1.45**

**ZENITH Push-Pull Interstage Audio**

For 50, 60, 70 Series

A quality replacement Audio for the Zenith models. Couples the plates of two '27 tubes to the grids of two '45s. Shpg. wt. 3 lbs.

C2259—Your Cost **\$2.95**



**BISBY Output Transformer**



For sets using a magnetic speaker. Protects the speaker coils from burnout. Has 12" cord with tipped ends for attachment to set output, and pin jacks for attaching speaker. Shpg. wt. 2 lbs.

C2458—Your Cost **\$5.95**

**Genuine ATWATER KENT Audio Transformers**



**Atwater Kent Model 67 Audio Transformers**

Part No. 14640, an exact duplicate of the original A. K. part. Contains 1st Stage Audio and P. P. Input Transformer. Shipping weight 5 lbs.

C2243—Your Cost Each **\$2.95**



All are brand new and guaranteed. This includes all models up to 1930. Models 44, 45, 52, 56, 57. 2nd Audio Stage Part No. 7661. Shipping weight 2 lbs.

C2328—Your Cost Each **\$7.50**

Model 43. 1st Audio Stage. Part No. 14016.

C2329—Your Cost Each **\$7.50**



For all Battery and Early Electric Sets. 1st or 2nd stages. Shipping weight 2 lbs.

C2289—Your Cost Each **\$4.95**

Models 41, 44, 45, 46, 47, 52, 53, 56, 57. 1st Audio Stage Part No. 13276.

C2326—Your Cost Each **\$4.95**

Models 46, 47, and 53. P. P. Input.

C2327—Your Cost Each **\$5.95**

Model 43 P. P. Input Part No. 14013.

C2330—Your Cost Each **\$5.95**

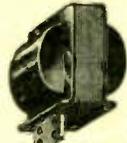
For Atwater Kent Models 55, 55C, 60, 60C Similar in appearance to model on the left. Consists of a push-pull input and push-pull output transformer in one case. Exactly duplicates the original. Shipping weight 5 lbs.

C2492—Your Cost Each **\$2.45**

**GREBE Phono Matching Transformer**

Used to match a low impedance magnetic pick-up to any type input of Radio or power amplifier. Single winding, tapped at 150, 300 and 1100 ohms D. C. resistance. Size 2 1/4 x 1 1/2 x 2 1/4". Has terminal board that protrudes through subpanel. Shipping weight 2 lbs.

C2237—Your Cost **\$9.50**



**STROMBERG CARLSON Audio Transformer**

Models 641, 642, 652, 654, 846, and 848

Made exactly like the original Stromberg-Carlson part. Used in the above sets. Shpg. wt. 2 lbs.

C2331—Your Cost **\$1.25**



**EARL and FREED Audio Transformers**



The official audio transformer for Earl Model 41 and Freed Model 95 Receivers. Shpg. wt. 3 lbs.

C2296—Your Cost Each **\$1.40**

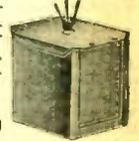
C2297—Push-Pull input for above models. Shipping weight 4 lbs. Your Cost **\$1.75**

**GENERAL MOTORS Model "A" Chassis**

**P. P. Input**

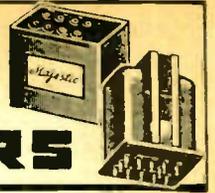
Fits the chassis exactly like original. Made expressly for Models 120, 130, 140, 150 and 160. Shpg. wt. 3 lbs.

C2298—Your Cost **\$1.60**





# Majestic *Exact* Replacements **POWER TRANSFORMERS**



### Plate Transformers 70 Series 7 BP 6 Power Pack

Brand new, made by Majestic. Part No. 67. Shipping weight 6 lbs.  
**C2104—Your Cost \$90<sup>c</sup>**

### Filament Transformer for 70 Series 7 BP Power Packs

Similar in appearance to above. Original Majestic Part No. 61. Brand new. Shipping weight 6 lbs.  
**C2105—Your Cost \$90<sup>c</sup>**

### Plate Transformer for MAJESTIC 8 BP6 Pack Model 180

Designed according to the original Majestic Plate Transformer for use in the above models. Has a 15 volt filament winding for 2-81s; and high voltage secondary. 90 volt primary. Shipping weight 9 lbs.  
**C2169—Your Cost \$4.25**

### MAJESTIC 90-B and 100-B

Made exactly like the original Majestic part. Both filament and plate transformer in one container. Set utilizes 5-27s; 2-45s and 1-80 tubes. Shipping weight 15 lbs.  
**C2127—Your Cost \$4.50**

### Filament & Plate Transformer 90 Series

90 Series 9 BP 6 Power Packs  
Original Majestic Part No. 436. Brand new and guaranteed. Shipping weight 15 lbs.  
**C2100—Your Cost \$2.90**

### Choke for 70 Series 7 BP 6 Power Pack

Original Majestic Part No. 66. Brand new and guaranteed. Shipping weight 8 lbs.  
**C2101—Your Cost \$95<sup>c</sup>**

### Double Choke for 180 Series 8 P6 Power Pack

Similar in appearance to above. Original Majestic Part No. 626. Shipping weight 8 lbs.  
**C2102—Your Cost \$95<sup>c</sup>**

### Double Choke for 90 Series 9 P6 Power Pack

Similar in appearance to above. Original Majestic Part No. 281. Shipping weight 8 lbs.  
**C2103—Your Cost \$1.25**

### Push-pull Output Transformer MAJESTIC 70 Series

Original Majestic Part No. 64. Brand new and guaranteed. Shipping weight 3 lbs.  
**C2106—Your Cost \$75<sup>c</sup>**

### Push-pull Output Transformer MAJESTIC 90 Series

Same appearance as above. Original Majestic Part No. 134. Shipping weight 3 lbs.  
**C2107—Your Cost \$75<sup>c</sup>**

### 90 B Push-pull Input & Output Transformers

**C2094—P. P. Input** Majestic No. 1551 for 90B receivers. Original. **95<sup>c</sup>**  
**Your Cost**  
**C2095—P. P. Output** No. 1552. **75<sup>c</sup>**  
**Your Cost**

### MAJESTIC 25 Series

An exact duplicate power transformer; made for the above Majestic Series. Utilizes: 3-51s; 3-27s; 2-47s, and 1-80 tubes. Shipping weight 11 lbs.  
**C2128—Your Cost, Special \$3.75**

### MAJESTIC 130-A Chassis Power Transformer Models 131, 132 and 133

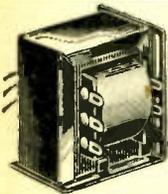
The original Majestic replacement power transformer for above models. Part No. 891. Supplies filament and plate voltages for the following tubes: 4-24s; 2-45s and 1-80. Shipping weight 12 lbs.  
**C2130—Your Cost Each \$3.75**

### MAJESTIC 200 Chassis Power Transformer

An exact duplicate of the original replacement. Supplies filament and plate voltages for the following tubes: 4-C35s; 1-G27; 1-G2; 1-G47 and 1-C80. No changes necessary to install this unit. Shipping weight 7 lbs.  
**C2134—Your Cost \$4.45**

### By-pass Condenser MAJESTIC 70, 90, 180 Series

By-pass condenser, .5 5 mfd. Original Majestic Part No. 717. Shipping weight 1 lb.  
**C2108—Your Cost \$17<sup>c</sup>**



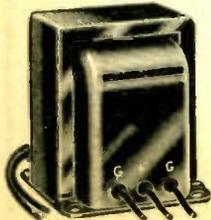
### General Multi-Tap Universal Output Transformer

This Universal Transformer has a combination of taps which makes it possible to feed from single or push-pull output stage to any voice coil from 2 to 30 ohms, in 2 ohm steps. Transformer may be mounted on end or side. Slots in base allow wide adaptability range without redrilling of chassis. Because it is Universal both physically and electrically, this unit becomes indispensable to the serviceman's emergency stock. Size 2x2 3/8 x 1 1/4". Mounting centers 1 1/4 x 1/2" to 1 1/4" or 1 1/4 x 3/4" to 1 1/4". Shipping weight 3 lbs.  
**C1708—Your Cost \$1.03**

### Universal Audio Transformer

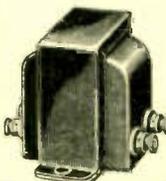
A transformer that can be used with either single or push-pull audio. Has the same physical dimensions and mounting specifications as the output transformer. Every serviceman should have one in his stock of general repair parts. Can be used on A. C. or D. C. sets. Shpg. wt. 3 lbs.  
**C1707—Your Cost \$1.03**

### Genuine THORDARSON Push-Pull Input Transformer



A fully shielded transformer in metal case. Designed to couple a stage of straight audio amplification into a stage of power push-pull using any of the existing types of power amplifying tubes. Has an unusually uniform response over the effective range of audio frequencies. Primary 1800 ohms, secondary 9000 ohms D. C. resistance. Size 2 1/2 x 2 1/2 x 3". Shpg. wt. 4 lbs.  
**C2450—Your Cost \$89<sup>c</sup>**  
**Special**

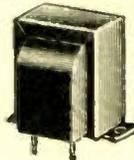
### JEFFERSON Microphone Trans- former. Two Button



A transformer for double button microphone. Has a turn ratio of 1 to 45. Impedance ratio 1 to 2000. Has flat response curve from 30 to 7000 cycles. Size 3 1/2 x 2 1/4 x 3 1/4". Shpg. wt. 2 1/2 lbs.  
List \$3.75  
**C1929—Your Cost \$1.45**

### Special: Audio and Push-pull Input Transformer

An especially well made, fully shielded transformer with an excellent frequency response. Two types—straight audio and push-pull input. Shpg. wt. 2 lbs.  
**C1912—Push-pull Input. 69<sup>c</sup>**  
**Your Cost**  
**C1914—Straight Audio. 39<sup>c</sup>**  
**Your Cost**

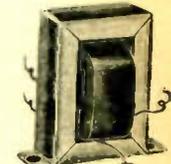
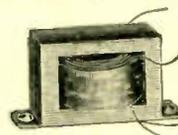


### KELLOGG Push-Pull Output



A precision type transformer with a very fine frequency response. Heavy core and thoroughly impregnated against moisture. Suitable to couple a pair of 71A, 10-s, 50's or 2A3's to dynamic speaker voice coil. Size 3 1/4 x 2 1/4 x 3 1/4". Shpg. wt. 3 lbs.  
**C2399—Your Cost Each \$55<sup>c</sup>**

### Special Audio Transformers



The same quality Audio Transformer as the large Rauland Laboratory Grade, R-500. Open Frame strap mounted, finished in cadmium plating. Can be used as 1st or 2nd straight Audio Stage, with all types of tubes. Upright or horizontal type. Size overall 2 1/4 x 2 3/8 x 3 1/4". Shpg. wt. 3 lbs.  
**C2334—Upright. 45<sup>c</sup>**  
**C2335—Horizontal. 45<sup>c</sup>**  
**Your Cost (Either Type)**

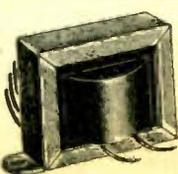
### Genuine SPARTON Replacement Audios, Inputs and Outputs



All brand new replacements, made by Thordarson. In the case of older models, all improvements in design and production have been utilized in the construction of these transformers. A verage shpg. wt. 4 lbs.

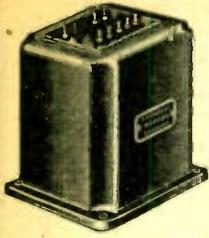
Models	Part No.	Stock No.	Your Cost
69, 79	A-3433	C2455	\$1.18
981, 301	B2587	C2456	1.18
<b>Input Transformers</b>			
101, 110, 111	B-2495	C2466	\$4.08
301	B-2361	C2467	3.53
589, 981	A-4812, A-4104	C2468	1.76
930	A-3736	C2469	1.18
<b>Output Transformers</b>			
89, 89-A	B-2117	C2485	\$1.32
301	B-2430	C2487	1.62
930, 981	A-3763	C2488	1.03

### SANGAMO Push-Pull Output Transformers



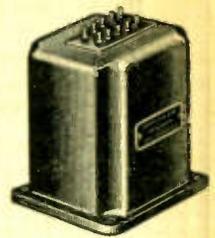
A push-pull output for two 247's to a dynamic speaker. Output impedance matches 8-15 ohms center mounting centers 3 1/4". Shpg. wt. 3 lbs.  
**C2397—Your Cost \$59<sup>c</sup>**  
Identical to above but for two 245's. Output impedance matches 8 to 15 ohm voice coil of the dynamic speaker.  
**C2398—Your Cost \$59<sup>c</sup>**

# KENYON "Laboratory Standard" PRODUCTS



The Kenyon MULTIPLE line makes possible a variety of desirable impedance arrangements. By a new method of coil design the effective frequency discrimination has been maintained practically identical through all impedance values. The terminations available are 50, 125, 200, 250, 333, and 500 ohms. If one line is used, it connects to 500 ohms, two in parallel to 250 ohms, 3 in parallel to approximately 200 ohms, four in parallel to 125 ohms, six in series parallel to 333 ohms, eight in series parallel to 250 ohms, nine in series parallel to 500 ohms, 10 in parallel to 50 ohms. Where required, five in parallel or seven in series parallel can be connected with a small impedance mismatch. Five in parallel connect to 125 ohms. Seven in series parallel connect to 333 ohms.

Stock No.	Type	Description	List Price	Your Cost
<b>INPUT TRANSFORMERS</b>				
P15904	KLG	Input to Grid: Carbon or Dynamic microphone or low impedance pickup to one grid. Primary designed for MULTIPLE line connections. Secondary impedance 120,000 ohms.	\$17.25	\$10.35
P15905	KL-2G	Input to Grid: Carbon or Dynamic microphone, or low impedance pickup to two grids. Primary designed for MULTIPLE line connections. Secondary in two sections: Impedance 60,000 ohm each side of center.	23.00	13.80
P15906	KL-845-2G	Input to Grid: Primary designed for MULTIPLE line connections into 2-50 watt grids at a plus 20 level.	23.00	13.80
P15907	KA-11	Cascade, single plate to single grid. Ratio 1:1 5 M. A.	11.50	6.90
P15908	KA-31	Cascade, single plate to single grid. Ratio 3:1 5 M. A.	9.20	5.52
P15909	KA-12	Input, 1-plate to 2 grids. Ratio 2 1/2:1 each side of center 8 M. A. D. C. Secondary in two sections.	13.80	8.28
P15910	KA-22	Input, 2-plates to 2-grids. Turn ratio 1:8. 1 each side of center. Primary and secondary each in two sections. Limit unbalanced primary current 4 M. A. D. C.	23.00	13.80
P15911	KSG-23	Input, 2-screen grid plates to 2-grids. Turn ratio, 1:1 limit unbalanced primary current 2 M. A. D. C.	23.00	13.80
P15912	KALL	Input, two button carbon microphone, moving coil microphone or low impedance pickup to a MULTIPLE line.	17.25	10.35
<b>OUTPUT TRANSFORMERS</b>				
P15913	KDL	Output: will match the plate of tubes like the 201A, 112A, 230, 231, 226, 227, 237, 55 and 85. Secondary designed for MULTIPLE line connections. Works at 0 level.	17.25	10.35
P15841	KLS-15	15 watt audio line matching transformer. Input designed for 200, 500, 2000 or 4000 ohm line. Output tapped for 2, 3 1/2, 5, 7 1/2, 45 or 60 ohm line.	23.00	13.80



The Kenyon TAPPED VOICE COIL line is a terminal arrangement designed to take care of one or a number of voice coil lines. The impedances available are 1.3, 3, 4.5, 7.5, and 15 ohms. If one speaker is used it is connected to 15 ohms,—two in parallel to 7 1/2 ohms,—three in parallel to 4 1/2 ohms,—four in series parallel to 7 1/2 ohms,—five in parallel to 3 ohms,—eight in series parallel to 7 1/2 ohms,—nine in series parallel to 15 ohms,—ten in parallel to 1.3 ohms. Where required, six in parallel and seven in series parallel also can be connected with low impedance mismatch. Six in parallel connect to 3 ohms,—seven in series parallel connect to 7 1/2 ohms. The serviceman can use this transformer with the most expensive public address system. High standard of efficiency adhered to. Max. shpg. wt. 6 1/4 lbs.

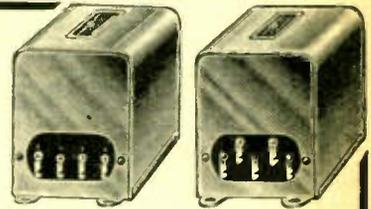
Stock No.	Type	Description	List Price	Your Cost
<b>INPUT TRANSFORMERS</b>				
P15853	KB-210-IN	2-210 plates, 2-50 watt grids in Class B.	\$28.75	\$17.25
P15854	KB-59-IN	1-59 plate to 2-59 grids in Class B.	17.25	10.35
<b>OUTPUT TRANSFORMERS</b>				
P15855	KB-59-O	2-59 plates in Class B amplification to a multiple line and a tapped voice coil line.	25.30	15.18
P15856	K-2A3D	P.P. 2A3 plates to a tapped voice coil line.	13.80	8.28
P15857	K-2A3MD	P.P. 2A3 plates to 4000, 1000, 15, 4.5, 3, and 1.5 ohms.	17.25	10.35
P15859	KPP-2A3	P.P. 2A3 plates to multiple and tapped voice coil line.	23.00	13.80
<b>REACTORS</b>				
P15868	KC-40-60	Tapped filter choke, 40 Henry, 60 M. A., D. C. resistance 625 ohms.	8.05	4.83
P15869	KC-15-120	Tapped filter choke, 15 Henry, 120 M. A., D. C. resistance 210 ohms.	8.05	4.83
P15870	KC-20-200	Tapped filter choke, 20 Henrys, 200 M. A., D. C. resistance 120 ohms.	20.70	12.42
P15871	KTC-15-180	Tapped filter choke, 15 Henry, 180 M. A., D. C. resistance 100 ohms.	11.50	6.90
P15872	KC-12-200	Saturated Filter Choke for Class B amplification. 12 Henrys, 200 M. A., D. C. resistance 97 ohms.	11.50	6.90
P15873	KC-300-3	Audio filter and parallel feed choke. 300 Henrys, 3 M. A., D. C. resistance 6000 ohms.	9.20	5.52
P15900	K-2DL	Output: Primary will match push-pull plates of tubes like 201A, 112A, 230, 231, 236, 227, 237, 56, 55 and 85. Secondary designed for MULTIPLE line connections. Works at 0 level.	17.25	10.35
P15901	KPPMD	2-250, 2-245, plates to a high impedance line and a low impedance line. High impedance line designed for 4000 ohms or 1000 ohms. Low impedance line designed for 15 ohms tapped at 7 1/2, 4 1/2, 3 and 1.3 ohms.	17.25	10.35
P15902	KPPD	2-250, 2-245, or plates to a TAPPED VOICE COIL LINE.	13.80	8.28
P15903	KPP-500	2-250, 2-245 or 2-triple twin plates to a MULTIPLE line and a TAPPED VOICE COIL line.	23.00	13.80

## KENYON All Purpose Amplifier Components

The items described below represent the finest material obtainable in medium priced amplification equipment. These components are particularly suited for use in radio receivers and public address systems.

Refinements in design and controlled production result in a unit which is unapproachable for overall quality in material of this price range.

A uniformity of physical appearance has been maintained in the construction of these units. This tends to simplify the layout of a neatly balanced piece of equipment. The cases have a special silver finish which adds to the professional appearance of an amplifier on an aluminum or cadmium plated base. Max. shpg. wt. 4 1/4 lbs.



Stock No.	Description	List Price	Your Price	Stock No.	Description	List Price	Your Price
P15800	Input; 1 plate to 1 grid. 3:1 ratio.	\$5.15	\$3.09	P15818	Driver input; 1-46 plate to 2-46 grids Class B.	\$6.90	\$4.14
P15801	Input; 1 plate to 2 grids in P-P. 2:1 ratio each side.	6.75	3.45	P15819	Driver input; 1-59 plate to 2-59 grids Class B.	6.90	4.14
P15890	Ribbon mike to grid of tube.	6.90	4.14	P15821	Driver input from 59 plate to 53 grids in Class B.	6.90	4.14
P15802	Input; universal line to 1 grid.	6.30	3.78	P15822	Class B output; P-P. 59 plates to 500 and 15 ohm line, tapped at 8 and 4 ohms.	6.90	4.14
P15874	Universal line to 2 grids.	7.45	4.47	P15824	Class B output; P-P. 46 plates to 500 and 15 ohm line, tapped at 8 and 4 ohms.	6.90	4.14
P15803	Mixing universal line to universal line.	6.30	3.78	P15825	Class B output; P-P. 46 plates to R. F. modulator. Sec. 4000 ohms.	7.45	4.47
P15804	Output detector plate to universal line.	6.30	3.78	P15882	Class B output from P-P. 53 plates to 500, 15, 8 and 4 ohms.	6.90	4.14
P15807	Output; P-P. 46s to 500 and 15 ohm line, tapped at 8 and 4 ohms.	6.30	3.78	P15883	Class B output from P-P. 53 plates to 7500, 4000 and 2500 ohms.	7.45	4.47
P15808	Output; P-P. 50s to 500 and 15 ohm line tapped at 8 and 4 ohms.	7.45	4.47	P15837	Class B input filter choke. D. C. resistance 110 ohms.	4.60	2.76
P15880	P-P. 2A3 plates self bias to 4000, 2000, 500, 15 and 4 ohms.	7.45	4.47	P15838	Filter choke 10 Henrys, Max. D. C. 200 M. A. D. C. resistance 100 ohms.	4.60	2.76
P15884	P-P. 2A3 plates fixed bias to 4000, 2000, 500, 15, 8 and 4 ohms.	7.45	4.47	P15839	Filter choke 30 Henrys, Max. D. C. 90 M. A. D. C. resistance 350 ohms.	4.00	2.40
P15813	Output; P-P. 48 plates to 500 and 15 ohm line, tapped at 8 and 4 ohms.	7.45	4.47				
P15817	Driver input; 1-245 plate to 2-245 or 250's grids in A Prime amplification.	6.90	4.14				

All Kenyon Transformers not listed above are available at regular dealers' discounts.

# THORDARSON Replacement AUDIO TRANSFORMERS

## Replacement Audio Transformers

Thordarson Audio Replacement Transformers have established an enviable reputation for dependability and service, especially so in warm and humid climates. Three sizes are shown, each available in various mountings so as to meet almost any space requirement.

Stock No.	Type	Mount	Ratio	Size	List	Your Cost
A213	R100	Fig. 1	1-3	2 1/2 x 1 1/2 x 2	\$1.75	\$1.03
A240	R103	Fig. 3	1-3	1 1/2 x 2 x 2 1/2	2.00	1.18
A265	T2999	Fig. 2	1-3	1 1/2 x 2 x 2 1/2	1.75	1.03
A266	T5736	Fig. 4	1-3	2 x 2 x 2 1/2	2.00	1.18
A267	T5737	Fig. 2	1-3	2 1/4 x 2 1/4 x 3	3.00	1.75
A268	T5738	Fig. 4	1-3	2 1/2 x 2 1/2 x 3	3.25	1.90

Average shipping weight 3 lbs.

## Output Coupling Transformers

The Thordarson line of Output Coupling Transformers is designed to cover practically all tube and speaker combinations in general use. The Types R107 and T5701 Transformers are of especial interest since it is possible to properly match a wide variety of tubes to any voice coil ranging from 29 ohms to fractions of an ohm, depending on the plate impedance of the power tube used, by means of five secondaries.

Stock No.	Type	Mount	Characteristics	List	Your Cost
A275	R107	Fig. 3	Universal*	\$2.25	\$1.33
A276	T3399	Fig. 2	P. P. 45 or 71 to V. C.	1.75	1.03
A277	T5744	Fig. 4	P. P. 45 or 71 to V. C.	2.00	1.18
A278	T5701	Fig. 2	Universal*	2.00	1.18

Sizes of above: 1 1/2 x 2 x 3/4". Shpg. wt. 3 lbs.

\*Types R107 and T5701 are tapped output Transformers which can be used on either P. P. or single tubes and have a multiplicity of impedance ratios such that they can be used on most dynamic speakers.

A279	T5745	Fig. 2	P. P. 50 or 45 to V. C.	\$3.00	\$1.75
A280	T5746	Fig. 4	P. P. 50 or 45 to V. C.	3.25	1.90

Sizes of above: 2 1/2 x 2 1/2 x 3. Shpg. wt. 3 lbs. V. C. means voice coil of dynamic speaker.

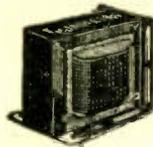


Fig. 1



Fig. 2



Fig. 3



Fig. 4

## Push-Pull Input Transformers

Thordarson Pushpull Input Transformers are produced with the same skill and care characteristic of all Thordarson equipment. The Power Detector Transformers are particularly desirable for receivers having high selectivity to compensate for the loss of high notes due to side band cutting as well as high plate impedance of power detectors.

Stock No.	Type	Mount	Ratio	Size	List	Your Cost
A216	R101	Fig. 3	1-3	1 1/2 x 2 x 2 1/2	\$2.25	\$1.33
A281	T3391	Fig. 2	1-3	1 1/2 x 2 x 2 1/2	2.00	1.18
A282	T5739	Fig. 4	1-3	2 x 2 x 2 1/2	2.25	1.33
A283	T5740	Fig. 2	1-3	2 1/4 x 2 1/4 x 3	3.50	2.05
A284	T5741	Fig. 4	1-3	2 1/2 x 2 1/2 x 3	3.75	2.20
A285	T5742*	Fig. 2	1-3	2 1/2 x 2 1/2 x 3	3.50	2.05
A286	T5743*	Fig. 4	1-3	2 1/2 x 2 1/2 x 3	3.75	2.20

\*Specially designed primary to couple to power detector. Average Shipping weight 3 lbs.

## Filter Chokes

The standardization of design of radio receivers makes it possible to meet all service requirements by this line of Filter Chokes. All are carefully insulated and are designed to secure the maximum inductance possible for the specified operating conditions.

Stock No.	Type	Mount	Inductance	Capacity	List	Your Cost
A241	R105	Fig. 3	15 H	75 M. A.	\$1.75	\$1.03
A287	T5751	Fig. 2	12 H	80 M. A.	1.50	.88
A288	T5752	Fig. 4	12 H	80 M. A.	1.75	1.03
A289	T5753	Fig. 2	10.4 H	110 M. A.	2.00	1.18
A290	T5754	Fig. 4	10.4 H	110 M. A.	2.25	1.33

Average shipping weight 3 lbs.

## Push-Pull Output Chokes

Pushpull Output Chokes were widely used in older receivers using either high impedance speakers or speakers incorporating coupling transformers.

Stock No.	Type	Mount	Characteristics	List	Your Cost
A291	R102	Fig. 3	45 or 71 Tube	\$2.00	\$1.18
A292	T5747	Fig. 2	45-46-71, etc.	1.75	1.03
A293	T5748	Fig. 4	45-46-71, etc.	2.00	1.18
A294	T5749	Fig. 2	50-45-46-71	2.75	1.62
A295	T5750	Fig. 4	50-45-46-71	3.00	1.75

Average shipping weight 3 lbs.

## Type R-300 Audio Transformer

The amplification range has been extended still farther into the lower register, so that even the deepest tones now may be reproduced with amazing fidelity. Same size and shpg. wt. as R-200.



A239—List \$4.00  
Your Cost..... **\$2.35**

## Type R-400 Audio

Amplification curve is practically a straight line from 30 to 8000 cycles. Suitable for either a first stage or input stage. Ratio 3 to 1. Size, 2 1/2 x 2 1/2 x 3 1/4" high. Shpg. wt. 4 lbs.

A215—List \$4.00  
Your Cost..... **\$2.35**

## T-4304 P.-P. Input

Ratio of 2 to 1. May be used following a screen grid power detector having parallel plate feed. Built primarily for use with 210, 245, 247 and 250 types of power tubes in the push-pull stage. Size 3 1/2 x 3 x 3 1/4" high. Shpg. wt. 5 lbs.

A243—List \$4.50  
Your Cost..... **\$2.64**

## T-2408 P.-P. Input

Designed to couple a stage of straight audio amplification into a stage of power push-pull using any of the existing types of power amplifying tubes. Ratio 1-1. Size 2 1/2 x 2 1/2 x 3" high. Shpg. wt. 4 lbs.

A217—List \$4.00. Your Cost..... **\$2.35**

## Type R-196 Choke

30 H. 85 MA.

A fully shielded and finished product by Thordarson. D. C. resistance of 360 ohms. For filter circuits and speaker output coupling. Size, 2 1/2 x 2 1/2 x 3" high. Shpg. wt. 4 lbs.

A242—Your Cost..... **\$1.76**

## Audio Transformers for the New Type Tubes

T5870	Interstage 56 P. P. to 2A3 P. P.	List \$3.75	<b>\$2.20</b>
A272	—Your Cost.....		
T5872	Output 2A3 P. P. to 8-4 ohms.	List \$3.50	<b>\$2.05</b>
A273	—Your Cost.....		
T5873	Output 2A3 P. P. to 500 ohms.	List \$3.50	<b>\$2.05</b>
A274	—Your Cost.....		
T1700	Filter Choke, 28.6 henries, at 130 MA.	List \$4.50	<b>\$2.65</b>
A269	—Your Cost.....		
T2353A	Swinging Filter Choke, Class B Amplifiers. List \$5.00		<b>\$2.94</b>
A259	—Your Cost.....		
T5289	Input Transformer, 46 to 46's, in Class B.	List \$5.00	<b>\$2.94</b>
A296	—Your Cost.....		
T5356	Output 46's Class B to 8-4 ohms.	List \$5.00	<b>\$2.94</b>
A297	—Your Cost.....		
T5339	Output 46's Class B to 500 ohms.	List \$5.00	<b>\$2.94</b>
A298	—Your Cost.....		
T5381	Line Transformer 500 ohm line to 4-8 ohms. List \$4.50		<b>\$2.65</b>
A299	—Your Cost.....		

## T-2357 Microphone Transformer Single Button

A Coupling Transformer for Single Button Microphones primary impedance 200 ohms. Ratio 64 to 1. Size 2 1/2 x 2 1/2 x 2 1/2". Shpg. wt. 2 lbs.



A257—List \$3.00  
Your Cost..... **\$1.75**

## T-3020 Microphone Transformer Double Button

The windings of this Transformer closely approximate perfect balance. Designed for use with 2 Button Microphones. Primary impedance: 200 ohms each side of C. T. Ratio 2000 to 1. Size 2 1/2 x 2 1/2 x 3". Shpg. wt. 3 lbs.

A258—List \$5.00  
Your Cost..... **\$2.94**

## Type T-2973 P. P. Interstage

To couple two stages of push-pull amplification. Especially applicable for use in power amplifiers for public address work to prevent tube distortion in the first stages of the audio amplifier. Size 3 1/2 x 3 x 3 1/4" high. Shpg. wt. 5 lbs.

A212—Your Cost..... **\$4.12**



## Type T-2903 P. P. Output

250 or 245 type tubes to a Dynamic Speaker, voice coil having a D. C. resistance between 4 and 8 ohms. Size 3 1/2 x 3 x 3 1/4" high. Shpg. wt. 5 lbs.

A238—List \$4.00. Your Cost..... **\$2.35**

## Type T-2629 P. P. Output

210 type tubes to a Dynamic Speaker, voice coils between 4 and 8 ohms.

A218—List \$4.00  
Your Cost..... **\$2.35**

## Type T-4843 Single Pentode Output

Single Pentode to a Dynamic Speaker, voice coil, between 4 and 8 ohms. Size 2 1/2 x 2 1/2 x 3" high. Shpg. wt. 4 lbs.

A219—List \$3.00. Your Cost..... **\$1.75**

## Type T-4831 P. P. Pentode Output

P. P. Pentodes to a Dynamic Speaker, voice coil between 4 and 8 ohms.

A220—List \$3.50. Your Cost..... **\$2.05**

## T-1892A Filter Choke 30 H. 50 MA.

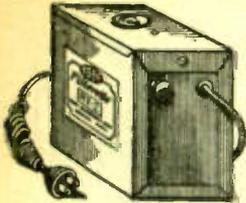
Designed to filter a current of 50 mls. Inductance of 30 henries, 450 ohms D. C. resistance. Ideal for midget receivers. 6" leads. Size, 2 1/2 x 1 1/2 x 2 1/2" high. Mounting centers, 3 3/4". Shpg. wt. 3 lbs.



A246—Your Cost **65¢**

# TOBE Noise Filterettes

## Line Filterette RF-2



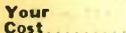
To eliminate noise reaching the receiver through the power line. Connects between the line and the receiver. Not suitable for application to electrical appliances. We recommend the use of the Model 33 Filterizer Kit in conjunction with this unit. Shipping weight 3 lbs.  
**L12608—List \$4.95**  
**Your Cost \$2.90**

## Filterette 110-PO

For suppressing radio noise caused by electric refrigerators, heating pads, fruit juice extractors, adding machines, etc. Contained in a metal case 5 1/4 x 4 1/2 x 3 1/2". Receptacle and attachment plug fit all standard wiring outlets. Maximum potential 110 volts A. C. or D. C. Maximum current 5 amperes. Approved by Underwriters Laboratories. Shpg. wt. 13 lbs.  
**L12683—List \$10.50**  
**Your Cost \$6.18**

## Radio Noises and Their Cure

This valuable book describes how radio interference originates, is distributed, and how to cure its interference with radio programs.  
**L12695—Shpg. wt. 1 lb.**  
**Your Cost 35¢**



## Inductive Capacitive Filterettes

Designed for application to motors, generators, farm lighting equipment, refrigerators, etc. Contained in metal cutout cabinets and are fused for protection against overload. Models listed below are for 110 V., A. C. or D. C. operation but can be furnished for 220 V. at higher prices.

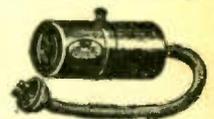
**L12680—5 Ampere Size. 10x6 3/4 x 3 1/4". Shpg. wt. 10 lbs. List \$12.50**  
**Your Cost \$7.15**

**L12681—10 Ampere Size. 13x9 3/4 x 3 1/4". Shpg. wt. 15 lbs. List \$20.00**  
**Your Cost \$11.76**

**L12682—20 Ampere Size. 16x10 3/4 x 4 1/4". Shpg. wt. 45 lbs. List \$30.00**  
**Your Cost \$17.64**

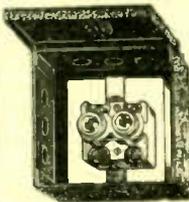


## Filterette Senior



Especially recommended for portable electrical appliances causing a more intense interference than that suppressed by the Filterette, Jr., most satisfactory for use on grounded neutral wiring systems. In metal case 2" dia. and 4" long. It is connected between receptacle and appliance provided with binding post to connect return wire from Filterette to frame of appliance; unit may be used on A. C. or D. C. maximum potential: 110 volts. A. C. or D. C. maximum current: 5 amps. Shipping weight 4 lbs.  
**L12600—List \$5.50**  
**Your Cost Each \$3.24**

## Capacitive Filterettes

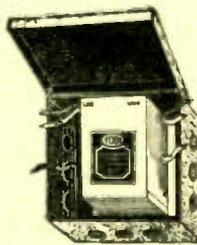


A pure capacity type that does not use chokes. To be used with motors, generators, rectifiers and other electrical apparatus. Due to the fact that no current flows through this model it therefore has no current or wattage rating. These filters are connected across the line that is in parallel with the appliance. Contained in metal cutout boxes approved by the board of fire underwriters, 7x6 3/4 x 3 1/2". Has fuse block. Shpg. wt. 6 lbs.  
**L12670—110 V. D. C. Model 10. List \$10.00**  
**Your Cost \$5.88**

Stock No.	Model	Voltage	List Price	Your Cost
L12690	11	110 V. A. C.	\$10.00	\$5.88
L12691	20	220 V. D. C.	15.00	8.82
L12692	22	220 V. A. C.	15.00	8.82
L12693	23	3-Ph. 220 V. A. C.	20.00	11.76

## Oil Burner Filterette OB-110

A special model for that most difficult of all interference sources, the oil burner. This model can be used on practically all makes of oil burners; Williams Oil-O-Matic, May, Electrol and others using electric ignition or it can also be used on models using a universal motor for driving the blower and atomizer. It is contained in an approved metal cutout box 7x6 3/4 x 3 1/2". Detachable clamps are provided so that it may be mounted on a pipe standard or flat against a wall. Maximum voltage 110 V., A. C. or D. C. Maximum current 4 amperes. Shpg. wt. 7 lbs.  
**L12609—List \$9.50**  
**Your Cost \$5.60**



## Filterette Junior

A compact Filterette for household appliances. Vacuum cleaners, small hair dryers, fans and cash registers are easily made interference free by use of a Filterette, Jr. The function of the Filterette is to prevent the distribution along wiring circuits of impulses or disturbances having frequencies within the broadcast band. In a bakelite case 1 1/2" in diameter and 2 1/2" long. Is provided with binding post for connecting return wire from Filterette to frame of appliance. Maximum potential 110 volts A. C. or D. C. Shipping weight 1 lb.  
**L12601—List \$2.25**  
**Your Cost Each \$1.32**

Appliance Mounting Filterette J. A.  
 Similar to above, but has flexible leads and mounting lugs, for permanent motor installations.  
**List \$2.25**  
**L12694—Your Cost \$1.32**

Appliance Mounting Filterette J. A.  
**List \$2.25**  
**L12694—Your Cost \$1.32**

Appliance Mounting Filterette J. A.  
**List \$2.25**  
**L12694—Your Cost \$1.32**

Appliance Mounting Filterette J. A.  
**List \$2.25**  
**L12694—Your Cost \$1.32**

Appliance Mounting Filterette J. A.  
**List \$2.25**  
**L12694—Your Cost \$1.32**

FOR A COMPLETE LISTING OF TOBE FILTERETTES WRITE FOR SPECIAL CATALOG.

## AEROVOX Interference Filter



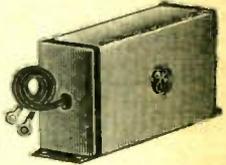
A compact, efficient, filter unit for use wherever a light duty unit is desired. Most effective when used at the source of interference. Suitable for use on any 110 V. A. C. or 220 V. or less D. C. line. An excellent unit for use on fans, vacuum cleaners, or similar appliances. Shpg. wt. 1 lb.

**D3551—List \$2.60**  
**Your Cost \$1.53**

## G. E. Filter Condensers

4 1/2 Mfd. 800 V. D. C.

This condenser is ideal for power pack filters, making interference eliminators as well as for correcting power factor in industrial installations. Two condensers in series, across the power line, with center tap grounded, makes an excellent filter. Shpg. wt. 3 lbs.  
**B477—Your Cost 35¢**



## FARADON Noise and Interference Filter



These filters are high capacity for use on either A. C. or D. C. 110 volt or 220 volt lines. They may be connected across lines directly at the source of the radio interference. Oil burners, electric refrigerators, motors, fans, bells, buzzers, vibrating machines, and any other source of electrical disturbance. One of these units and two rolls of bell wire is all that is necessary to make a fine line filter for any radio set, A. C. or D. C. They come in two sizes, for devices up to 1/2 H. P. 2-5 mfd., and for devices above 1/2 H. P., 2-10 mfd. Shpg. wt. 4 lbs.

**B552—For devices under 1/2 H. P. Your Cost 75¢**

**B553—For devices above 1/2 H. P. Your Cost 95¢**

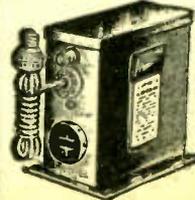
## RCA Universal Filter Unit—Type "A"

"Special" While They Last



Made by The Radio Corporation of America. A small, compact, semi-portable unit to be used with motors, heating pads, contact devices, etc. The filter is capable of carrying a continuous current of 2 1/2 amperes at 125 volts A. C. or D. C. A 6 ft. extension cord complete with attachment plug is provided. A binding post is provided on the end of filter unit and, whenever used in conjunction with a motor, connection should be made between post and motor frame. Size 5 1/2 x 2 3/4 x 2 3/8" high. Shpg. wt. 5 lbs.  
**B550—Your Cost, Special \$2.75**

## AEROVOX Interference Filter

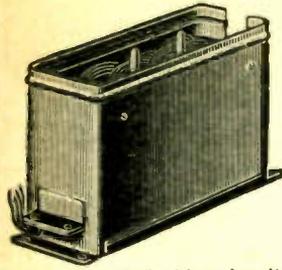


This device is easily connected to the radio set or to the appliance causing the interference. Simply plug the device into the line, plug the appliance or set into the interference eliminator and connect binding post of the eliminator to a good ground. Troublesome noises coming from electric signs, motors, washing machines, oil burners, etc., can be eliminated by connecting this device between the receiver and the power supply. More effective when used in series with the power line supplying the interfering machine, yet accomplishes remarkable results when used at the radio outlet. Complete with power cord. Shipping weight 4 lbs.  
**D3550—List \$5.75**  
**Your Cost Each \$3.38**

We Will Not Knowingly Be Undersold

# Trutest Condenser Blocks

## ATWATER KENT POWER UNITS



These are the first high quality Replacement Power Packs to be offered for Atwater-Kent receivers. Heretofore servicemen have had to accept makeshift packs assembled from reclaimed and surplus material, which naturally gave poor and short lived service. By contracting for a large quantity of these units we were able to get packs made up from brand new first quality materials that were made especially for the purpose. They are equal or superior to the original units. Color coded exactly like the originals. Planograph of

hook-up furnished with each unit.

- For Models 40, 56 and 57  
Shipping weight 17 lbs.  
**B1381—Your Cost**..... **\$4.95**
- For Model 41  
Complete with resistors. Shpg. wt. 17 lbs.  
**B1389—Your Cost**..... **\$4.95**
- For Models 42, 44, 45 and 52  
Shipping weight 17 lbs.  
**B1376—Your Cost**..... **\$4.95**
- For Models 43, 46, 47 and 53  
Shipping weight 19 lbs.  
**B1375—Your Cost**..... **\$7.25**

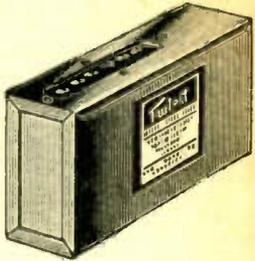
## For Models 37 and 38



These Trutest Replacement Block models produce a lasting and satisfactory job—one that you will be proud of. Built especially for us, to our own high standards of excellence, from the best quality brand new materials. They are exact duplicates of the originals in every detail. These blocks, built to the exact specifications of the originals, contain filter condenser block and 3 chokes, two high voltage filter chokes and one speaker choke. By placing an order for a huge quantity of these units we are in a position to bring the Serviceman a thoroughly reliable unit for about the same price others are asking for surplus and deteriorated materials. These are brand new and Guaranteed. Why take a chance with others? Shpg. wt. 7 lbs.  
**B1378—Your Cost Each**..... **\$1.85**

## MAJESTIC POWER UNITS

For replacement in Majestic "B" Eliminators. You would not want better blocks than these sturdy units. This block is built exactly to the original Majestic specifications from brand new first grade merchandise, guaranteed as to quality. They will give you the kind of service you have a right to expect for your money. Composed of new high voltage condensers and carefully built to give long and satisfactory service.



- For Majestic 7BP6, 7P6  
(Sets with 171 Type Tubes)  
Size 8 3/4 x 2 1/2 x 4 1/2". Shpg. wt. 6 lbs.  
**B1071—7P6 Early Model Sets**  
**B1070—7BP6 Late Model Sets**  
**Your Cost Either Type**..... **\$1.90**
- For Majestic 9P6  
(Sets with 245 Type Tubes)  
Size 8 3/4 x 2 1/2 x 4 1/2". Shipping weight 4 lbs.  
**B1067—Your Cost Each**..... **\$1.90**
- For Majestic 8P6  
(Sets with 250 Type Tubes)  
1000 volt test Condensers. Size 8 3/4 x 2 1/2 x 4 1/2". Shipping weight 6 lbs.  
**B1069—**  
**Your Cost Each**..... **\$3.75**
- For Majestic "A" Eliminators  
Size 3 1/4 x 3 3/4 x 7 3/4". Shipping weight 4 lbs.  
**B849—Your Cost Each**..... **\$2.45**

## For "B" Eliminators

Super "B"  
Master "B"  
Special Master "B"  
These blocks are sturdy high grade replacement units. They are built to the exact specifications of the original Majestic condensers. Only the finest quality merchandise used. Will give dependable service.  
Size 5 3/4 x 4 x 2 5/8". Shipping weight 4 lbs.  
**B848—For Majestic Super "B"**  
**B847—For Majestic Master "B"**  
**B846—For Majestic Special Master "B"**  
**Your Cost (Either Type)**..... **\$1.95**



## ATWATER KENT

### Genuine Replacements

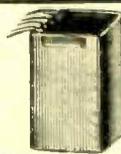
- 55F and 55FC, 3rd type 60C. (5 Taps). Part No. 14320. Condenser Code 1-A-5.  
**B1367—Your Cost**..... **\$1.65**
- Model 66. Part No. 14880. Condenser Code E-1.  
**B1366—Your Cost**..... **\$1.65**
- Model 70 (L Chassis). Part No. 15480. Code 1-E-3 (5 Taps).  
**B1365—Your Cost**..... **\$1.65**



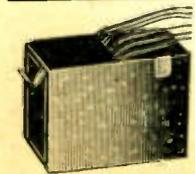
Shipping weight 5 lbs.

### Exact Duplicate For Model 45

- A. K. Part No. 14247, Condenser Block. Shpg. wt. 4 lbs.  
**B1370—Your Cost**..... **\$1.95**



### Condenser For Model 36 "Y" Power Unit



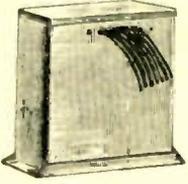
These condenser blocks are the Genuine Atwater-Kent replacement used in the Model 36, "Y" Power Unit. All brand new and in perfect condition. Shipping weight 7 lbs.

- B1380—SERIAL BELOW 260,000**  
**B1382—SERIAL ABOVE 260,000**  
**Your Cost—Either Type**..... **\$4.95**

## Replacement Condensers For Fada Receivers

Models 42, 44, 46 and 47

A superior replacement condenser for the above receivers. Exactly duplicates the original in every respect. Filter condenser units have a higher voltage rating than originals. Shpg. wt. 5 lbs.  
**B1199—Your Cost**..... **\$3.20**

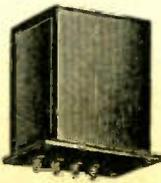


For Models 35, 35Z Part No. 1790X

High quality condenser units used in making up this replacement. Guaranteed to outperform the original condenser. Same size and mounting arrangement. No changes necessary to install. Shpg. wt. 5 lbs.  
**B1203—Your Cost**..... **\$3.45**

For Fada Models 50, 70, 71, 72, 75, 77. Part No. 1492MS

A replacement condenser unit designed especially for Fada models. Exactly duplicates their part No. 1492MS. Contains only the highest grade of paper condenser units. Shpg. wt. 5 lbs.  
**B1206—Your Cost**..... **\$3.20**

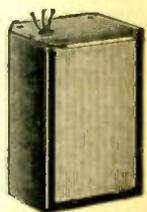


Refer to complete listing of condenser block replacements. Only a few of the specials are illustrated.

## Original MAJESTIC Condenser Blocks

For 90B and 100B Models 90, 91, 92, 93, 102 and 103

Majestic Replacement Part No. 1564, for replacement in the above sets. Contains: Three 2 mfd. and one 1 mfd. Shpg. wt. 6 lbs.  
**B1065—Your Cost**..... **\$1.90**



## MAJESTIC Model 20 Chassis Condenser Bank and Input P. P. Transformer

Replacement for the Original Majestic Condenser and P.P. Input Transformer Assembly, Part No. 3887. Contains two 2 mfd. Two 1 mfd., and P.P. Input transformer. Shipping weight 6 lbs.  
**C1064—List Price \$20.00**  
**Your Cost**..... **\$4.40**



### For Models 30 and 31

Filter Condensers and Choke Coil in one unit. An exact duplicate of the original. Shpg. wt. 6 lbs.  
**B1066—Your Cost**..... **\$3.90**

### For Models 50 and 52

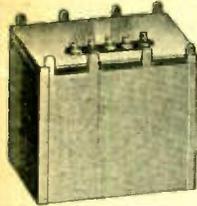
**B1063—Your Cost**..... **\$2.45**

# RCA RADIOLA VICTOR



## BRAND NEW Genuine Victor Filter Condenser Blocks Replacement for Models

**R-32, RE-45,  
R-52, RE-75**



Contains: One 5 mfd., one 3 mfd., one 2.5 mfd. and .5 mfd. sections at 600 working voltage. These are all brand new condenser blocks, never been used or installed before. Each unit is given a severe test before leaving our testing laboratories. Housed in a metal container, 5 1/4 x 5 4/4". Shipping weight 8 lbs.

**B890—Your Cost Special 59¢**

## Genuine Victor Replacement for Late Models R-32, RE-45, R-52, RE-75

Contains: One 5 mfd., one 3 mfd., and one 2.5 mfd., 600 working voltage. This is for the late Victor models, equipped with 4 taps, but can be used for the early models by using a .5 mfd. condenser in place of the No. 5 tap.



**B893—Your Cost 1.25**

## Filter and By-pass Condenser Assembly Models R-11, R-18, R-18A and RE-21

Genuine replacement part No. 7273, comprising one 4 mfd., one 6 mfd., four .5 mfd., two 1 mfd., five .1 mfd. and one .05 mfd. All in single metal



container. For 25-60 cycle receivers. Shipping weight 6 lbs.

**B533—List Price \$10.00 Your Cost 3.25**

## Radiola Model 41 A. C.

The original condenser banks used in Radiola Model 41. Shipping weight 4 lbs.



**Receptor Power Pack  
B1004—RCA No. 8404  
Your Cost 2.65**

**Sterling Power Pack  
(Duplicate of Original)  
B1003—RCA No. 8397  
Your Cost 3.50**

## Filter Condenser Models R-50, R-55, RE-20, RAE-59 and RAE-79

The genuine RCA replacement filter condenser block part No. 8712-64905, comprising, one 2 mfd., one 3 mfd., two .5 mfd. and one .1 mfd. Shipping



weight 5 lbs.

**B531—Your Cost 3.25**

## Radiola Models 33, 44 D. C.

The Genuine Radiola Filter and Push-pull Input and Output Assembly for the above models. Contains: Two P. P. Audio transformers, and one 3 mfd., one 2 mfd., two .5 mfd. Brand new and guaranteed. Shipping weight 7 lbs.



**B1002—List \$21.25 Your Cost 1.75**



## Genuine RCA- Radiola Condensers Radiola 17-50 Brunswick PR-17-8 Victor 7-25 Part No. 8289

Genuine replacement filter condenser for the above sets. Contains: Two 3.5 mfd. one 3 mfd., one 2 mfd., two 1 mfd. Brand new and guaranteed. Shipping weight 6 lbs.

**B1020—List \$19.20 Your Cost 1.80**

## RCA Models 44-46-47 Graybar 500-550 Part No. 8476

The original replacement filter condenser for the above models. Contains: Three 2 mfd., one 1.25 mfd., one 1 mfd., one .5 mfd. and one .25 mfd., also output choke. Shipping weight 6 lbs.

**B1016—List \$19.00 Your Cost 2.25**

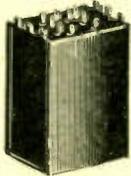
## Radiola Model 60 Graybar Model 300 Brunswick Model 5N0 Part No. 8346

The original Radiola filter condenser. Contains: Three 2 mfd., four .5 mfd. and output choke. Shipping weight 6 lbs.

**B1015—List \$16.50 Your Cost 1.85**

## Graybar Model 340 Radiola Model 62 Brunswick 3NC8, 5NC8 Part No. 8382

The original Radiola replacement filter condenser for the above models. Contains: One 4 mfd., two 3.5 mfd., one 1 mfd., three .5 mfd. Shipping weight 6 lbs.



**B1014—Your Cost 2.05**

## Filter Capacitor For Field Supply Unit Part No. 8384

For above model receivers. Original RCA part. Contains: One 4 mfd., two .1 mfd. Shipping weight 4 lbs.

**B1013—List \$8.25 Your Cost 2.10**

## Coupling Unit Part No. 8383

For above model receivers. The original RCA part. Contains: One audio transformer output to the voice coil of the dynamic speaker. One .5 mfd. condenser and a 12 henry choke. Shipping weight 7 lbs.

**B1012—List \$12.00 Your Cost 2.70**

## Auditorium Radiola-Phonograph Radiola Model 66 Graybar Model 600 Part No. 8487

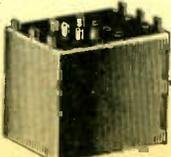
Original Radiola part. Contains: Two 2 mfd., one 1 mfd., one .5 mfd. and a 515 ohm output choke. Shipping weight 6 lbs.

**B1010—List \$14.25 Your Cost 1.50**

## Radiola 18-33-51

**Brunswick, 2Kro, 3Kro, 3Krc, 5Kr, 5Kro, 5Krc, Victor 7-11, 7-26  
Graybar Model 311 (Part No. 8333)**

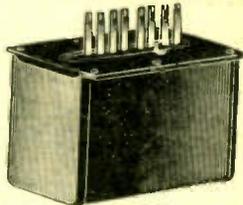
Original filter condenser for above sets. Contains: Two 1 mfd. one .5 mfd. and output choke. Guaranteed brand new. Shipping weight 4 lbs.



**B1019—List \$7.40 Your Cost 37¢**

# CONDENSER BLOCKS

## Radiola Model 64 Victor 9-18 and 9-54 Part No. 8368 Filter Capacitor



The Genuine Radiola Filter Condenser Bank. Contains: Four 4 mfd., one 2 mfd. and two 1 mfd. These capacitors are all brand new, using 1000 volt condensers of the

very best foil and paper. Do not confuse this block with the so-called replacements on the market. Shipping weight 13 lbs.

**B1011—List Price \$30.00 Your Cost 5.85**

## For RCA Model 67

The Genuine Replacement Filter Condenser, Part No. 8504, comprising three 2 mfd., two 4 mfd. and two 1 mfd. Similar in appearance to above. Shipping weight 13 lbs.

**B1007—List Price \$28.20 Your Cost 5.85**

## RCA Model 42 and 48

### Transformer and Capacitor Block



For Victor Models 14, 15 and 17; G. E. T-41; Graybar 678; RC-3; and Westinghouse WR-4. Genuine replacement No. 8608. Consists of filter condensers and coupling reactor in metal container. Shpg. wt. 5 lbs.

**B1021—List \$12.00 Your Cost 3.75**

## Radiola Model 64

### Victor Models 9-18, 9-54 Part No. 8862 By-Pass Assembly

The Original Radiola By-Pass Condenser Assembly. Contains one 2 mfd., two 1.5 mfd. and three 1 mfd. Shipping weight 3 lbs.



**B1008—List \$9.90 Your Cost 1.45**

## Radiola Model 67

### Part No. 8498 By-Pass Assembly

Similar in appearance to above. Original Part. Contains: One 2 mfd., two 1.5 mfd. and three 1 mfd. Shipping weight 3 lbs.

**B1006—List \$9.75 Your Cost 1.50**

## Capacitor Pack Radiola Model 66 Graybar Model 600

Similar in Appearance to Above This is the genuine Radiola Part No. 6021. Capacitor Pack, comprising five 1/2 mfd., two .05 mfd. by-pass condensers and one audio transformer. Our quantity is limited. Shipping weight 3 lbs.

**B1009—Your Cost 3.95**

If you do not find the Condenser Block that you are looking for on this page see the tabulated listing on pages 104, 105.

**We Will Not Knowingly Be Undersold**

# CONDENSER BLOCKS



## Condenser Blocks for U. S. Radio & Television Co. Gloritone and Apex Receivers

Made in accordance with the original condenser blocks.

**Apex Model 28**  
3-24s; 2-27s; 2-45s; 1-80. 1-3-1.1. mfd. Has 5 leads. Shipping weight 4 lbs. **B1410—Your Cost \$2.90**

**Apex Models 48 and 48A**  
B1404—Similar to above **Your Cost \$2.25**

**Apex Model 36**  
4-26s; 1-27; 1-71A, and 1-80. 1-1-1-1-1-5-5 mfd. 6 terminals. Shipping weight 4 lbs. **B1409—Your Cost \$3.40**

**Apex Model 37**  
4-26s; 1-27; 2-71As and 1-80. 1-1-1-1-5 mfd. 8 leads. Shipping weight 4 lbs. **B1408—Your Cost \$3.45**

**Apex Model 41**  
5-27s; 2-45s; 1-80. 1-1.5-1-1. mfd. 4 leads. Shipping weight 4 lbs. **B1407—Your Cost \$2.20**

**Apex Models 46, 46A, 47 and 47A**  
2-24s; 2-27s; 2-45s and 1-80. 1-2-1.5-5-1 mfd. 5 leads. Shipping weight 4 lbs. **B1405—Your Cost \$1.75**

### Sparton Models 69, 79, 89

These are brand new condenser blocks made especially for replacement in Sparton models. Only the highest grade of paper and foil used in the construction of these units. The original specifications have been strictly adhered to. For guaranteed satisfaction, use these for Sparton replacements. Shipping weight 5 lbs. **B975—Your Cost \$3.70**



### Stromberg-Carlson Filter

Models 641, 642, 652, 654

The original Stromberg-Carlson filter condenser. Total capacity 9 mfd. Shipping weight 11 lbs. **B916—Your Cost \$3.75**



### Kolster K-43

The original Dubilier Type PL1557 Filter Condenser for the Kolster K-43. 5.1 mfd. total capacity. Shipping weight 3 lbs.

**B1334—Your Cost \$2.45**



### Kolster Models K20, K22, K48A Columbia Models C1 and C3

This unit is very compactly made, of the finest materials, and can be used for general replacement where similar capacities are required. Two 2 mfd. at 400 volt; one 2 mfd. at 160 volt; one 1 mfd. at 400 volt; one 1 mfd. at 400 volt. The original Faradon condenser block for the above model receivers. Guaranteed brand new. Shipping weight 3 lbs. **B1280—Your Cost \$1.45**

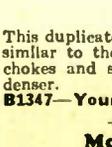


# GUARANTEED REPLACEMENT

	Stock No.	Your Cost		Stock No.	Your Cost
<b>ALL AMER. MOHAWK</b>					
Model "F".....	B1424	\$3.65	CLARION		
Model A-8.....	B1423	2.44	Models 51, 53, 55.....	B1305	\$4.25
Model A-10.....	B1422	3.65	<b>CLUB ALUMINUM</b>		
Model Lyric No. 90.....	B1421	2.40	9 in Line.....	B1109	3.90
Model Lyric "D".....	B1420	3.40	<b>COLONIAL</b>		
Models Lyric 60 and 80 Series.....	B1419	3.50	Model 50 A. C. (R-6238)....	B1300	2.25
<b>AMRAD</b>					
Model 7100.....	D3330	1.55	Model 28.....	B1301	2.45
Model 7100.....	D3319	2.60	Model 31.....	D3318	1.95
Model AC-7.....	D3319	2.60	Model 32 Electrolytic.....	D3318	1.95
Model Bel Canto 81.....	D3321	4.00	Models 33 and 34 Electrolytic.....	D3316	1.45
Model 70.....	D3319	2.60	<b>COLUMBIA RADIO</b>		
<b>APEX</b>					
Model 28.....	B1410	2.90	Model Screen Grid 8.....	B1290	2.70
Model 36.....	B1409	3.40	<b>COLUMBIA-KOLSTER</b>		
Model 37.....	B1408	3.45	Models C-1, C-3.....	B1280	1.45
Model 41.....	B1407	2.20	Model C-5.....	B1278	2.95
Models 46 and 46-A.....	B1405	1.75	Model C-6, C-7.....	B1277	1.90
Models 47 and 47-A.....	B1405	1.75	Models 930, 931 and 961.....	B1275	2.95
Models 48 and 48-A.....	B1404	2.25	Model 930-300.....	B1273	3.50
Model 80.....	B1403	2.90	Model 950.....	B1271	3.50
Models 28-A, 28-AX.....	B1411	2.85	Model 980 Part 4350 for Tuner B supply.....	B1272	1.95
<b>ATWATER KENT</b>					
36 Condenser Block (Serial below 260,000).....	B1380	.49	<b>DAYFAN</b>		
36 Condenser Block (Serial above 260,000).....	B1382	.49	Model 5091.....	B1255	3.90
37-38 Condensers Only.....	B1379	1.75	Model 5003.....	B1251	3.90
37-38 Condenser and Choke Assembly.....	B1378	1.85	Models 5069, 5077, 5080.....	B1252	3.90
41 D. C. Complete Power Unit, with Resistors.....	B1389	4.95	<b>DAYTON</b>		
40 Condenser Only.....	B1377	1.25	Model AC-63.....	B1250	2.95
45 Condenser Assembly.....	B1370	1.95	<b>EARL, C. A.</b>		
46, 47 and 53 Condenser Assembly.....	B1369	2.70	Models 21 and 22.....	B1245	2.45
42, 44, 45 and 52 Complete Power Unit.....	B1376	4.95	Models 31, 31S, 32, 32S, 33, 33S and 41.....	B1244	2.40
40, 56 and 57 Complete Power Unit.....	B1381	4.95	<b>EDISON</b>		
43, 46, 47 and 53, Complete Power Unit.....	B1375	7.25	Models R-1, R-2, C-2.....	B1220	3.45
55, 55C, 60, 60C; 7 Taps.....	B1368	2.55	Models R-4, R-5, C-4.....	B1219	2.75
55F, 55FC, 3rd Type 60C, L-1, Chassis 5 Taps, 1A5.....	B1367	1.65	Models R-6, R-7.....	B1218	2.75
66, 7 Taps.....	B1366	1.65	<b>EVEREADY</b>		
72 Series.....	B1365	1.65	Models 30, 40 and 50 Series.....	B1210	2.90
89.....	B1364	2.90	Models 1, 2 and 3.....	B1349	2.45
<b>BOSCH</b>					
Model 28.....	B1349	2.45	<b>FADA</b>		
Model 29-825.....	B1348	3.60	Models 25, No. 1780X.....	B1205	3.20
Model 48.....	B1347	2.25	Models 35, 35Z, No. 1790X.....	B1203	3.45
Models 58 and 60.....	B1346	3.25	Model 25 and 35 (Late) No. 1801X.....	B1201	3.20
Models 5 and 5-A.....	B1345	2.25	Models 42, 44, 46, 47, No. 1830X.....	B1199	3.20
Models 31 and 32 Superhet.....	B1344	2.20	Models 50, 70, 71, 72, 75, 77, No. 1492MS.....	B1197	3.20
Models 20J, 20K and 20L.....	B1343	3.25	Model KA.....	B1196	3.45
Model 133.....	B1342	2.90	Model 43.....	B1206	3.40
Models 73 and 74.....	B1341	2.90	<b>FEDERAL</b>		
<b>BRANCOES</b>					
Models B-10 and B-11.....	B1335	.90	Model "H".....	B1180	2.65
Models B-15 and B-16.....	B1334	1.95	<b>FREED</b>		
<b>BREMER-TULLY</b>					
Models 8-20A, 8-21A.....	B1325	3.75	Models 55 and 56.....	B1245	2.45
Models 6-40, 6-41.....	B1324	3.50	Models 65, 78, 79, 90 and 95.....	B1244	2.45
Models 7-70, 7-71.....	B1323	3.40	<b>FREED-EISEMANN</b>		
Models S81, S82 Green Spot.....	B1312	.48	Model NR 57.....	B1170	2.95
Models 81, 82 Yellow Spot.....	B1315	.48	Model NR 70.....	B1169	3.70
<b>BRUNSWICK</b>					
Models PR-17-8.....	B1020	1.80	Model NR 80.....	B1168	1.95
Models 2KR0, 3KR0, 2KR6, 5KR0, 5KR6.....	B1019	.37	Model NR 85.....	B1167	3.45
Model 5N0 Power Unit.....	B1015	1.85	Model NR 11.....	B1166	2.95
Models 3NC8, 5NC8, Condenser Block.....	B1014	2.05	Model 480 A. C.....	B1165	1.95
Models 3NC8, 5NC8, Field Supply Filter.....	B1013	2.10	Model 480 D. C.....	B1164	1.95
Models 3NC8, 5NC8, Coupling Unit.....	B1012	2.70	<b>FRESHMAN</b>		
Models 15 and 22.....	B1309	3.50	Model "Q".....	B1155	1.50
Models 14, 21, 31 Red Spot.....	B1311	.48	Model "QD".....	B1154	2.70
Models S14, S21, S31 Green Spot.....	B1312	.48	Model N (all models).....	B1153	3.75
Models S14, S21, S31 Blue Spot.....	B1314	.48	Model G-60S.....	B1152	2.40
Models S14, S21, S31 Black Spot.....	B1313	.48	Model M-60S.....	B1151	3.40
<b>GENERAL ELECTRIC</b>					
			Models H-31, 51 and 71.....	B1005	2.75

# CONDENSER BLOCKS

	Stock No.	Your Cost
<b>GREBE</b>		
Model AC-6.....	B1130	\$2.95
Model SK-4.....	B1129	1.65
<b>GENERAL MOTORS</b>		
Models 120, 130, 140, 150 and 160. "A" Chassis.....	B1125	3.75
<b>GRAYBAR</b>		
Model 311.....	B1019	.37
Models 500, 550.....	B1016	2.25
Model 300.....	B1015	1.85
Model 340, Condenser Block.....	B1014	2.05
Model 340, Field Supply Filter.....	B1013	2.10
Model 340, Coupling Unit.....	B1012	2.70
Model 600.....	B1010	1.50
Model 600, By-Pass Assembly.....	B1009	3.95
Model 678.....	B1021	3.75
Models 700, 770, 900.....	B1005	2.75
<b>GULBRANSEN</b>		
Model 9 in Line.....	B1109	3.75
<b>HAMMARLUND</b>		
Model HIQ 30.....	B1105	4.25
Model HIQ 31.....	B1104	4.25
<b>KING</b>		
Model "J".....	B1100	4.25
<b>KOLSTER-COLUMBIA</b>		
Model 6-H.....	B1090	2.95
Models 6-J, 6-K, 6-R.....	B1089	2.65
Models K-20, 22, 25 and 27.....	B1280	1.45
Models K-21 and K-23.....	B1088	3.40
Model K-24.....	B1278	2.95
Model K-43.....	B1334	2.45
Model K-44.....	B1087	2.75
Model K-45.....	B1086	3.20
<b>MAJESTIC</b>		
Model 70, Series 7PB6 Power Unit.....	B1070	1.90
Model 80-180, 8PB6 Power Unit.....	B1069	3.75
Model 90, Series 9PB6 Power Unit.....	B1067	1.90
Models 90-B and 100-B.....	B1065	1.90
Models 50, 52.....	B1063	2.45
Model 20 Condenser and Input Transformer.....	B1064	4.40
Models 30 and 31 Condenser and Choke Assembly.....	B1066	3.90
60-61-62-160-163.....	B1068	3.40
<b>OZARKA</b>		
Model 90.....	B1075	.75
<b>PEERLESS</b>		
Model 65.....	B1045	2.45
Model 70.....	B1044	2.90
<b>PHILCO</b>		
Model 20.....	B1030	2.90
Model 65.....	B1029	1.80
Model 82.....	B1028	1.80
Model 86.....	B1027	1.80
Model 87.....	B1026	1.80
Model 511.....	B1025	1.80
Models 95, 96, 296, 111, 211, 112, 212.....	B1031	3.90
Models 76 and 77.....	B1032	3.75
<b>RCA-RADIOLA</b>		
Models 17 and 50.....	B1020	1.80
Models 18, 33 and 51.....	B1019	.37
Model 30-A Filter.....	B1018	2.95
Model 30-A By-Pass.....	B1017	2.95
Models 42, 48.....	B1021	3.75
Models 44, 46 and 47.....	B1016	2.25
Models 33, 44, D. C.....	B1002	1.75
Model 60.....	B1015	1.85
Model 62 Filter.....	B1014	2.05
Model 62 Field Filter.....	B1013	2.20
Model 62 Coupling Unit.....	B1012	2.70
Model 64 Filter Block.....	B1011	5.85
Model 66 Filter Block.....	B1010	1.50
Model 66 By-Pass Unit.....	B1009	3.95
Model 64 By-Pass Unit.....	B1008	1.45
Model 67 Filter Block.....	B1007	5.85
Model 67 By-Pass Unit.....	B1006	1.50
Models 80, 82 and 86.....	B1005	2.50
Model 41 Receptor Pack.....	B1004	2.65
Model 41 Sterling Pack.....	B1003	3.50
<b>SILVER-MARSHALL</b>		
Model 726.....	B989	1.85
30B, 60B, 76B, 90B, 95B.....	B990	3.90

	Stock No.	Your Cost
<b>SPARTON</b>		
Model AC-5.....	B980	\$3.40
Models AC-7, 62 and 63.....	B979	3.45
Model 109.....	B978	4.85
Model 89-A.....	B976	4.85
Models 69, 79 and 89.....	B975	3.70
Model 301-A.....	B974	4.40
Model 930.....	B973	3.40
Model 737.....	D3317	1.50
Models 589 and 931.....	D3317	1.50
<b>SONORA</b>		
Models B-30 and B-31.....	B950	2.90
A-32.....	B951	3.90
<b>SPLITDORF</b>		
Abbey, Jr.....	B523	1.25
Model M-6.....	B525	2.90
<b>STEINITE</b>		
Models 40-A and 45-A.....	B940	3.25
Models 40-C, 60-C and 102-C.....	B941	3.25
Models 50-A and 102-A.....	B939	3.90
Models 70, 80 and 95.....	B938	2.80
Models 261 and 262.....	B937	2.25
<b>STEWART-WARNER</b>		
Models using Majestic Power Unit.....	B930	2.95
Model 900 A. C. Series No. 61303.....	B929	1.75
Model 900-950 A. C. Series. Condenser and Choke Assembly.....	B928	3.75
100 A-B-E.....	B931	1.95
<b>STROMBERG-CARLSON</b>		
Models 10 and 11.....	B920	3.90
Models 12 and 14.....	B919	5.10
Models 635 and 636.....	B918	4.85
Model 638.....	B917	3.45
Models 641, 642, 652 and 654.....	B916	3.75
Models 846 and 848.....	B915	3.95
<b>VICTOR</b>		
Models 9-18 and 9-54.....	B1011	5.85
Models 9-18, 9-54 By-Pass Cond.....	B1008	1.45
Model AP, 736, Power Unit.....	B891	4.75
Model R-15.....	B1021	3.75
Models R-32, RE-45, R-52, RE-75.....	B890	.59
Models R-32, RE-45, R-52, RE-75; 4 Taps.....	B893	1.25
Models 35, 39 and 57.....	B892	3.25
Model 7-25.....	B1020	1.80
Models 7-11, 7-26.....	B1019	.37
<b>Eliminator Blocks</b>		
<b>DUMONT</b>		
"A" Eliminator Block.....	B858	2.75
<b>MAJESTIC</b>		
"A" Elim. Condenser.....	B849	2.45
"B" Super Condenser.....	B848	1.95
"B" Master Condenser.....	B847	1.95
"B" Special Master Condenser.....	B846	1.95
<b>BOSCH Condenser Blocks</b>		
<b>Model 28</b>		
	This is the original condenser block and filter choke for the above Eveready and Bosch receivers. Set utilizing 4-26s, 1-27, 2-71As and 1-80 tubes. Filter choke is 30 henries at 80 ma. 2 mfd. and 4 mfd. filter condenser at 400 volt. Metal container. Shpg. wt. 7 lbs.	
B1349—	Your Cost Each.....	\$2.45
<b>Model 48</b>		
	This duplicate replacement condenser block is similar to the above. It contains two filter chokes and seven microfarads of filter condenser.	
B1347—	Your Cost.....	\$2.25
<b>Models 58 and 60</b>		
Similar to above but for the 58 and 60.		
B1346—	Your Cost.....	\$3.25

# CONDENSER BLOCKS

## GENERAL MOTORS Model "A" Chassis: 120, 130, 140, 150, 160

### Filter Block

Made expressly for the above series of General Motors model receivers. Will fit the chassis exactly, changes are unnecessary. Guaranteed. Shpg. wt. 8 lbs.

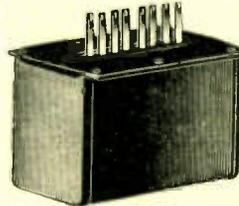


B1125  
Your Cost... **\$3.75**

### Radiola Model 64

#### Victor 9-18 and 9-54

Part No. 8368 Filter Capacitor



This Radiola Filter Condenser Bank contains: Four 4 mfd., one 2 mfd. and two 1 mfd. These capacitors are all brand new, using 1000 volt condensers of the very best foil and paper. Do not confuse

this block with the so-called replacements on the market. Shipping weight 13 lbs.  
B1011—List Price \$30.00  
Your Cost... **\$5.85**

### For RCA Model 67

This Replacement Filter Condenser, Part No. 8504, comprising three 2 mfd., two 4 mfd. and two 1 mfd. Similar in appearance to above. Shipping weight 13 lbs.  
B1007—List Price \$28.20  
Your Cost... **\$5.85**

### Graybar Model 340

#### Radiola Model 62

#### Brunswick

#### 3NC8, 5NC8

Part No. 8382

The original Radiola replacement filter condenser for the above models. Contains: One 4 mfd., two 3.5 mfd., one 1 mfd., three .5 mfd. Shipping weight 6 lbs.  
B1014—Your Cost... **\$2.05**



## Genuine ATWATER KENT

### Condensers

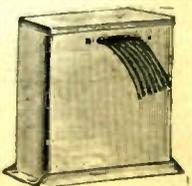
#### For Model 45

A. K. Part No. 14743, Condenser Block. Shpg. wt. 4 lbs.

B1370—  
Your Cost... **\$1.95**

### FADA Model 43 Condenser Block

Built according to the standards of the original Fada condenser bank No. 1865-X. Contains: 2 mfd. at 600 volts, 2 mfd. at 400 volts and 2-1.0 mfd. at 400 volts. Shipping weight 4 lbs.



B1206—  
Your Cost... **\$3.40**

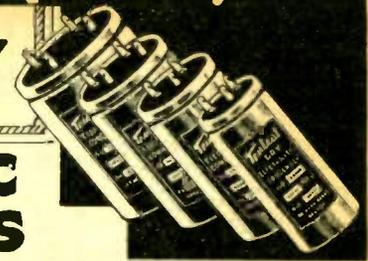
### Models 42, 44, 46, 47, No. 1830X

Similar in appearance to the above. Contains 7.1 microfarads of condenser.  
B1139—Your Cost... **\$3.20**

there's no substitute for quality--

use

# TruTest DRY ELECTROLYTIC CONDENSERS



Preferred By Servicemen, Engineers and Manufacturers



**Single 8 Mfd. Can**  
This TruTest 8 mfd., 500 v., peak condenser is used in new installations and replacements. In round aluminum can, of standard size, fits hole for 3/4" studs. Can is insulated from the condenser sections and not grounded. Guaranteed. Shipping weight 1 lb. **D3324—**  
**Your Cost Each.....59¢**  
Six for.....\$3.35

**Dry Electrolytic Condensers for AC-DC Sets**



**Filter and By-Pass Units for Compact Receivers**

These condensers are made expressly for the new A. C.-D. C. sets such as Lafayette, International, Belmont, Emerson, etc. They will fit perfectly.

Stock No.	Cap'y Mfd.	Oper. Volt.	Dimensions	Your Cost
D3160	5-5*	25	1 1/2 x 1 1/2 x 2 1/2	\$0.50
D3161	10-10*	25	1 1/2 x 1 1/2 x 2 1/2	.50
D3162	8-4*	150	1 1/2 x 1 1/2 x 2 1/2	.85
D3163	8-8-4*	200	1 1/2 x 1 1/2 x 4 1/2	1.40
D3164	8-8-8*	200	1 1/2 x 1 1/2 x 4 1/2	1.50
D3165	8-8-15*	200	1 1/2 x 1 1/2 x 4 1/2	1.65
D3166	12-4*	150	1 1/2 x 1 1/2 x 2 1/2	.95
D3167	12-8*	200	1 1/2 x 1 1/2 x 4 1/2	1.20
D3168	16-8*	200	1 1/2 x 1 1/2 x 2 1/2	1.25
D3169	4-4*	150	1 1/2 x 1 1/2 x 2 1/2	.67
D3170	4-4*	200	1 1/2 x 1 1/2 x 2 1/2	.75
D3171	12-4*	150	1 1/2 x 1 1/2 x 2 1/2	.95
D3172	12-4*	200	1 1/2 x 1 1/2 x 2 1/2	1.05
D3155	16-8†	200	1 1/2 x 1 1/2 x 4 1/2	1.25
D3156	16-16†	200	1 1/2 x 1 1/2 x 4 1/2	1.45
D3157	4-16-8 SP 150	150	1 1/2 x 1 1/2 x 4 1/2	1.60
D3158	4-4†	150	1 1/2 x 1 1/2 x 2 1/2	.70
D3159	4-4†	200	1 1/2 x 1 1/2 x 2 1/2	.75

\* Common Terminal Negative. † Com. Term. Pos. SP. Com. Term. Spec.

**Single 8 Mfd. Cardboard**

The most popular size in this very popular line of condensers at an exceptionally LOW PRICE. This 8 mfd. condenser has a heavily waxed cardboard container and a peak voltage rating of 500 V. Size 4 1/4 x 1 1/2 x 3/4". Shpg. wt. 1 lb. **D3348—List \$1.00**  
**Your Cost.....55¢**  
Six for.....\$3.10



**Multiple Sections Can Type**



These multiple section can type condensers have been scientifically designed. The excellent power factor characteristic of these units, under normal temperature conditions, means that electrostatic and effective capacities are practically the same, resulting in efficient filtering.

Stock No.	Cap'y Mfd.	Can. at Anodes Diam."	Your Cost	Six For
D3316	8-8	2 1/2	\$1.30	\$7.40
D3317	5-15	2 1/2	1.45	8.25
D3325	8-18	3	1.98	11.25
D3327	18-18	3	2.65	15.00
D3331	4-4-4	2 1/2	1.45	8.25
D3318	8-8-8	3	1.75	9.85
D3320	9-9-18	3	2.60	14.75
D3319	8-8-8-8	3 1/4	2.45	13.75
D3321	8-8-18-18	3 1/4	3.95	22.50

**Multiple Sections Cardboard Container**



These multiple section condensers are made in two styles. One in plain cardboard container, used for sub-base and sub-panel mounting; the other in a rectangular aluminum can, for mounting above the base, on and about the chassis. The condenser sections are thoroughly insulated from each other. Separate terminals are brought out from each section. The capacity of these condensers is practically constant over a wide frequency range, with low power factor under any ordinary conditions of use. Overall height 4 3/4". Are of 500 volt D. C. peak voltage, unless otherwise listed. Plain cardboard, dual sections. Compact, electrolytic, for A. C. and D. C. sets.

**Plain Cardboard Filter and General By-Pass Units**

Suitable for use in the manufacture of radio sets or for replacement work to substitute for wax paper condenser blocks. They are light and compact and can be mounted in any position. Free from trouble even under operation at unusually high temperatures. Used for filter sections, cathode, and "C" bias by-pass condensers.



**Cardboard Container—500 Volts Peak**

Stock No.	Cap'y Mfd.	Size	Your Cost Each	Six For
D3351	2	2 1/2 x 1 1/2 x 1 1/2	\$0.38	\$2.20
D3346	4	1 1/2 x 1 1/2 x 4 1/2	.42	2.40
D3347	6	1 1/2 x 1 1/2 x 4 1/2	.47	2.65
D3348	8	1 1/2 x 1 1/2 x 4 1/2	.55	3.10
D3349	10	1 1/2 x 1 1/2 x 4 1/2	.70	3.90
D3350	12	1 1/2 x 1 1/2 x 4 1/2	.88	4.90

Stock No. Cap'y Mfd. Volt. Size Your Cost Each

D3353	10	50	1 1/2 x 1 1/2 x 2 1/2	\$0.38
D3354	25	25	1 1/2 x 1 1/2 x 2 1/2	.43

**Cardboard Type**



Cardboard Type, two heavy mounting flanges, mounts under chassis. Separate terminals for each section.

Stock No.	Cap. Mfd.	Size Inches	Your Cost Each
D3369	8	1 1/2 x 1 1/2 x 4 1/2	\$0.58
D3370	4-4	1 1/2 x 1 1/2 x 4 1/2	.78
D3371	4-6	1 1/2 x 1 1/2 x 4 1/2	.92
D3372	4-8	1 1/2 x 1 1/2 x 4 1/2	1.00
D3373	6-6	1 1/2 x 1 1/2 x 4 1/2	1.00
D3374	6-8	1 1/2 x 1 1/2 x 4 1/2	1.14
D3375	8-8	1 1/2 x 1 1/2 x 4 1/2	1.19

Stock No.	Capacity Mfda.	Working Voltage	Your Cost Each
D3361	4-4	200	\$0.50
D3362	5-5	35	.44

Stock No.	Cap. in Mfda.	Size	Your Cost Each
D3337	4-4	1 1/2 x 1 1/2 x 4 1/2	\$0.78
D3339	4-8	1 1/2 x 1 1/2 x 4 1/2	.98
D3341	6-8	1 1/2 x 1 1/2 x 4 1/2	1.10
D3342	8-8	1 1/2 x 1 1/2 x 4 1/2	1.18
D3364	4-4-4	1 1/2 x 2 x 4 1/2	1.10
D3366	8-8-8	1 1/2 x 2 x 4 1/2	1.65

Rectangular aluminum cans. Single and multiple sections. 500 volts D. C. peak.

Stock No.	Cap. in Mfda.	Size Inches	Your Cost Each
D3344	4-8	1 1/2 x 1 1/2	\$1.15
D3345	6-8	1 1/2 x 1 1/2	1.25
D3305	4-4-4	2 1/2 x 1 1/2	1.25
D3306	6-6-6	2 1/2 x 1 1/2	1.50
D3307	8-8-8	2 1/2 x 1 1/2	1.90

**Inverted Type**

Stock No.	Cap'y Mfd.	Your Cost Each	Six For
D3323	4	\$0.50	\$2.80
D3326	4-4	.85	4.75
D3335	4-8	1.00	5.65

**Dry Electrolytic Cartridge Condensers**



Enclosed in waxed cardboard containers with metal ends and 1 1/2" tinned wire leads. Hermetically sealed to prevent losses due to moisture. Very compact, making them convenient to use.

Stock No.	Cap'y Mfd.	Working Volts	Your Cost Each	Six For
D3380	5	25	\$0.24	\$1.35
D3381	10	25	.25	1.40
D3382	25	25	.29	1.60
D3383	50	25	.35	1.95
D3384	5	50	.30	1.70
D3295	10	50	.35	1.95
D3297	25	50	.38	2.10
D3387	5	110	.35	1.95
D3388	10	110	.44	2.50
D3389	1	220	.34	1.90
D3390	2	220	.38	2.15
D3391	4	220	.44	2.50

**Low Voltage Electrolytic Condensers**



In round metal can with 1/2" mounting studs. For A. C. and D. C. sets. **D3358—25 mfd., 50 volts.**  
**Your Cost Each.....70¢**

# Truest BY-PASS CONDENSERS

## Single Unit By-Pass



Universal mounting types, and compactness for general purpose work. Hermetically sealed in

drawn aluminum cans. Each condenser unit tested at 1000 volts D. C. Assuring you of a quality replacement.

Stock No.	Cap'y.	Voltage	Your Cost Each
D3260	.1	200	\$0.20
D3261	.25	200	.24
D3262	.5	200	.29
D3263	1.0	200	.32
D3264	2.0	200	.54
D3265	.1	300	.21
D3266	.25	300	.28
D3267	.5	300	.32
D3268	1.0	300	.49
D3269	.1	400	.23
D3270	.25	400	.29
D3271	.5	400	.38
D3272	1.0	400	.49

## Multi-Unit By-Pass

Stock No.	Cap'y.	Voltagess	Your Cost Each
D3273	.1-1	200	\$0.32
D3274	.1-1-1	200	.42
D3275	.25-25	200	.36
D3276	.5-5	200	.47
D3281	.1-1	300	.36
D3282	.25-25	300	.45
D3283	.5-5	300	.59
D3277	.1-1	400	.35
D3278	.1-1-1	400	.48
D3279	.25-25	400	.48
D3280	.5-5	400	.60



## Truest Midget Cartridge Condensers

These Condensers are very compact, half the size of average cartridge condensers. Especially adaptable to A. C. D. C. sets, or where space is a factor. Sealed at ends, leads cannot pull out.

Stock No.	Cap'y.	Work. Volt.	Your Cost	Stock No.	Cap'y.	Work. Volt.	Your Cost
D3173	.01	200	\$0.08	D3185	.002	600	\$0.08
D3175	.05	200	.08	D3186	.006	600	.08
D3176	.1	200	.08	D3187	.01	600	.09
D3177	.25	200	.12	D3188	.02	600	.11
D3178	.5	200	.16	D3189	.05	600	.12
D3179	.01	400	.08	D3190	.1	600	.14
D3180	.02	400	.08	D3191	.25	600	.17
D3181	.05	400	.09	D3192	.05-.05	200	.15
D3182	.1	400	.11	D3193	.1-1	200	.19
D3183	.25	400	.13	D3194	.25-.25	200	.30
D3174	.5	400	.23	D3195	.05-.05	400	.20
D3184	.001	600	.08	D3196	.1-1	400	.24

## Handy Cartridge Condenser Assortment

Complete assortments of the most popular sizes used in average service work. It is the most convenient way of always being certain to have the correct size on hand. The handy card can be hung over the service bench and refilled as used up. This eliminates searching through a box for a needed size. Contains one of each of the following condensers:



Strip "A"			Strip "B"		
.1	200 Volt	.01 600 Volt	.05	200 Volt	.002 600 Volt
.5	200 Volt	.02 600 Volt	.25	200 Volt	.05 600 Volt
.01	400 Volt	.1 600 Volt	.05	200 Volt	.1 600 Volt
.05	400 Volt	.25 600 Volt	.02	400 Volt	.1-1 200 Volt
.1	400 Volt	.05-.05 200 Volt	.25	400 Volt	.25-.25 200 Volt
.006	600 Volt	.1-1 400 Volt	.001	600 Volt	.05-.05 400 Volt

D3197—Strip "A" **\$1.35** Your Cost  
D3198—Strip "B" **\$1.55** Your Cost

## Truest Assorted By-Pass Condensers



A very handy assortment for the Service Man. Contains 12 of the most popular capacities in drawn metal cans; assorted as follows, Shipping weight 3 lbs.

The following capacities at 200 volts: One .1, one .25, two .5, two 1., 300 volts, one .1, one .25, one .5, one 1., at 400 volts, one .5, one 1.  
D3289—**\$3.65**  
Your Cost

## Truest Cartridge Condenser Kit

Contains 25 of the most popular capacities used to service every make and type of receiver. Every service man should have this Kit in his shop. The following are the capacities and voltage ratings:

Units	Cap.	Volts	Units	Cap.	Volts
4	.01	400	2	.05	400
4	.02	600	2	.05-.05	400
4	.1	200	2	.25	400
3	.1	600	2	.5	200
2	.006	600			

Shipping weight 4 lbs.  
D3199—Complete Kit of 25.  
Your Cost **\$2.59**

## COLONIAL By-Pass Condenser



No. 1748-SA For Model 32 The genuine Colonial By-pass condenser. .1 .1 .5 mfd.

B688 Your Cost Each **55¢**  
Similar in appearance to above. Part No. 1728-SA. .1 .1 .25 .1 mfd. B691 Your Cost Each **98¢**

## SPARTON Tubular Condensers

New and improved type, fully shielded in a metal shell. Made expressly for Sparton replacement.

B545—.25 mfd. Your Cost Each **33¢**  
B546—.5 mfd. Your Cost Each **39¢**  
B547—1.0 mfd. Your Cost Each **49¢**

## Cardboard Container

B511—.25 mfd. B512—.5 mfd. B513—1.0 mfd. Your Cost (Either Type) **33¢**

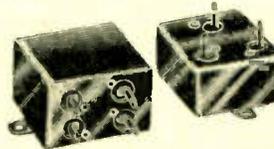
## MAJESTIC 70, 90, 180 Series

By-Pass Condenser, .5 .5 mfd. Original Majestic Part No. 717. Shipping weight 1 lb. C2108 Your Cost **19¢**

## CROSLY Replacements

These replacement by-pass condensers are made for replacement in Crosley receivers. They EXACTLY DUPLICATE the original in every respect. The listing below covers the entire Crosley line of receivers. All are brand new and guaranteed. Shipping weight 10 oz.

Stock No.	Crosley Part No.	Your Cost
B700	W4013-B	\$0.59
B701	W4232-B	.75
B703	W4381-B	.48
B704	W4919	.30
B705	W4968	.65
B706	W5862	.95
B707	W5863	.80
B708	W5943	.42
B709	W6428	.50
B710	W7753	.65



Stock No.	Crosley Part No.	Your Cost
B711	W7944	\$0.40
B712	W20186	.60
B713	W20187	.49
B715	W20446	.65
B716	W20447	.30
B717	W20449	.42
B718	W22412	.65
B719	W22995	.42
B720	W23736	.65

## RCA-VICTOR Replacements

By-Pass Condenser Block For RCA 80, 82, 86; G. E. H-31, H-51, H-71; Westinghouse WR-5, 6, 7. Part No. 7058



Contains three .1 mfd. and one 0.5 mfd. and one 1.0 mfd. in metal container. An exceptionally well built condenser. Can be used in general by-pass work. Shipping weight 2 lbs. B532—Your Cost **45¢**

## Radiola Model 64

Victor Models 9-18, 9-54

Part No. 5862 By Pass Assembly The Original Radiola By-Pass Condenser Assembly. Contains one 2 mfd., two 1.5 mfd. and three 1 mfd. Shipping weight 3 lbs. B1008—List \$9.90 Your Cost **\$1.45**



## Models

R-32 RE-45

R-52 RF-75

Part No. 60074. .1-1 .125 mfd. B478—



Your Cost **20¢**  
Part No. 60564: .1 .1 .1 mfd. B479—Your Cost **20¢**  
Part No. 60835: .1 mfd. B480—Your Cost **12¢**

## ATWATER KENT By-Pass Condensers

### Speaker By-Pass Condenser



D3961—Your Cost Each **65¢**

For A.K. Models 37, 38, 40, 46, 42 and 44.

These condensers are guaranteed to give service equal or superior to the originals. No better obtainable at any price. Exact size. Shipping weight 4 oz.

### R.F. By-Pass Condenser

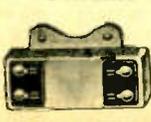


Shipping weight 8 oz. D3960 Your Cost Each **79¢**

For Models 37, 38, 40, 42, 44 and 46.

The very best condensers obtainable for these receivers.

## Genuine ATWATER KENT Replacements



These are original Atwater Kent parts. The real thing, not an outside manufacture. B1426—Atwater Kent Part No. 16745 Condenser H-7, H-8, H-13. B1427—Atwater Kent Part No. 16462 Condenser H-5, H-11. Your Cost (Either Type) **39¢**

# AEROVOX Dependable



## AEROVOX By-pass Condensers



These condensers are probably better known to manufacturers and servicemen than any line of by-passes on the market. Made of special foil, non-inductive dielectric, thoroughly impregnated, and compactly built. Are available in capacities and voltage ratings used in standard radio circuits, and are particularly suitable for all replacement work. Mounted by means of a strip on each side of the can, with  $\frac{1}{8}$ " hole.

### Type 60 Single Section

Size  $2\frac{1}{2}$ " long,  $1\frac{1}{2}$ " wide,  $\frac{3}{8}$ " high. Your Cost

Stock No.	Cap'y Mfd.	Working Voltage	Your Cost Each
D3874	.05	400	\$0.42
D3875	.1	400	.45
D3876	.25	400	.48
D3877	.5	400	.54
D3878	.05	500	.45
D3879	.1	500	.48
D3880	.25	500	.54
D3881	.05	600	.48
D3882	.1	600	.51
D3883	.25	600	.60

### Type 60 Multiple Section

Stock No.	Cap'y Mfd.	Working Voltage	Your Cost Each
D3884	1.-1	400	\$0.51
D3885	.25-.25	400	.60
D3886	1.-1-1	400	.72
D3887	1.-1	500	.57
D3888	1.-1	600	.60



### Type 61 Single Section

Size  $2\frac{1}{2}$ " long,  $1\frac{1}{2}$ " wide,  $1\frac{1}{8}$ " high (\* $1\frac{1}{2}$ " high).

Stock No.	Cap'y Mfd.	Working Voltage	Your Cost Each
D3889	1.	400	\$0.75
D3890	.5	500	.60
D3891*	1.	500	.90
D3892	.5	600	.72

### Type 61 Multiple Section

Stock No.	Cap'y Mfd.	Working Voltage	Your Cost Each
D3893	.5-.5	400	\$0.78
D3894	.25-.25	500	.66
D3895	.5-.5	500	.90
D3896	1.-1-1	600	.96
D3897	.25-.25	600	.90

### Type 62 Single Section

Size  $2\frac{3}{4}$ " long,  $2\frac{1}{4}$ " wide, 1" high (\* $1\frac{1}{2}$ " high).

Stock No.	Cap'y Mfd.	Working Voltage	Your Cost Each
D3898*	2.	400	\$1.11
D3899	1.	600	.99

### Type 62 Multiple Section

Stock No.	Cap'y Mfd.	Working Voltage	Your Cost Each
D3900	1.-1.	400	\$1.20
D3901	.5-.5	600	1.20

## Electrolytic Condensers

### Type SM 300 V. D.C. Working

A new development in electrolytic condenser construction allows a very compact condenser of large capacity and high voltage.



Stock No.	Cap'y of Sec's	Size, L. D.	Your Cost
D4000	4	$2\frac{1}{2}$ x1	\$0.87
D4001	6	$2\frac{1}{2}$ x1	1.02
D4002	8	$3\frac{1}{2}$ x1	1.05

### 200 Volt D. C. Working

D4004	2	$2\frac{1}{2}$ x1	.66
D4003	4	$1\frac{1}{2}$ x1	.78
D4005	8	$2\frac{1}{2}$ x1	.96

### 150 Volt D. C. Working

D4006	4	$1\frac{1}{2}$ x1	.72
D4007	8	$2\frac{1}{2}$ x1	.90

### 100 Volt D. C. Working

D4008	10	$1\frac{1}{2}$ x1	.87
D4009	16	$2\frac{1}{2}$ x1	1.02
D4010	20	$2\frac{1}{2}$ x1	1.08
D4011	25	$2\frac{1}{2}$ x1	1.14

### 50 Volt D. C. Working

D4012	5	$1\frac{1}{2}$ x1	.60
D4013	10	$1\frac{1}{2}$ x1	.75
D4014	16	$1\frac{1}{2}$ x1	.87
D4015	20	$2\frac{1}{2}$ x1	.93
D4016	25	$2\frac{1}{2}$ x1	.99

### Type MM 300 V. D.C. Working

This is the same type of condenser as the type SM but it has a flat mounting bracket for fastening the condenser under a very low chassis. Will fit in a space slightly over 1".



Stock No.	Cap'y of Sec's	Size, L. D.	Your Cost
D4017	4	$2\frac{1}{2}$ x1	\$0.87
D4018	6	$2\frac{1}{2}$ x1	1.02
D4019	8	$3\frac{1}{2}$ x1	1.05

### 200 Volt D. C. Working

D4021	2	$2\frac{1}{2}$ x1	.66
D4020	4	$1\frac{1}{2}$ x1	.78
D4022	8	$2\frac{1}{2}$ x1	.96

### 150 Volt D. C. Working

D4023	4	$1\frac{1}{2}$ x1	.72
D4024	8	$2\frac{1}{2}$ x1	.90

### 100 Volt D. C. Working

D4025	10	$1\frac{1}{2}$ x1	.87
D4026	16	$2\frac{1}{2}$ x1	1.02
D4027	20	$2\frac{1}{2}$ x1	1.08
D4028	25	$2\frac{1}{2}$ x1	1.14

### 50 Volt D. C. Working

D4029	5	$1\frac{1}{2}$ x1	.60
D4030	10	$1\frac{1}{2}$ x1	.75
D4031	16	$1\frac{1}{2}$ x1	.87
D4032	20	$2\frac{1}{2}$ x1	.93
D4033	25	$2\frac{1}{2}$ x1	.99



### Type E 525 V. Surge Peak This Condenser is Made in Many Sizes

Stock No.	Cap'y of Sec's	Size, Inches L. D.	Your Cost
D3490	5-15	$4\frac{1}{2}$ x $2\frac{1}{2}$	\$2.46
D3503	8	$4\frac{1}{2}$ x $2\frac{1}{2}$	1.11
D3564	8-8	$4\frac{1}{2}$ x $2\frac{1}{2}$	1.95
D3498	8-16	$4\frac{1}{2}$ x $3\frac{1}{2}$	2.46
D3505	8-8-8	$4\frac{1}{2}$ x $3\frac{1}{2}$	2.94
D3491	9-9-18	$4\frac{1}{2}$ x $3\frac{1}{2}$	4.29
D3506	8-8-8-8	$4\frac{1}{2}$ x $3\frac{1}{2}$	3.93
D3492	9-9-18-18	$4\frac{1}{2}$ x $3\frac{1}{2}$	6.03

### Type PR 50 V. D.C. Working



This is a cardboard container condenser of the cartridge type. It is low voltage and is useful in bypassing biasing resistors and points of low D. C. voltage. Very useful for replacement condensers in the new A. C.-D. C. sets.

Stock No.	Cap'y of Sec's.	Size, Ins. L. D.	Your Cost
D4052	10	$2\frac{1}{2}$ x $\frac{3}{4}$	\$0.63
D4053	20	$2\frac{1}{2}$ x $1\frac{1}{2}$	.81
D4054	25	$2\frac{1}{2}$ x $1\frac{1}{2}$	.87
D4055	50	$2\frac{1}{2}$ x $1\frac{1}{2}$	1.29

**25 V. D. C. WORKING**

D4056	20	$2\frac{1}{2}$ x $1\frac{1}{2}$	.63
D4057	50	$2\frac{1}{2}$ x $1\frac{1}{2}$	1.02

### Type EE 525 V. Surge Peak

This condenser is only  $1\frac{1}{2}$ " in diameter. It is an upright type and is useful in all sets or amplifiers that have enough vertical room to clear the top terminals. A ring is used for mounting, and only small holes have to be drilled for that purpose.



Stock No.	Cap'y of Sec's	Size, L. D.	Your Cost
D4083	4-4	$3\frac{1}{2}$ x $1\frac{1}{2}$	\$1.41
D4084	4-8	$4\frac{1}{2}$ x $1\frac{1}{2}$	1.56
D4085	6-6	5 x $1\frac{1}{2}$	1.68
D4086	6-8	5 x $1\frac{1}{2}$	1.71
D4087	8-8	5 x $1\frac{1}{2}$	1.71

**Type EM 525 Volt Surge Peak**

D4088	4	$2\frac{1}{2}$ x1	\$0.93
D4089	6	$4\frac{1}{2}$ x1	1.08
D4090	8	$4\frac{1}{2}$ x1	1.11

### Type GG 525 V. Surge Peak

This is probably the most popular style of this popular line of condensers. It mounts as an inverted type with a large nut. Especially suited to small A. C.-D. C. sets because they are small in size and will stand high temperatures. Recommended over the cardboard type.



Stock No.	Cap'y of Sec's	Size, L. D.	Your Cost
D4058	4-4	$3\frac{1}{2}$ x $1\frac{1}{2}$	\$1.41
D4059	4-8	$4\frac{1}{2}$ x $1\frac{1}{2}$	1.56
D4060	6-6	5 x $1\frac{1}{2}$	1.68
D4061	6-8	5 x $1\frac{1}{2}$	1.71
D4062	8-8	5 x $1\frac{1}{2}$	1.71

**Type GM 525 V. Surge Peak**

D4063	4	$2\frac{1}{2}$ x1	\$0.93
D4064	6	$2\frac{1}{2}$ x1	1.08
D4065	8	$3\frac{1}{2}$ x1	1.11

Similar to GG but not grounded.

D3520	4	$2\frac{1}{2}$ x $1\frac{1}{2}$	\$0.93
D3521	6	$4\frac{1}{2}$ x $1\frac{1}{2}$	1.08
D3522	8	$4\frac{1}{2}$ x $1\frac{1}{2}$	1.11
D3523	10	$4\frac{1}{2}$ x $1\frac{1}{2}$	1.35
D3537	12	$4\frac{1}{2}$ x $1\frac{1}{2}$	1.50

Special insulating piece with can lug for Type GM condensers. **6c**

D4066 - Your Cost

### Type P5 525 V. Surge Peak

This is the ever-popular cardboard type of condenser of which so many are in use. A wonderful replacement condenser for service work. It is made in many sizes and voltages and will exactly fit in most sets.



Stock No.	Cap'y of Sec's	Size, L. W. T.	Your Cost
D3527	4	$4\frac{1}{2}$ x $1\frac{1}{2}$ x $1\frac{1}{8}$	\$0.81
D3532	4-4	$4\frac{1}{2}$ x $1\frac{1}{2}$ x $1\frac{1}{8}$	1.32
D3528	4-6	$4\frac{1}{2}$ x $1\frac{1}{2}$ x $1\frac{1}{8}$	1.41
D3533	4-8	$4\frac{1}{2}$ x $1\frac{1}{2}$ x $1\frac{1}{8}$	1.44
D3489	4-10	$4\frac{1}{2}$ x $1\frac{1}{2}$ x $1\frac{1}{8}$	1.56
D3534	6-8	$4\frac{1}{2}$ x $1\frac{1}{2}$ x $1\frac{1}{8}$	1.56
D3530	8	$4\frac{1}{2}$ x $1\frac{1}{2}$ x $1\frac{1}{8}$	.99
D3535	8-8	$4\frac{1}{2}$ x $1\frac{1}{2}$ x $1\frac{1}{8}$	1.59

**100 Volt D. C. Working**

D4042	10	$2\frac{1}{2}$ x $1\frac{1}{2}$ x $1\frac{1}{8}$	.75
D4043	20	$2\frac{1}{2}$ x $1\frac{1}{2}$ x $1\frac{1}{8}$	.99
D4044	25	$2\frac{1}{2}$ x $1\frac{1}{2}$ x $1\frac{1}{8}$	1.02
D4045	50	$2\frac{1}{2}$ x $1\frac{1}{2}$ x $1\frac{1}{8}$	1.59

**50 Volt D. C. Working**

D4047	10	$2\frac{1}{2}$ x $1\frac{1}{2}$ x $1\frac{1}{8}$	.63
D4048	20	$2\frac{1}{2}$ x $1\frac{1}{2}$ x $1\frac{1}{8}$	.81
D4049	25	$2\frac{1}{2}$ x $1\frac{1}{2}$ x $1\frac{1}{8}$	.87
D4050	50	$2\frac{1}{2}$ x $1\frac{1}{2}$ x $1\frac{1}{8}$	1.29

## SOLAR Mica Condensers



Moulded in bakelite. Not affected by extreme temperature, moisture, or chemical action. Popular with servicemen.

Stock No.	Capacity	Your Cost
D3450	.00005	\$0.11
D3451	.00007	.11
D3452	.0001	.09
D3454	.0002	.09
D3455	.00025	.09
D3458	.0005	.09
D3463	.001	.12
D3465	.002	.15
D3466	.0025	.16
D3467	.003	.18
D3468	.004	.20
D3469	.005	.22
D3470	.006	.25
D3474	.01	.39



With Leads Stock No.	With Lugs Stock No.	Capacity	Your Cost
D3400	D3426	.000025	\$0.12
D3401	D3427	.00003	.12
D3402	D3428	.00004	.12
D3403	D3429	.00005	.09
D3404	D3430	.00007	.09
D3405	D3431	.0001	.09
D3407	D3433	.0002	.09
D3408	D3434	.00025	.09
D3409	D3435	.0003	.09
D3420	D3436	.0004	.09
D3411	D3437	.0005	.10
D3416	D3442	.001	.12
D3418	D3444	.002	.15
D3419	D3445	.0025	.16
F 3420	D3446	.003	.18
D3421	D3447	.004	.20

# Quality CONDENSERS



## Wire Wound Resistors



Type 986

For use in A. C. filament circuits. Terminals solidly anchored. Units center tapped and terminal lugs designed to simplify mounting and connections. Guaranteed accuracy 10%. Available in the following resistance values: (state value wanted).

Ohms	Ohms	Ohms	Ohms
10	30	50	100
20	40	60	200

D3970—Specify size  
Your Cost Each ..... **18¢**



Wire wound. Low inductance and distributed capacity. Ideally suited for use as grid suppressors. Securely fastened terminal lugs designed for easy mounting. Available in following ohmage (state value wanted):

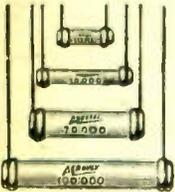
Ohms	Ohms	Ohms	Ohms	Ohms
100	250	500	750	1000

D3971—Specify size  
Your Cost Each ..... **15¢**

Ohms	Ohms	Ohms
1250	1500	2000

D3972—Specify size  
Your Cost Each ..... **15¢**

## Aerovox Cement-coated Wire Wound Resistors



Designed especially to meet requirements for low priced high resistance units of small dimensions and high wattage carrying capacity. They are wound on porcelain tube with special high grade wire of low temperature coefficient. Entire unit coated with a newly developed refractory compound which will not chip or crack. Have terminal leads 2" long. This is the ideal resistance to use where a heavy current is to be carried and there is not very much space available. One such place would be biasing a 43 tube in a small A. C.-D. C. set.

Stock No.	Resist. Ohms	List Price	Your Cost
-----------	--------------	------------	-----------

### 5 WATTS (1/4x1")

X20200	500		
X20201	1000	\$0.45	\$0.27
X20202	5000		
X20203	10000		

### 10 WATTS (1/2x1 1/4")

X20204	1000		
X20205	5000	.45	.27
X20206	10000		
X20207	20000		

### 15 WATTS (3/8x2")

X20209	5000		
X20210	10000		
X20211	20000	.85	.51
X20212	30000		
X20214	50000		
X20215	70000		

### 20 WATTS (1/2x3")

X20217	20000		
X20218	30000		
X20219	40000	1.00	.60
X20220	50000		
X20221	75000		
X20222	100000		

## Type 1450 Mica



Moulded in bakelite. Capacity predetermined by a patented process. Not affected by extreme temperature, moisture and chemical action. Size 1 1/4" square. Working volt, 500.

Stock No.	Capacity	List	Net
D3844	.00004	\$0.45	\$0.27
D3845	.00005	.45	.27
D3846	.00007	.45	.27
D3847	.000075	.45	.27
D3848	.0001	.45	.27
D3849	.00015	.45	.27
D3850	.0002	.45	.27
D3851	.00025	.45	.27
D3852	.00037	.45	.27
D3853	.0005	.45	.27
D3854	.001	.45	.27
D3855	.0015	.45	.27
D3856	.002	.50	.30
D3857	.0025	.50	.30
D3858	.003	.65	.39
D3859	.004	.65	.39
D3860	.005	.65	.39
D3861	.006	.65	.39
D3862	.008	.90	.54
D3863	.01	1.05	.63
D3864	.015	1.25	.75
D3865	.02	1.50	.90
D3866	.025	2.30	1.38
D3867	.03	2.80	1.68
D3869	.04	3.75	2.25

## Type 1460 Mica



One of the most popular mica types with servicemen, experimenters and set builders. Has two holes through body for mounting, in addition to the two tinned lugs. Mounting centers either 1 1/4" or 1 3/8". Ruby mica dielectric. Very compact. D. C. working volt. 450.

Stock No.	Capacity	List	Net
D3801	.00004	\$0.30	\$0.18
D3802	.00005	.30	.18
D3803	.00007	.30	.18
D3804	.000075	.30	.18
D3805	.0001	.30	.18
D3806	.00015	.30	.18
D3807	.0002	.30	.18
D3808	.00025	.30	.18
D3809	.00037	.35	.21
D3810	.0005	.35	.21
D3811	.001	.35	.21
D3812	.0015	.35	.21
D3813	.002	.50	.30
D3814	.0025	.50	.30
D3815	.003	.55	.33

## Mica Assortment Type 1460 A Handy Kit for the Serviceman



Rather than buy condensers haphazardly it will pay the serviceman to purchase this initial assortment and then refill as they are used up. A good selection of capacities in general use. Genuine Aerovox Type 1460 molded Bakelite units. Combination mounting type. Kit consists of the following units: 3—.0001, 3—.0002, 5—.00025, 3—.0005, 3—.001, 3—.002, 2—.003 and 2—.00005 mfd. Shipping weight 4 lbs.

D3800—Kit of 24 Units  
Your Cost ..... **\$4.59**

## Type 1467 Mica



Equipped with wire leads for connections. Size 2 1/2" square. Ruby mica dielectric thoroughly impregnated. D. C. working voltage. 250.

Stock No.	Cap'y Mfda.	List Price	Your Cost
D3787	.00004	\$0.30	\$0.18
D3788	.00005	.30	.18
D3789	.00007	.30	.18
D3790	.000075	.30	.18
D3791	.0001	.30	.18
D3792	.00015	.30	.18
D3793	.0002	.30	.18
D3794	.00025	.30	.18
D3795	.00037	.35	.21
D3796	.0005	.35	.21
D3797	.001	.35	.21
D3798	.0015	.35	.21
D3799	.002	.50	.30



## Aerovox Filter Condensers

Non-inductive. Paper dielectric. Ideal for bypassing 90, 135 and 180 volt taps of voltage divider circuit. Thoroughly impregnated with

special formula compound. The safety factor and insulation resistance are in excess of the R. M. A. standards. Metal cans.

Stock No.	Cap'y Mfda.	Size Inches	Your Cost
400 V. D. C. Working Voltage			
D3944	1	1 1/4x1 1/4x 1 1/2	\$0.63
D3945	1.0	2 1/2x1 1/2x 1 1/2	.84
D3946	2.0	2 1/2x1 1/2x1 1/2	1.20
600 V. D. C. Working Voltage			
D3947	1	1 1/2x1 1/2x 1 1/2	.69
D3948	1.0	2 1/2x1 1/2x1 1/2	1.11
D3949	2.0	2 1/2x1 1/2x2 1/2	1.65

## Aerovox Cartridge Condensers



Wax impregnated, paper wrapped. Very compact. Non-inductive. High insulation resistance. Ideal as a replacement by-pass condenser. Will fit in small space.

Stock No.	Cap'y Mfda.	Working Voltage	Net Each
D3920	.01	400	\$0.15
D3922	.02	400	.18
D3923	.03	400	.18
D3924	.05	400	.18
D3925	.1	400	.21
D3926	.25	400	.27
D3904	.5	400	.36
D3934	1-1	400	.36
D3905	.006	600	.15
D3906	.01	600	.15
D3902	.015	600	.21
D3907	.02	600	.21
D3903	.03	600	.21
D3908	.05	600	.21
D3909	.1	600	.24
D3942	.25	600	.30
D3943	1-1	600	.42
D3951	.006	800	.18
D3952	.01	800	.18
D3953	.02	800	.24
D3954	.05	800	.24
D3955	.1	800	.30
D3927	.006	1000	.21
D3928	.01	1000	.21
D3930	.02	1000	.30
D3931	.03	1000	.30
D3932	.05	1000	.30

## Carbon Resistors



These carbon resistors are non-inductive and are designed for comparatively heavy service. Resistor element is non-hygroscopic, therefore unaffected by humidity. Absolutely noiseless and permanent on full load. Either type available in the following resistances:

Ohms	Ohms	Megohms
100	10000	3.0
250	150000	4.0
500	200000	5.0
750	250000	6.0
1000		7.0
2500	Megohms	8.0
5000	.5	9.0
7500	.75	10.0
10000	1.0	15.0
25000	1.5	20.0
50000	2.0	25.0

X20198—Type 1095, 1/2 watt.  
X20199—Type 1094, 1 watt.  
List Price Each 25¢  
Your Cost, Either Size ..... **15¢**  
State size and resistance wanted.

## LAVITE Non-Inductive Resistors



Aerovox Lavite Resistors should be used wherever non-inductive resistors capable of carrying comparatively heavy currents are required. The resistance element consists of a heavy enamel wire.

Stock No.	Resist. Ohms	Max. Current Ma.
D3475	1,000	54.8
D3476	2,000	38.7
D3477	5,000	24.5
D3478	10,000	17.3
D3479	15,000	14.1
D3480	20,000	12.2
D3481	25,000	10.9
D3482	30,000	10.0
D3483	50,000	7.7
D3484	75,000	6.3
D3485	100,000	5.5
D3486	250,000	3.5
D3487	500,000	2.4

Your Cost **60¢**

## Aerovox Bakelite Case Condensers



Moulded in attractive bakelite cases, these condensers are the latest development in paper wound mounted condensers for radio and audio frequency by-passing.

Cat. No.	Capacity Mfda.	Your Cost
D3956	.1	\$0.33
D3957	.25	.39
D3958	.5	.48
D3959	1.	.66

## Resistor Mounts



Takes any standard grid leak or resistor. Bakelite base, phosphor bronze clips.  
D3990—Single  
Your Cost Each ..... **18¢**  
D3991—Double  
Your Cost Each ..... **36¢**

**We Will Not Knowingly Be Undersold**

# ONE Standard VOLTAGE for ALL Capacities of Condensers

# The Outstanding Development in Radio Parts History

For years the serviceman has been forced to waste time and money in getting proper replacement condensers. Not only did he have to make sure of the correct capacity but also the correct voltage rating, generally the same as that originally in the receiver, which in many cases was far too low and would be just as likely to break down.

Now, a new line changes all this, the Sprague "600" line of Dry Electrolytic Condensers. Never again need you worry about the voltages—one type takes care of ALL require-



ments. All are high voltage—600 volts maximum surge voltage. You can be sure that all replacements made with these condensers will be 100% correct and that there will be no more breakdowns on any of your jobs, creating costly callbacks and dissatisfied customers.

You can be equipped to service any job with fewer condensers by standardizing on Sprague "600" line Condensers. They are sturdily made and by a new process have definitely eliminated any chance of short circuiting and open contacts.

## Can Type Dry Electrolytics



Mounted in cylindrical aluminum cans. Larger sizes have bolt and nut terminals, smaller sizes, soldering lugs. Come complete with mounting ring that permits mounting condenser in any position desired. Maximum surge voltage 600 volts.

Stock No.	Cap. Mfds.	Size, In. L D	Your Cost
D2600	2	3 1/2 x 1	\$0.87
D2601	4	3 1/2 x 1	.99
D2602	6	4 1/2 x 1	1.17
D2603	8	4 1/2 x 1 1/2	1.20
D2604	10	4 1/2 x 1 1/2	1.44
D2605	12	4 1/2 x 1 1/2	1.62
D2606	16	4 1/2 x 1 1/2	1.83
D2607	8-8	4 1/2 x 1 1/2	1.92
D2608	4-4-4	4 1/2 x 1 1/2	2.25
D2609	8-8-8	4 1/2 x 2 1/2	2.76
D2610	5-15	4 1/2 x 2 1/2	2.31
D2611	9-9-18	4 1/2 x 2 1/2	3.99
D2612	9-9-18-18	4 1/2 x 3	5.55
D2613	8-8-8-8	4 1/2 x 2 1/2	3.69
D2614	8-8-18-18	4 1/2 x 3	5.46
D2615	18-18	4 1/2 x 2 1/2	3.66

## Inverted Can Type

This type, made only in the smaller sizes, has a threaded neck with a bolt and lock washer to mount through hole in chassis.

Stock No.	Cap. Mfd.	Size L D	Your Cost
D2616	4	3 1/2 x 1	\$0.99
D2617	6	4 1/2 x 1	1.17
D2618	8	4 1/2 x 1 1/2	1.20

## GUARANTEE

All Sprague Condensers, both the "600" Line and Emergency Unit Types, are fully guaranteed under the standard RMA 90 day warranty against defects.



## Handy Package

Here is something really new and worthwhile. The finest idea you ever heard of to make your service work easier and better than ever before. A complete kit of Sprague "600" Line condensers in a new compact size that enables you to replace ANY value or combination of condensers right in the customer's home. And with these new high voltage condensers you KNOW that the job has been done RIGHT. Sprague "600" Line Emergency Units are the smallest, most durable condensers at the highest voltage ever offered to servicemen. Like all "600" line condensers they are good for any surge voltage up to and including 600 volts. Moreover they are so compactly made that two of them taped together will still be as small as the average single unit. With the Sprague Emergency Kit you always have the right condenser value when you want it. No more running around looking for the

## Tubular Condensers

These cardboard tube Condensers are very compact in size and are rated at 600 volts maximum peak surge voltage. Long tinned leads permit easy mounting and connecting. Can be used for both bypass and filter circuits on A. C. or D. C.



Stock No.	Cap. Mfds.	Size, In. L D	Your Cost
D2627	.0001	1 x 3/8	\$0.15
D2628	.00025	1 x 3/8	.15
D2929	.0004	1 x 3/8	.15
D2630	.0005	1 x 3/8	.15
D2631	.001	1 x 3/8	.15
D2632	.002	1 x 3/8	.15
D2633	.003	1 x 3/8	.15
D2634	.004	1 x 3/8	.15
D2635	.005	1 x 3/8	.15
D2636	.006	1 x 3/8	.15
D2637	.01	1 1/4 x 3/8	.15
D2638	.02	1 1/4 x 3/8	.18
D2639	.05	1 1/4 x 3/8	.18
D2640	.06	1 1/4 x 3/8	.21
D2641	.1	1 1/4 x 3/8	.21
D2642	.25	1 1/4 x 3/8	.27
D2643	.5	1 1/4 x 3/8	.36

## Auto Radio Condensers

These Condensers impregnated with a special wax will not melt under extreme engine temperatures. With bracket and lead.



Stock No.	Cap. Mfds.	Your Cost
D2644	1.0	\$0.75
D2645	0.5	.54

## Midget Condensers

Extremely compact in size, yet have been tested to withstand 1000 volts. Impregnated with wax to withstand effects of moisture and temperature changes. Tinned soldering lugs.



Stock No.	Cap. Mfds.	Your Cost
D2657	.0001	\$0.15
D2658	.00025	.15
D2659	.0004	.15
D2660	.0005	.15
D2661	.001	.15
D2662	.004	.15
D2663	.005	.15
D2664	.006	.15
D2665	.01	.15
D2666	.02	.18
D2667	.05	.18
D2668	.06	.21
D2669	.1	.21

## By-Pass Condensers



Stock No.	Cap. Mfds.	Size, Ins. L W T	Your Cost
D2619	0.1	1 1/4 x 3/8 x 3/4	\$0.42
D2620	0.25	1 1/4 x 3/8 x 3/4	.48
D2621	0.5	1 1/4 x 3/8 x 3/4	.54
D2622	1.0	2 x 1 1/4 x 3/4	.72
D2623	1-1	1 1/4 x 3/8 x 3/4	.45
D2624	.25-.25	2 x 1 1/4 x 3/4	.57
D2625	.5-.5	2 x 1 1/4 x 3/4	.75
D2626	1-1-1	2 x 1 1/4 x 3/4	.66

## Cardboard Type Dry Electrolytics



Mounted in waxed cardboard containers with mounting lugs and have color coded leads for easy identification. Maximum peak surge voltage 600 volts.

Stock No.	Cap. Mfds.	Size, Ins. L W T	Your Cost
D2646	2	2 1/2 x 1 x 1	\$0.75
D2647	4	4 1/2 x 1 1/2 x 1/2	.90
D2648	6	4 1/2 x 1 1/2 x 1	1.05
D2649	8	4 1/2 x 1 1/2 x 1	1.08
D2650	2-4	4 1/2 x 1 1/2 x 1	1.32
D2651	4-4	4 1/2 x 1 1/2 x 1	1.44
D2652	4-6	4 1/2 x 1 1/2 x 1 1/2	1.56
D2653	4-8	4 1/2 x 1 1/2 x 1 1/2	1.59
D2654	6-6	4 1/2 x 1 1/2 x 1 1/2	1.74
D2655	6-8	4 1/2 x 1 1/2 x 1 1/2	1.74
D2656	8-8	4 1/2 x 1 1/2 x 1 1/2	1.74

## Special Replacements for A.C.—D.C. Receivers



Though having a lower voltage rating (dual five-50 volts; dual four-150 volts) than the balance of the 600 Line, these special replacements have been included because they will stand up far longer than the condensers ordinarily used.

Stock No.	Cap. Mfds.	Size L W T	Your Cost
B473	5-5	2 1/2 x 1 x 1 1/2	\$0.69
B474	4-4	2 1/2 x 1 x 1 1/2	.84

# SPRAGUE '600' LINE

## EMERGENCY KIT

Complete set of 10 condensers; two of each—1 Mfd., 2 Mfd., 4 Mfd., 6 Mfd., 8 Mfd., with which ANY needed Condenser Value or Combination can be obtained.

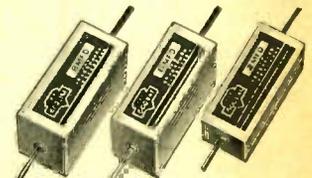
D2675—  
Your Cost ..... **\$8.94**

## Individual Emergency Units

Stock No.	Cap. Mfds.	Size—Ins. L W T	Your Cost
D2670	1	2 1/2 x 1 x 1 1/2	\$0.69
D2671	2	2 1/2 x 1 x 1 1/2	.75
D2672	4	2 1/2 x 1 x 1 1/2	.90
D2673	6	2 1/2 x 1 x 1	1.05
D2674	8	2 1/2 x 1 1/2 x 1	1.08

NOTE: These Individual Units are exact replacements for uncased paper filter sections that have been so popular with the radio serviceman.

## Extremely Compact 1/2 Size of Regular Cardboard Condenser



proper capacity in the proper voltage. No longer is there the question of getting a replacement unit that will fit. With this kit you will be able to fix any filter condenser trouble and do it better than would be possible with even a large and costly assortment of ordinary condensers. The complete kit consisting of two 1 mfd., two 2 mfd., two 4 mfd., two 6 mfd., and two 8 mfd. condensers is packed in a neat cardboard carton only 6x1 1/2 x 5" wide. Making it easy to carry right in your pocket.

These Emergency units can also be purchased separately and are exceptionally low in price for a condenser of this quality. Each condenser is encased in an aluminized cardboard container clearly marked as to polarity and with colored push-back wire leads.

# MALLORY ELKON

## ABSOLUTELY DRY ELECTROLYTIC CONDENSERS

### Cardboard Container Single and Dual Sections

The cardboard box type of dry electrolytic condenser offers the maximum mfd. capacity combined with minimum size and weight. It is also the most economical in cost and lends itself most readily to any position of mounting. Ideal for replacing blown paper condensers by simply slipping into the original containers. D. C. Working Voltage—450; Maximum Surge Voltage 500. 4 1/4 x 1 1/2". Shipping weight 1 lb.



Stock No.	Cap. Mfd.	Dimension Thickness	Your Cost
D2775	2	1 1/4"	\$0.69
D2776	4	1 1/4"	.81
D2777	6	1 1/4"	.96
D2778	8	1 1/4"	.99
D2779	4-4	1 1/2"	1.32
D2780	4-8	1 1/2"	1.44
D2782	6-8	2"	1.56
D2783	8-8	2"	1.59

### Round Inverted Metal Can with 6" Leads Single and Dual Sections

This inverted Single and Dual Section type is provided with 6" flexible leads for single 3/4" hole mounting. Maximum Mfd. capacity in Minimum space. One standard size aluminum can. D. C. working voltage 450; Max. surge voltage 500. Size 4 1/4 x 1 1/2". Shipping weight 1 lb.



Stock No.	Cap. Mfd.	Your Cost
D2736	4	\$ .93
D2737	6	1.08
D2738	8	1.11
D2739	10	1.35
D2740	12	1.50
D2741	4-4	1.41
D2742	4-8	1.56
D2743	6-6	1.68

### Round Upright Metal Can Single, Dual and Multiple Section

These single, dual and multiple section (universal mounting) condensers are furnished in round aluminum cans with lugs. Because the electrolyte is absolutely dry, they are greatly preferred by servicemen for replacing wet and semi-dry condensers in a large number of receivers made before the dry electrolytic condenser was perfected by Mallory-Elkon. All negative terminals are grounded to the can. D. C. working voltage 450; Surge voltage 500. Size 4 1/4 x 3". Shipping weight 3 lb.



Stock No.	Cap. Mfd.	Your Cost
D2794	5-16	\$2.46
D2755	8-8-8	2.94
D2795	8-8-16	3.51
D2757	8-8-8-8	3.93
D2796	8-8-16-16	4.92
D2759	9-9-18-18	5.15

### Rectangular Metal Can Multiple Sections



This type affords the serviceman with multiple sections of dry electrolytic condensers in a rectangular metal can, having flanged mounting feet for easy and rapid mounting, especially in replacing. Positive and negative of each unit is clearly marked. All sections are insulated from the container. D. C. working voltage 450. Shipping weight 1 lb.

Stock No.	Cap. Mfd.	Dimensions High Thick Width	Your Cost
D2760	4-6	4 3/8" 1 1/4" 2"	\$1.74
D2761	4-8	4 3/8" 1 1/4" 2"	1.77
D2762	6-8	4 3/8" 1 1/4" 2"	1.95
D2763	4-4-4	4 3/8" 1 1/4" 2 1/4"	2.40
D2765	8-8-8	4 3/8" 1 1/4" 2 1/4"	2.94

### Tubular Cartridge Dry Electrolytic

Tubular dry electrolytics completely sealed by special metal caps in each end and impregnated with special insulating wax, insuring long and satisfactory life. Are 2 1/2" long; diameter given below. Shipping weight 1 lb.



Stock No.	Cap. Mfd.	D.C. Work Volts	Diam-eter	Your Cost
D2786	1.0	450	1 1/8"	\$0.54
D2787	2.0	450	1 1/8"	.69
D2788	5.0	100	1 1/8"	.57
D2797	50.0	100	1 1/8"	1.02
D2789	10.0	50	1 1/8"	.63
D2790	5.0	25	1 1/8"	.48
D2791	10.0	25	1 1/8"	.48
D2792	10.0	100	1 1/8"	.75
D2793	25.0	100	1 1/8"	1.02

### Cardboard By-pass

The cardboard By-pass type is to provide the serviceman with a dry electrolytic condenser smaller in size than the paper condensers they are to replace as originally used in filter and audio by-pass circuits. Size 2 3/4 x 1 1/4". Shipping weight 1 lb.



Stock No.	Cap. Mfd.	D.C. Work Volts	Your Cost
D2768	1.0	450	\$ .54
D2769	2.0	450	.69
D2770	4.0	200	.66
D2771	10.0	100	.75
D2772	25.0	50	.87
D2773	10.0	25	.48
D2774	25.0	25	.66
D2798	50.0	25	1.02

### YAXLEY Jr. Rheostats and Potentiometers



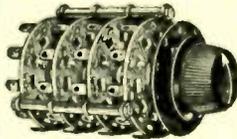
Used as standard equipment by set manufacturers. Midget in size, 1 1/2" in diameter and mount in a single 1/2" panel hole. Complete with knob.

Stock No.	Rheostats		Your Cost Each
	Ohms	Amperes	
F6480	1	2.2	\$0.44
F6481	2	1.6	.44
F6482	3	1.3	.44
F6483	6	.9	.44
F6484	10	.7	.44
F6485	15	.6	.44
F6486	20	.5	.44
F6487	25	.45	.44

Stock No.	Potentiometers		Your Cost
	Ohms	Amperes	
F6488	15	.6	\$0.58
F6489	25	.45	.58
F6490	30	.4	.58
F6491	40	.35	.58
F6492	50	.3	.58
F6493	60	.28	.58
F6494	75	.26	.58
F6495	100	.22	.58
F6496	200	.15	.58
F6497	400	.11	.58
F6498	1000	.07	.73
F6499	2000	.05	.73
F6500	3000	.04	.73
F6501	5000	.03	.88
F6502	10000	.02	.88

### Yaxley Gang Switches



These multi-point rotary tap switches as illustrated have been especially designed to meet the requirements of the most exacting Radio and Electrical Engineers for use in short wave and long wave receiving sets, test equipment, radio sound installations, etc. Single gang units with from two to ten points are commonly used in tapping resistances, transformer, coils, etc. Two gang units with two to ten points are widely used in wiring radio receiving systems in hotels, hospitals, schools, etc., where a selection of two or more programs are offered. Also in meter circuits and test equipment, to break both sides of line. Multiple gang switches with two to ten points are adaptable for switching from short to broadcast or long wave reception in combination receivers.

TWO POINT		Stock No.	List	Your Cost
F6505-1	Gang	\$ .90	\$ .53	
F6506-2	"	1.50	.88	
F6507-3	"	2.10	1.20	
F6508-4	"	2.70	1.59	

THREE POINT		Stock No.	List	Your Cost
F6509-1	Gang	\$ .90	\$ .53	
F6510-2	"	1.50	.88	
F6511-3	"	2.10	1.24	
F6512-4	"	2.70	1.59	

FOUR POINT		Stock No.	List	Your Cost
F6513-1	Gang	\$ .90	\$ .53	
F6514-2	"	1.50	.88	
F6515-3	"	2.10	1.24	
F6516-4	"	2.70	1.59	

FIVE POINT		Stock No.	List	Your Cost
F6517-1	Gang	\$ .95	\$ .56	
F6518-2	"	1.60	.94	
F6519-3	"	2.20	1.30	
F6520-4	"	2.80	1.65	

SIX POINT		Stock No.	List	Your Cost
F6521-1	Gang	\$ .95	\$ .56	
F6522-2	"	1.60	.94	

SEVEN POINT		Stock No.	List	Your Cost
F6523-3	"	2.20	\$1.30	
F6524-4	"	2.80	1.65	

EIGHT POINT		Stock No.	List	Your Cost
F6525-1	Gang	\$ .95	\$ .56	
F6526-2	"	1.60	1.30	
F6527-3	"	2.20	1.94	
F6528-4	"	2.80	1.65	

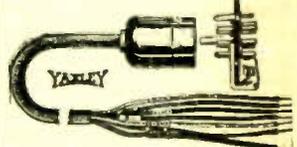
  

NINE POINT		Stock No.	List	Your Cost
F6529-1	Gang	\$1.15	\$ .68	
F6530-2	"	1.90	1.12	
F6531-3	"	2.50	1.47	
F6532-4	"	3.10	1.83	

TEN POINT		Stock No.	List	Your Cost
F6533-1	Gang	\$1.15	\$ .68	
F6534-2	"	1.90	1.12	
F6535-3	"	2.50	1.47	
F6536-4	"	3.10	1.83	

### Cables and Connectors



**F6400**—No. 660—7 conductor cables 5 feet long for sub-panel mounting. Shipping weight 2 lbs. List \$3.00. **Your Cost \$1.76**  
**F6401**—No. 612—12 conductor cable 4 feet long for sub-panel mounting. Shipping weight 2 lbs. List Price \$5.00. **Your Cost \$2.94**

### Yaxley Radio Convenience Outlets

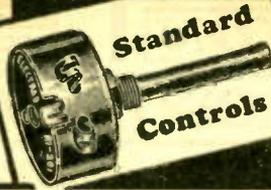
For Aerial Ground and Duplex A. C. Two Pin Tip Jacks and two A. C. Receptacles. No. 256. Shipping weight 1 lb. **F6414**—Brass **F6415**—Bakelite List \$1.50 **Your Cost Each \$88<sup>c</sup>**



Two Pin Jacks marked "Ant." and "Gnd." No. 156. **F6406**—Brass **F6407**—Bakelite List \$1.75 **Your Cost Each \$44<sup>c</sup>**

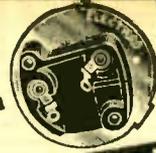
# ELECTRAD REPLACEMENT VOLUME CONTROLS

and new  
"SNAP-ON"



Standard  
Controls

Snap-  
on  
A. C.  
Switch  
29¢



# SWITCH ASSEMBLY

## FREE!

### Volume Control Guide



This book contains in concise form a list of Electrad Standard and Special Volume Controls for replacement in a large number of radio receivers. It's FREE—write for it today.

Note—A ★ preceding a control means it is a standard control, having an extra long shaft to meet all replacement purposes. These controls are supplied less A. C. switch. If your replacement calls for a switch type volume control, be sure to order the Electrad Snap-On A. C. Switch Assembly which will fit all these types. All other volume controls are specials, having been designed especially for the receiver specified.

Manufacturer	Stock No.	Your Cost
<b>A. C. Dayton Co.</b>		
AC-63, AC-65, AC-66 Navigator	G7904*	\$0.60 1.30
<b>All American Mohawk Co.</b>		
S-6, S-7, S-8, 90, J. Lyric J. H, 96, 90, C6, Lyric Model D. A.	G7912* G7902* G7904*	.60 .60 .60
6 Tube Electric Set, Mohawk, Lyric K B-7.	G7989	2.00
11-D, 19-D, 29-D, 34-D, 19-H, 29-H, 34-H.	G8075	1.35
<b>Amrad Corporation</b>		
S-522, DC6, DC6-C, DC7, DC7-C, S-733, S-733C, 80.	G7905*	.60
82, 83, 7100, 70, AC-7, AC-7C	G7902* G7904*	.60 .60
AC-6, AC-6C, 84.	G7906*	.60
<b>Atwater-Kent</b>		
37, 38, 40, 42, 43, 44, 46, 52, etc., Volume Control Strip.	G7992	.40
55, 60, 66 Strip.	G7993	.40
55, 55C, 60, 60C, 61, 61C, 66.	G7920*	.60
55, 55C Late Models.	G8076	1.62
H Series	G8016	1.89
82, 82F, 85, 85F.	G8026	.68
F, P, L1, L2.	G8092	2.00
80, 80F, 83, 83F.	G8023	.95
84, 84F.	G8024	1.22
86, 86F.	G8025	1.22
82D.	G8077	.95
82Q.	G8027	.68
89, 89F, 85Q, 92, 627.	G7907*	.60
84, 84F, Early Models.	G7904*	.60
<b>Balket Radio Co.</b>		
A-3, A-5, A-7.	G7903*	.60
B-7, B-9, F, C, L-7, LC-7, E.	G7902*	.60
L-7, LC-7, Tone Control.	G7907*	.60
<b>Belmont Radio Corp.</b>		
Series 40, 50, 70.	G7903*	.60
<b>Bosch Radio</b>		
5, 20 Super-Het.	G7902*	.60
46DC, 27 Ambrola, 16 Ambrola, 35 Crusers, 57, 87, 66, 76, 76L.	G7905*	.60
96, DC96, 146, 166, 176, 46AC, 126, 107, 116, 242E, 250, 312, 62DC, 44.	G7904*	.60
28, 29.	G7910*	.60
5-A, 205.	G7996	1.08
40.	G8038	1.08
58, 62.	G8037	.68
7A, 20, 20J, 20K, 20L, 31, 36, 73, 133, 135, 74.	G8039	.95
80, 84.	G8040	.68
60, 63.	G8041	.68
100, Auto Radio.	G8042	.68
48AC, 54DC.	G8052	1.48
58, Tone Control.	G7904*	.60
250, 312, Tone Control.	G7914*	.60
<b>Bremer-Tully</b>		
6, 14, 21, 31, 81-A.	G7903*	.60
81, 82.	G8093	1.08
6-40 Counterphase-8.	G7904*	.60
7-70, 7-71, 8-20, 8-21, 8-22.	G7902*	.60
S-81, S-82, 83, 25 Cycle.	G7910*	.60
Model 80, Battery.	G7905*	.60
<b>Brunswick</b>		
B-17, 17-8, PR	G7936	.81
2KR, 5KR, 2KRO, 5KRO, 3KR8, 5KR6.	G7937	.81
3NC8, 3NWB, 5NC8.	G7939	.81
17, 24, 25, 4PA, D11, D12, D16, D18, D33.	G7904*	.60
S14, S21, S31, S81, S82.	G7997	1.35
10, DC14, DC21, DC31.	G7911*	.60
11, 12, 16, 33.	G7931	.81
14, 21, 31.	G7903*	.60
Fanatrope, Phono-Volume Control.	G8079	.81
15B, Tone Control.	G7908*	.60

Manufacturer	Stock No.	Your Cost
<b>Buckingham Radio</b>		
7 Tube A. C.	G8094	\$1.35
<b>Colonial Radio</b>		
16-6, 16-5, 17-5, 20-21, 26DC, 31DC.	G7905*	.60
47, 48.	G7912*	.60
44, 50, 46.	G7902*	.60
Model No. 2.	G8081	1.08
32, 33, 32DC.	G7978	1.35
25.	G7904*	.60
<b>Columbia Radio</b>		
Screen-Grid 8.	G8044	1.22
<b>Columbia Phonograph</b>		
C31, C33, C25-31, C25-32.	G7919*	.60
C32, C34, C25-33, C25-34.	G8091*	.60
<b>Crosley</b>		
76DC, 400, 410, 420.	G7918*	.60
608, 609, 1 1/4" Shaft.	G7972	.68
804.	G7959	.68
Buddy, Chum.	G7916*	.68
30S, 31S, 33S, 34S.	G7966	.68
AC-7, AC-7C.	G7923*	.68
82S, 40S, 41S, 45S.	G7966	.68
40S, Early Models.	G7967	.68
77, 84, 92, 121, 121-1, Series B, 127, 91, Roamio Auto.	G7904*	.60
53, 54, 57, 58.	G7956	.68
55, 56, 120.	G7902*	.60
704, Early Models.	G7929	.68
122.	G7920*	.60
124, 125.	G7957	.95
610, Female Shaft.	G7968	.81
Early 706, Long Shaft.	G7928	.81
26.	G8045	.68
59.	G8082	.81
41, 41A, 42, 705, 706, Long Shaft.	G7998	.81
602, 704, 704A, 704B, Short Shaft.	G8096	.68
Super Buddy 122, Johnny Smoker.	G7909*	.60
<b>Earl Radio</b>		
31, 32, 41.	G7903*	.60
21DC, 22DC, 32, 21AC, 22AC, 24DC, 31DC.	G8017	1.35
33DC.	G7908*	.60
31S, 32S, 33S.	G8053	1.48
<b>Edison Radio</b>		
SC, C1, C2, E-175, R1, R2.	G7964	.68
R-6, R-7.	G7987	.68
Splitdorf, 6 Tube.	G7905*	.68
Abbey.	G7951	.60
R-200.	G7903*	.60
R1, R2, R3, Front Unit, Regeneration Control.	G7999	.81

Manufacturer	Stock No.	Your Cost
<b>Eveready</b>		
1, 2, 3.	G7995	\$0.95
30, 40, 50 Series.	G7990	2.00
34.	G7917*	.60
44.	G7923*	.60
31.	G7903*	.60
<b>Fada</b>		
41, 42, 44, 46, 47.	G7907*	.60
Model 45, KU.	G7920*	.60
472UA, CA, 45/72, 10, 11, 31, 10Z, 11Z, 30Z, 31Z, 50, 70, 71, and 72.	G7953	.68
262, 265UA, CA, RP65UA, RP62, UA, 7AC, 475.	G7952	.68
16, 17, 32, 16Z, 32Z, 18DC, and 1653-AB.	G7958	.68
20, 20Z, 25, 25Z, 15M, 15MZ, 35 and 35Z.	G7927	.68
75 and 77.	G7921*	.60
475-A and 471.	G8061	.95
KY Chassis used in 66 Receiver, re Chassis used in 73, 85 Receivers: RA Chassis used in 74, 76, 83, 87, 88, 89 Receivers: RA Chassis used in 48, 49 Receivers (Neon Tube Control) RA Chassis used in 74, 76, 83, 87, 88, 89-Neon Tube Control.	G7904*	.60
KW Chassis used in 48, 49 Receivers (Neon Tube Control) RA Chassis used in 74, 76, 83, 87, 88, 89-Neon Tube Control.	G8083*	.60
KO, KOC; 61, 53, 57, 45.	G7913*	.60
43.	G8083*	.60
KC; 78 and 79.	G8097	1.62
	G8084	1.35
<b>Freed-Eisemann</b>		
NR-90SAC.	G8053	1.48
NR-57, NR-80, DC and AC.	G7902*	.60
NR-78DC, NR79DC.	G7908*	.60
NR-55, AC and DC, NR-56.	G8017	1.35
NR-60, NR-70.	G7904*	.60
NR-80AC, NR-80DC, NR-85AC, and NR-85DC (Strip).	G8098	.24
<b>Freshman</b>		
Masterpiece, Equaphase.	G7905*	.60
G, Q, 15, Q-16, 2H, M, 2N, QD-16S.	G7902*	.60
H, K, L, LS.	G7904*	.60
31, 32, 33.	G8053	1.48
<b>General Electric</b>		
H-71, H-51, H-31.	G7943	.81
H-51, H-71 Remote Control, Single.	G8099	.81
H-51, H-71 Remote, Dual.	G8100	1.35
H-32.	G8014	.68
T-12.	G7933	.68
S-22.	G7944	.81
K-62, S-132.	G7934	.68
H-31, H-51, H-71, Tone Control.	G7906*	.60
<b>General Motors</b>		
"A" Chassis; Models 120, 130, 140, 150 and 160.	G8021	2.00
Chassis S1A, S1B; 216, 217, 219, 250.	G8057	1.08
Chassis S2A, S2B, S3A, S3B; 251, 252, 253, 254, 255, 256, 257 and 258.	G8058	1.08
Chassis S2A, S2B Tone Control.	G8101	.68
Chassis S4A, S4B.	G8085	1.08
Chassis S4A, S4B; Tone Control.	G8059	.68
Chassis S9A, S9B, Model 211.	G8102	1.08
Chassis S10A, S10B, Model 220.	G8056	1.08
Chassis MA-MB Tone Control.	G8103	.54
<b>Graybar Electric</b>		
Midget 8.	G7944	.81
311.	G7937	.81
600.	G7942	.81
340.	G7939	.81
500, 550.	G7938	.81
678, RC-3.	G8054	2.00
700, 770, 900.	G7943	.81
770, 900 Tone Control.	G7906*	.60
900 Phono Volume Control.	G8067	.68
Graybarette No. 4.	G7933	.68

# Electrad Volume Controls [Cont.]

Manufacturer	Stock No.	Your Cost
<b>Grebe, A. H.</b>		
AC6, AC7, 428, HS-4	G7910*	\$0.60
AH-1	G7918*	.60
SK-4 AC	G8086	.68
Models 1, 2, 3, 4, SK-4DC	G7911*	.60
HS-4, AH-1 Tone Control	G7914*	.60
<b>Kennedy</b>		
10, 20, and 12 SG	G7924*	.60
80	G7904*	.60
52 and 52A	G8008	.81
56	G8009	1.22
62	G8010	.68
62, 52A, 62; Tone Control	G8104	1.08
56; Tone Control	G8105	.68
26	G7989	2.00
24	G8072*	.60
44, 48, 50, 42, 32, 34	G7912*	.60
48, 50; Tone Control	G7906*	.60
Royal	G8106	1.30
K-1923 DC	G8107	1.35

Manufacturer	Stock No.	Your Cost
<b>Kolster-Columbia</b>		
K-20, 21, 22, 23, 24, 25, 27, 28, 37	G7902*	.60
K-60 and K-62	G7911*	.60
K-70, 72, 80, 82, 90, 92	G7902*	.60
K110, 112, 120, 122, 130, 132	G8074	1.08
K-43	G8108	1.35
K-45	G7921*	.60

Manufacturer	Stock No.	Your Cost
<b>Majestic</b>		
70 and 70B	G7912*	.60
90, 91, 92, 100B	G7903*	.60
130-A, 230-A	G7918*	.60
20, 21, 22, 23	G7971	.95
25	G7912*	.60
25B, 35	G7920*	.60
15, 15B, 150	G8002	1.22
60 Chassis	G8003	.68
130 Chassis	G8004	.68
150 Chassis: Phono Control	G8005	.68
25 Chassis	G8006	1.22
90, 91, 92, 180, 181, 90B, 100B; Equalizer	G8007	.81
30 Chassis	G8018	1.62
100 Chassis	G8019	1.35
50 Chassis	G8020	1.35
200 Chassis	G8011	.68
210 Chassis	G8012	.68
200 Chassis: Tone Control	G8109	1.08
210 Chassis: Tone Control	G8110	1.08
15 Chassis: Tone Control	G8111	.68
180, 181; Phono Control	G7913*	.60
25 Chassis: Tone Control	G7914*	.60
150 Chassis: Tone Control	G7906*	.60
120, 120B	G8112	1.35

Manufacturer	Stock No.	Your Cost
<b>Ozarka, Inc.</b>		
90, 89AC	G7912*	.60
91	G7911*	.60
92 AC	G7924*	.60
93	G8113	.95
Lincoln Super 31	G7903*	.60

Manufacturer	Stock No.	Your Cost
<b>Peerless</b>		
Series 20	G8114	.68
Series K-70	G8115	.68
Courier 65	G7917*	.60

Manufacturer	Stock No.	Your Cost
<b>Philo</b>		
5, 82, 86, 87, 511, 521, 531, 541, 551, 561, 571, 581	G7962	.54
Transitone 95, 96, 96A, 30, 211, 211A, 15, 47, 91L, 91B, 91X, 111, 111A, 1, 2, 3, Tran 3	G7904*	.60
71H, 71L, 71B	G7907*	.60
70, 70A, 90, 90A	G8049	1.35
70, 70A: Serial Numbers above B-22000	G7904*	.60
76	G7915*	.60
95	G8071	.68
112, 112A, 112E, 212, 212A	G8070	.68
20, 20A, 270, 220	G7980	1.35
50, 50A	G8048	1.35
51, 51A	G7902*	.60
65	G7910*	.60

Manufacturer	Stock No.	Your Cost
<b>RCA-Victor</b>		
Radiola 16	G7935	.95
Radiola 17, 50, 41, 7-25, 7-54	G7936	.81
Radiola 18, 33, 51, 7-11, 7-26	G7937	.81
Radiola 44, 46, 47	G7938	.81
Radiola 60, 62	G7939	.81
Radiola 64, 67, 9-18, 9-54	G7940	.81
Radiola 64 Sensitivity Control	G7941	.81
Radiola 66	G7942	.81
80, 82, 86	G7943	.81
R-5	G7933	.68
Superette R-7, 7A	G7944	.81
RS, R10, R11, RE18, R21, RAE26	G7934	.68

Manufacturer	Stock No.	Your Cost
<b>RCA-Victor—(Cont.)</b>		
Superette R-7, 7A; Tone Control	G8065	\$0.68
Radiola 46 DC	G8013	.68
R50, R55, RAE59, RAE79	G8014	.68
RAE26, R-11; Tone Control	G8066	1.08
RAE26, RE18, 86; Phono Control	G8067	.68
82, 86; Remote Control, Single Control	G8099	.68
82, 86, 35, 57, RAE79; Remote Control, Dual Control	G8100	1.35
RC-3, 42, 48, 14, 15, 17	G8054	2.00
35, 39, 57	G7986	2.00
R-32, RE-45, R-52, RE-75	G7979	1.35
RE-59; Phono Control	G8116	.95

Manufacturer	Stock No.	Your Cost
<b>Silver-Marshall</b>		
4SM-730 Around the World	G7903*	.60
782, 770, 714	G8091*	.60
C Super, Model A, Model F, D, E, and 726	G7911*	.60
34A, 35A, 36A, 710, 740, 724, 720AC, 722 BAT	G7910*	.60
620, 630, 635, 644	G7905*	.60
SC-2	G7915*	.60
722-30, 30B, 60B, 75B, 90B, 712, B	G7924*	.60
Bearcat-Midget, SMD1 Super, and Model 30	G7912*	.60
R Superhet, Q. S. 1 Super, 727, All-Wave	G7908*	.60
C Super: Tone Control	G7921*	.60
37, 38, 39	G7902*	.60
716, J, G, R5, 683, 773, Raymond 7, SM690	G7919*	.60
R Superhet, Q. S. W. Super, 727, All-Wave: Tone Control	G7914*	.60
37, 38, 39, 382; Tone Control	G7907*	.60
A. D. E.: Tone Control	G7904*	.60
Model Y-39	G8117	.95

Manufacturer	Stock No.	Your Cost
<b>Sonora Phonograph</b>		
3R, 4R, 2RP, 25	G8087	.68
B-31	G7909*	.60
E-AC	G7904*	.60

Manufacturer	Stock No.	Your Cost
<b>Sparton</b>		
49, 5-26, 5-15, 89, 6-26, 6-15	G7905*	.60
5, 9	G7949	1.08
10	G7948	1.08
15	G7947	1.08
25, 26	G7946	1.08
110, 301, 101, 103, 109, 589, 930, 931, 79A, 69, 591, 593	G7930	.68
570, 740, 750, 564, 600, 610, 620, 737, 574, 870, 111A, 89A	G8118	.68
410, 420, 600A, 620A, 610A	G7983	1.62
AR-19 Auto Radio	G8036	.81
41	G7913*	.60
62, 63	G7903*	.60

Manufacturer	Stock No.	Your Cost
<b>Steinite</b>		
40, 60, 102, 40C, 60C, 102C, 70, 80, 95, 991, 992, 993, 26, 15, 412, 420, 15 Chassis: 210, 230, 450, 17 Chassis, 16, 90, 990	G7903*	.60
421, 425, 21 Chassis, 203, 600, 605, 630, 635, 642, 643, 22 Chassis, 22, 28, 261, 262, 423, 23 Chassis	G7912*	.60
700, 705, 706, 725, 642B, 26 Chassis; 701; 28 Chassis	G7919*	.60

Manufacturer	Stock No.	Your Cost
<b>Stewart-Warner</b>		
950DC, 970, R100C DC	G8022	1.35
900, 811, 500, 520, 525, 806	G7903*	.60
950AC, R100A, R100B, R100E, R101A, R101M	G7925	.68
102A, B, E, 801, 802	G7902*	.60
530, 535	G7904*	.60
R-104A	G8119	.68
R-106A	G8120	.95
R110A, R110E	G8121	.95
R-111	G8122	.95

Manufacturer	Stock No.	Your Cost
<b>Stromberg-Carlson</b>		
635, 636, 638, Short Shaft	G7901	.68
635, 636, 638, Double Shaft	G7961	.54
846, 848, Double Shaft	G7965	.68
846, 848, Long Shaft	G7900	.68
641, 642, 652, 654; Long Shaft	G7900	.68
641, 642, 652, 654; Double Shaft	G7960	.54
698 DC	G7932	.68
10, 11, 16, 17, 25, 26	G8030	.95
19, 20, 21	G8031	.68
12, 14	G8032	.95
22, 24, 27	G8033	.95
19, 20, 21; Tone Control	G8034	.81
37	G8050	1.35
38, 39, 40	G8123	1.62
645 DC: Double Shaft	G8124	.54
645 DC: Long Shaft	G7900	.68



Manufacturer	Stock No.	Your Cost
<b>Temple</b>		
8-61, 8-81, 8-91, 5-55	G7977	\$1.35
8-60, 8-80, 8-90	G7902*	.60

Manufacturer	Stock No.	Your Cost
<b>United Air Cleaner Corp.</b>		
106B, 10B, 666C, 666, 104, 444, 29, 30	G7902*	.60
Series 20, Sentinel 114, 118 Series	G7904*	.60
110, 108A, 108B, 99	G8083*	.60
7 Tube Super-Het	G7923*	.60
108 Super Midget	G7914*	.60
Sentinel 440	G8091*	.60
108, 108A, 108B, 114; Tone Control	G7906*	.60
106	G7912*	.60

Manufacturer	Stock No.	Your Cost
<b>U. S. Radio and Television</b>		
Case 80, Apex 36, 37, 50, 60, 90	G7902*	.60
Apex 31, 32, 33DC, 30, 26, 29, 32, 49, 20, 99 Series	G8083*	.60
Gloriatone Early 27	G7918*	.60
Gloriatone 28, 29, 32, Apex 41, 43, 46, 47, 42, 44, 48, 48A	G7916*	.60
8 Series, 10 Series	G7907*	.60
7 Series Pentode	G7904*	.60
7 Series Pentode: Tone Control	G8125*	.60
Gloriatone 26P	G8126	.68
Gloriatone Late 27	G8127	.95
28, 31; Tone Control	G7904*	.60

Manufacturer	Stock No.	Your Cost
<b>Westinghouse Electric</b>		
WR-4	G8054	2.00
WR-5, 6, 7	G7943	.81
WR-8 Remote Control	G8099	.81
WR-10, 10A	G7944	.81
WR-14	G7923	.68
WR-15	G7934	.68
WR-15: Tone Control	G8066	1.08
WR-10: Tone Control	G8065	.68
WR-7, WR-8: Phono Volume Control	G8067	.68

Manufacturer	Stock No.	Your Cost
<b>Wholesale Radio Service Co. Inc.</b>		
Duo Symphonic	G7909*	.60
Duo Symphonic Jr, 1931, Series 10, Mighty Atom, AC524, Pre-Selector	G7902*	.60
Series 20, Super-Het	G7904*	.60
Duo Symphonic: Tone Control	G7907*	.60

Manufacturer	Stock No.	Your Cost
<b>Zenith Radio</b>		
14, 15, 16, 39, 6 Tube Zenette, 33, 34, 35, 35A, 342, 352, 352A, 362, 333, 353, 34P, 342P, 40A, 41, 42, 422, 35PX, 35APX, 352PX, 352APX, 37A, 55	G7903*	.60
52, 53, 54, 60, 61, 62, 64, 67	G7945	.95
Hyper-Merton, 82, 89, 822, 892, 10, 102, 112, 122, 70	G7976	1.62
602, 613, 622, 642, 672, 11, 12, 80	G7906*	.60
5 Tube Zenette, LH, WH, MH	G7902*	.60
5 Tube Zenette, BH, LH, WH, 80, Super-Merton: Tone Control	G7906*	.60
BH	G8091*	.60



# Centralab

CENTRAL RADIO LABORATORIES

## Replacement Volume



### Combination "L" Pad

Bakelite Case 2x3/4", Threaded Bushing 1/8x1/2" long, Shaft 1/2x1/2" long. Shaft grounded to series resistance.

A wire wound and tapered graphite control providing constant impedance to the line. It is recommended for low impedance systems, such as output control of moderate power not exceeding 4 watts and input to small public address systems where price is a factor and the high efficiency made possible by the Centralab T-Pad is not an absolute necessity. Illustrated above without cover to show construction. Stock controls have metal cover providing complete protection from dust.

Stock No.	C.R.L. No.	Resistance	15000 ohms
H8975	96-004	Resistance	15000 ohms
H8956	96-003	Resistance	10000 ohms
H8955	96-002	Resistance	5000 ohms
H8959	96-007	Resistance	500 ohms
H8958	96-006	Resistance	200 ohms
H8976	96-008	Resistance	100 ohms
H8957	96-005	Resistance	50 ohms
H8954	96-001	Resistance	10 ohms

List Price \$4.00  
Your Cost

**\$1.95**



### Centralab Power "L" Pads

#### Commercial Type

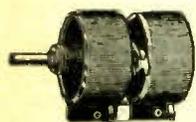
Employed in output circuits where the amount of power does not exceed 10 watts. Commonly used as a voice coil control of Dynamic Speakers. The unit provides constant impedance to the line and thus, when used in multiple circuits, does not disturb the adjustment of other sections of the same circuit.

The resistance units are wire wound for maximum power rating and housed in the same moulded Bakelite case as the T Pad. Provides single or three hole mounting. Diameter of control 3 1/2". Depth of control 2" approximately.

Stock No.	C.R.L. No.	Resistance	100 ohms
H8953	94-003	Resistance	100 ohms
H8952	94-002	Resistance	50 ohms
H8951	94-001	Resistance	15 ohms

List Price \$5.00  
Your Cost

**\$2.45**



#### Giant Type

The Giant Power "L" Pads consist of two heavy wire wound sections of large dimensions. These units are recommended for installations in systems where the output exceeds 10 watts. For example: large public address systems where multiple circuits of large amplifiers are employed.

The units are mounted with no covering to allow free circulation of air about the resistance units and thus permit a free dissipation of heat. These units provide a means of control which maintains a constant impedance upon the line, and may thus be operated in multiple without disturbing the adjustment of other circuits obtaining energy from the same line. Unit provides single hole mounting. Diameter of unit 2". Depth of unit 2 1/2" approximately. The resistance specified is the equivalent line impedance.

Stock No.	C.R.L. No.	Resistance	50 ohms
H8765	47-209	Resistance	50 ohms
H8764	47-208	Resistance	15 ohms

List Price \$5.00  
Your Cost

**\$2.45**

**Free Volume Control Guide will be sent with orders of 5 or more CRL Controls**  
The revised listing of Centralab volume controls that the serviceman has been waiting for. This list consists of "Specials" that are manufactured and built for the particular set that it is intended for, no changes necessary to install these units. You may order by our stock number; or specify the Centralab number if you wish. A complete line of Centralab volume controls and by-products carried in stock.

Name and Model	Stock No.	Your Cost	Name and Model	Stock No.	Your Cost
<b>A. C. Dayton Co.</b>			<b>Crosley Radio Corp.</b>		
Navigator	H8843	\$0.73	40S, 41S, 42S, 82S, Early Models and T1-A	H8847	\$0.98
A. C. Dayton	H8858	.73	40S, 41S, 42S, 82S, Late Models Specify CRL Number	H8896	1.47
<b>All-American Mohawk</b>			30S, 31S, 33S, 34S, 40S, 41S	H8851	.98
70, 73, 75—Special	H8845	1.47	Single Control	H8876	.73
93-96 or 90 Series	H8931	.73	Buddy, Chum	H8876	.73
"H" Series	H8912	1.47	AC7, AC7C	H8840	.73
"J" Series	H8872	.73	20, 21, 22 Battery	H8781	.98
"K" Series	H8863	.73	122, Tone Control	H8869	.73
<b>Atwater Kent Mfg. Co.</b>			53, 54, 57 (New Buddy)	H8869	.73
33 Series Filament, 84	H8863	.73	400, 410, 420	H8865	.73
61, 61C, 72, 66, H1, H2 "Special"	H8723	1.96	91, 92 "Roamio" Auto	H8862	.73
67, 67C, Batt. Set 222 tubes	H8862	.73	Midget 48	H8931	.73
82C	H8862	.73	Johnny Smoker, Super Buddy	H8859	.73
"F" Series, L-2, P or 75 Q-2 Series, "Special"	H8902	1.47	122, 56, Long Shaft, "Special"	H8855	.98
L-1	H8912	1.47	56, 26, Long Shaft, "Special"	H8853	.98
82D, 84D, 89, 84Q Batt., 89, 89F, SW Type	H8808	.98	55, Short Shaft	H8862	.73
188, 228, 260, 467, 246, 266, 612, 627, 812, 448	H8808	.98	56, Short Shaft	H8861	.73
480	H8791	.98	75, 76DC, 77, 84, Special	H8854	.98
480 Auto, "Special"	H8698	1.23	77-1	H8931	.73
469Q, 558Q	H8863	.73	120	H8961	.98
636	H8697	.73	58	H8869	.73
<b>Belmont Radio Corp. (Freshman)</b>			59	H8931	.73
600 Early, 50F	H8790	.98	124, 125 Midget Super Sw. Type	H9022	.59
600 Late	H8808	.98	605, 615, 625	H8852	.98
50C, D	H8816	.98	127, Tone 128, Tone 126-1	H8824	.98
70 Series	H8819	.98	Tone 127	H8874	.73
<b>Bosch</b>			48	H8794	.98
107, 116, 46, 126, 136, 146, 166, 176, 96-DC, 96-AC	H8839	.73	95 Auto	H8699	.98
80-Auto Receiver "Special"	H8832	.98	96 Auto	H8699	.98
48 and 49 "Special"	H8895	1.47	127-1	H8879	.73
54, 56	H8913	1.47	Tone 127-1, 132-1, 129, 129-1, 131, 146, 146-1	H8790	.98
58, 62 "Special"	H8888	1.47	132-1, Tone 133	H8808	.98
54-DC "Special"	H8910	1.47	141, Sent. 146-1	H8813	.98
5A, 5B, 7A, 73, 133	H8961	.98	133	H8873	.73
60, 61, 63 "Special"	H8887	1.47	128	H8859	.73
20, 31, 32	H8871	.73	146	H8696	.98
73, 74	H8803	.98	146-1	H8696	.73
48, 49, Late Models—Special Control	H8774	1.47	704-706-705	H8785	.98
250, 260	H8880	.73	<b>Edison &amp; Splitdorf</b>		
<b>Bremer-Tully Mfg. Co.</b>			R4, R5, C4, Special Twin, Early Models	H8925	.98
7-70, 7-71 "Special"	H8890	1.47	R6, R7, Early Models, C. T. Control, Special	H8830	.98
14, 21, 31, 81A	H8794	.98	R6, R7, R4, R5, C4, Late Models, Twin Control	H8897	.98
85, 36	H8812	.98	<b>Eveready</b>		
S-81, S-82, 81, 82	H8794	.98	1, 2, 3	H8862	.73
7-A, 7-B, W-81	H8839	.73	30, 40 Series	H8865	.73
<b>Brunswick-Balke-Collender Co.</b>			31	H8840	.73
S14, S21, S31, S81, S82	H8811	.98	50 Series, Original	H8892	.98
14, 21, 31	H8794	.98	<b>Fada</b>		
S-32 Cavac	H8804	.98	95C, 35B, 40AC, Original Control	H8898	.98
10 Midget "Special"	H8796	.98	25, 25Z, 15M, 15MZ, Special Shaft	H8932	.98
11, 12, 16, 33	H8793	.98	20, 20Z, Special Shaft	H8962	.98
D	H8863	.73	75, 77, 35, 35Z, Special Shaft	H8889	.98
<b>Colonial Radio Corp.</b>			43, 76Z, KF, KG	H8775	1.47
31DC	H8758	.73	122-KE	H8869	.73
SG-32AC, 33AC "Special"	H8719	1.73	KA-41, 42, 44, 46, 47, 86DC	H8874	.73
40, 43, 44, 47, 47E Tone Control	H8740	.98	KW-48, 49, Sw. Type	H8809	.98
44, 47, 48, 50	H8961	.98	K, U, 45, 51, 53, 57, Sw. Type	H8817	.98
<b>Columbia Radio Corp.</b>			KY 66, RE 73, 85, 87, 88, 89, RN 106, 107	H8819	.98
Screen Grid 8 "Special"	H8934	1.23	RC 78, 79	H8699	.98
SG-5, SG-7	H8839	.73	RL Fadalette	H8816	.98
SG-9	H8858	.73	<b>General Electric Co.</b>		
<b>Columbia-Kolster</b>			T41-RC3	H8905	1.47
C1, C2, C3, C4, C5, C6, C7, 980	H8839	.73	H31, H51, H71	H8867	.73
902, 961	H8860	.73	S-22, S-22X-S-42	H8867	.73
950	H8858	.73	T-12	H8877	.73
960	H8838	.73	<b>General Motors Radio</b>		
<b>Free Volume Control Guide will be sent with orders of 5 or more CRL Controls</b>			A Chassis, Models 120, 130, 140, 150, 160	H8913	1.47
<b>Free Volume Control Guide will be sent with orders of 5 or more CRL Controls</b>			M. A. Midget, 110, 190	H8913	1.47
<b>Free Volume Control Guide will be sent with orders of 5 or more CRL Controls</b>			M. A. Midget, 110, 190, Tone Control	H9003	.73
<b>Free Volume Control Guide will be sent with orders of 5 or more CRL Controls</b>			A Chassis, Models 120, 130, 140, 150, 160, Tone Control	H8833	.98

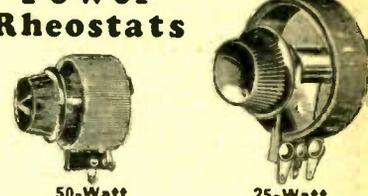
# Controls

Name and Model	Stock No.	Your Cost
<b>General Motors Radio—(Cont.)</b>		
S9A, 211, S9B	H8806	\$0.98
S10A, S10B, 220	H8818	.98
S2B, 251, S2A	H8817	.98
S2A, S2B, 251, Tone Control	H9007	.73
216, 217, 219, 250, Midget Set, 1931	H8861	.73
S1A, 216, 217, 219, 250, 1932	H8806	.98
S3A, S3B, 252, 253, 254, 255, 256, 257, 258	H8793	.98
<b>Graybar Electric Co.</b>		
700, 770, 900	H8867	.73
678	H8905	1.47
Graybarette	H8877	.73
8 Midget	H8867	.73
<b>A. H. Grebe &amp; Co. Inc.</b>		
428 Synchrophase AC-6; Synchrophase AC-7	H8838	.73
AH-1	H8859	.73
Early Synchrophase SK4-AC	H8900	1.47
SK4-DC	H8811	.98
HS4-1, 2, 3, 4	H8813	.98
<b>Grlgsby-Grunow (Majestic)</b>		
60, 70, 70B	H8835	.73
180, 181	H8720	1.47
50 Series	H8903	1.47
90, 91, 92, 180, 181, 321, Equalizer on Condenser	H8930	.98
90 Series, 9P6-3	H8767	.73
30, 31, 131, 132, 233	H8923	1.73
100 Series, 100B	H8768	1.73
130A, 230A	H8859	.73
20 Series	H8793	.98
60 Series, 160	H8769	.73
120 Series	H8770	1.47
15, 15B, 150	H8797	.73
15, 15B, 150, Tone Control	H8738	.98
25 Series	H8799	.98
25 Series, Tone Control	H9007	.73
110 Auto	H8856	.98
<b>Kellogg Switchboard &amp; Supply Co.</b>		
6 tube 507	H8863	.73
"B", 7 tube	H8871	.73
520 Series, 533, 534	H8861	.73
536, 535	H8861	.73
K24, 25, 27, 28	H8931	.73
Screen Grid Receiver	H8858	.73
520 Series, AVC	H8863	.73
<b>Colin B. Kennedy Corp.</b>		
12 S.G., 10, 20, 20B, "Special"	H8928	1.47
"Royal"	H8862	.73
26, 826, Tone Control	H9005	.73
34, 30 and 32, 50-52-56	H8872	.73
42 Midget	H8817	.98
<b>Kolster Radio Corp. (Columbia Phono.)</b>		
K20, 22, 25, 27	H8838	.73
K-21, 24, 28, 23, K30, 32	H8860	.73
B10, B15 and 16	H8860	.73
60 Series	H8813	.98
70, 80, 90 Series AVC	H8818	.98
100 Series	H8807	.98
K42, K43, K44, K45	H8926	1.47
<b>Montgomery-Ward</b>		
1522, 1562	H8931	.73
2822, 2827, 2895, 2897	H8876	.73
2955, 2957	H8913	1.47
3035, 3037, 3065, 3067	H8931	.73
S. G. Battery Set	H8931	.73
<b>Philco</b>		
65	H8866	.73
511, 512, 513, 514, 515, 521, 531, 541, 551, 561, 571, 581, 82, 86, 87	H9015	.73
76, 77, 77A, 70 Series	H8913	1.47
20, 20A, 220	H8771	1.47
30, 96, 96A, 11, 11A, 211, 211A, 296, 296A, 111, 112, 212	H9014	.73
41, 42, 220A	H9019	1.47
41, 42, Tone Control	H8783	.73
51, 52, 551	H9017	.73
71, 91, 121, 75	H8772	.73
80 Midget	H8773	.73
Transitone No. 3	H9009	.73
95	H9016	.73
<b>R. C. A. Victor</b>		
42, 48, R14, R15, RE-17	H8905	1.47
R32, RE45, R52, RE75	H8911	1.47
RE35, RE39, RE57, RE73	H8904	1.47
R5, R5X	H8877	.73
R7, R7A	H8867	.73
R7, Tone Control	H9009	.73
R7A, R11, RE18, Tone Control	H9007	.73

Name and Model	Stock No.	Your Cost
<b>R. C. A. Victor—(Cont.)</b>		
R-50, R55	H8861	\$0.73
R50, R55, Tone Control	H9009	.73
R57, 82, 86, Tone Control	H9005	.73
80, 82, 86	H8867	.73
RC834, RC42, R72, RE20	H8875	.73
Tone RC21, RE20	H8863	.73
RC38 Volume	H8695	.73
RC62	H8869	.73
RC70	H8874	.73
RC57	H8861	.73
Tone RC25	H8879	.73
RC95	H8694	.73
R4, R6	H8868	.73
Tone R4, R6, Tone R8, R12	H8820	.98
R8, R12	H8693	.98
R11	H8693	.98
Tone R11, R26	H8824	.98
R26	H8693	.98
R-17M	H8691	.98
R-18W	H8691	.98
R22	H8813	.98
R27	H8691	.98
R28P	H8821	.98
Tone R37, R38, Tone R70	H8808	.98
R37, R38, Special	H8690	.98
RE40P	H8811	.98
R70	H8843	.73
RC-436	H8696	.73
R-78A-84 Noise Suppressor	H8679	.98
<b>Silver-Marshall Inc.</b>		
630	H8762	.73
4, SM-730 Around the World	H8840	.73
740AC Coast to Coast	H8866	.73
714	H8843	.73
722AC	H8871	.73
30B, 60B, 75B, 95B	H8872	.73
770	H8844	.73
710 SM690	H8863	.73
37, 98, 39, 782	H8817	.98
683, A, F, D, EG, J, 716, 773		
R5	H8868	.73
B	H8872	.73
<b>Sparks Withington Co. (Sparton)</b>		
62, 63, 110, 110 DeLuxe		
Sparks Ensemble, 600, 610, 620, 89A	H8840	.73
931, 301	H8844	.73
101-103-55-109	H8865	.73
301, 589, 574, 737	H8931	.73
591-593	H9006	.73
235, 235DC	H8843	.73
5 & 9	H8817	.98
<b>Steinte Radio Co.</b>		
Midget 21, 23 "Special"	H8750	1.47
Midget "Special"	H8706	1.22
22, 25	H8931	.73
26, 28	H8867	.73
421, 425 or 21, 203, 600, 605, 630, 635, 642, 643	H8961	.73
<b>Stewart-Warner Corp.</b>		
500, 520, 525, 806	H8841	\$0.73
530, 535	H8839	.73
700, 705, 710, 900 series "Special"	H8727	.73
R-100A, R-100B, R-100E, R-100AF, 110 Series "Special" 950	H8728	.73
801-802	H8860	.73
811	H8840	.73
970-AC-980	H8913	1.47
305, 315, 320	H8876	.73
300, 310, 325	H8931	.73
363	H8838	.73
R-104-A, B, E, 106, 108, 108X, 111AC and DC	H8808	.98
Tone R104A, B, E	H8875	.73
105 Volume	H8875	.73
Tone R105	H8825	.98
106 Sent. 108, 108X Sent.	H8816	.98
112 Auto	H8809	.98
110 A and E	H8688	.98
<b>Stromberg-Carlson Tel. Mfg. Co.</b>		
523, 524, 734B, 744B	H8861	\$0.73
635, 636, 601, 602, 633, 634 Long Shaft	H8885	.98
601, 602, 633, 634, 635, 636, Double Shaft	H8886	.98
10, 11	H8865	.73
12, 14, Automatic Volume Control	H8863	.73
641, 642, 652, 654, Long Shaft	H8883	.98
641, 642, 652, 654, Double Shaft	H8884	.98
12, 14	H8687	.73
22, 24	H8686	.73
48	H8685	.98
52	H8825	.98

# VOLUME CONTROLS

## Power Rheostats



Stock No.	Resistance	25-Watt Your Cost
H8977	2 ohms	
H8978	6 ohms	
H8979	15 ohms	
H8980	50 ohms	\$0.98
H8981	150 ohms	
H8982	400 ohms	
H8983	1000 ohms	
H8984	5000 ohms	
H8987	25 ohms	
H8988	60 ohms	
H8989	150 ohms	1.22
H8990	500 ohms	
H8991	1000 ohms	
H8992	5000 ohms	1.35
H8995	50 ohms	
H8996	150 ohms	
H8997	300 ohms	1.47
H8998	500 ohms	
H8999	1000 ohms	

## Constant Impedance "T" Pad

A network of three resistances housed in a large dust and moisture tight case. Two wire wound sections offer constant resistance to the input and output circuits while a tapered graphite section provides smooth attenuation of volume level. Bakelite case 3 1/2 x 1 1/4" deep. Furnished with Bakelite knob.

Stock No.	Resistance	Stock No.	Resistance
H8950	5000 ohms	H8947	100 ohms
H8944	1500 ohms	H8948	50 ohms
H8945	500 ohms	H8949	15 ohms
H8946	200 ohms		

Your Cost Each **\$3.43**

## Constant Impedance "L" Pad

Recommended for individual control of magnetic speakers such as centralized school systems, hotels, hospitals, or where one or more speakers are added to the home receiving set. The two graphite resistances provide constant resistance to the line with smooth volume control of the individual speaker without changing the adjustment of other speakers on the same line. Safe energy dissipation 1 watt.

H8907	5000 ohms
H8908	10000 ohms

Your Cost Each **\$1.47**

## Phonograph Pickup Fader for Two Turn Tables

This control is made up of a potentiometer with an extra lug contact located at the center of the resistance. It provides both volume control and a fade-over switch for two phonograph pickups and turn tables. Bakelite case 2 1/4 x 1 1/2" shaft 1 1/2" long. Shaft and housing fully insulated from all terminals. Single hole mounting.

Resistance of each half of the control	Your Cost Each
H8825—100000 ohms	
H8827—50000 ohms	
H8828—25000 ohms	<b>\$1.95</b>

# VOLUME CONTROLS

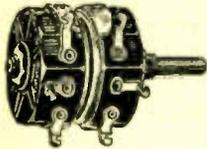
# Centralab Volume Controls—Cont.

Name and Model	Stock No.	Your Cost
<b>Transformer Corp. of America (Clarion)</b>		
55	H8684	\$0.73
56, 260, 25-260	H8819	.98
G1076	H8805	.98
84, 85	H8872	.73
Tone 84, 85, 220, 241, 240	H8825	.73
Tone 25-240, 260, 25-260	H8825	.73
Tone 360, 300, Tone 220	H8825	.98
94, 25-94	H8821	.98
Tone 94, 25-94	H8817	.98
100, G102	H8788	.98
160, 25-160	H8810	.98
220	H8838	.73

Name and Model	Stock No.	Your Cost
<b>Transformer Corp. of America (Clarion)—(Cont.)</b>		
241, 240, 25-240, 360	H8874	\$0.73
300, Special	H8683	.98
<b>U. S. Radio &amp; Television (Apex)</b>		
Gloritone 26	H8871	.98
26-B, P-20M	H8871	.73
99 Series	H8871	.73
29	H8931	.73
31 Series	H8817	.98
Midget 32-32A, 32B, 49	H8876	.73
28 Series	H8876	.73
7-A and 7-B	H8863	.73
8 and 10 Series	H8874	.73
Midget 27 Series (Late)	H8961	.98
46, 46A, 47, 47A, 48, 48A	H8876	.73
1010	H8808	.98
Tone 1010	H8879	.73
<b>Westinghouse</b>		
WR-4	H8905	1.47
WR-5, 6, 7, 8, 10-A	H8867	.73
WR-14	H8877	.73

Name and Model	Stock No.	Your Cost
<b>Zenith Radio Corp.</b>		
52, 522, 53, 532, 54, 542, 57, 50 Series, 70, 102, 112, 212, 10, 11, 12 Spec., 122	H8802	\$1.22
70 Series, 50, 60, 70, 71, 72, 73, 77, 712, 722, 732, 772 (Later types) Special (Dual)	H8924	1.73
"Zenette" AH, CH, RH, No. 30	H8817	.98
10, 11, 12, 102, 112, 212, 70	H8802	.98
2009	H8803	.98
70X, 80	H8861	.73
L. P.	H8817	.98
Tone 70 Series 2012	H8874	.73
Tone 75, 2047, 2051	H8875	.73
Tone 2017, 2018, 2022	H8863	.73
Tone 2014	H8841	.73
2021, 2018, 2023, 2020	H8793	.73
2024, 2022, 2047	H8793	.98
2014	H8824	.98
2017	H8682	1.73
2014, 2017 Noise	H8681	.73
2044, 2053, 2054	H8865	.73
2047	H8694	.73
2051	H8694	.73
2063, 2054	H8680	.98

## Clarostat Replacement Volume Controls



**FOR VICTOR MODELS R-32, RE-45, R-52, RE-75**

Dual volume control, 3800-3800 ohms. Shipping weight 8 ozs. on any one control. **\$1.30**  
F7050—Your Cost...

## ZENITH 50, 60, 70 SERIES

Dual volume control, used in late models of 50, and 60 Series, all of the 70 Series. Supplied with or without A. C. switch.

F7051—Without Switch. **\$1.10**  
Your Cost Each

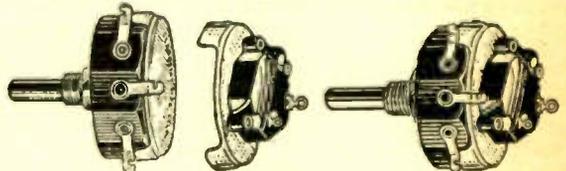
F7052—With A. C. Switch. **\$1.60**  
Your Cost Each

**RADIOLA Models 42, 48 VICTOR Models R-14, R-15**

Made for the above receivers. No changes necessary to install this unit. **\$1.30**  
F7053—Your Cost...

## CLAROSTAT Ad-A-Switch Wire Wound Volume Controls and Switch Coverplates

Listed below a series of Clarostat Wire Wound Controls designed to fill the jobber's, dealer's and serviceman's demand for reliable wire wound single controls which can be used either with or without switches as required. The plain dust-guard coverplate supplied with these controls can be pried off and a switch type dust-guard coverplate can be snapped in its place to convert the switchless unit into a switch unit. These units are supplied less knob, with insulated shaft and bushing.



Stock No.	Resistance Ohms	Current Carrying Capacity Ma.	Tapered For, or Suggested Uses	Your Cost
F7099	50	250	Standard potentiometer	\$0.42
F7098	100	180	Standard potentiometer	.42
F7097	200	125	Standard potentiometer	.42
F7096	300	100	Standard potentiometer	.42
F7095	400	85	Standard potentiometer	.42
F7094	500	80	Standard potentiometer	.42
F7093	750	65	Standard potentiometer	.47
F7092	1000	55	Standard potentiometer	.48
F7091	1000	40	For untuned antenna control	.48
F7090	2000	40	Standard potentiometer	.48
F7089	2000	25	For untuned antenna control	.48
F7088	2000	25	For "C" bias control	.53
F7087	3000	30	Standard potentiometer	.48
F7086	3000	20	For combined ant. and "C" bias	.53
F7085	3000	20	For "C" bias control	.53
F7084	5000	25	Standard potentiometer	.48
F7083	5000	17	For combined ant. and "C" bias	.53
F7082	5000	17	For "C" bias control	.53
F7081	7500	20	Standard potentiometer	.48
F7080	7500	14	For combined ant. and "C" bias	.53
F7079	7500	14	For "C" bias control	.53
F7078	10000	17	Standard potentiometer	.53
F7077	10000	12	For ant. or R. F. coil control	.58
F7076	10000	12	For combined ant. and "C" bias	.58
F7075	10000	12	For "C" bias control	.58
F7074	10000	12	For screen grid voltage	.58
F7073	15000	14	Standard potentiometer	.52
F7072	15000	11	For combined ant. and "C" bias	.58
F7071	15000	11	For screen grid voltage	.58
F7070	20000	12	Standard potentiometer	.58
F7069	20000	10	For "C" bias control	.64
F7068	25000	11	Standard potentiometer	.64
F7067	30000	11	Standard potentiometer	.69
F7066	40000	10	Standard potentiometer	.69
F7065	50000	9	Standard potentiometer	.72
Switch Type Coverplate				\$0.25



## Centralab

Free Volume Control Guide will be sent when ordering 5 or more, C. R. L. Controls.

With Switch **59¢** Brand New Controls Only Without Switch **44¢**

Announcing a new line of Centralab Volume Controls to meet the demand for a quality volume control at a low price. The same high quality as used in all of Centralab's products and years of experience in the resistance field go into making these controls the finest offered at this price, or near it. This list covers the 10 most popular controls and are guaranteed to give lasting satisfaction. Centralab replacement controls can be used on any set regardless of the make or type control originally used.

It is not necessary and often not desirable to connect the replacement control in the same circuit location as the original. Where the original control was of the wire wound type so located as to carry considerable current better and smoother volume control will result by using Replacement Control No. H9002 shunted from Antenna to Ground. The connections to the old control should then be soldered and taped to provide maximum volume at all times, with the Antenna control adjusted for the necessary volume level.

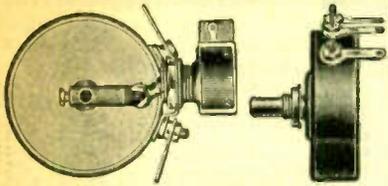
## Elf Potentiometers Three Terminals

Can be used for Tone, Pick-up and Volume Controls. Shaft extends 1 3/4" from case, milled flat for set screw or push-on knobs. Bakelite case, 1 1/2 x 1 1/4" Bushing, 3/8".

Stock No.	With Switch	Without Switch	Resistance in Ohms	Circuit Location
H9020	H9000		1000	Antenna Shunt
H9021	H9001		2000	Antenna Shunt, "C" Bias
H9022	H9002		5000	Antenna Shunt, "C" Bias and Ant
H9023	H9003		10000	Antenna Shunt, "C" Bias and Ant
H9024	H9004		25000	Screen Voltage or Tone Control
H9025	H9005		50000	Screen Voltage or Tone Control
H9026	H9006		75000	"C" Bias Control
H9027	H9007		100000	Screen Voltage or Tone Control
H9028	H9008		250000	Audio Shunt or Tone Control
H9029	H9009		500000	Audio Shunt or Tone Control
H9030	H9010		1 Megohm	Audio Shunt or Tone Control
Without Switch				With Switch
Your Cost Each				<b>44¢</b> <b>59¢</b>

# FROST

## No. 2890 Series Composition Element Type (Bakelite Case and Cover-Shaft Not Insulated)



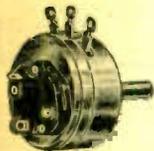
This is the Frost Control with Interchangeable Shaft

These Frost controls have interchangeable shafts and the standard resistance can be used in sets similar to Stromberg-Carlson and Zenith, which were designed with a special shaft that can be taken from the old control and be replaced in the new. We continue to guarantee Frost resistance curves and housings to be within commercial standards of electrical and mechanical accuracy.

Without Switch		With Switch	
Stock No.	Ohms	Stock No.	Ohms
G8379	5000	G8389	
G8380	10000	G8390	
G8381	15000	G8391	
G8382	25000	G8392	
G8383	50000	G8393	
G8384	75000	G8394	
G8385	100000	G8395	
G8386	250000	G8396	
G8387	500000	G8397	

Without Switch Your Cost... **60¢** With Switch Your Cost... **80¢**

## No. 20 Series Wire Wound Volume and Tone Controls



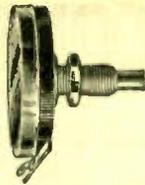
No. 20 Series With Built-in Switch

No. 20 Series

Without Switch		With Switch	
Stock No.	Ohms	Control	Stock No.
G8360	200	Variable-Mu Cathode	G8370
G8361	400	Microphone Button	G8371
G8362	1000	Untuned Antenna	G8372
G8363	2000	Untuned Antenna	G8373
G8364	3000	Untuned Antenna	G8374
G8365	5000	Antenna Shunt	G8375
G8366	10000	Antenna and Cathode Bias	G8376
G8367	25000	R. F. Bias	G8377

Without Switch Your Cost... **50¢** With Switch Your Cost... **70¢**

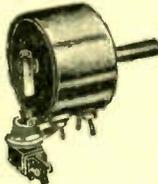
## Replacement Volume Controls for Stromberg-Carlson



All these controls are genuine Frost, made for replacement in Stromberg-Carlson receivers.

Models 635 and 636	
Front control, No. P-21688	<b>70¢</b>
G8322—Your Cost	
Rear control, No. P-21647	<b>65¢</b>
G8323—Your Cost	
Models 641, 642, 652, 654	
Front control, No. P-18598	<b>50¢</b>
G8325—Your Cost	
Rear control, No. P-18599	<b>75¢</b>
G8324—Your Cost	
Models 846 and 848	
Front control, No. P-18930	<b>66¢</b>
G8326—Your Cost	
Rear control, No. P-18599	<b>75¢</b>
G8324—Your Cost	
Model 638	
Front control, No. P-18422	<b>70¢</b>
G8328—Your Cost	
Rear control, No. P-18421	<b>75¢</b>
G8327—Your Cost	

## Original Zenith Volume Controls



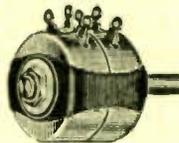
The original Dual Volume Control used in Zenith Receivers. Dual type with A. C. switch used in Models 62, 53, 522, 532, 54, 542, 55, 57, 60, 61, 62, 64, 67, 602, 613, 622, 642, 672, 71, 72, 73, 77, 712, 722, 732, 777. Zenith Part No. 63-122.

G8320—Your Cost, Each	<b>\$1.48</b>
Single Unit, with switch, used in Models 52, 53, 522, 532, 54, 542, 55, 57, 62, 64, 67, 60 and 61; early models of 602, 613, 622, 642, 672. Zenith Part No. 63-99.	<b>\$1.23</b>
G8321—Your Cost	
Single Unit—33, 34, 35, 35A, 342, 352, 352A, 362, 35APX, 11, 12, 14, 15, 16, 17, 31, 32, 333, 353A.	<b>80¢</b>
G8341—Your Cost, Each	
Single Unit with Switch—39, 39A, 40A, 392, 392A.	<b>\$1.25</b>
G8342—Your Cost, Each	

## Replacement Volume Control

For Victor R-32, R-52, RE-45, RE-75

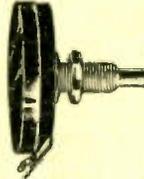
A greatly improved unit made by Frost, designed electrically for the above Victor receivers. No changes necessary to install this control. Smooth and noiseless in operation. Wire wound. Shipping weight 1 lb.



G8290—Your Cost... **95¢**

# VOLUME CONTROLS

## No. 40 Series Composition Element

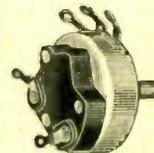


These controls are particularly suited for use in circuits requiring very critical curves and where there can be no material short circuiting, that is, detrimental lowering of the resistance between end terminals. The high insulation provided between shaft and live parts allows use of this control in circuit positions where the potential to ground may be several hundred volts. A positive wiping action between the resistance element and the disc.

Stock No.	Ohms	Stock No.	Ohms
G8330	1,000	G8335	25,000
G8331	2,000	G8336	50,000
G8332	3,000	G8337	75,000
G8333	5,000	G8338	100,000
G8334	10,000	G8339	250,000
		G8340	500,000

Your Cost, Each... **50¢**

## No. 70 Series Volume Controls



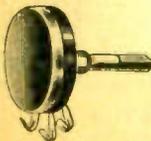
Composition element bakelite case with metal dustproof back cover, furnished either with or without "built-in" switch. This series has the full wiping contact between the movable member and the hard smooth composition resistance element. Size 1 1/4" in diameter. 2 1/4" in depth, 1" shaft length, 1/4" in diameter.

Without Switch		With Switch	
Stock No.	Ohms	Controls	Stock No.
G8299	1000	Untuned Antenna	G8296
G8300	2000	Cathode Bias	G8308
G8298	3000	R F Primary Shunt	G8295
G8301	5000	Antenna Shunt	G8309
G8302	10000	Antenna or R. F. Primary Shunt	G8310
G8303	25000	Phonograph Pick-up Screen Voltage	G8311
G8304	50000	Screen Voltage	G8312
G8305	75000	Variable-Mu Cathode Bias	G8313
G8306	100000	R. F. Plate Voltage	G8314
G8297	250000	Audio Transformer Shunt	G8294
G8307	500000	Audio Transformer Shunt Tone Control	G8315

Without Switch Your Cost... **45¢** With Switch Your Cost... **65¢**

# Genuine Controls for RCA Radiola Receivers

## Volume Control for RCA-Victor Models R-50 and R-55



G. E. Models H-32, H-72; Graybar Model GB-100. The genuine replacement volume control, part No. 7260.

F6786—Your Cost... **49¢**

## Tone Control for Victor Model RE-73

The genuine Victor replacement part No. 10813. Tone control with mounting nuts. Shipping weight 8 oz.

F6787—Your Cost... **49¢**



## Genuine Radiola Controls

RCA Model 16  
Part No. 5666, Filament Rheostat.  
F6775—Your Cost **35¢**

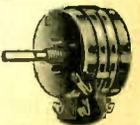
Models 44-46-47  
Part No. 6005, 2900 ohms Volume Control. Special slotted shaft.  
F6776—Your Cost... **65¢**

Models 60 and 62  
Part No. 5811, 450 ohms, Volume Control.  
F6777—Your Cost... **\$1.05**

Model 66  
Part No. 6027, 550 ohms, Volume Control.  
F6778—Your Cost... **90¢**

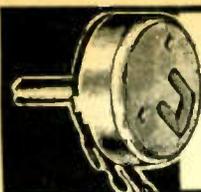


## Original Control for RCA 42-48 Victor R14, R15, RE17 GE T41, Graybar 678, Westinghouse WR4, RC3



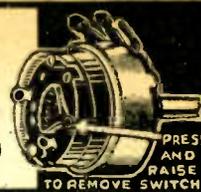
This control is a big wire wound dual unit and was furnished by RCA as a replacement for the original carbon strip type. It is used without the bridging brown and white resistor. Shpg. wt. 1 lb.  
F6589—Your Cost... **\$2.05**

Model 64  
Part No. 2334, 2750 ohms, Sensitivity Control  
F6779—Your Cost... **\$1.05**  
Part No. 2336, 1250 ohms, Volume Control.  
F6780—Your Cost... **60¢**



# YAXLEY VOLUME CONTROLS

APPROVED RADIO PRODUCTS



Manufacturer	Stock No.	Your Cost
<b>A. C. Dayton Co.</b>		
XL30, XL50, XL60, XL61, XL70F	F6602	\$0.58
AC63, AC65, AC66	F6604	.58
<b>All American Mohawk Co.</b>		
S-6, S-7, S-8, Model 90, Model "J"	F6567	.58
AC226, AC227, 6 Tube Mohawk, Lyric K	F6604	.58
Lyric, "J", "H", '96, 90, C6	F6603	.58
<b>American Bosch Magneto</b>		
Model 5, Model 20, Super Het.	F6603	.58
62DC, 44, 58, 62.	F6568	.58
28, 29	F6641	.73
7-A, 20, 20J, 20K, 20L, 31, 36, 73, 133, 135, 74	F6565	.58
100 (Auto Radio)	F6613	.58
<b>Amrad Corporation</b>		
AC-6, AC-6-C, 84	F6604	.58
81	F6606	.58
<b>Andrea, F. A. D.</b>		
41, 42, 44, 46, 47	F6607	.58
Model 45 (KU)	F6571	.58
KY Chassis used in 66 Receivers, RE Chassis in 73, 85 Receivers, RA Chassis in 74, 76, 83, 87, 88, 89, Receivers	F6604	.58
53, 57, 45, KW Chassis in 48, 49	F6609	.58
<b>Atwater Kent</b>		
55, 55C, 60, 60C, 61, 61C, 66	F6571	.58
82, 86, 86F	F6573	.58
80, 80F, 83, 83F	F6570	.58
<b>Balkett Radio Co.</b>		
A-3, A-5, A-7	F6602	.58
B-7, B-9, F, G, L-7, LC-7	F6603	.58
<b>Bremer-Tully Mfg. Co.</b>		
6, 14, 21, 31, 81-A	F6602	.58
81, 82	F6642	.88
<b>Brunswick-Balke-Collender Co.</b>		
17, 24, 25, 4PA, 4A, D11, D12, D16, D18, D35	F6604	.58
S14, S21, S31, S81, S82	F6568	.58
10, DC14, DC21, DC31	F6571	.58
11, 12, 16, 33	F6566	.58
14, 21, 31	F6602	.58
<b>Colonial Radio Corporation</b>		
47, 48	F6567	.58
44, 50, 46	F6603	.58
<b>Crosley Radio Corp.</b>		
20, 21, 22	F6602	.58
804, Early 704	F6565	.58
30S, 31S, 33S, 34S	F6605	.58
82S, 40S, 41S, 42S, 45S	F6644	.73
53	F6613	.58
54, 57, 58, 120, 55, 56	F6603	.58
122	F6571	.58
124, 125	F6567	.58
<b>Earl Radio Corp.</b>		
31, 32, 41	F6602	.58
<b>Edison Corp.</b>		
SC, C1, C2, E-175, R1, R2	F6568	.58
R-6, R-7, Abbey	F6604	.58
<b>Freed-Eisemann Radio Corp.</b>		
NR57, NR30, DC & AC	F6603	.58
NR78, 79, 95, 80, 85	F6602	.58
NR60, NR70	F6604	.58
<b>General Electric Co.</b>		
H71, H51, H31, H51R, H71R	F6571	.58
T12	F6566	.58
T12D	F6603	.58
H71, H51, H51R, H71R, S132, H32, Tone	F6606	.58
<b>General Motors Radio Corp.</b>		
SAC, 5003, 5091, 5077, 5080	F6603	.58
Chassis S1A, S1S, 216, 217, 219, 250, S9A, S9B, 211	F6606	.58
S2A, S2B, S51 (Tone Control)	F6613	.58
S4A, S4B, 252, 253, 254, 255, 256, 257, 258 (Tone Control)	F6602	.58
MA, MB, 110, 180, 190 (Tone Control), S10A, S10B, 220, 255, 255, 256, 257, 258, S2A, S2B, S3A, S3B, 251, 252, 255, 254	F6565	.58
A120A	F6617	1.47
<b>Graybar Electric Co.</b>		
311	F6569	.58
700, 770, 900	F6571	.58

**Snap-on Switch will fit any type Yaxley Volume Control. Easily attached. F6564—**  
**Your Cost. 21c**

Manufacturer	Stock No.	Your Cost
<b>Grebe &amp; Co., A. H.</b>		
AC6, AC7, 428-HS-4, SK-4AC	F6568	\$0.58
AH1	F6576	.58
1, 2, 3, 4, SK-4DC	F6571	.58
H-4, AH-1 (Tone Control)	F6613	.58
<b>Grigsby-Grunow Co.</b>		
70, 70B, 25, 150	F6567	.58
90, 91, 92, 100B	F6602	.58
Majestic 130 Chassis	F6575	.58
Majestic 23 Chassis, Brentwood, Cheltenham, Brucewood	F6570	.58
200	F6604	.58
210	F6612	.58

Manufacturer	Stock No.	Your Cost
<b>Kennedy Corp., Collin B.</b>		
80, 62	F6604	.58
Short wave unit for 826, 30, 32, 20 AC	F6606	.58
52, 52A, 56	F6565	.58

Manufacturer	Stock No.	Your Cost
<b>Kolster Radio Corp.</b>		
K20, 21, 22, 23, 25, 27, B10, 15, 16, K42, K70, K72, K80, K82, K90, K92, 6J, 6K, 6R	F6603	.58
K45	F6606	.58
C1, C2, C4, C5, C6, C7, 205, 980	F6604	.58
K60, K62	F6571	.58
K110, K112, K120, K122, K130, K132, K140, K142, K125, K113, K133, K143, K114, K123	F6604	.58

**FREE** A complete Yaxley Volume Control List for all servicemen. Just write and ask for it and a copy will immediately be sent to you. Take advantage of this offer now!

The famous Yaxley line has a control for practically every set ever built. They range in value from 5 to 2,500,000 ohms. Each unit will be found to be both efficient in operation and easy to install. Enjoy the assurance that you are getting exactly the proper unit for the job you have. Each Yaxley control conforms strictly with the original manufacturer's specifications. The listing has been double-checked to ensure accuracy. A complete line of Yaxley controls is carried in stock.

Manufacturer	Stock No.	Your Cost
<b>Lafayette</b>		
Duo Symphonic	F6569	.58
Duo Symphonic Junior, 1931, Series 10, Mighty Atom, AC524, Preselector	F6603	.58
Series 20	F6604	.58
Duo Symphonic (Tone Control)	F6607	.58

Manufacturer	Stock No.	Your Cost
<b>Montgomery Ward &amp; Co.</b>		
3035, 3037, 3065, 3067, 1522, 1562, 20W, 62-520, 4G, 26P, 26PX	F6567	.58
1355, 1955, Recital	F6607	.58
186W, 27W Chassis, Cavalier, Commander	F6567	.58
2955, 2957, Fantasy & Solo	F6565	.58
Cavalier, Commander (Tone Control)	F6604	.58

Manufacturer	Stock No.	Your Cost
<b>National Carbon Co.</b>		
1, 2, 3	F6641	.73
34	F6572	.58
30, 40	F6618	2.06

Manufacturer	Stock No.	Your Cost
<b>Philadelphia Storage Battery Co.</b>		
5, 82, 86, 87, 511, 521, 531, 541, 551, 561, 571, 581, 51, 51A	F6603	.58
Transitone 95, 96, 96A, 30, 211, 211A, 15, 47, 911, 91B, 91X, 111, 111A	F6604	.58
71H, 71L, 71B	F6607	.58
70, 70A, 90, 90A, 20, 20A, 270, 270A, 220	F6590	1.47
70, 70A (Serial Nos. greater than B22000)	F6604	.58
95, 112, 112A, 112E, 212, 212A, 212E	F6604	.58

Manufacturer	Stock No.	Your Cost
<b>R. C. A.-Victor</b>		
64, 67, VE9-54, VV9-18X (Volume Control)	F6626	\$0.88
44, 46AC, 47	F6627	.88
66	F6624	.88
60, 62	F6623	.88
80, 82, 86	F6628	.88
R32, R52, RE45, RE75, RE154, 33AC, 33DC, 18AC, 18DC, VV7-11, VE7-26, 51AC, 51DC	F6629	.88
R14, R15, RE17, 42, 48	F6589	2.06
46DC	F6633	.73
R11, R8, R10, R12, RE18, RE19, R21, RAE26, RO23, 7-23, R71, R72, R74, R76, R77, RE81, RE80, R75	F6636	.73
	F6634	.58
	F6638	.58

Manufacturer	Stock No.	Your Cost
<b>Silver Marshall, Inc.</b>		
37, 38, 39, 770, 782, 722, 30, 30B, 60B, 75B, 90B, 712, Bearcat, Midget, SMD1 Super 30	F6567	.58
36A, 710, 724, 740	F6568	.58
C-Super	F6612	.58

Manufacturer	Stock No.	Your Cost
<b>Sparks Wittington</b>		
49, 5-26, 5-15, 39, 6-26, 6-15	F6601	.58
15	F6647	1.18
25, 26	F6571	.58
110AC, 301, 101, 103, 109, 589, 930, 931, 79A, 69A, 591, 593, 89A, 111A, 570, 740, 750, 564, 600, 610, 620, 737, 574, 870, 5, 9	F6606	.58
	F6603	.58

Manufacturer	Stock No.	Your Cost
<b>Steinitz Radio Co.</b>		
40, 50, 40C, 60C, 70, 80, 95, 15, 26, 102, 102C, 992, 993, 412, 420, 210, 230, 240, 450, 15, 17, Chassis	F6602	.58
22, 28, 203, 261, 262, 421, 423, 425, 600, 605, 630, 635, 642, 643, 22, 23, Chassis	F6567	.58

Manufacturer	Stock No.	Your Cost
<b>Stewart-Warner Corp.</b>		
300, 305, 310, 315, 320, 325, 340, 345, 350	F6574	.58
811, 900	F6602	.58
B, E, 102A	F6603	.58

Manufacturer	Stock No.	Your Cost
<b>Stromberg-Carlson</b>		
1A, 1B, 501, 502, 601, 602, 633, 634, 523, 524	F6601	.58
635, 636, 638 (Short Staff)	F6652	.58
(Double Staff)	F6654	.73
846, 848 (Double Staff)	F6655	1.03
(Long Staff)	F6651	.73
641, 642, 652, 654 (Long Staff)	F6651	.73
(Double Staff)	F6653	.58
25, 26, 10, 11, 16, 17	F6576	.58
12, 14	F6648	1.03
22, 24, 27	F6650	1.03
19, 20, 21 (Tone Control)	F6649	.88

Manufacturer	Stock No.	Your Cost
<b>United Air Cleaners Corp.</b>		
103, 104, 106B, 444, 666, 666C	F6603	.58
Series 20, Sentinel 114	F6604	.58
Series K70	F6571	.58
Sentinel 440	F6565	.58
108, 108A, 108B, 114 (Tone Control)	F6606	.58

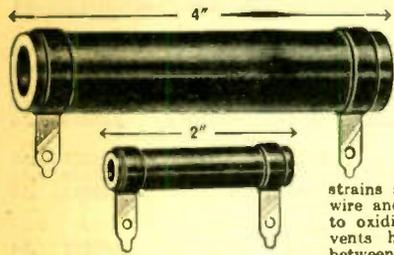
Manufacturer	Stock No.	Your Cost
<b>U. S. Radio &amp; Television Corp.</b>		
Case 80, Apex, 36, 37, 50, 60, 90, Gloriatone 28, 29, Apex 41, 43, 46, 47, Apex 28	F6574	.58
8 Series Superhet, 10 Series Superhet	F6607	.58

Manufacturer	Stock No.	Your Cost
<b>Westinghouse Electric Mfg. Co.</b>		
WR5, WR6, WR7, WR8	F6571	.58
WR10, WR10A	F6628	.88
WR14	F6566	.58
WR15	F6593	1.47
WR15 (Tone Control)	F6604	.58
WR10 (Tone Control)	F6604	.58
WR4	F6589	2.06
WR6, WR7 (Tone Control)	F6606	.58

Manufacturer	Stock No.	Your Cost
<b>Zenith Radio Co.</b>		
14, 15, 16, 17, 27, 39, 6 Tube Zenette, 33, 34, 35, 35A, 342, 352, 352A, 362, 333, 353, 34P, 342P, 40A, 41, 42, 422, 35PX, 85APX, 352PX, 352APX, 37A, 85	F6602	.58
62, 53, 54, 60, 61, 62, 64, 67, 602, 613, 622, 642, 672, 70	F6619	2.06
5 Tube Zenette, LH, WH, MH	F6603	.58
5 Tube Zenette Pentode	F6567	.58
10, 11, 12, 80, 82, 89, 102, 112, 122, 822, 892 (WH, 80 Super Merton Tone) 6 Tube Zenette	F6606	.58
BH, LH	F6606	.58

# Trutest Vitreous Enamel RESISTORS

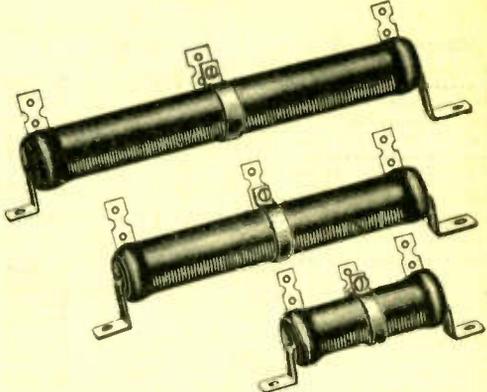
## Trutest Vitreous-Enameled Fixed Resistors



The very finest Vitreous Enameled Resistors that can be used in practically any circuit, amplifier or radio receiver. Many are the outstanding mechanical and electrical advantages; low coefficient of expansion eliminates strains at junction of resistance wire and lugs. High resistance to oxidation under firing prevents high resistance contacts between resistance wire and lugs.

Vitreous enamel insulation. Capable of withstanding high temperature. Non-porous—does not absorb moisture. Rapid heat dissipation—positive lug contact—long life and permanent resistance value. TRUTEST VITREOUS ENAMELED RESISTORS are equipped with Monel Metal Contact Lugs which do not crystallize or lose their strength under firing. By replacing with TRUTEST RESISTORS, you are assured of long and satisfactory service. These Resistors are of the highest quality obtainable and cost no more than a cheaper grade. They are conservatively rated and will withstand unusual voltage abuses. Each resistor is individually marked.

## Trutest—Semi-Variable Resistors—Vitreous Enameled Replacement Voltage Dividers for all Circuits



Trutest—Semi-Variable Resistors are the most practical replacement voltage dividers ever made. They are protected from mechanical and electrical injury through the use of Vitreous Enamel over four-fifths of the surface. Easily carried in tool kit without fear of breakage if ordinary care is taken. They permit installation in practically any circuit or receiver as the adjustable lugs may be set to the proper place without complicated meter readings. Just set the lugs to the desired points and you immediately have a made-to-order voltage divider. The adjustable lugs have small contact buttons so that several taps may be

used without "shorting out" much resistance. Trutest Resistors are wound over an Isolantite porcelain tube which supports the wire and resists the pressure of the contact button, thus freeing the winding from any strain. The wire is held firmly in place by the Vitreous Enamel which not only insulates each turn but also provides a ready path for the dissipation of the generated heat. Vitreous Enamel is one of the best conductors of heat and permits using the units to the full limit of their ratings. Mounting brackets furnished with each unit. Each unit is equipped with one sliding contact.

3/8x1 3/4" Isolantite Tube 10 Watt Rating				1/2x2" Isolantite Tube, 20 Watt Rating				Your Cost Each
Stock No.	Ohms	Milli-amps.	Volts	Stock No.	Ohms	Milli-amps.	Volts	
E4850	1	3150	3	E4908	5	2000	10	\$0.21
E4851	2	2200	4.5	E4909	10	1415	14	
E4852	3	1800	5.5	E4910	25	895	22	
E4853	4	1600	6.5	E4911	50	633	32	
E4854	5	1400	7	E4912	75	517	38	
E4855	7.5	1150	8.5	E4913	100	447	44	
E4856	10	1000	10	E4914	150	375	57	
E4857	12	900	11	E4915	200	316	63	
E4858	15	800	12	E4916	250	282	70	
E4859	20	700	14	E4917	300	258	77	
E4860	25	630	16	E4918	350	238	83	
E4861	30	570	17	E4919	400	224	90	
E4862	35	530	19	E4920	500	200	100	
E4863	40	500	20	E4921	650	176	114	
E4864	50	450	22	E4922	700	169	118	
E4865	75	360	27	E4923	750	163	122	
E4866	100	315	31	E4924	800	158	126	
E4867	125	280	35	E4925	850	153	130	
E4868	150	250	39	E4926	1000	141	141	
E4869	200	220	45	E4927	1100	135	148	
E4870	250	200	50	E4928	1200	129	155	
E4871	300	180	55	E4929	1250	126	157	
E4872	400	158	63	E4930	1500	115	173	
E4873	500	141	70	E4931	1750	107	187	
E4874	600	130	77	E4932	1850	104	193	
E4875	750	115	85	E4933	2000	100	200	
E4876	1000	100	100	E4934	2250	94	211	
E4877	1200	91	111	E4935	2400	91	218	
E4878	1500	81	122	E4936	2500	89	222	
E4879	2000	70	141	E4937	2750	85	235	
E4880	2500	63	158	E4938	3000	81	244	
E4881	3000	56	173	E4939	3500	75	262	
E4882	4000	50	200	E4940	4000	71	284	
E4883	5000	45	222	E4941	4500	66	287	
E4884	6000	41	245	E4942	5000	63	315	
E4885	7500	36	274	E4943	6000	57	342	
E4886	10000	31	316	E4944	7000	53	372	
E4887	12000	29	350	E4945	7500	51	383	
E4888	15000	26	388	E4946	8000	50	400	
E4889	20000	22	440	E4947	10000	44	440	
E4890	25000	20	500	E4948	12500	40	500	
				E4949	15000	37	550	
				E4950	25000	28	700	
				E4951	35000	24	850	

25 Watts (2" Long x 3/8" o. d.)				50 Watts (4" Long x 3/8" o. d.)			
Stock No.	Resist. Ohms	Max. Current in M. A.	List Price	Stock No.	Resist. Ohms	Max. Current in M. A.	List Price
X20740	1	5000	\$0.85	X20770	100	700	\$1.30
X20741	2	3500	.85	X20771	200	500	1.30
X20742	3	2800	.85	X20772	300	406	1.30
X20743	5	2225	.85	X20773	400	353	1.30
X20744	10	1500	.85	X20774	500	316	1.30
X20745	20	1100	.85	X20775	800	252	1.30
X20746	50	700	.85	X20776	1000	224	1.30
X20747	100	500	.85	X20777	1500	182	1.30
X20748	200	353	.85	X20778	2000	158	1.30
X20749	300	289	.85	X20779	2500	141	1.30
X20750	500	224	.85	X20780	3000	129	1.30
X20751	750	182	.85	X20781	4000	112	1.30
X20752	800	177	.85	X20782	5000	100	1.30
X20753	1000	158	.85	X20783	6000	91	1.45
X20754	1500	129	.85	X20784	7000	84	1.45
X20755	2000	112	.85	X20785	8000	79	1.45
X20756	2250	105	.85	X20786	9000	74	1.60
X20757	2500	100	.85	X20787	10000	71	1.60
X20758	3000	91	.85	X20788	12000	65	1.60
X20759	4000	79	.85	X20789	15000	58	1.75
X20760	5000	71	.85	X20790	20000	50	1.80
X20761	6000	64	.85	X20791	25000	45	1.80
X20762	7000	60	.85	X20792	30000	41	1.85
X20763	8000	56	.85	X20793	40000	35	1.90
X20764	9000	52	.85	X20794	50000	32	1.95
X20765	10000	50	.85				

3/4x4" Isolantite Tube 50 Watt Rating				Your Cost Each		
Stock No.	Ohms	Milli-amps.	Volts			
E4955	10	2230	22	\$0.33		
E4956	20	1581	36			
E4957	50	1000	50			
E4958	100	707	70			
E4959	250	447	111			
E4960	500	316	157			
E4961	700	267	185			
E4962	750	258	192			
E4963	1000	223	200			
E4964	1500	182	275		.40	
E4965	2000	158	315			
E4966	2250	149	330			
E4967	2500	141	350			
E4968	3000	129	375			
E4969	4000	111	450			
E4970	5000	100	500	.55		
E4971	6000	91	540			
E4972	7000	84	590			.50
E4973	7500	81	610			
E4974	8000	79	630			
E4975	9000	74	670			
E4976	10000	70	700	.50		
E4977	12000	65	780			
E4978	12500	63	790			
E4979	15000	57	850			
E4980	17500	53	940	.50		
E4981	20000	50	1000			
E4982	25000	44	1100			
E4983	30000	41	1200			
E4984	40000	35	1400	.55		
E4985	50000	31	1550			
E4986	60000	29	1750			
E4987	75000	26	1950			
E4988	100000	22	2200	.60		

6" Long x 3/4" O. D.—75 Watts			
Stock No.	Resist. Ohms	Max. Current in M. A.	List Price
X20800	100	865	\$1.75
X20801	200	610	1.75
X20802	300	500	1.75
X20803	400	432	1.75
X20804	500	387	1.75
X20805	750	316	1.75
X20806	1000	274	1.75
X20807	1500	224	1.75
X20808	2000	194	1.75
X20809	2500	173	1.75
X20810	3000	158	1.75
X20811	4000	137	1.75
X20812	5000	122	1.75
X20813	6000	112	1.75
X20814	7000	103	1.85
X20815	7500	100	1.90
X20816	10000	87	2.10

**Extra Sliders**  
As the above semi-variable resistors are supplied only with one slider, it will be necessary to use the same number of sliders or taps as the number of sliders or resistance being replaced.  
X20825—Your Cost Each **6¢**

# VOLTAGE DIVIDERS

Wholesale Radio Service Co. Inc. presents below an accurate listing of voltage dividers. The serviceman can now be assured that the divider or resistance he requires is made according to original specifications.



Name and Model	Resistance	Stock No.	Your Cost	Name and Model	Resistance	Stock No.	Your Cost
<b>ACME</b>				<b>BOSCH—(Continued)</b>			
AC-7	2500-1200-200	X20400	\$0.67	62, 63AC	1400-2600-250	X20437	\$0.70
AC-7	200-290	X20401	.45	62, 63DC	20000-5000-900-150	X20438	.95
<b>ALL AM. MOHAWK</b>				<b>BRANDES (Kolster)</b>			
A, B, C, D, E, F, G, H	2000-2000-1000-300-900	X20402	.90	B-10	5600-0-1800-140-1000	X20439	.90
C-6	3000-2000-2500-900	X20403	.90	B-11	1800-0-450-45-2500	X20440	.90
Lyric K.	908-150-650-40-250-2000-1700	X20404	.90	B-15, B-16	2500-45-410	X20441	.85
<b>AMRAD</b>				<b>BREMER-TULLY</b>			
AC-7	2175-1555-350	X20405	.75	6-50, 6-41	3000-560-6500-5000-1660	X20442	.74
<b>APEX</b>				8-20, 8-21	4900-5500-8000	X20443	.70
8	500-1000-1200-600-600-550	X20406	.98	<b>BROWNING-ORAKE</b>			
10	500-1000-1800-600-425	X20407	.95	54	2600-3900-3450-4500-850	X20642	1.20
20	55-1250-3750	X20408	.80	54	800-2220-1000-2500	X20643	1.20
26	1000-2640	X20409	.65	<b>BRUNSWICK</b>			
26-P	640-360-2640	X20410	.80	B-17, PR-17-8	1690-205-2140-3750-410	X20444	.65
27	4700-8400-10700	X20411	.73	5-KR, 8-KR, 2-KR, etc.	1600-1900-440	X20445	.35
28	7000-700-2200-70	X20412	.80	3NC8, 5NC8	400-350-350-190 (Bias)	X20446	.60
48	700-2200-700	X20413	.80	3NC8, 5NC8	2250 (Plate Resistor)	X20447	.50
<b>ARGUS</b>				3KR8 (AF-736)	7230 ohms	X20448	.95
B-125	900-485-735	X20414	.80	3KR8 (AF-736)	1370-1228-1500-197-1970	X20449	1.00
B-195	4000-0-460-700-65-0-280	X20415	1.75	3-NW-8	310-3850-310 (Bias)	X20450	.80
<b>ARBORPHONE</b>				3-NW-8	2200-300-4000-1280	X20451	1.00
AC	1500-20000-0-1300-275	X20416	.90	3-NW-8	1500-1000-250-130-160	X20452	1.00
R-11	1100-250	X20417	.50	3, 8, 10, 11, 13	4920-900-700-90-40-120	X20453	1.00
R-11	8500-2000	X20418	.70	PR-6	4250-4250-3200	X20454	.95
<b>AUDIOLA</b>				<b>COLONIAL</b>			
31 Series	2300-2100-850	X20419	.75	28	8500-7000	X20458	.70
Super Pentode	10000-10000-4000	X20420	.73	28	2200-4000-1000	X20459	.70
<b>BALKEIT</b>				28	25000-50000-50000	X20460	.80
AB6, 180-A, 180-B	6000-3000-1800	X20421	.70	32AC	100-40	X20461	.50
C	3600-770	X20422	.55	32AC	210-210	X20462	.55
F	4500-650	X20423	.55	33, 34	60000-50000-11000	X20464	1.00
B-7, B-9	7700-12000-4300	X20424	.90	32, 33, 34	2400-1800	X20465	.60
A-7	10000-3200	X20425	.85	32 DC	34.9 ohms	X20466	.90
AB6, 135, B-135	6000-3500	X20426	.70	32 DC	1.43 ohms	X20467	.24
<b>BOSCH</b>				32 DC	5.7 ohms	X20468	.35
28	5000	X20427	.55	36	10000-65000	X20469	.50
29-825	10000-10000	X20428	.85	36 DC	1.83-17.6-68	X20463	.95
29-825	2000	X20429	.30	<b>COLUMBIA RADIO</b>			
28	1200	X20430	.25	Screen-Grid 8	7500-10000	X20470	.70
48	950-1450-2000	X20431	.65	<b>COLUMBIA (Kolster)</b>			
49	1650-800-1950	X20432	.65	C-1, C-3	3000-3000-220-60-840	X20471	.75
58	2050-1950-180-950	X20433	.70	C-2, C-4	900-120-90	X20472	.60
54DC	5 ohms	X20434	.28	C-5, 961 (205)	7200-60-90-700	X20473	.70
54DC	22 ohms	X20435	.28				
60	1300-2380-160-950	X20436	.70				

## CLAROSTAT

New Add-A-Switch Tone and Volume Controls

A Very Moderate Priced Control to which a Switch can Be Conveniently and Firmly Attached

Stock No.	Resistance in Ohms	Suggested Use of Unit
F6842	1000	Tapered Pot. for Untuned Antenna
F6843	2000	Tapered Pot. for Untuned Antenna
F6844	5000	Tapered Pot. for Combined Ant. and C Bias
F6845	10000	Pot. for Ant. or R. F. Control
F6846	10000	Pot. for Combined Ant. and C Bias
F6847	15000	Pot. for Combined Ant. and C Bias
F6848	20000	Pot. for Combined Ant. and C Bias
F6849	25000	Pot. for Screen Grid Control
F6850	50000	Pot. for Screen Grid Control
F6851	50000	Rheostat for Tone Control
F6852	100000	Pot. for R. F. Shunt Control
F6853	100000	Rheostat for Tone Control
F6854	200000	Rheostat for Tone Control
F6855	250000	Pot. for Audio Transf. Shunt
F6856	500000	Pot. for Audio Transf. Shunt
F6857	500000	Rheostat for Tone Control
F6858	1000000	Standard Potentiometer
F6859	1000000	Rheostat for Tone Control

Any of the above Controls  
Your Cost..... **45¢**

F6860—Switch for any of the above Controls  
Your Cost..... **25¢**

## ELECTRAD FLEXIBLE RESISTORS

1/2 Watt      I Watt

1 WATT, 2 INCHES LONG WITH PIGTAILS

Stock No.	Max. Current	Stock No.	Max. Current	Stock No.	Max. Current
G8201	5 445	G8213	225 66	G8223	750 37
G8202	10 315	G8214	250 63	G8224	800 35
G8203	15 260	G8215	300 58	G8225	850 34
G8204	25 200	G8216	350 53	G8226	900 33
G8205	40 160	G8217	375 52	G8227	1000 31
G8206	50 140	G8218	400 50	G8228	1250 28
G8207	60 129	G8219	450 47	G8229	1500 26
G8208	75 115	G8220	500 45	G8230	1600 25
G8209	100 100	G8221	600 41	G8231	1750 24
G8210	125 89	G8222	700 38	G8232	2000 22
G8211	150 81	Any of the above, 1 Watt		<b>15¢</b>	
G8212	200 71	Your Cost			

1/2 WATT, 1 INCH LONG

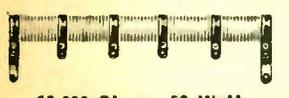
Stock No.	Max. Current	Stock No.	Max. Current	Stock No.	Max. Current
G8233	5 316	G8243	150 58	G8253	600 29
G8234	10 224	G8244	200 50	G8254	700 27
G8235	15 183	G8245	225 47	G8255	750 26
G8236	25 140	G8246	250 45	G8256	800 25
G8237	40 112	G8247	300 41	G8257	850 24
G8238	50 100	G8248	350 38	G8258	900 23.6
G8239	60 91	G8249	375 37	G8259	1000 22.4
G8240	75 78	G8250	400 36	Any of the above, 1/2 Watt	
G8241	100 71	G8251	450 34	<b>12¢</b>	
G8242	125 63	G8252	500 32	Your Cost	

# VOLTAGE DIVIDERS [Continued]

Name and Model	Resistance	Stock No.	Your Cost
<b>COLUMBIA (Kolster)—(Continued)</b>			
C-5 (310).....	3400-3800-55-80-140-360	X20474	\$0.95
930-300.....	2000-140-500	X20475	.40
C-500.....	2000-135-500	X20476	.45
902, 930, 980.....	2100-120-430	X20477	.70
920.....	1650-410	X20478	.70
931.....	6000-2200-135-700	X20479	.70
940.....	2500-45-410	X20480	1.00
950.....	9000-3200-140-70-700	X20481	.70
950.....	30000-20000	X20482	.70
980.....	6000-55-100	X20483	.70
<b>CROSLEY</b>			
704 AC Jewelbox.....	540-55-55	X20484	.70
704 AC.....	3475-1525	X20485	.72
77, 77-1, 120.....	1750-2000-225-320	X20486	.90
<b>DAYFAN</b>			
6 Jr. 5524, 5525.....	2000-3000-1300	X20488	.70
5050 Power Unit.....	1400-3500-5800-7000-180-650	X20489	1.15
5080 Power Unit.....	1100-100-2000-3300-950	X20490	1.10
<b>EARL</b>			
31, 31S, 32, 32S, 41, 33, 83S.....	4000-0-750	X20491	.50
<b>EDISON</b>			
R-1, R-2, C-2.....	12500	X20492	.65
R-4, R-5, C-4.....	10000	X20493	.45
R-1, R-2, C-2.....	750-750	X20494	.65
All Models.....	8000	X20495	.29
<b>FADA</b>			
42, 44, 41, 46, 47.....	800-300-100	X20497	.65
<b>FEDERAL</b>			
D, E, F, G, Units.....	135-2000-300-350	X20499	.95
H Unit.....	3500-13000	X20500	.85
<b>FREED</b>			
78, 78S, 79, 79S, 90, 90S, 85, 65.....	4000-0-750	X20491	.55
<b>FREED-EISEMANN</b>			
NR-11.....	7.5 ohms	X20501	.50
NR-11.....	360-90-90	X20502	.50
NR-11.....	1750 ohms	X20503	.50
NR-57, NR-60.....	1750 ohms	X20503	.50
NR-57, NR-60.....	350-2000	X20504	.70
NR-70.....	1150-2000-350	X20505	.85
NR-80.....	2000-350	X20506	.65
NR-485.....	1900-2000-350	X20507	.70
<b>FRESHMAN</b>			
N-11, N-12.....	2200-6600-3300-4500-1500	X20508	.60
"C".....	2100-3000-4300-1250-300	X20509	.65
M60-S.....	10000-12500	X20534	.75
H.....	9300	X20535	.75
H.....	20, 300	X20536	.75
<b>GENERAL MOTORS</b>			
"A" Chassis, 120, 130, 140, 150, 160.....	1400-3500-5800-7000-180-650	X20510	1.15
	800-59-1863-2000-465	X20511	1.10
	6900-7600-4800	X20512	1.40

Name and Model	Resistance	Stock No.	Your Cost
<b>GENERAL MOTORS—(Continued)</b>			
M. A. Little General 252.....	150-18000-14550	X20527	\$0.55
251 (S2A & S2B).....	4800-7600-6900	X20528	.95
<b>GRAYBAR</b>			
17.....	1690-205-2140-3750-410	X20444	.60
500, 550.....	2800-900-3600-110 (No. 1)	X20563	.95
500, 550.....	500-0-1460-540-0-80 (No. 2)	X20564	.50
311.....	1600-1900-440	X20445	.20
340.....	400-350-350-190 (Bias)	X20446	.65
340.....	2250 (Plate Resistor)	X20447	.40
600.....	375-90 (Bias)	X20513	.50
600.....	4800 (Plate Resistor)	X20514	.40
678.....	3200-830-120-715	X20639	.60
<b>GREBE</b>			
SK-4.....	677-2200-62	X20515	.80
SK-4.....	7000-10000-1500	X20516	1.05
AC-6.....	750-2800-5900	X20517	.70
AC-6.....	6300-95-695	X20518	.85
AC-7.....	20000-6000	X20519	.80
<b>GULBRANSEN</b>			
AC-8.....	3100-9473-11250-150	X20520	.95
<b>HAMMARLUND</b>			
Hi-Q 30.....	800-2000-1400-3000-2000	X20521	.75
Hi-Q 31.....	2400-2800-1850-3750-850	X20522	1.05
<b>HOWARD</b>			
135-AC.....	1600-12000	X20523	.90
<b>KELLOGG</b>			
523, 528.....	1000-3000-1500-1000-130	X20537	1.80
<b>KOLSTER</b>			
6J, 6K, 6R.....	3000-3000-220-900	X20538	.70
6H.....	500-5000-940	X20539	.65
K-20, 22, 25, 27.....	840-60-220-3000-3000	X20540	.75
K-21, K-23.....	90-125-900	.55	
K-24.....	3400-3800-55-80-140-360	X20541	.75
K-38.....	3600-55-75-700	X20542	.70
K-42.....	840-140-2600	X20543	.70
K-43.....	1600-1000-380	X20544	.90
K-44, K-45.....	1450-650-200-350	X20545	.80
K-48.....	1500-2000-100-2000	X20546	.70
K-50.....	1525-2500-280-400	X20547	.90
K-60, K-62.....	4000-1500-1500-200	X20548	.90
K-70, K-72.....	3000-3000-2000-200	X20549	.90
K-90, 92-, 80, 82.....	6000-7000-3000-250	X20533	.90
<b>MAJESTIC</b>			
20.....	4125-700-0-770-158	X20550	.90
30.....	2360-3800-3460-0-101-750	X20551	1.00
130-A.....	4875-5230-3840-7900-154	X20552	1.00
<b>PHILCO</b>			
20, 20-A.....	1400-187-75-0-2470-975	X20553	.60
65.....	2000-700	X20554	.65
76, 77, 77-A.....	800-250	X20555	.60

### ELECTRAD Variable Voltage Dividers



13,000 Ohms—50 Watts

This universal air cooled voltage divider has 4 sliding taps that enables the serviceman and set builder to obtain various voltages depending on the particular type of circuit in which it is used.

**G7318—Your Cost 80¢**

---

25,000 Ohms—50 Watts

Total resistance of 25,000 ohms, also has 4 variable taps.

**G7319—Your Cost 80¢**

---

25,000 Ohms—75 Watts

Special Heavy Duty tapped voltage divider where excessive current is used. Has 4 sliding contacts.

**G7320—Your Cost \$1.25**

---

41,000 Ohms—75 Watts

Designed for the power supply of a '10 or '50 type tube receiver or amplifier. Ideal for Public Address and Phonograph amplifiers. Has 6 sliding contacts for all necessary voltages. Shpg. wt. 8 oz.

**G7321—Your Cost \$1.95**

### YAXLEY Grid Resistors



Wire wound for the grid line. Mount directly to socket. Illustrated above.

Stock No.	Resistance Ohms	Mounting Centers	Net Price
F6315	100	1 1/2"	\$0.18
F6316	200	1 1/2"	.18
F6317	300	1 1/2"	.18
F6318	400	1 1/2"	.18
F6319	500	1 1/2"	.18
F6320	600	1 1/2"	.24
F6321	700	1 1/2"	.24
F6322	800	1 1/2"	.24
F6323	1000	1 1/2"	.24
F6324	1500	2 1/2"	.24
F6325	2000	3 1/2"	.24
F6326	3000	4"	.24

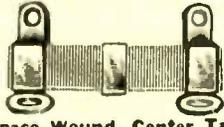
### YAXLEY 20 Ohm C. T. Resistor



These resistors are made of the highest grade wire, are accurate, and are space wound on fibre, with eyeletted soldering lugs. Tapped with soldering lug at the electrical center. Can be used as hum control, and for other general purposes.

**F6300—Your Cost Each 6¢**

### YAXLEY Tapped Resistances



Space Wound, Center Tap Electrical Centered

Stock No.	Resistance in Ohms	Mounting Centers	Net Price
F6301	6	1 1/2"	\$0.18
F6302	10	1 1/2"	.18
F6303	12	1 1/2"	.18
F6304	15	1 1/2"	.18
F6305	20	1 1/2"	.18
D6306	30	2 1/2"	.18
D6307	50	1 1/2"	.18
F6308	64	1 1/2"	.18
F6309	100	2 1/2"	.24
F6310	400	2"	.24

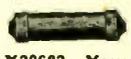
### YAXLEY Resistance Units

Small, accurate, provided with combination screw eye and solder lug.

Ohms	Ohms
F6330—1	F6337—10
F6331—2	F6338—15
F6332—3	F6339—20
F6333—4	F6340—25
F6334—5	F6341—30
F6335—6	F6342—40
F6336—8	

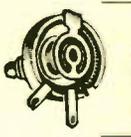
List Each 15¢ **9¢**

### Genuine MAJESTIC Resistances



1000 ohm resistor, for Majestic 70 Series. Part No. 107.

**X20682—Your Cost Ea. 10¢**



1/4 ohm Hum Buckler Rheostat Type. Part No. 106

**X20680—Your Cost Each 15¢**



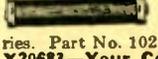
20 ohm center-tap for Majestic 70, 80, and 90 Series. Part No. 1010.

**X20685—Your Cost 15¢**



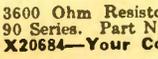
R. F. Grid Bias Resistor for Majestic Model 70 and 90 Series. 550 ohms.

**X20681—Your Cost Ea. 10¢**



2170 ohm Resistor, for Majestic 70 Series. Part No. 102.

**X20683—Your Cost Ea. 10¢**



3600 Ohm Resistor, for Majestic 90 Series. Part No. 399.

**X20684—Your Cost Ea. 10¢**

# VOLTAGE DIVIDERS [Continued]

Name and Model	Resistance	Stock No.	Your Cost	Name and Model	Resistance	Stock No.	Your Cost
<b>PHILCO—(Continued)</b>				<b>SAMSON "PAM"—(Continued)</b>			
76, 77, 77-A	2000-1500-1400	X20556	50.65	Pam Model 210	1540-19300	X20587	\$0.80
87	3785-157-0-640	X20557	.75	Pam Model 210	1560-775-11000	X20588	.80
<b>PEERLESS</b>				PABC 2	740-90-90	X20589	.75
22	100000-50000-50000-25000	X20558	.75	PABC 3	1500-2000-500	X20590	.65
<b>RCA—RADIOLA</b>				PABC 4	460-60-50	X20591	.60
17, 50	1690-205-2140-3750-410	X20444	.25	PABC 5	1750-1100	X20592	.75
18, 83, 51	1600-1900-440	X20445	.20	DeLuxe	5000-1100-1100	X20593	.80
80	4920 (Resistor No. 4)	X20705	.95	DeLuxe	45-45-310-30	X20594	.75
80	620-3380 (Resistors Nos. 2 and 3)	X20706	.95	<b>SONORA</b>			
80	2600-1400 (Resistor No. 1)	X20707	.95	B-30, B-31	800-1000-1200-4000	X20595	.75
80-A	3000-2000-300-500-900	X20559	.59	880	2500-5500-4500	X20596	1.25
80-A	300 ohms	X20826	.25	885	150-650	X20597	.75
82	4920 (Resistors Nos. 2 and 3)	X20705	.95	885	5000-150-700	X20598	.75
82	438-286-1590-1700	X20708	.49	C-885	2900-5000	X20599	.95
83 D. C.	166-118	X20709	.95	<b>SPLITDORF</b>			
83 D. C.	16-16-16	X20710	.75	"Abbey"	12500	X20492	.29
41 (Receptor)	12300-8000-5000	X20560	.50	"Abbey"	10000	X20493	.40
41 (Sterling)	17400-8600	X20561	.50	"Abbey"	8000	X20495	.29
41 (Sterling)	4200-380-1420	X20562	.50	<b>STEINITE</b>			
44	2800-900-3600-1100	X20563	.95	22	1700-4000-8000	X20600	.85
44	500-0-1460-540-0-80	X20564	.50	26	8000-8000	X20601	.75
46, 47	2800-900-3600-1100	X20565	.95	40	3000-11740-4270-1190	X20602	.90
46, 47	1460-540-0-80	X20565	.60	50	8100-11750-5200-827	X20603	.90
44, 46 D. C.	195-165-110	X20712	.95	70, 80, 95	10000-10000-2440	X20604	.95
44, 46 D. C.	2250-1926-1190	X20713	.95	991	1000-1000-250-0-250	X20605	.70
44, 46 D. C.	16-16-16	X20710	.75	<b>STROMBERG</b>			
42 and 48	3200-830-120-715	X20639	.60	10, 11	4000-100-780	X20607	.70
60, 62	400-350-350-190 (Bias)	X20446	.20	10, 11	4760-3200-1900	X20608	.80
60, 62	2250 (Plate Resistor)	X20447	.20	12, 14	4000-4000-3025	X20609	.90
64	1280-4000-300-2200	X20566	1.10	12, 14	5000-100-1210-260	X20610	.80
64	1500-1000-250-130-160	X20567	.75	403-B	27-6	X20611	.70
64, 67	310-3850-310 (Bias)	X20568	.80	403-B	3000-2500	X20612	.70
66	375-90 (Bias)	X20513	.40	403-B	3000-70-700	X20613	.70
66	4800 ohms (Plate)	X20514	.70	635, 636	2500-3000-3000-770	X20614	.90
67	2400-960-240-115-215-100	X20569	.95	638	2500-8000-500	X20615	.90
67	1435-3400-300-2200	X20570	.75	846, 848	6000-3200	X20616	.70
104 Loudspeaker	4920 (Resistor No. 4)	X20705	.95	846, 848	4350-1700-330	X20617	.70
104 Loudspeaker	620-3380 (Resistors Nos. 2 and 3)	X20706	.95	846, 848	725 ohms	X20618	.40
104 Loudspeaker	2600-1400 (Resistor No. 1)	X20707	.95	403, 403-A	2500-3000-3000-70-770	X20649	.90
105 Loudspeaker	1325-65-140-1446 (No. 1)	X20571	1.25	641, 642, 652, 654	1450-4000-3000-1300	X20619	.85
105 Loudspeaker	1050-1300-1325 (No. 2)	X20572	1.25	641, 642, 652, 654	1780-3200	X20620	.75
105 Loudspeaker	4000 ohms (Nos. 3 and 4)	X20573	1.10	641, 642, 652, 654	170	X20621	.25
Duo-Rectron Amplifier	1050-6000-2950-3000	X20713	1.50	641, 642, 652, 654	7800-4500-3000-4000	X20622	.90
Uni-Rectron Amplifier	4920 (Resistor No. 2)	X20705	.95	Early 10, 11	4760-3200-5900-100-780	X20623	.90
Uni-Rectron Amplifier	650-100-275 (Resistor No. 1)	X20714	.75	Early 10, 11	4760-3200	X20624	.90
Uni-Rectron Amplifier	2450 (Resistor No. 3)	X20715	.75	Early 10, 11	5900-100-780	X20625	.70
<b>SILVER-MARSHALL</b>				Early 10, 11	1100-2000	X20626	.70
651	3800-4200-730-990	X20574	.90	Early 10, 11	3000-3000	X20627	.70
651	6200-1000	X20575	1.25	<b>TEMPLE</b>			
655	11350 ohms Divider	X20576	.95	D. C.	11-12	X20628	.60
659	10-300 ohms Divider	X20577	.95	7-60, 7-80	8000-1600-8000-4000	X20629	.75
660	6000-4000-1500	X20578	.80	8-60, 80-90	900-5200-750	X20630	.60
672, 669	3000-0-1250-1250	X20579	.70	<b>THORARSON</b>			
<b>SPARTAN</b>				R-171 Power Unit	2000-3000-3000-3000-2000	X20631	.75
AC-7, 62, 63	2200-70	X20580	.50	<b>VICTOR</b>			
110	20000-2000-7000	X20581	.90	7-11, 7-25, 7-26	1690-205-2140-3750-410	X20444	.75
110 DeLuxe	7000	X20582	.60	9-18, 9-54	1280-4000-300-2200	X20566	1.10
110 DeLuxe	900	X20583	.25	9-18, 9-54	1500-1000-250-130-160	X20567	1.00
Sparks Ensemble	3000	X20584	.65	9-18, 9-54	310-3850-310 (Bias)	X20568	.80
<b>SAMSON "PAM"</b>				R-32, RE-45, R-52, RE-75	2000-1350-200-775	X20632	.50
Fam Model 25	30000-800	X20585	.70	14, 15, 17	3200-830-120-715	X20639	.60
Fam Model 25	60000	X20586	.75	<b>WESTINGHOUSE ELECTRIC</b>			
				WR-4	3200-830-120-715	X20639	.60
				<b>ZENITH</b>			
				ZE-10, ZE-12, ZE-13, ZE-15,			
				ZE-16 Power Units	6000-7800-8000-2500	X20635	.75
				ZE-18 Power Unit	13000-11000-9500-1800	X20636	.90
				ZE-11 Power Unit	3200-1200-1200-1600	X20637	.90
				ZE-50, ZE-60, ZE-70 Series			
				Power Units	2800-2350-850	X20638	.90

## For Edison & Splitdorf Receivers



Can be used in many other sets and circuits. 50 watt rating.  
**X20492—12500 ohms 15¢**  
**Your Cost Each**  
**X20493—10000 ohms, 30 watt rating. 12¢**  
**Your Cost Each**

## "C" Bias Resistors



For use as a "C" bias or a Plate Resistor. 600 ohm enameled wire-wound resistor, 10 watt, 2" long.  
**E4992—Your Cost Each 10¢**  
 900 ohm Aerovox enameled wire-wound, 10 watt, 1" long.  
**E4993—Your Cost Each 10¢**

## Genuine RCA Radiola Voltage Dividers for Models 18 & 51



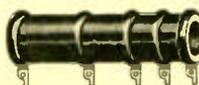
Wire wound Resistor Strip, tapped at 440, 1900, and 1600 ohms. RCA Part 2242.  
**X20445—Your Cost 20¢**

Plate Resistor for RCA 60 and 62  
 Part No. 5816. 2250 ohms.  
**X20447—Your Cost 20¢**

Bias Divider—Models 60 and 62  
 Part No. 5810. Tapped at 400, 350, 350 and 190.  
**X20446—Your Cost 20¢**

R. F. Bias Resistor For Model 66  
 Part No. 6026. 465 ohms, tapped at 90 ohms.  
**X20513—Your Cost 40¢**

## For Model 32 A. C.



Tapped at 438, 286, 1590, and 1700 ohms. RCA No. 2023.  
**X20708—Your Cost 49¢**

## For Model 30-A

RCA Part No. 2021, 6700 ohms, tapped at 3000, 2000, 300, 500 and 900 ohms.  
**X20559—Your Cost 59¢**

Refer to above listing for the complete line of Replacement Voltage Dividers. They are the genuine RCA factory parts.

## Replacement Voltage Dividers For Victor Models R-32, RE-45 R-52; RE-75



The genuine Victor Replacement Voltage Divider. Total resistance, 4325 ohms, tapped at 2000, 1350, 200, and 775 ohms.  
**X20632—Your Cost Each 65¢**

## Center-Tapped Resistor

Assembly for RCA 60, 62, 64

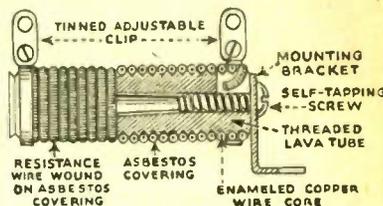


Combines two 20 ohm center-tapped resistances mounted on a metal bracket.  
 RCA No. 5815. **X20686—15¢**  
**Your Cost**

# ELECTRAD TRUVOLT RESISTORS

## TRUVOLT Adjustable Resistors

Now, beside the incorporation of a new 10 watt line, many new improvements and still greater advantages are to be gained through the use of this time-tested product. The adjustable clip has been redesigned to afford more effective resistance and unique end brackets are supplied with each B, C, and D type resistor. A new protective insulating sleeve is supplied with each resistor. There is now greater insulation (1000 volt insulation) to heat conducting copper core. Self-tapping screws are supplied to fit inside diameter of tube.



### TYPE A—10 WATTS

Stock No.	Resistance in Ohms	Current M. A.
G7150	1	3160
G7151	2	2200
G7153	3	1800
G7155	7.5	1160
G7156	10	1000
G7157	15	815
G7159	25	630
G7160	30	570
G7161	50	450
G7162	75	360
G7163	100	315
G7164	200	220
G7165	300	180
G7166	400	158
G7167	500	141
G7168	800	112
G716	1000	100
G7170	1250	89
G7171	1500	81
G7172	2000	70
G7173	2500	63
G7174	3000	56
G7175	4000	50
G7176	5000	45
G7177	7500	36
G7178	10000	31
G7179	15000	26
G7180	20000	20
G7181	25000	16

Your Cost Each 30c

Shpg. Wt. for 12 Units 13 oz.

### TYPE B—25 WATTS

Stock No.	Resistance in Ohms	Current in Milli-amperes	Your Cost \$0.49
G7212	100	500	.49
G7213	200	353	.49
G7215	300	289	.49
G7216	400	250	.49
G7217	500	224	.49
G7218	750	182	.49
G7219	800	177	.49
G7221	1000	158	.49
G7222	1250	141	.49
G7223	1500	129	.49
G7224	2000	112	.49
G7226	2500	100	.49
G7227	3000	91	.49
G7228	3500	84	.49
G7229	4000	79	.49
G7230	4500	75	.49
G7231	5000	71	.49
G7232	6000	64	.49
G7233	7000	60	.49
G7235	7500	58	.49
G7237	9000	53	.55
G7238	10000	50	.58
G7239	12000	45	.58
G7240	15000	41	.58
G7241	20000	35	.67
G7242	25000	32	.67
G7243	30000	29	.73
G7244	40000	25	.76
G7245	50000	22.5	.82

Weight 1 unit in carton, 1 oz.  
Weight 12 units in container, 13 ozs.  
Extra Sliders Each 5 cents.  
50 cents per doz.

### TYPE C—50 WATTS

Stock No.	Resistance in Ohms	Current in Milli-amperes	Your Cost \$0.79
G7246	100	700	.79
G7247	200	500	.79
G7248	300	406	.79
G7249	400	353	.79
G7250	500	316	.79
G7251	750	259	.79
G7253	1000	224	.79
G7255	1500	182	.79
G7256	2000	158	.79
G7258	2500	141	.79
G7259	3000	129	.79
G7260	3500	119	.79
G7261	4000	112	.79
G7262	4500	105	.79
G7263	5000	100	.79
G7264	6000	91	.87
G7265	7000	84	.87
G7267	7500	82	.87
G7269	9000	74	.87
G7270	10000	71	.96
G7271	12000	65	.96
G7272	15000	58	.96
G7273	20000	50	1.05
G7274	25000	45	1.08
G7275	30000	41	1.11
G7276	40000	35	1.14
G7277	50000	32	1.17
G7278	60000	29	1.23
G7279	80000	25	1.31
G7280	100000	22.5	1.47

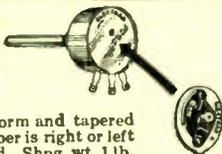
Shipping weight 1 unit, 8 ozs.  
Shipping weight 6 units, 1 lb.

### TYPE D—75 WATTS

Stock No.	Resistance in Ohms	Current in Milli-amperes	Your Cost \$0.94
G7281	100	865	.94
G7282	200	610	.94
G7283	300	500	.94
G7284	400	432	.94
G7285	500	387	.94
G7286	750	316	.94
G7288	1000	274	.94
G7289	1250	245	.94
G7290	1500	224	.94
G7291	2000	194	.94
G7293	2500	173	.94
G7294	3000	158	.94
G7296	4000	137	.94
G7298	5000	122	.94
G7299	6000	112	.96
G7300	7000	103	.96
G7302	7500	100	.99
G7303	8000	97	.99
G7304	9000	19	.99
G7305	10000	87	1.11
G7306	12000	79	1.11
G7307	15000	71	1.26
G7308	20000	61	1.26
G7309	25000	55	1.31
G7310	30000	50	1.31
G7311	40000	43	1.31
G7312	50000	39	1.46
G7313	60000	35	1.62
G7314	80000	31	1.62
G7315	100000	27	1.62

Shipping weight per unit, 8 ozs.

## ELECTRAD VOLUME CONTROLS

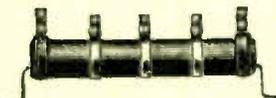


A standard series of controls, both uniform and tapered types. Chart below indicates whether taper is right or left handed. Switches are very easily attached. Shpg. wt. 1 lb.

Stock No.	Mfrs. No.	Taper Readings in Ohms			Finish
		Start Open-10	8	5	
G7905	RI-204	0	3/4	2.5	0
G8072	RI-269	0	Uniform	...	20
G8128	RI-270	0	Uniform	...	30
G8129	RI-271	0	Uniform	...	50
G8068	RI-272	0	Uniform	...	100
G7915	RI-273	0	Uniform	...	200
G7916	RI-274	0	Uniform	...	400
G7923	RI-282	0	Uniform	...	600
G7917	RI-275	0	Uniform	...	800
G7918	RI-276	0	Uniform	...	1,000
G7909	RI-232	0	Uniform	...	2,000
G7910	RI-233	0	Uniform	...	3,000
G7919	RI-277	0	Uniform	...	4,000
G7911	RI-234	0	Uniform	...	5,000
G7920	RI-278	0	1,200	2,500	5,000
G8083	RI-560	0	350	1,500	7,500
G7924	RI-283	0	Uniform	...	10,000
G7912	RI-240	0	20	2,000	9,000
G8091	RI-573	12,000	5,000	1,000	200
G7902	RI-201	0	100	2,000	10,000
G7921	RI-279	0	Uniform	...	25,000
G7922	RI-280	0	1,500	6,000	12,500
G7913	RI-241	0	800	2,000	15,000
G7906	RI-205	0	Uniform	...	50,000
G7903	RI-202	75,000	25,000	2,000	200
G7914	RI-242	0	6,000	25,000	50,000
G8125	RI-281	0	Uniform	...	200,000
G7908	RI-208	0	15,000	60,000	125,000
G7904	RI-203	0	2,000	20,000	200,000
G7907	RI-206	0	60,000	250,000	500,000

Any type Your Cost..... **59c**  
Switch only. Fits all above types Your Cost..... **29c**

## Trutest Universal Vitreous Enamel Voltage Dividers



Can be used in 90% of Receivers

This voltage divider is truly a universal unit. With a stock of these on hand the service man is in a position to repair ninety per cent of the receivers giving voltage divider trouble. One of the principal features of this divider is that no meters or testing equipment is necessary to install these units, as the resistance scale is divided into four equal sections on the resistor, and by means of the sliding contacts, you are able to adjust to the proper ohmage quickly and accurately. They can be used in any electric set, "B" eliminator, amplifier, etc. Wound with the finest kind of resistance wire on porcelain tubes coated with vitreous enamel except for a narrow strip along the side where the sliders make contact. Come complete with easily attached mounting brackets. Shpg. wt. 1 lb.

Equipped with 4 Variable Taps 50 watts—3/4"x4" long.		Equipped with 5 Variable Taps 75 watts—3/4"x6" long.	
X20728	13000 ohms 1.07	X20732	25000 ohms 1.19
X20729	15000 ohms 1.07	X20733	36000 ohms 1.25
X20730	18000 ohms 1.07	X20734	41000 ohms 1.25
X20731	25000 ohms 1.07	X20735	45000 ohms 1.25

## Trutest Filament and C. T. Resistances



Wire wound filament resistances. Dependable construction; run true to rating. Resistance values of 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 15, 25, 30, 40, 50 and 60 ohms.  
D3997—List 15c Your Cost Each..... **10c**

Resistance values of 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000 and 1500 ohms.  
D3998—List 25c Your Cost Each..... **13c**  
Center Tap Resistances  
Same as above, but tapped at the electrical center. Available in 10, 20, 30, 40, 50, 60, 100 and 200 ohms.  
D3999—List 30c Your Cost Each..... **15c**

# Trutest Carbon Resistors

## Trutest

### Carbon Resistor Kit

**\$2.25**  
Net



R. M. A.  
Color Coded  
Resistors in  
Sturdy Metal  
Box with  
Hinged  
Cover

Free  
Color  
Code  
Chart

Twenty-five Certified Trutest R. M. A. color coded 1 watt resistors in a neat and durable finished metal case measuring  $4\frac{1}{2} \times 6\frac{1}{4} \times \frac{1}{4}$ " deep. The handiest arrangement ever devised for the serviceman. Over a thousand ranges possible by different combinations of these units. Kit contains one each of the following high grade resistors:

Ohms	Ohms	Ohms	Ohms	Ohms
200	1000	10000	30000	100000
400	2000	125000	40000	250000
500	3000	15000	50000	500000
700	4000	20000	60000	1 Meg.
800	6000	25000	75000	2 Meg.

E4432—Shipping weight  $1\frac{1}{4}$  lbs. **\$2.25**  
Your Cost per Kit

Forty-eight Certified Trutest R. M. A. color coded resistors of the most popular sizes in a substantial metal case. Size  $10\frac{1}{2} \times 4\frac{1}{4} \times 4\frac{1}{4}$ " deep. Contains one each of the following high grade resistors:

Ohms	Ohms	Ohms	Ohms
1- 200	1- 3000	1- 20000	1- 125000
2- 400	2- 4000	2- 25000	1- 250000
2- 500	2- 5000	1- 30000	2- 500000
1- 600	1- 6000	1- 40000	1- 750000
1- 800	1- 8000	2- 50000	2- 1 Meg.
2- 1000	2- 10000	1- 60000	1- $1\frac{1}{2}$ Meg.
1- 1500	1- 12500	1- 75000	2- 2 Meg.
2- 2000	1- 17500	3- 100000	1- 3 Meg.
1- 2500	1- 15000		

E4433—Shipping weight  $2\frac{1}{2}$  lbs. **\$4.15**  
Your Cost per Kit

## FREE!

We furnish Free with each purchase of three or more Trutest Resistors a serviceable Pocket Size Chart for instantly determining the resistance value of any R. M. A. Coded Resistor regardless of make.



### GENERAL REPLACEMENT RESISTORS

**Finest ceramic material plus a carefully compounded paste, forced through dies at tremendous pressure; then baked in a furnace at more than 2,500° F. That is why TRUTEST resistors are best!**

**TRUTEST 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 forced under tons of pressure through double dies in conjunction with a paste-like ceramic. This is baked for hours in huge ovens, and then fired at over 2500° F. After this procedure, no ordinary service or overload temperatures can damage the resistor.

Resistance Ohms	1/2-Watt Stock No.	1-Watt Stock No.	2-Watt Stock No.	Resistance Ohms	1/2-Watt Stock No.	1-Watt Stock No.	2-Watt Stock No.
200	E4250	E4300	E4450	20000	E4273	E4323	E4473
300	E4245	E4348	—	25000	E4274	E4324	E4474
400	E4251	E4301	E4451	30000	E4275	E4325	E4475
500	E4252	E4302	E4452	40000	E4276	E4326	E4476
600	E4253	E4303	E4453	50000	E4277	E4327	E4477
700	E4254	E4304	E4454	60000	E4278	E4328	E4478
800	E4255	E4305	E4455	70000	E4279	E4329	E4479
1000	E4256	E4306	E4456	75000	E4280	E4330	E4480
1250	E4257	E4307	E4457	100000	E4281	E4331	E4481
1500	E4258	E4308	E4458	125000	E4282	E4332	E4482
2000	E4259	E4309	E4459	150000	E4283	E4333	E4483
2500	E4260	E4310	E4460	200000	E4284	E4334	E4484
3000	E4261	E4311	E4461	250000	E4285	E4335	E4485
3500	E4262	E4312	E4462	300000	E4286	E4336	E4486
4000	E4263	E4313	E4463	400000	E4287	E4337	E4487
5000	E4264	E4314	E4464	500000	E4287	E4337	E4487
6000	E4265	E4315	E4465	Megohms			
7000	E4266	E4316	E4466	1	E4288	E4338	—
7500	E4267	E4317	E4467	1.5	E4248	E4351	—
8000	E4268	E4318	E4468	2	E4289	E4339	—
				2.5	E4249	E4352	—
				3	E4290	E4340	—
				4	E4291	E4341	—
				5	E4292	E4342	—
9000	E4246	E4349	—	6	E4293	E4343	—
10000	E4269	E4319	E4469	7	E4294	E4344	—
12000	E4270	E4320	E4470	8	E4295	E4345	—
15000	E4271	E4321	E4471	9	E4296	E4346	—
17000	E4272	E4322	E4472	10	E4297	E4347	—

1/2-Watt, 1-Watt Your Cost Each	8¢	2-Watt Your Cost Each	12¢
Per Dozen	90¢	Per Dozen	\$1.35
Per Hundred	\$7.00	50 For	5.50

## Trutest OHM INDICATOR

Handy • • • Reliable

Saves Time Range Zero to 100,000 Ohms.

Eliminates Guesswork



Many so called nameless receivers have been sold for many years. The majority of them have never used color coded resistors and values for them cannot be found in any service manual. When one burns out it is mighty hard to replace it with the proper value. Servicemen can now determine quickly and accurately the resistance value of the defective resistor, without the use of elaborate measuring instruments. The Trutest Ohm Indicator is wire wound on a vitreous enameled Isolantite tube. It is calibrated from zero to 100,000 ohms. It is securely mounted on a base equipped with test clips and test prod. The test clips fasten on the ends of the defective resistor, while the test prod is run up the scale until the set plays best. Indicator may be mounted on the bench or carried in the kit. In addition to its use as a resistance indicator, this device may be adapted to very many uses. Some that suggest themselves are: Voltage Divider, Potentiometer, Meter Multiplier. Many other uses will probably suggest themselves. Do not confuse this indicator with much of the makeshift merchandise on the market. It is a high grade instrument and is built to stand hard usage. Shipping weight 2 lbs. **\$1.45**  
E4997—Your Cost



### Handy Resistance Strips With R.M.A. Color Coded Resistors

These strips are just the thing for shop or tool kit. They consist of a selection of TRUTEST R. M. A. Color Coded Resistors, neatly mounted on a durable strip, with hole at one end for hanging on a nail or hook. By replacing them from our regular Trutest stock as they are used, you are equipped with a complete range of resistances at all times. R. M. A. COLOR CODE CHART SENT WITH EACH STRIP.

**1/2 Watt Two Strips (20 Resistors)**  
 One each of the following resistances (20 in all), 200, 400, 500, 600, 700, 800, 1250, 1500, 2000, 2500, 3000, 3500, 4000, 5000, 6000, 7500, 8000, 10000, 12500 and 15000 ohms.  
**E4435 - Your Cost \$1.50**

One each of the following resistances (20 in all), 17500, 20000, 25000, 30000, 40000, 50000, 60000, 70000, 75000, 100000, 125000, 150000, 200000, 250000, 300000, 500000, 1 Meg. 1 1/2 Meg. 2 Meg. 2 1/2 Meg.  
**E4436 - Your Cost \$1.50**

**1-Watt Two Strips (20 Resistors)**  
 One each of the following resistances (20 in all), 200, 400, 500, 600, 800, 1000, 1500, 2000, 2500, 3000, 4000, 5000, 6000, 8000, 10000, 12500, 15000, 17500, 20000, 25000 ohms.  
**E4430 - Your Cost Each \$1.50**

One each of the following resistances (20 in all), 30000, 40000, 50000, 60000, 75000, 100000, 125000, 250000, 500000, 750000 ohms; 1, 1.5, 2, 3, 4, 5, 6, 7, 8 and 10 Meg.  
**E4431 - Your Cost Each \$1.50**

**2-Watt Two Strips (12 Resistors)**  
 One each of the following resistances (12 in all), 200, 500, 1000, 1500, 2000, 2500, 3000, 4000, 5000, 6000, 8000, 10000 ohms.  
**E4443 - Your Cost \$1.50**

One each of the following resistances (12 in all), 15000, 20000, 25000, 30000, 40000, 50000, 60000, 75000, 100000, 125000, 250000, 500000 ohms.  
**C4444 - Your Cost \$1.50**



### Precision Resistors Guaranteed Accuracy

#### 1% TYPE "D" 1/2-WATT

Maximum length 3/4". Maximum diameter 3/8". Length of leads, 3".

Leads No. 18 tinned copper wire.

#### TYPE "F" 1 WATT

Maximum length 3/4". Maximum diameter 3/8". Furnished with No. 18 tinned copper leads, 3" long.

The most NOISELESS, ACCURATE and DEPENDABLE unit on the market for the price. Especially recommended for Television Amplifiers, Voltmeters, Multipliers, Meter Shunts, Photo Cell Circuits, Sound Head Amplifiers, Taper "T" and "H" Pads, Attenuators, Decade Boxes and Bridge Assembly. GUARANTEED ACCURACY, 1%. Have hole to clear 6/32 screw.

#### TYPE "D" - 1/2-Watt

Res. Ohms	Stock No.	Your Cost
50	E4566	\$0.47
100	E4567	.47
200	E4568	.47
300	E4569	.47
400	E4570	.47
500	E4571	.47
600	E4572	.47
700	E4573	.47
800	E4574	.47
900	E4575	.47
1000	E4576	.47
2000	E4577	.54
3000	E4578	.54
4000	E4579	.54
5000	E4580	.57
8000	E4581	.61
10000	E4582	.61
20000	E4583	.65
30000	E4584	.65
40000	E4585	.65
50000	E4586	.73
60000	E4587	.73
70000	E4588	.73
80000	E4589	.81
90000	E4590	.81
100000	E4591	.81
150000	E4592	.96
250000	E4593	1.60
500000	E4594	1.60

#### TYPE "F" - 1-Watt

Res. Ohms	Stock No.	Your Cost
50	E4601	\$0.69
100	E4602	.52
200	E4603	.52
300	E4604	.52
400	E4605	.52
500	E4606	.52
600	E4607	.52
700	E4608	.52
800	E4609	.52
900	E4610	.52
1000	E4611	.52
2000	E4612	.60
3000	E4613	.60
4000	E4614	.60
5000	E4615	.69
8000	E4616	.69
10000	E4617	.78
20000	E4618	.78
30000	E4619	.78
40000	E4620	.91
50000	E4621	.91
60000	E4622	.91
70000	E4623	.91
80000	E4624	1.15
90000	E4625	1.15
100000	E4626	1.15
150000	E4627	1.15
250000	E4628	1.35
500000	E4629	1.56

## PRECISION Guaranteed Resistors

### Guaranteed Accuracy 1% Rating One Watt

We offer here a line of Precision Type Resistors made by Precision Resistor Co., and which we recommend unconditionally to our customers. They are wound with the very best grade of alloy wire, every spool of which is thoroughly checked for insulation breakdown, diameter and temperature coefficient before entering production. To our knowledge they are the ONLY RESISTORS MADE IN WHICH DOUBLE INSULATED WIRE IS USED.



Type "A"

Tolerance 1%. Maximum length 2 1/4", maximum diameter 3/8". Fitted with Standard Universal Cap which permits use either for fuse clip or grid leak mounting. The screw ends can be used for temporary circuits.

Stock No.	Res. Milli-Ohms	Stock No.	Res. Milli-Ohms
E4501	1 1000	E4507	8 353
E4501	2 707	E4508	9 333
E4502	3 577	E4509	10 316
E4503	4 500	E4510	15 290
E4504	5 488	E4511	20 236
E4505	6 407	E4512	25 200
E4506	7 377		

Your Cost Each	Resistance Ohms	Your Cost Each	Resistance Ohms
\$1.50	50	\$1.50	500
145	100	45	750
E4513	100	E4519	1000
E4514	150	E4520	1000
E4515	200	E4521	2000
E4516	300	E4522	2000
E4517	400	E4523	2500
E4518	500	E4524	3000

Your Cost Each	Resistance Ohms	Your Cost Each	Resistance Ohms
\$1.50	4000	\$1.50	10000
E4525	5000	E4529	12500
E4526	6000	E4530	15000
E4527	8000	E4531	20000
E4528	11	E4532	20000

Your Cost Each	Resistance Ohms	Your Cost Each	Resistance Ohms
\$1.50	25000	\$1.50	40000
E4533	30000	E4536	45000
E4534	35000	E4537	50000
E4535	6.3	E4538	6.3

Your Cost Each	Resistance Ohms	Your Cost Each	Resistance Ohms
\$1.50	60000	\$1.50	70000
E4539	75000	E4540	100000
E4541	80000	E4544	100000
E4542	90000	E4545	125000
E4543	90000	E4546	150000

Your Cost Each	Resistance Ohms	Your Cost Each	Resistance Ohms
\$1.50	175000	\$1.50	225000
E4547	200000	E4549	225000
E4548	200000	E4550	250000

Your Cost Each	Resistance Ohms	Your Cost Each	Resistance Ohms
\$1.50	300000	\$1.50	500000
E4551	400000	E4553	500000
E4552	400000		
E4554	750000		
E4555	1 Meg.		



### Guaranteed Accuracy 2%

Here is a line of resistors designed to meet the demand for a reasonably priced and compact high resistance unit recommended for use in MIDGET, AEROPLANE, AUTOMOBILE and other receivers where space and price plus quality are important. Terminals are of No. 18 tinned copper wire securely embedded in 3 coat Baked Insulating Enamel. We believe that these high grade resistors with their very narrow tolerance represents one of the most amazing values ever offered the Radio Man. Maximum dimensions: 5 watt 3/8" dia., 1 1/2" long; 10 watt 1/2" dia., 2" long. Specify size when ordering.

Resistance Ohms	5-Watt Stock No.	10-Watt Stock No.
25	E4650	E4725
50	E4651	E4726
75	E4652	E4727
100	E4653	E4728
150	E4654	E4729
200	E4655	E4730
250	E4656	E4731
300	E4657	E4732
350	E4658	E4733
400	E4659	E4734
500	E4660	E4735
650	E4661	E4736
700	E4662	E4737
750	E4663	E4738
800	E4664	E4739
1000	E4665	E4740
1100	E4666	E4741
1200	E4667	E4742
1250	E4668	E4743
1500	E4669	E4744
1750	E4670	E4745
1850	E4671	E4746
2000	E4672	E4747
2250	E4673	E4748
2400	E4674	E4749
2500	E4675	E4750
2750	E4676	E4751
3000	E4677	E4752
3250	E4678	E4753
3500	E4679	E4754
3750	E4680	E4755
4000	E4681	E4756

Resistance Ohms	5-Watt Stock No.	10-Watt Stock No.
4250	E4682	E4757
4500	E4683	E4758
4750	E4684	E4759
5000	E4685	E4760
5500	E4686	E4761
6000	E4687	E4762
6500	E4688	E4763
7000	E4689	E4764
7500	E4690	E4765
8000	E4691	E4766
9000	E4692	E4767
10000	E4693	E4768
12500	E4694	E4769
15000	E4695	E4770
17500	E4696	E4771
18500	E4697	E4772
20000	E4698	E4773

Resistance Ohms	5-Watt Stock No.	10-Watt Stock No.
35000	E4699	E4774
40000	E4700	E4775
45000	E4701	E4776
50000	E4702	E4777

Resistance Ohms	5-Watt Stock No.	10-Watt Stock No.
75000	E4703	E4778
100000	E4704	E4779

# Quality Counts in Little Things Too!

## BE SAFE BUY I R C Metallized RESISTORS

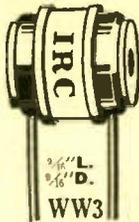
### Precision Wire Wound Resistors

I. R. C. Precision Wire Wound Resistors have been developed to meet the most exacting demands of accuracy. Especially adapted for use as meter multipliers and shunts to increase the range of single range voltmeters and milliammeters and for other equipment such as faders, gang controls, pads, etc.

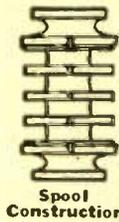
The winding form of these units as illustrated with WW3 resistor is made of non-hygroscopic (non-moisture absorbing) ceramic having high



2 1/4" L. x 9/16" D.



3/8" L. x 3/8" D.



Spool Construction

Precision wire wound type. Guaranteed accuracy 1%.

insulation qualities, high mechanical strength and low coefficient of expansion.

Because of the special sectional construction which permits the winding of adjacent sections in opposite directions a non-inductive winding of low distributed capacity, is made possible. The impedance characteristics of these units are practically uniform and independent of frequency up to 50,000 cycles.

### Power Wire Wound Resistors

These new Power Wire Wound Resistors are rugged, permanent, accurate and possess an added advantage of Positive Contact. This is due to a ring moulded around the ceramic material through which the nichrome wire passes, embedding itself into the metal. Select the value wanted from the following list, sizes and prices of various types given in column to right.

Ohms	Ohms	Ohms	Ohms
1	200	3000	20000
5	300	5000	25000
10	500	7500	30000
25	1000	10000	40000
50	2000	12500	50000
100	2500	15000	

**Type "PA"**  
**3 Watt Power Wire Wound (Max.)**  
 1/2" long by 1/4" diameter. Tolerance 5%. Range up to 5000 ohms (see list). List 45c. E5196—  
**Your Cost..... 27c**

**Type "PB"**  
**5 Watt Power Wire Wound (Max.)**  
 1 1/4" long by 3/8" diameter. Tolerance 5%. Range up to 15000 ohms (see list). List 45c. E5197—  
**Your Cost..... 27c**

**Type "PC"**  
**10 Watt Power Wire Wound (Max.)**  
 2" long by 3/8" diameter. Tolerance 5%. Range up to 30000 ohms (see list). List 65c. E5198—  
**Your Cost..... 39c**

**Type "PD"**  
**15 Watt Power Wire Wound (Max.)**  
 3" long by 1/2" diameter. Tolerance 5%. Range up to 50000 ohms (see list). List 85c. E5199—  
**Your Cost..... 50c**

Stock No.	Ohms	M. A.	List	Cost
E5150	1	1000	\$1.25	
E5151	2	707	1.25	
E5152	3	577	1.25	
E5153	4	500	1.25	
E5154	5	448	1.25	
E5155	6	407	1.25	
E5156	7	377	1.25	
E5157	8	353	1.25	
E5158	9	333	1.25	
E5159	10	316	1.25	
E5160	25	200	1.25	
E5161	50	141	1.25	
E5162	100	100	1.25	
E5163	150	81	1.25	.81
E5164	200	71	1.25	
E5165	500	44.6	1.25	
E5166	1000	31.6	1.25	
E5167	2500	20.0	1.25	
E5168	5000	14.1	1.25	
E5169	10000	10.0	1.35	
E5170	12500	8.7	1.35	.88
E5171	20000	7.05	1.50	
E5172	25000	6.32	1.50	
E5173	30000	5.75	1.50	
E5174	35000	5.35	1.50	.98
E5175	40000	5.00	1.50	
E5176	50000	4.47	1.50	
E5177	60000	4.08	1.75	
E5178	75000	3.64	1.75	1.14
E5179	100000	3.16	2.00	1.30
E5180	125000	2.82	2.25	1.46
E5181	150000	2.58	2.25	1.46
E5182	175000	2.46	2.50	1.63
E5183	200000	2.23	2.50	1.63
E5184	225000	2.11	2.75	1.79
E5185	250000	2.00	2.75	1.79
E5186	300000	1.83	3.00	1.95
E5187	400000	1.58	3.50	2.28
E5188	500000	1.41	4.00	2.60

**WW3**

Stock No.	Resistance Ohms	List Price	Your Cost
E5125	200	\$0.75	\$0.53
E5126	500	.75	
E5127	1,000	.80	.56
E5128	2,500	.80	
E5129	5,000	1.00	
E5130	7,500	1.00	
E5131	10,000	1.00	.70
E5132	12,500	1.00	
E5133	15,000	1.00	
E5134	20,000	1.15	.81
E5135	25,000	1.25	
E5136	30,000	1.25	.88
E5137	35,000	1.25	
E5138	40,000	1.25	
E5139	50,000	1.50	
E5140	60,000	1.50	1.05
E5141	75,000	1.50	
E5142	100,000	2.00	1.40

## Metallized Replacement Resistors

**1/2 Watt**  
**1 Watt**  
**2 Watt**

We stock I. R. C. metallized type F-1/2 (1/2 Watt), Type F-1 (1 Watt) and Type F-2 (2 Watt) in the following ohmages. Only the 1-watt resistors, however, are available in ohmages above 5 megohms. Select resistors wanted from this list, specify resistance value and quote stock number shown opposite each type below.

Ohms	Ohms	Ohms	Megohms
100	6000	50000	2
250	7000	75000	2 1/2
500	8000	100000	3
1000	9000	150000	3 1/2
1500	10000	200000	4
2000	12500	250000	5
2250	15000	300000	*6
2500	17500	400000	*7
3000	20000	Megohms	*8
3500	25000	1/2	*9
4000	30000	1	*10
5000	40000	1 1/2	

\* Available in 1-watt type only.

**E5250—Type MF-1/2 (1/2 Watt). Length 1". Pigtail Type. List 25c. **Your Cost..... 15c****

**E5251—Type F-1 (1 Watt). Length 1 1/4". Pigtail type. List 25c. **Your Cost Each..... 15c****

**E5252—Type F-2 (2 Watt). Length 1 1/4". Pigtail type. List 35c. **Your Cost Each..... 21c****

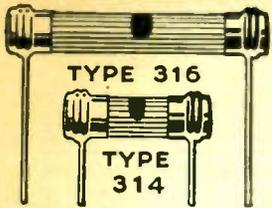
With I. R. C. Metallized Resistors you obtain a guarantee of quality, a guarantee of uniformity possible only from makers of standard merchandise.

**Free**

I. R. C. Resistor Replacement Guide sent FREE with an order for 10 or more I. R. C. Metallized Resistors. R. M. A. Color Code Chart FREE with each order for three or more I. R. C. Metallized Resistors.

# Centralab

## Resistors



Centralab Resistors cannot fail under any load that does not melt the Wire Leads from the Ends! They are much more durable than any ordinary resistor of similar size. They look like stone, and are as permanent. No other resistor is made like them. Carefully calibrated resistance material is forced under tons of pressure through

double dies in conjunction with a paste-like ceramic. This is baked for hours, and then fired at over 2,500° F. After such a baptism of fire, no ordinary service or overload temperatures can damage the resistor. No moisture can possibly penetrate, so age can not change the resistance value. Due to their particular method of construction they are guaranteed the **most noiseless Resistor made!** R. M. A. Color Coded. Wire leads 1½" long.

Free R. M. A. Standard Resistor Color Code with every 10 resistors. We Stock Centralab Resistors in the following Ohmages

Ohms	Ohms	Ohms	Ohms	Ohms	Ohms
200	2500	8000	20000	100000	500000
300	3000	9000	25000	150000	
500	3500	10000	30000	200000	
1000	4000	12000	40000	250000	
1500	5000	15000	50000	300000	
2000	6000	17000	75000	400000	

### 2 WATTS

Type 316. Size ¼x1¼". Any resistance listed. **\$5275—List 30c—Your Cost Each 15c**

### 1 WATT

Type 314. Size ¼x1". Any resistance listed. **\$5276—List 25c—Your Cost Each 12c**

### ½ WATT

Type 310. Size ¼x¾". Any resistance listed. **\$5298—List 20c—Your Cost Each 10c**

When ordering specify Stock No. and Resistance

## Wire Wound Candohm Resistors



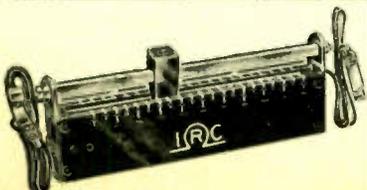
Manufacturers' Specifications Exact Replacements

Name and Model Part No.	Resistance	Stock No.	Your Cost
Belmont Radio Corporation R-264	290	E5300	\$1.32
Crosley Radio Corporation 20452B	320-225-2000-1750	E5301	1.03
20909	10000	E5315	.73
21955	3250-3250	E5302	.73
22574	3000-2150-1220-45	E5303	.88
22574A	1790-2150-1220-45	E5304	.88
28471	25000-8500	E5305	.59
28100	300	E5316	.44
Emerson Radio and Phonograph Corporation ER23	4000-3000-200-5500-8000-2000	E5306	1.03
HR38	310	E5307	1.17
Grigsby-Grunow Company 8986	36-730-500-140-2000	E5308	1.32
9239	7000-400-3000-300	E5309	1.03
10145	408-134-1800-360-9000-100000	E5310	1.03
International Radio Corporation R-303	310	E5311	1.17
R. C. A. Victor Co., Inc. 67822	315	E5312	1.17
Stewart Warner Corporation 81641	280	E5313	1.03
Zenith Radio Corporation 63-251	300-200-1845-60.5	E5314	1.03

### NEW

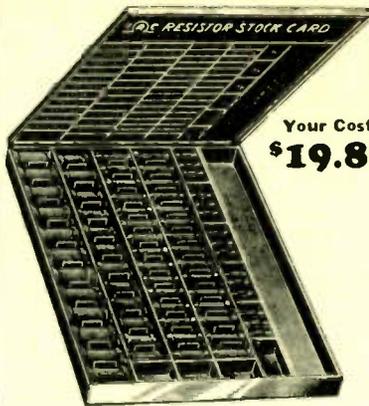


## DUAL RESISTOR INDICATOR



This is a compact flat type of indicator. It takes up a very small space. Two scales are used, low range and high range permitting accurate readings as low as 100 ohms and as high as 100,000 ohms. It is also possible to estimate fairly accurately below 100 ohms. Due to its excellent mechanical construction this indicator will have a very long life. Contact is made always at constant pressure by a sliding ball bearing contact. This contact is used for both scales and shifts readily by the flip of a knob which has an index line permitting accurate readings. Shipping weight 1 lb. **\$5295—List Price \$4.50 Your Cost \$2.70**

## The New I.R.C. Combination Kit No. 6



Your Cost **\$19.89**

This Kit consists of a set of 107 Resistors selected to fit the needs of any emergency. There are ½ watt resistors used in Midget Receivers on account of their size, and are those most needed for replacements. 1 watt resistors with formulas showing how thousands of values can be quickly made up. 2 watt resistors for higher wattage replacements. 5 watt resistors are the sizes that take the greatest load, and that burn out most frequently. These are the quietest type of resistor,

Value of Resistors in Kit **\$19.89**

Steel Cabinet..... **2.50**  
Resistor Guide Book..... **1.00**  
Color Code Chart..... **.25**  
Total Value..... **\$23.64**

Your Save **\$3.75**  
Special Kit Complete

**E5271—Your Cost \$19.89**

that gives excellent results in amplifiers of all types, and lastly the 10 watt resistors needed for general work, such as for replacing burned out sections of voltage dividers, and for biasing resistors for power tubes. The 5 and 10 watt power wire wound resistors are rugged and unbreakable, with wire protected by two cement coatings, are moisture-proof and have 5% accuracy. The following is a list of the resistors contained in the Kit. Shipping weight 14 lbs.

½-Watt 1 Each	1-Watt 1 Each	2-Watt 1 Each	5-Watt 1 Each	10-Watt 1 Each
50 ohms	500 ohms	100 ohms	50 ohms	100 ohms
100 "	750 "	500 "	100 "	500 "
250 "	1000 "	1000 "	200 "	1000 "
500 "	2500 "	1500 "	500 "	2000 "
1000 "	5000 "	2000 "	1000 "	3000 "
2000 "	7500 "	3000 "	1500 "	5000 "
5000 "	10000 "	5000 "	2000 "	7500 "
10000 "	15000 "	10000 "	3000 "	10000 "
20000 "	25000 "	15000 "	5000 "	15000 "
30000 "	30000 "	20000 "	10000 "	20000 "
50000 "	50000 "	25000 "	15000 "	30000 "
100000 "	100000 "	40000 "	12500 "	25000 "
½ meg.	¾ meg.	50000 "	15000 "	30000 "
1 "	2 "	100000 "		



**I.R.C. Metallized Resistor Kits**

### Certified Kit No. 1

The original I. R. C. Kit that proved so popular with Service Men. Contains twenty 1 watt Metallized Units ranging from 500 ohms to 3 megohms. The certified seal insures factory guarantee and factory-tested units. Shipping weight 2 lbs. **\$5272—List \$5.00 Your Cost \$3.00**

### Certified Kit No. 2

Contains an assortment of twenty type F-2. Two Watt Resistors. Made for Service Men requiring units of higher wattage. Values range from 500 ohms to ½ megohm. Factory sealed, factory tested and factory guaranteed. Shipping weight 3 lbs. **\$5273—List \$7.00 Your Cost \$4.20**

### Certified Kit No. 3

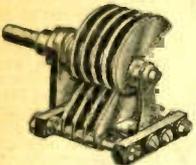
Midget receivers have brought into existence midget resistors. Kit consists of the most popular values used by radio set manufacturers. Kit contains 20 resistors from 50 ohms to 3 megohms. Shipping weight 3 lbs. **\$5268—List \$5.00 Your Cost \$3.00**

### New Handy Grid-Bias Kit

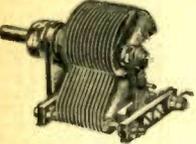
10 assorted resistors of F-1, F-2 and Power Wire Wound (5 watt) types required to bias the following tubes: 24, 26, 27, 71A, 10, 45, 50, 47, etc. Can also be used as grid-suppressors. Complete information on the proper biasing of radio tubes, together with wiring diagrams, with each kit. Shpg. wt. 2 lbs. **\$5274—List \$3.00 Your Cost \$1.80**



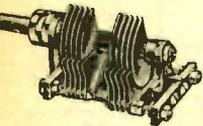
# NATIONAL MIDGET CONDENSERS



SEU



SEH



STD

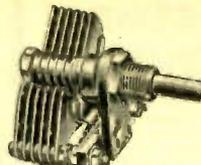
**No Shorted Turns.** A basic feature of all two-bearing National Midget Condensers is the insulated front bearings, resulting in no shorted turns.

**Exclusive Constant-Impedance Pigtail,** a patented National feature. One of the many advantages that make National Midgets such consistent and invariable performers. This electrically perfect connection to the rotor eliminates the noise crackle and varying impedance (A. C. inductance) of the brush type of contact.

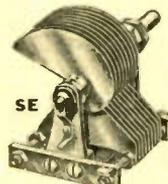
**Isolantite,** acknowledged high efficiency dielectric, is used for insulating National Midgets—reducing dielectric losses to a minimum.

**Aluminum plates;** thick, polished all over, with wide polished rounded edges, are used in the National SEU Ultra-High-Frequency Midgets. Non-resonant characteristics of aluminum plates prevent microphonic feed-back from plate vibration.

**National Condenser Designations**  
SE—270 degree rotation, SFL. ST—180 degree rotation, SLW. SS—180 degree rotation, SLC. H—High capacity—close spacing. U—Ultra short wave—extra wide spacing. HS—High capacity, single bearing. D—Dual type. N—Neutralizing Condenser.



STS



SE

Stock No.	National Type No.	Capacity in Mmf.	Air Gap	No. of Bearings	Plate Shape	Rotor Plates	Stator Plates	Depth behind Panel	Your Cost
N14280	SE- 50	50	.026	2	270°	6	5	2 1/4"	\$1.80
N14281	75	75	.026	2	S.F.L.	8	7	2 1/4"	1.95
N14282	100	100	.026	2		10	10	2 1/4"	2.10
N14283	150	150	.026	2		15	14	2 1/4"	2.25
N14284	SEH-200	200	.0175	2		14	13	2 1/4"	2.25
N14285	250	250	.0175	2		16	16	2 1/4"	2.40
N14287	335	335	.0175	2		22	21	2 1/4"	2.55
N14288	SEU- 15	15	.055	2		3	3	2 1/4"	1.50
N14290	25	25	.055	2		5	4	2 1/4"	1.65
N14291	ST- 50	50	.026	2	180°	6	5	2 1/4"	1.08
N14292	75	75	.026	2	S.L.W.	8	7	2 1/4"	1.20
N14293	100	100	.026	2		10	10	2 1/4"	1.35
N14294	150	150	.026	2		15	14	2 1/4"	1.50
N14295	STH-200	200	.0175	2		14	13	2 1/4"	1.65
N14296	250	250	.0175	2		16	16	2 1/4"	1.80
N14299	STN- 18	18-3000v.	.065	1		4	3	1 1/2"	.90
N14301	25	25	.0175	1		2	2	1 1/2"	.96
N14302	50	50	.0175	1		4	3	1 1/2"	.96
N14303	STD- 50	50 per sec.	.026	2	180° S.L.W.	6 per sec.	5 per sec.	2 1/4"	2.10
N14304	STHD-100	100 per sec.	.0175	2	180° S.L.W.	7 per sec.	7 per sec.	2 1/4"	2.70
N14305	SS- 50	50	.026	2	180°	5	4	2 1/4"	1.08
N14306	75	75	.026	2	S.L.C.	7	6	2 1/4"	1.20
N14307	100	100	.026	2		9	8	2 1/4"	1.35
N14308	150	150	.026	2		12	12	2 1/4"	1.50
N14309	SSH-200	200	.0175	2		11	10	2 1/4"	1.65
N14310	250	250	.0175	2		13	13	2 1/4"	1.80
N14311	300	300	.0175	2		16	15	2 1/4"	1.95
N14312	350	350	.0175	2		18	18	2 1/4"	2.10
N14313	SSN- 18	18-3000v.	.065	1		3	3	1 1/2"	1.20
N14314	SSS- 20	20	.0175	1		1	2	1 1/2"	.84
N14315	30	30	.0175	1		2	2	1 1/2"	.90
N14316	50	50	.0175	1		3	3	1 1/2"	.96
N14317	SSD- 50	50 per sec.	.026	2	180°	5 per sec.	4 per sec.	2 1/4"	2.10
N14318	SSHD-100	100 per sec.	.0175	2	180°	5 per sec.	5 per sec.	2 1/4"	2.70
N14319	150	150 per sec.	.0175	2	S.L.C.	8 per sec.	8 per sec.	2 1/4"	3.00

Shafts 1/8" dia. Standard rotation clockwise, counter-clockwise on special order. Special order above with shaft extending through rear bearing for ganging.

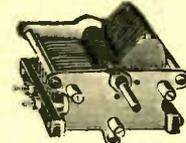
## CARDWELL Condensers Cardwell Dual Featherweight

This dual Condenser of 350 mm fds., each section is designed for light weight and compactness, and is used in Aircrafts, Portables Midgets, etc. Shpg. wt. 2 lbs. Type 407BS.



List \$5.50  
H8581—Your Cost.....**\$3.24**

### Midway Featherweight



Especially suited for aircraft equipment, portable sets. Receivers, transmitters and oscillator-amplifiers where weight and space are a factor. Very finely constructed—no welded rivets or eyelet heads to become slack. Aluminum is used throughout with the exception of bearings. A Real Condenser—not a midget. Shipping weight 2 lbs.

### Receiving Type

Have .031 air gap and are also suitable for low power transmitting sets using 210 tubes.

Stock No.	Your Type	Plates	Mmf.	Split Stator	Your Cost
H8563	\$1.24 401-B	3	26	H8545	\$1.94
H8564	1.30 402-B	5	50	H8546	2.23
H8565	1.35 403-B	7	70	H8547	2.35
H8566	1.41 404-B	11	105	H8548	2.47
H8567	1.47 405-B	15	150	H8549	2.59
H8568	1.62 406-B	25	260		
H8569	1.77 407-B	35	365		

### Transmitting Type

Have .07 air gap suitable for transmitters using up to 75 watt tubes. Rotor and Stator plates have edges well rounded and are highly polished.

Stock No.	Type	Plates	Max. Cap. Mmf.	Your Cost
H8550	408-B	5	22	\$1.80
H8551	409-B	7	36	1.92
H8552	410-B	11	50	2.20
H8553	411-B	15	70	2.50
H8554	412-B	21	100	2.92
H8555	413-B	31	150	3.77

### Taper Plate Condensers

A straight frequency tuning curve is secured by a regular variation of the thickness of the air dielectric with a pronounced gain in efficiency, compactness and mechanical strength. Shpg. wt. 4 lbs.

Stock No.	Type	Plates	Max. Mmfds.	List	Your Cost
H8573	191E	3	75	\$4.00	\$2.35
H8574	187E	5	150	4.00	2.35
H8575	188E	7	220	4.25	2.50
H8576	189E	11	350	4.75	2.79
H8577	192E	15	500	5.00	2.94

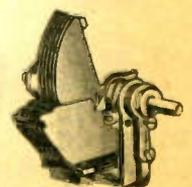
### Short Wave Condensers

Has two plates which may be variable spaced, affording a low capacity. Stator plate adjustable to afford maximum capacities from 50 to 10 mmfds. Constant minimum 7 mmfds. Shpg. wt. 2 lbs.

H8582—Type 201E. List \$4.00  
Your Cost.....**\$2.35**

## "Midline" Condensers

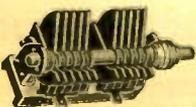
The improved "Midline" condenser utilizes the newly perfected "Parmica" low loss insulation. Special shaped brass plates, full floating rotor, removable shaft, ball and cone bearing, bronze pigtail, rib-reinforced aluminum alloy frame. Tested to 1000 volts A. C. Shaft 1/8". Two mounting holes in bottom. Shpg. wt. 1 lb.



Stock No.	Maximum Capacity	Code	List	Your Cost
H8500	.00025	ML-11	\$4.00	\$2.35
H8501	.00035	ML-17	4.25	2.50
H8502	.0005	ML-23	4.50	2.64

## Hammarlund

### Midget Condensers



Soldered non-corrosive plates, sturdy frame, fitted bearings. Positive and permanent capacities at all settings. New Parmica insulation.

Four point bronze wiping contacts, eliminates pigtail. Vibration-proof construction. Bushing lock for fixed frequency work. Panel and base mounting; especially suited for aircraft, marine, police-car and short-wave work. Individually tested on 500 volts A. C. Shpg. wt. 3 lbs.

Stock No.	Plates	Min. MMF.	Max. MMF.	List	Net
H8503*	3	3	20	\$1.50	\$0.88
H8504*	5	4	35	1.50	.83
H8505*	7	5	50	1.80	1.06
H8506*	11	6	80	2.00	1.18
H8507	11	6	80	2.00	1.18
H8508*	14	6	100	2.30	1.35
H8509	14	6	100	2.30	1.35
H8510	19	7	140	2.50	1.47
H8511	27	10	200	2.80	1.64
H8512	34	10	260	3.00	1.77
H8513	43	12	320	3.50	2.06

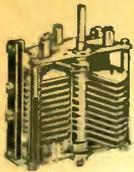
\* Semi Circular Plates; others Midline Plates.

### Dual Midget Condensers

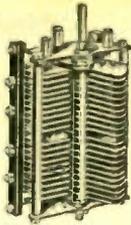
Stock No.	Capacity	List	Your Cost
H8519	—140 mmf. per section.	\$2.82	
H8520	—100 mmf. per section.	\$2.59	

# CARDWELL CARDWELL

## Transmitting Condensers



These condensers have made an enviable reputation for themselves over a period of years. Construction is exceptionally rugged, condensers having .084" air gaps and over have much heavier plates than have been used by anyone for this purpose. Plate edges are carefully rounded off and very highly polished. This type of construction will withstand about 60% more voltage before flashing over.



Extra heavy plates give a freedom from vibration which makes their use for tuning on wave lengths below 30 meters very advantageous. For medium power and amateur use. Cardwell condensers are used in many commercial and government transmitters, as well as amateur, and are known for their accuracy and reliability throughout the world. Shpg. wt. 5 lbs.

Stock No.	Type No.	Max. Cap. Mmlds.	Air Gap	List Prices	Number of Plates	Depth (Back of Panel)	Your Cost
H8600	*141B	250	.030"	\$ 3.00	11	2 1/2"	\$ 1.76
H8601	*123B	480	.030"	4.00	21	3"	2.35
H8602	*137B	960	.030"	5.00	41	4"	2.94
H8603	164B	220	.070"	4.00	21	4"	2.75
H8604	147B	440	.070"	7.00	43	5 1/2"	4.80
H8605	†T199	330	.084"	10.00	37	6 1/2"	6.85
H8606	†DT199	650	.084"	22.00	73	11 1/2"	15.00
H8607	†520B	242	.100"	10.00	83	6 1/2"	6.85
H8608	†521B	525	.100"	21.00	67	11 1/2"	14.40
H8609	*T183	110	.171"	9.00	23	6 1/2"	6.18
H8610	†DT183	228	.171"	18.00	45	11 1/2"	12.35

### Neutralizing Condensers

Stock No.	Type No.	Max. Cap. Mmlds.	Air Gap	List Prices	Number of Plates	Depth (Back of Panel)	Your Cost
H8611	†511B	23	.171"	\$ 3.00	5	3"	\$2.05
H8612	†513B	50	.171"	6.00	11	4"	4.10
H8613	†515B	56	.230"	10.00	15	5 1/2"	6.85
H8614	†416B	34	.171"	5.50	15	4 1/2"	3.75

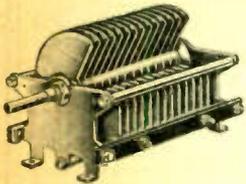
### Split Stator Condensers

Stock No.	Type No.	Max. Capacity, Mmlds.		Air Gap	List Prices	Number of Plates (Each Section)	Depth (Back of Panel)	Your Cost	
		Sections in Mult.	Per Section						
H8615	*156B	1000	250	500	.030"	\$6.00	21	4"	\$3.53
H8616	197B	160	40	80	.070"	5.00	9	4"	3.43
H8617	157B	420	100	210	.070"	8.00	21	5 1/2"	5.50
H8618	†512B	100	25	50	.171"	10.00	11	6 1/2"	6.85

\*Standard receiving condenser spacing—suitable for low powered transmitting.

†Rotor and stator plates have rounded edges and are highly polished overall.

### Cardwell Condenser Design 16B



This model is primarily intended to meet requirements where condensers for moderately high voltages are needed. It is possible to furnish in this type of design greater air gaps and higher capacities in relation to air gaps than is possible with the design used in the smaller types, and still retain adequate structural strength and a proper balance between the various elements.

Stock No.	Type No.	Capacity Mmlds.	Air Gap	Number Plates	Your Cost
H8590	3279	315	.168"	31	\$21.95
H8591	3280	147	.168"	15	15.75
H8592	3281	84	.168"	9	12.74
H8593	3276	160	.294"	25	20.58
H8594	3277	80	.294"	13	15.10
H8595	3278	47	.294"	7	12.74

(May be furnished with Split Stator if desired. Add \$1.76 to above prices.)

### KURZ-KASCH Radio Knobs



127

A special selection of fine Bakelite Radio Knobs, that will enhance the appearance of your radio, or control panel. Furnished with 1/4" hole, and set screw. Shipping weight per dozen knobs 1 lb.



242

No. 127—1 1/4". Ornamental top.  
H9889—  
Your Cost Each ..... 9c  
12 For ..... 90c  
No. 242—1 1/4". Ornamental top.  
H9890—  
Your Cost Each ..... 9c  
12 For ..... 90c



17

No. 17—1 1/8". Arrow.  
H9885—  
Your Cost Each ..... 6c  
12 For ..... 65c

No. 18—Same as above, but 1 1/2".

H9886  
Your Cost Each ..... 10c

12 For ..... \$1.00

No. 132—1 1/4". Octagon-Pyramid.

H9887  
Your Cost Each ..... 10c

12 For ..... \$1.00

No. 137—1 1/8". Octagon Flat Top.

H9888  
Your Cost Each ..... 10c

12 For ..... \$1.00

No. 98—1 1/8". 2-Tone with skirt.

H9891  
Your Cost Each ..... 10c

In Lots of 12

No. 101—Same as above, but 1".

H9892  
Your Cost Each ..... 9c



132



137



98

### Radio Knobs

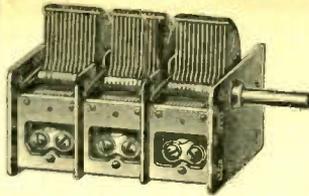


Beautifully turned and carved walnut knobs in two sizes. Far superior in design and workmanship to any we have ever offered. Brass inserts assure perfect alignment and are securely cemented into knob. Have steel set screws for mounting on 1/4" shafts.

H9860—A Large: 1 1/4" Your Cost 10c  
H9861—B Large: 1 1/4" Your Cost 10c  
12 For ..... \$1.00

H9864—A Small: 1 1/8" Your Cost 9c  
H9865—B Small: 1 1/8" Your Cost 9c  
12 For ..... 90c

### Trutest Variable Compact Short Wave and Broadcast Condensers



These Trutest Tuning Condensers are of the very latest design. Greater variety of capacities, and smaller physical sizes. Fully shielded between sections. Rigid construction. Positive electrical contacts. Trimmers are rigid and retain their settings after adjustments. Ball bearings, self-aligning and smooth in action. Heavy aluminum

plates. Shaft and frame of steel, cadmium plated. All single section 1/2"; all multiple 3/8" dia. shafts. Bakelite insulation. Mounting holes, spaced 1 1/8".

### Short Wave Compact Condensers

Stock No.	Cap.	Gangs.	Size, Inches	Shpg. Wt.	Net
H9715	.0001	1	1 1/8"x3 1/2"x1 3/8"	1 lb.	\$0.75
H9716	.00015	1	1 1/8"x3 1/2"x1 3/8"	1 lb.	.79
H9717	.00025	1	1 1/8"x3 1/2"x1 3/8"	1 lb.	.79
H9718	.0001	2	1 1/8"x3 1/2"x2 1/8"	2 lb.	1.25
H9719	.00015	2	1 1/8"x3 1/2"x2 1/8"	2 lb.	1.25

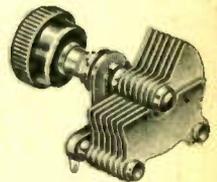
### Broadcast Compact Condensers

Stock No.	Cap.	Gangs.	Size, Inches	Shpg. Wt.	Net
H9720	.000365	1	1 1/8"x3 1/2"x1 3/8"	1 lb.	\$0.75
H9721	.000365	2	1 1/8"x3 1/2"x2 1/8"	2 lb.	1.12
H9722	.000365	3	1 1/8"x3 1/2"x3 1/8"	2 lb.	1.70

H9723—Bushing for conversion to 3/8" shaft. .... 15c

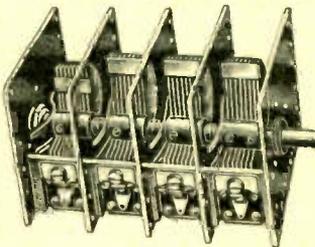
### Trutest Midget Condensers

A popular midget tuning condenser for set builders and experimenters. For short wave tuning, regeneration controls, antenna coupling, verniers, etc. Light in weight, strong and compact in construction, smooth as velvet in operation. Low minimum capacity, low loss, natural bakelite insulation, non-corrosive aluminum plates. Easy single hole mounting. 1/4" shaft. Individually packed with bakelite knob.



No. Stock	Min. Cap.	Max. Cap.	List	Your Cost
H9724	3	15	\$0.85	\$0.43
H9728	4	30	.90	.45
H9729	5	40	1.00	.48
H9731	6	80	1.10	.50
H9727	7	100	1.20	.54

### "Precision" Condensers for Super-hets and T.R.F.



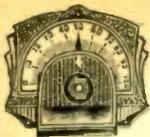
Contribute a marked improvement to the Super-heterodyne by eliminating the necessity for a so-called "padder" circuit. Units consist of one or more pre-selector condenser sections mounted on the same shaft with a tracking condenser for the oscillator. Heavy in construction, with ball-bearing shafts. Have mountings for trimmers on either side. Aluminum Plates slotted.

Stock No.	Gangs	Cap.	Shaft	Size, Inches	Shipping Weight	List Cost	Your Cost
H9700	2	.00036	3/8"	4 1/4"x3 1/2"x2 1/8"	2 1/2 lbs.	\$6.00	\$1.35
H9701	3	.00036	3/8"	4 1/4"x3 1/2"x4 1/4"	3 lbs.	8.25	1.95
H9702	4	.00036	3/8"	4 1/4"x3 1/2"x5 1/2"	5 lbs.	11.00	2.50

### Precision Condensers for T.R.F. Circuits

Same construction as above Condensers except that all sections are identical in capacity curve; the correct type for T. R. F. sets.

Stock No.	Gangs	Cap.	Shaft	Size, Inches	Shipping Weight	List Cost	Your Cost
H9703	2	.00036	3/8"	4 1/4"x3 1/2"x2 1/8"	2 1/2 lbs.	\$6.00	\$1.35
H9704	3	.00036	3/8"	4 1/4"x3 1/2"x4 1/4"	3 lbs.	8.25	1.95
H9705	4	.00036	3/8"	4 1/4"x3 1/2"x5 1/2"	5 lbs.	11.00	2.50



# DIALS



## Direct Drive Full-Vision Dial

Pointer attaches to condenser shaft. Size of escutcheon, 2 3/4" high, 3" wide; finished in bronze. Pointer and Escutcheon (no socket or bulb supplied). Shpg. wt. 1/2 lb. **H9878—Your Cost . . . . . 29¢**

## KURTZ-KASCH Bakelite Dials

Made of molded Bakelite. Requires only one hole for condenser shaft and two small holes to secure dial to panel for mounting. Dial ratio 8 to 1. No backlash. Fits 1/4" shaft. Shpg. wt. 1 lb.



Stock No.	Range	Size	Your Cost Each
H9803	200-0	4"	\$0.49
H9804	0-200	4"	.49
H9805	100-0-100	4 7/8"	.49
H9806	0-100-0	2 3/4"	.49

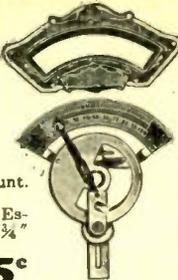
## Spot Light Full-Vision Midget Dial



Just the dial for that New Set. Spot Tuning. Full Vision, beautifully finished escutcheon. Angle Amber Celluloid Scale, reading 0-100. Wedge drive, no backlash or slipping. For 3/8" condenser shaft. Escutcheon finished in antique bronze. Size 3 3/4" high, 3" wide. Price includes dial, escutcheon, pilot socket. (No bulb). Shpg. wt., 2 lbs. **H9819—Your Cost . . . . . 69¢**

## Full-Vision Dial for Long and Short Wave Work

High ratio dial for short wave receivers 5 3/4" high, 3 3/4" wide. For 3/8" shaft. Knob shaft 1/4 x 1 1/2". Celluloid scale 0-100 clockwise. Easy to mount. Shpg. wt. 1 lb.



**H9815—Complete with Escutcheon plate 5 3/8 x 2 3/4" and pilot light socket. Your Cost . . . . . 95¢**  
**H9816—As above except with normal ratio for general broadcast work. Double friction drive. Your Cost Each . . . . . 75¢**

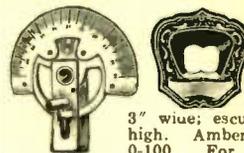
## New Improved Drum Dial



Extra heavy die cast white metal construction. Illuminated. Celluloid scale 0-100 counter-clockwise rotation. Size 5 1/2" high, 3 3/4" deep, 1 1/2" wide. Knob shaft 3/8 x 1 1/2". Escutcheon size 3 3/4 x 4". Shpg. wt. 2 lbs. **H9809—Dial only for 1/4" shaft. Each . . . . . 85¢**  
**H9810—Dial only for 3/8" shaft. Each . . . . . 85¢**  
**H9811—Escutcheon extra. Each . . . . . 17¢**  
**H6476—Insulated Pilot Light Socket extra. 8¢**

## Spot Light Full-Vision Dial

Spot light travels with pointer. For 3/8" shaft. Size 4 1/2" wide, 3 3/8" high. Amber celluloid scale, 0-100 counter-clockwise. Price includes pilot light socket. Shpg. wt. 1 lb. **H9808—Dial and Escutcheon, less bulb. Your Cost Each . . . . . 69¢**

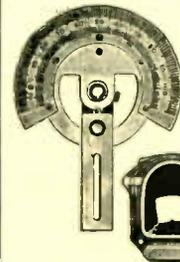


## Midget Dial

Especially suitable for very small sets. Scale is

3" wide; escutcheon 2 1/4 x 2 1/4" high. Amber celluloid scale 0-100. For 3/8" condenser shaft; knob shaft 1/4". Has pilot light socket, but no bulb. Shpg. wt. 1 lb. **H9807—Complete with Escutcheon. Your Cost . . . . . 59¢**

## Fan Type Dial



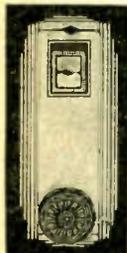
Outside diameter dial 4". For 3/8" shaft. Knob shaft 1/4 x 5/8" long. Celluloid scale. 0-100 counter-clockwise. Has pilot light socket. Escutcheon plate 2 3/4" high, 2 3/8" wide. Shpg. wt. 1 1/2 lbs.

**H 9813—Dial only. Each . . . . . 49¢**

**H 9814—Escutcheon Plate. Extra. Each . . . . . 12¢**

# NATIONAL DIALS

## Type G and H Dials



Scale is projected onto a ground glass screen on the dial opening by a brilliant illuminator. Figures greatly enlarged and easy to read from any angle. Rainbow types change color as dial is rotated. Beautiful burnished silver escutcheons. Shpg. wt. 3 lbs.

## Type G Disc Dial

For use when tuning condenser is at right angles to the front panel. Monocolor, standard green. **N14353—Counter-clockwise. 0-100 180°. List Price \$3.75**

**Your Cost . . . . . \$2.25**  
**N14354—Clockwise. 150-0, 270°. Your Cost . . . . . \$2.25**

## Type H Drum Dial

Employs the patented Drum Dial mechanism with its powerful non-conducting drive and spring take-up. Monocolor type, Green.

**N14355—Monocolor. Counter-clockwise. List \$5.00**

**Your Cost . . . . . \$3.00**

**N14356—Monocolor. Clockwise 100-0. List \$5.00**

**Your Cost . . . . . \$3.00**

**N14357—Rainbow. Counter-clockwise 0-100. List \$5.50**

**Your Cost . . . . . \$3.30**

**N14358—Rainbow. Clockwise 100-0. List \$5.50**

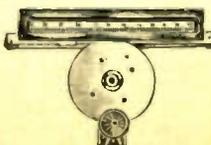
**Your Cost . . . . . \$3.30**

**N14359—Monocolor 270°. Clockwise 150-0. List \$5.00**

**Your Cost . . . . . \$3.00**

## Full-Vision Dial

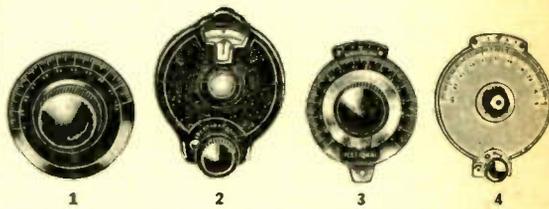
Used by many manufacturers of short wave receivers, this dial has been found to be one of the finest made for this purpose. Its long 7" scale provides ample separation between calibrations and assures readability over the entire scale. Pointer moves evenly across the scale and remains vertical at all times. Escutcheon is finished in antique bronze and is easily mounted with four small screws. Shpg. wt. 3 lbs.



**N14377—100-0; 180 clockwise. N14378—0-100; 180 counter clockwise. N14379—0-100; 270 counter clockwise. List \$4.00**

**Your Cost Each . . . . . \$2.40**

# VELVET VERNIER DIALS



## TYPE "A" (FIG. 1)

Velvet-Vernier Dial, no backlash. Ratio 5 to 1. Bakelite shell and knob. **N14373—3 3/8" diam. counter-clockwise; 0-100; 180°. N14375—4" clockwise; 200-0; 360°. N14376—4" clockwise; 150-0; 270°. Your Cost Each . . . . . \$1.65**

## TYPE "B" (FIG. 2)

Variable ratio of 6 to 1 and 20 to 1. Black bakelite shell. 4" diameter. Type B is without light or bracket. **N14367—Clockwise; 200-0; 360°. Type B. N14368—Dual, 0-100-0; 180°. Type B. Your Cost Each . . . . . \$1.65**

## DIAL ILLUMINATOR AND BRACKET

**N14352—List 50c**

**Your Cost . . . . . 30¢**

## TYPE "BM"—3 INCH DIAL

Similar to Type B. Diameter 3". Does not incorporate variable ratio feature. Not illuminated. **N14371—Dual range; 0-100-0. N14372—Clockwise; 200-0. List \$2.50**

**Your Cost Each . . . . . \$1.50**

## Precision Dials

### TYPE "N" (FIG. 3)

4" Precision Instrument Dial, equipped with original and unexcelled Velvet Vernier mechanism, assuring a smooth, positive and reliable drive. Reading possible to 1/10 of a division. Ratio 5 to 1. 1/4" hub.

Stock No.	Reading	Degrees
N14363	0-100	180
N14364	100-0	180
N14365	150-0	270
N14366	200-0	360

List \$6.75  
**Your Cost . . . . . \$4.05**  
**Either Type . . . . . \$4.05**

### TYPE "NW" (FIG. 4)

6" Precision Instrument Dial, equipped with standard Velvet Vernier mechanism, assures a firm and positive drive. It is capable of extreme precision. Flush Vernier eliminating parallax. Reads to 1/10 division and may be estimated to 1/20 division. Equipped with a 3-point variable ratio. Mounting exceedingly easy. Standard size hub, 3/8".

N14360	100-0; 180°.
N14361	150-0; 270°.
N14362	200-0; 360°.

**Your Cost . . . . . \$9.00**  
**Either Type . . . . . \$9.00**

# Short Wave Coils—Shields—Drive Cables

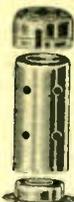
## Trustest Tube and Coil Shields

### Special Tube Shields



This Shield will give that custom-built appearance to your set. Made of heavy metal with a heavy copper-plated finish. Made in three pieces: top, base and barrel. Perforated for adequate ventilation. Shields of this type are found only on better grade receivers. Size 5" high, 2 1/4" diameter. Shpg. wt. 1 lb.  
**M13261—Per Dozen \$1.00**  
**Your Cost Each..... 9¢**

An especially attractive three-piece shield made of heavy gauge LaSalle metal that will not vibrate. Fits all small "ST" type tubes. Perforated for ventilation. Mounting centers 1 1/4" apart. The highly polished finish on this shield is very attractive.  
**M13255—Shpg. wt. 1 lb.**  
**Your Cost Each..... 12¢**



### "ST" Type Tube Shields



For 56, 57, 58, etc., type tubes. Made in three pieces: Cap, barrel and base. Both long (covering the whole tube) and short (leaving cap projecting) types. Barrel diameter 1 1/4". Sturdily made of hard drawn aluminum in natural bright finish. Shpg. wt. 1 lb.  
**M13265—Long Type 4 1/2" high.**  
**Your Cost Each..... 14¢**  
 Lots of 10 Each..... 12¢



**M13266—Short Type 3 1/2" high.**  
**Your Cost Each..... 10¢**  
 Lots of 10 Each..... 9¢

### "S" Type Tube Shields



Three slots on bottom of shields for direct wiring. Size 4 1/2" high, 2 1/4" in diameter. Removable base. Shipping weight 1 lb.  
**M13259—Per Dozen \$1.25**  
**Your Cost Each..... 12¢**

A two-piece tube shield. Second section has slot for screen grid wire. Size 5 1/2" high, 1 3/4" diameter. Comes complete with mounting studs attached to bottom section. Shipping weight 1 lb.  
**M13260—Per Dozen \$1.25**  
**Your Cost..... 12¢**

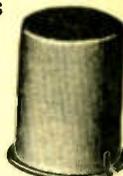


### Aluminum Coil Shields



One piece, rugged aluminum, die-drawn. Size 3 3/4" high, 2 1/4" diameter. Mounting flange, holes space, 2 1/4". Ideal for the midset set builder. Shipping weight 1 lb.  
**M13257—**  
**Your Cost Each..... 21¢**

Base is drilled for wire connections. Top shield fits on base by means of two set screws. Size 3 3/4" high, 3" diameter. Shpg. wt. 1 lb.  
**M13256—**  
**Your Cost Each..... 30¢**



### Dial Drive Cable

Best quality cable. Sixteen strands phosphor bronze wire braided to standard diameter, very strong.  
**H9881—Your Cost per Foot 2c \$1.50**  
 100 ft. Spool.....

### Drive Drum Linen Cord

This cord is made of the finest black linen braided. It has a breaking strength of 200 lbs. per ft. Shpg. wt. 1 lb.  
**H9882—100 ft. Spool..... \$4.45**  
**Your Cost..... 6c**

### HAMMARLUND Isolantite

#### S. W. Coil Forms



Isolantite material is known to science to be the finest for high frequency work. The form is equipped with a black enameled grip handle. Size 1 1/2" in diameter by 2 1/2" high, exclusive of knob and prongs.  
**H10056—4 Prong Form**  
**H10057—5 Prong Form**  
**H10058—6 Prong Form**  
**H10059—7 Prong Form**

Shipping weight 1 lb.  
**Your Cost Each..... 58¢**

## DRIVE CABLES, BANDS AND BELTS

### FOR STANDARD



The strongest dial cable obtainable. Ends, loops and eyelets are firmly soldered.

Make of Set	Model	Stock No.	Net
Atwater Kent	30	H9820	\$0.18
Atwater Kent	55	H9821	.18
Atwater Kent	35, 37	H9822	.20
Atwater Kent	44	H9823	.32
Atwater Kent	46	H9920	.20
Atwater Kent	60, 61	H9824	.32
Amrad	84	H9825	.18
Bosch	48A	H9826	.20
Bosch	58A	H9827	.20
Bosch	58, 60	H9828	.20
Bosch	28	H9829	.20
Balkett	All	H9830	.23
Bremer-Tulley	14, 21	H9831	.15
Brunswick	15, 22 Front	H9921	.32
Brunswick	15, 22 Rear	H9922	.32
Brunswick	14, 21	H9832	.15
Colonial	31, 32	H9833	.28
Colonial	33, 34, 35, 37	H9834	.40
Columbia	All	H9835	.40
Crosley	40s, 60s, 804	H9836	.25
Crosley	601, 622, 607	H9837	.25
Emerson	All	H9838	.32
Eveready	All	H9839	.20

### RADIO RECEIVERS

Model	Stock No.	Net
All	H9840	.32
NR60	H9841	.25
2	H9842	.32
All	H9923	.29
SK4	H9843	.32
6J	H9844	.24
43, 44	H9845	.40
All	H9846	.40
70, 71, 72	H9847	.14
70, 71, 72	H9848	.15
15B, Lazyboy	H9924	.32
52, 60	H9925	.16
All	H9849	.20
15	H9926	.16
71	H9927	.16
91	H9928	.16
111	H9929	.16
42	H9930	.32
16, 17, 18	H9851	.23
46, 64, 67	H9852	.21
16, 17, 18, 33	H9853	.13
All	H9854	.25
All	H9855	.25
All	H9856	.40

\* Heavy cord with beads on ends; springs.  
 † Linen cord.

## Trustest Short Wave and Broadcast Plug-in Coils and Coil Forms



Four coils, wave length range 15 to 200 meters, on .00014 condenser. Bakelite forms 1 1/4" diameter by 2 1/4" high. Four prong base with connections soldered to prongs.  
**H10040—Set of four. Your Cost..... \$1.35**

Two coils, like above, to cover broadcast range 200 to 550 meters on .00014 condenser.  
**H10041—Set of two. Your Cost..... 75¢**

Four coils, 6-prong base, similar to H10040 but having primary, secondary and tickler windings.  
**H10042—Set of four. Your Cost..... \$1.95**

Two coils similar to H10041 but having 6 prongs and 3 windings like above.  
**H10043—Set of two. Your Cost..... 95¢**

Coil forms only, similar to above but no winding.  
**H10060—4-Prong Your Cost Each..... 15¢**

**H10061—5-Prong Your Cost Each..... 16¢**

**H10062—6-Prong Your Cost Each..... 18¢**

Set of four 4-Prong Forms **Your Cost per Set..... 55¢**

Set of four 5-Prong Forms **Your Cost per Set..... 60¢**

Set of four 6-Prong Forms **Your Cost per Set..... 65¢**

### Radio Tube Shield Jacket

This shield represents a new departure in tube shielding. They can be used with regular tubes to replace spray shield tubes and will function here perfectly. Made in two types: ST12 to fit the dome type tubes, and S14 to fit the 24, 35, and 51 types. Shpg. wt. 1 lb.



**M13262—**  
**ST12 Type Your Cost..... 8¢**

**M13263—**  
**S14 Type Your Cost..... 8¢**

### I C A Short Wave and Broadcast Rib Plug-in Coils and Coil Forms



Enameled wire windings. Coils cover the following ranges: 16 to 28 meters, 27 to 45 meters, 43 to 80 meters and 75 to 200 meters. Complete with instructions and wiring diagram. Shpg. wt. 2 lbs.

**H10063—Set of four coils Your Cost..... \$1.50**

**H10064—Set of two broadcast band coils Your Cost..... 80¢**

Coil forms only, similar to above but not wound.  
**H10065—4-Prong Form Your Cost..... 20¢**

**H10066—5-Prong Form Your Cost..... 20¢**

**H10067—6-Prong Form Your Cost..... 22¢**

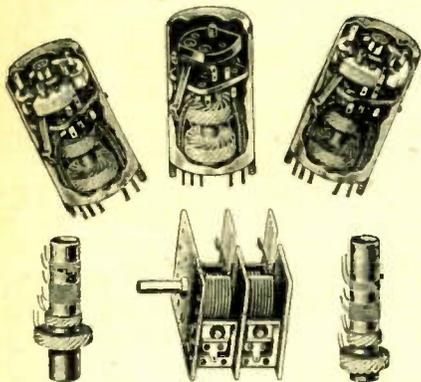
**H10068—7-Prong Form Your Cost..... 26¢**

# Trutest Super-Het Coil Kits

## DeLuxe All-Wave Superheterodyne—8 of the Latest Tubes

**Tunes—Short Wave—Broadcast—Long Wave  
—Complete Coil Kit—8 Tuned Circuits—  
15-550 Meters, 850-2000 Meters**

**Tubes Used: 2-58s, 1-55, 1-57, 1-56, 2-2A5s, 1-80 Rectifier**



The most up-to-date superheterodyne coil kit ever offered the radio set builder. It is complete in every detail. A compact kit of coils consisting of the following units: One special antenna, one special oscillator, two high-gain Litz wire wound, double tuned I. F. transformers, one high-gain Litz wire wound, single tuned C. T., I. F. transformer, one special trimming condenser and five special padding condensers. This set will be found to have sufficient selectivity over the entire range. This is due to the precision with which the coils are made, insuring tracking of the oscillator section once the circuits are aligned. Anyone with a fair knowledge of a radio circuit can easily construct this receiver by following the instructions and full size blue print diagram furnished free with each kit.

A custom-built receiver, second to none, can be constructed by using this coil kit, together with the other necessary parts that make up the entire set, which will be found listed elsewhere in this catalog. The latest type R. F. and A. F. pentodes are used to their fullest advantage. The first and second I. F. units are double tuned, Isolantite base, midjet in size, fully shielded in a round aluminum can, 2 1/4 x 1 1/2" diam. The 3rd I. F. unit is single tuned, C. T. for the duplex Diode-Trilode tube. All peaked at 456 K. C. The antenna and oscillator coils are of special construction on wooden spools, unshielded. Complete kit of all necessary coils, padding condensers, blue print diagram. Shpg. wt. 4 lbs. Less two-gang condenser.

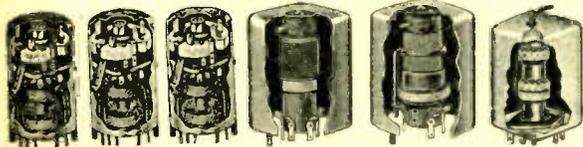
Same kit as H10032 except has Trutest two-gang variable Condenser. Shpg. wt. 7 lbs.  
H10033—Your Cost Special

**\$9.75**

Complete kit less two-gang Condenser. H10032—Your Cost

**\$8.75**

### 12 Tube Super-Het. Broadcast Deluxe Coil Kit—200-550 Meters Latest Type Tubes Used—2A3 P. P; Power Automatic Volume Control



One of the finest kits of coils for the construction of a 12-tube DeLuxe broadcast receiver that we have ever seen. Complete in every respect, custom-built throughout. Tremendous sensitivity and selectivity per stage, provides extreme pick-up. Combines the following coil units: One shielded pre-selector coil, one Litz wire wound R. F. transformer, one shielded oscillator; the three units are in 2" square aluminum cans, 3" high; three stages of Litz wire wound, double tuned intermediate frequency units, in round aluminum cans, 1 1/2 x 2 3/4" high. Utilizes the Trutest precision four-gang variable condenser, .00036 mfd., with special tracking section for oscillator. This kit when properly constructed according to the blue print diagram furnished, should more than compare with any factory or custom-built radio receiver on the market. All the parts necessary for the construction of the entire receiver can be selected from this catalog. Shpg. wt. 4 lbs. Complete kit of coils with diagram, less condenser.

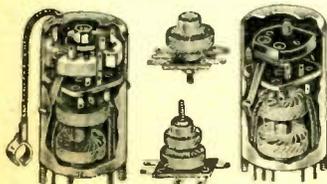
H10034—Your Cost

**\$5.25**

Complete kit as above, with Trutest precision four-gang condenser. Shpg. wt. 9 lbs.  
H10035—Your Cost

**\$7.75**

### 5 Tube Super-Het., A.C., D.C. Coil Kit



Utilizes the very latest type tubes, 6A7, 6D6, 75, 43, and 25Z5. The two intermediate frequency transformers are double tuned. Litz wire wound, isolantite base, peaked at 456 K. C. A special R. F. transformer and a special oscillator coil. Utilizes a two-gang variable condenser, .00036 mfd. with special tracking section for oscillator. A full size blue print diagram furnished free with each kit, showing the resistance values and capacities of condensers, etc. The two I. F. units are shielded in round aluminum cans, size 1 1/2 x 2 3/4" high, top tuning. By using this coil kit and other high quality parts, a radio receiver can be constructed that is right up-to-date. Complete kit of coils and diagram, less two-gang condenser. Shpg. wt. 3 lbs.

H10026—Your Cost, Special

**\$2.95**

Complete as above, with Trutest two-gang variable condenser. Shpg. wt. 6 lbs.

H10027—Your Cost, Special

**\$5.25**

### Two-Gang Variable Condenser I. F. Transformers Peaked at 456 K. C. Latest Type Tubes 6A7, 6D6, 75, 43, 25Z5 Tunes 170-550 Meters

A very compact kit of coils for the construction of a five tube A. C.-D. C. receiver. Utilizes the very latest type tubes, 6A7, 6D6, 75, 43, and 25Z5. The two intermediate frequency transformers are double tuned. Litz wire wound, isolantite base, peaked at 456 K. C. A special R. F. transformer and a special oscillator coil. Utilizes a two-gang variable condenser, .00036 mfd. with special tracking section for oscillator. A full size blue print diagram furnished free with each kit, showing the resistance values and capacities of condensers, etc. The two I. F. units are shielded in round aluminum cans, size 1 1/2 x 2 3/4" high, top tuning. By using this coil kit and other high quality parts, a radio receiver can be constructed that is right up-to-date. Complete kit of coils and diagram, less two-gang condenser. Shpg. wt. 3 lbs.

H10026—Your Cost, Special

**\$2.95**

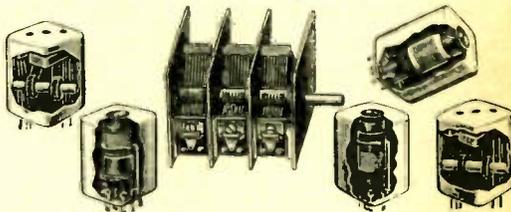
Complete as above, with Trutest two-gang variable condenser. Shpg. wt. 6 lbs.

H10027—Your Cost, Special

**\$5.25**

### 7 or 8 Tube Super-Het. Coil Kit with Precision Variable Condenser

1-56, 2-57s, 2-58s, 1 or 2-47s, 1-80 or 82



This is the finest kit of coils, together with the precision variable condenser, that you can possibly buy for the construction of a 7 or 8 tube superheterodyne receiver employing the latest type tubes. By using Trutest DeLuxe products for the power transformer and audio equipment, described in this catalog, a set having the finest tone quality of any receiver, either factory made or custom built, can be had. Anyone with a small knowledge of radio can easily hook-up this kit, within a few hours. Has 10 kilocycle tuning. Provides extreme pick-up. Has tremendous sensitivity and selectivity per stage. These identical coils are used in the finest, most up-to-date factory made receivers. Complete blue print diagram showing the necessary resistances, the color code of the different wires on the coils and where they are connected. The kit includes: One Litz wound antenna coil; one Litz wound R. F. coil; one Litz wound oscillator coil; two I. F. transformers peaked at 175 K. C. Has top tuning. All are fully shielded in square aluminum cans, 3" high, 2" square. Two 6/32 bolts for mounting. Complete kit of coils with 3 gang .00036 variable condenser, blue print diagram, for use with S. G. type tubes. Shipping weight 8 lbs.

H9991—Your Cost Per Kit

**\$7.75**

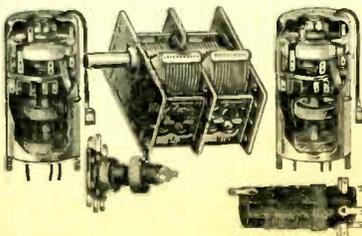
Same as above, except kit does not include variable condenser.

H9992—

Your Cost

**\$5.75**

### 4 Tube A. C. Superheterodyne Coil Kit Broadcast and Police Bands



175 to 550 Meters.  
456 K. C. Inter-  
mediates Uses 2A7,  
2B7, 2A5, 80

This is the latest thing in small set kits duplicating as it does the popular trend in small broadcast sets. Fine

sensitivity and selectivity. Each tube used has a high amplification factor. Large set performance with small size. Coils are tapped for extended wave range. Shipping weight 3 lbs.

H10013—Above kit less Trutest Special 2 gang condenser. Shpg. wt. 3 lbs.

Your Cost

**\$2.75**

H10014—Above kit with Trutest Special 2 gang condenser. Shpg. wt. 6 lbs.

Your Cost

**\$3.95**

WIRING DIAGRAMS ONLY FOR ANY OF THE ABOVE KITS. YOUR COST EACH 35c

# Truest Superhet and T.R.F. Coils and Chokes

## Truest Shielded R. F. Coils

Very sensitive. For use with all types S. G. tubes and .00035 condenser.

Antenna Coil; primary 14 turns No. 28 D. C. C., Secondary 130 turns No. 30 enam. R. F. Coil: primary 33 turns No. 31 D. C. C., secondary 130 turns No. 30 enam. Coil  $\frac{7}{8} \times 2$ " high, shield  $2\frac{1}{2} \times 2\frac{3}{4}$ " high. Sets of three have one Antenna Coil and two R. F. Coils; sets of four have one Antenna Coil and three R. F. Coils. Shipping weight 8 oz.

H10087—Set of 2 R. F. and 1 Ant. **85¢**

Your Cost

H10088—Set of 3 R. F. and 1 Ant. **95¢**

Your Cost

H10019—Ant. Coil only **35¢**

Your Cost Either Type



## Untuned Assembly



A combination of a self tuned bifilter transformer peaked at 550 K. C. and a plate choke coil which finds popular use as an additional Radio frequency stage in 4, 5, and 6 tube receivers both for home use and automobile receivers. Since no external tuning is required, the only additional expense involved is for the Assembly itself and extra tube. Size  $1\frac{1}{2}$ " high by  $1\frac{1}{2}$ " in diameter. Shipping weight 8 oz.

H10094—Your Cost **55¢**

## Long Wave R. F. Coil

A very recent development in coil winding for long wave transformers or any application requiring large inductance values. Banked four layers deep. Range 550 meters to 1200 meters with a .00035 mfd. condenser; up to 2000 meters with a .001 mfd. condenser. Size  $2\frac{3}{4} \times 1\frac{1}{4}$ ". Shipping weight 8 oz.

H10091—Your Cost **60¢**



## Shielded Pre-Selector Coil



A high-gain band-pass pre-selector unit, shielded in aluminum can, 2" square, 3" high. Genuine Litz wire wound on a special treated base. Extremely sensitive. Shpg. wt. 8 oz.

H10072—Your Cost **79¢**

## NATIONAL Air-Tuned Intermediate Transformers



The original National air-dielectric tuned intermediate frequency transformers have been completely redesigned so as to incorporate many new and exclusive features such as: Micrometer tuning. All adjustments to top of shield—double bearing precision condensers—self locking rotors—insolantite insulation—adjustable coupling—new type of Litz wound coils—450 to 550 K. C. tuning range (also 175 K. C.) non-resonant aluminum rotor and stator plates. Shpg. wt. 2 lbs. List \$5.00.

N14442—465 K. C. I. F.

N14443—465 K. C. Beat Oscillator.

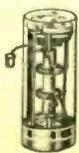
N14444—175 K. C. I. F.

N14445—175 K. C. Beat Oscillator.

Your Cost **\$3.00**

Any Type

## HAMMARLUND LITZ WIRE WOUND I. F. TRANSFORMERS



**Air Tuned**  
These air tuned I. F. transformers will retain their original settings to within 1/10 of 1% as compared with transformers using mica dielectric condensers that have a change of 2% or more in frequency. Designed for '57 and '58 type tubes but may also be used with 24's and 35's. Shield can is  $2\frac{1}{2} \times 5$ " high. Oscillator equipped with tuning lever to vary beat note. Shpg. wt. 1 lb.

H8542—465 K. C. I. F.

H8495—465 K. C. center tapped.

H8543—465 K. C. beat oscillator.

H8494—465 K. C. beat oscillator center tapped.

H8544—175 K. C. I. F.

H8493—175 K. C. center tapped.

Your Cost **\$2.65**

Any Type

**Mica Tuned**  
These coils are identical to those used in the Hammarlund Comet Receivers. The twin coils are of 10/41 Litz with a power factor of .01 or a Q of 100. Coupling is very slightly below optimum. Designed for use with 58 or 35 type tubes. Tuned by adjustable condensers with mica dielectric and insolantite base. Wax impregnation and sturdy construction provide excellent stability. The shield can is  $2\frac{1}{2} \times 4\frac{1}{2}$ " high. Base mounting.

H8538—Peaked at 115 K. C.

H8539—Peaked at 175 K. C.

List \$1.65

Your Cost **97¢**

H8540—Peaked at 465 K. C.

List \$1.65

Your Cost **97¢**

Any Type

## Truest Improved Midget Isolantite

### Double Tuned I. F. Transformers Litz Wire Wound



Especially designed for circuits requiring very high gain in the intermediate frequency systems. The very highest quality Litz wire used throughout. Unique feature of the double tuning at top makes it an ideal unit for all types of radio receivers. Two bronze springs hold entire unit in the shield. Can size  $1\frac{1}{2} \times 2\frac{3}{4}$ " high. Full length leads for direct wiring. Shpg. wt. 8 oz.

H10021—175 K. C. Your Cost **\$1.15**

H10022—465 K. C. Your Cost **\$1.15**

Same as above but has center tap on secondary for Wunderlich 55, 75, 6B7, 2B7, etc. Tubes.

H10023—175 K. C. Your Cost **\$1.25**

Same as above but for 465 K. C. **\$1.25**

H10024—Your Cost

## Truest Litz Wire Intermediate Frequency Transformers

### Peaked at 175 K. C.

Especially designed for circuits requiring very high gain in the intermediate frequency systems. High quality Litz wire wound. Has 2 in 1 insolantite base trimmer. Entire assembly is housed in a square aluminum can, 2" square, 3" high. Full length leads for direct wiring. Shipping weight 8 ozs.

H10075—For S.G. tubes. Your Cost Each **\$1.15**

Same as above, except center-tapped for Wunderlich or 55 tube. **\$1.25**

H10114—Your Cost Each **\$1.25**



### TRUTEST Short Wave Intermediate Frequency Transformer Peaked at 465 Kilocycles

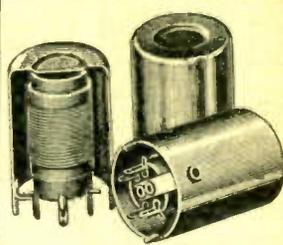
A special Short Wave Intermediate Frequency Transformer designed for peaking at 465 K. C. although adjustments from 430 to 470 K. C. can be made. Has the new 2 in 1 insolantite base trimmer which is very easy to adjust. Fully shielded in an aluminum can 2" square by 3" high. Top tuning. Shipping weight 8 oz.

H9709—Your Cost Each **\$1.45**

Same as above but with center tapped secondary for Wunderlich 55, 75, 2B7, etc., tubes. **\$1.50**

H9713—Your Cost

## Shielded T. R. F. Coil Kits Secondary Litz Wire Bank Wound



Litz wire coils  $\frac{1}{16}$ " dia., form  $2\frac{1}{2}$ " long. Mounted in shields  $1\frac{1}{2}$ " dia.,  $2\frac{1}{2}$ " long, provided with mounting lugs. Solder lug connections.

Most efficient T.R.F. coils ever designed. Exceptionally high gain (62.5 at 1500 K.C. and 42.5 at 550 K. C.). For .00036 Mid. Type Condensers. Blue print of circuit diagrams included.

### For 4 Tube Set

2 Coils; 1 Antenna—1 R. F. For 2-24; 1-47; 1-80 or 1-57; 1-58; 1-57; 1-80 tubes.

H10045—List Price \$1.75 **89¢**

Your Cost

### For 5 Tube Set

3 Coils; 1 Antenna—2 R. F. For 2-35; 1-24; 1-47; 1-80 or 2-58; 1-57; 1-47; 1-80 tubes.

H10047—List Price \$2.60 **\$1.34**

Your Cost

### For 6 Tube Set

4 Coils; 1 Antenna—3 R. F. For 3-35; 1-24; 1-47; 1-80 or 3-58; 1-57; 1-47; 1-80 tubes.

H10047—List Price \$3.25 **\$1.75**

Your Cost

### R. F. Coil

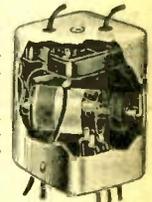
H10090—Your Cost **48¢**

### Antenna Coil

H10089—Your Cost **48¢**

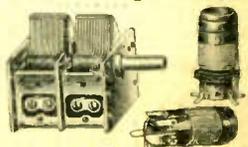
## Composite Oscillator Detector—I. F. 175 K. C.

High gain composite coil used as the first detector, oscillator and first I. F. transformer, eliminates the use of one tube with no loss in efficiency. Top tuning. Factory peaked at 175 K. C. No padding condenser necessary as it is made for the new special tracking oscillator section of variable condensers of .00036 mfd. Enclosed and fully shielded in a square aluminum can, 3" high, 2" square. Has two spade bolts for mounting. Shipping weight 3 lbs.



H9997—Your Cost Each **\$1.35**

## A. C.-D. C. Midget Coil Kit 4 Tube-2 Gang Condenser



Here is your chance to construct an A. C.-D. C. receiver employing the latest type tubes. Anyone can wire up the entire set within a few hours. The coils are Litz wire wound, size  $2\frac{1}{2} \times 3\frac{1}{4}$ ". Two gang variable condenser, with trimmers, self adjusting bearings that provide smooth, easy rotation. Plates are of heavy aluminum, shaft and frame of steel, cadmium plated. Bakelite insulation.  $\frac{3}{8}$ " shaft, size  $2\frac{1}{2} \times 3\frac{1}{4}$ "  $1\frac{1}{4}$ ". Shipping weight 4 lbs. Complete kit of two coils and 2 gang condenser. Explanatory blue print diagram furnished. **\$2.25**



# YAXLEY Switches and Accessories

## Yaxley Junior Jack Switches

These Junior Jack Switches are used for mounting in a small space. Switch lies parallel with panel. Has smooth self wiping positive action. Furnished complete with Black Knob; on-off plate. Mounts in  $\frac{1}{4}$ " panel hole, up to  $\frac{1}{4}$ " thick. Is  $\frac{1}{4}$ " deep.

### Two-Position Switches

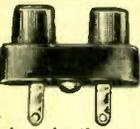
**F6471**—No. 730. Single pole, double throw. List 85c. **Net. 50c**  
**F6472**—No. 740. Double pole, single throw. List 95c. **Net. 56c**  
**F6473**—No. 745. Five Spring. List \$1.10. **Net. 65c**  
**F6474**—No. 760. Double pole, double throw. List \$1.25. **Net. 73c**  
**F6475**—No. 733. 3 pole, single throw. List \$1.25. **Net. 73c**  
**F6469**—No. 744. 4-pole, single throw. List \$1.60. **Net. 94c**

### Three-Position Switches

**F6440**—No. 732. Single pole, double throw, center off. List 85c. **Net. 50c**  
**F6441**—No. 762. Double pole, double throw, center off. List \$1.20. **Net. 70c**  
**F6442**—No. 763. 3-pole, double throw, center off. List \$1.55. **Net. 91c**  
**F6443**—No. 764. 4-pole, double throw, center off. List \$1.95. **Net. \$1.15**

### Shorting Type

#### Moulded Twin Tip Jacks



No. 432. The circuit is automatically closed when the tips are removed. Moulded bakelite with single hole mounting. Assemble completely insulated. M13035—List 25c  
**Your Cost 15c**



## Yaxley Insulated Tip Jack

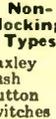
No. 422. Bakelite Cap. Red and Black for Positive and Negative. Phone tip nests all the way in jack. Mounts in  $\frac{1}{4}$ " hole. Shipping weight 2 oz.  
**F6467**—**Per Pair 15c**

## Yaxley Tip Jacks

No. 416. This is one of the most popular types used. Mounts in  $\frac{1}{4}$ " hole.  
**F6437**—List 15c.  
**Your Cost Each 9c**  
**Per Dozen 95c**



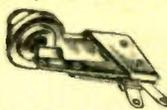
## Yaxley Push Button Switches



are available in a wide range of spring combinations. Furnished complete with black Bakelite knob. Mounts in single hole  $\frac{1}{4}$ " diameter, on panels up to  $\frac{1}{4}$ " thick.

**F6460**—No. 2001. Make contact. List 90c. **Your Cost Each 53c**  
**F6461**—No. 2002. Break contact. List 90c. **Your Cost Each 53c**  
**F6462**—No. 2003. Single Pole, double throw. List \$1.00. **Your Cost Each 59c**  
**F6457**—No. 2004. 2-pole, 2-ctct. List \$1.20. **Your Cost Each 59c**  
**F6464**—No. 2005. 2-pole, brk. 2-ctct. List \$1.20. **Your Cost Each 59c**  
**F6465**—No. 2006. 2-pole, double throw. List \$1.50. **Your Cost Each 88c**  
**F6463**—No. 2007. Mk-2, brk-1. List \$1.30. **Your Cost Each 76c**  
**F6468**—No. 2008. 2-pole, double throw. Make before break. List \$1.65. **Your Cost Each 97c**

## Yaxley Junior Jacks



Much smaller and requiring less mounting space than the long jack, they are used where space is at a premium. Extends only  $\frac{1}{4}$ " behind panel. Shipping weight 6 ozs.

**F6450**—No. 701. Open circuit. List 40c. **Net. 23c**  
**F6451**—No. 702. Circuit closing. List 55c. **Net. 32c**  
**F6449**—No. 702A. Two circuit. List 55c. **Net. 32c**  
**F6452**—No. 703. Sin. Cir. Fil. Control. List 65c. **Net. 38c**  
**F6453**—No. 704. Interstage. List 75c. **Net. 44c**  
**F6448**—No. 706. Interstage Fil. Control. List 95c. **Net. 56c**

## Bakelite Insulated Jacks

No. 407. These Jacks have attractively colored Bakelite caps; Red for Positive, Black for Negative. Tip nests all the way in the jack. These caps lessen danger of shorting. Mounts in  $\frac{1}{4}$ " hole up to  $\frac{1}{4}$ " panel thickness. One-Black; One-Red.

**F6445**—List per Pair 35c  
**Your Cost 21c**

## Yaxley Midget Jack Switches

No. 10. Midget Jack Switch requires less space on panel. Black Knob, Pointer and name plate.  $\frac{1}{4}$ " hole mount. Single pole, single throw.  
**F6446**—List 50c  
**Net. 29c**  
 No. 11. Single pole, double throw.  
**F6447**—List 65c  
**Net. 38c**



## Truest Pilot Light Bracket

Light Bracket has an attractive Jewel mounted so that pilot bulb illuminates it, when your set is on. A reminder to turn it off at night.



**F6436**—List 30c  
**Your Cost Each 18c**

## Pup Jack



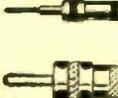
For speaker connections and battery leads. Mounts  $\frac{1}{4}$ " hole. Shipping weight 2 oz. **F6455**—Each 5c  
**Per Dozen 50c**

## Tip Jack

Tip Jack with positive single conductor contact, is used for test panels, instruments, battery leads, and in sets for aerial and ground, battery and speaker connections, etc. Hole  $\frac{1}{4}$ ". Easy and convenient to mount.  
**F6444**—List 30c  
**Your Cost Each 18c**



## Tip Plugs



For use with Tip Jacks. Used for test leads in meters, panels.

**F6438**—List 10c  
**Your Cost Each 5c**

Same construction as above, except has longer tip. To be used with Tip Jacks No. 16, 422.

**F6439**—List 15c each  
**Your Cost Each 7c**

## Hart & Hageman Momentary Break Switch



Where temporary contact is wanted.  
**M12829**—**Net. 15c**  
**Each 15c**

## EBY Rotary Switches



Three amps., 125 volts. New Style rotary.  $\frac{3}{4}$ " shaft. Mounting lugs.

**Single Pole, Single Throw**  
**M12825**—**Each 12c**  
**Per Dozen 1.25**

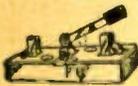
**Single Pole, Double Throw**  
**M12826**—**Each 15c**  
**Per Dozen 1.65**

## G. E. Rotary Switch with Knob



On and off switch. Rated 3 amps., 125 volts. Approved.  $\frac{3}{4}$ " shaft for standard knob.  
**M12827**—**Each 15c**  
**Per Dozen 1.60**

## Porcelain Base Knife Switches



For many radio and electrical uses, especially suitable for aerial and ground. Copper contacts and blades.

Stock No.	Poles	Throw	Net
R16820	1	S	\$0.10
R16821	1	D	.14
R16822	2	S	.18
R16823	2	D	.22
R16925	3	D	.52

## G. E. Mazda Pilot Bulbs



Tubular shape, miniature base. For use as radio dial lamps, etc. Shipping weight 8 oz. per box of 10.

Stock No.	Volts	Your Cost	Each	For 10
L12250	2.5	\$0.07	\$0.62	
L12251	3.2	.10	.83	
L12252	6	.07	.62	

## Victor-Mazda Pilot Lamp

Intermediary base, frosted 110 volt Pilot Lamps designed for use in Victor and Colonial Receivers. Shipping weight 8 oz. per box of 10.  
**L12253**—**Your Cost Each 17c**  
**Per Carton of 10 1.65**

## Miniature Bakelite Knife Switches



Nickel plated metal parts. Single pole types  $\frac{1}{2}$ " long, double pole  $\frac{2}{3}$ ".

Stock No.	Poles	Throw	Net
R16830	1	S	\$0.29
R16831	1	D	.37
R16832	2	S	.41
R16833	2	D	.47
R16834	3	S	.70
R16835	3	D	.72
R16836	4	S	.84
R16837	4	D	.90
R16838	5	S	1.05
R16839	5	D	1.20

# CUTLER-HAMMER Switches

## Toggle Switch



General purpose.  $\frac{1}{2}$ " shaft. 3 amps. at 125 volts. Approved by Underwriters.  
**M12836**—**Each 17c**  
**Per Dozen \$1.90**

## Long Shank Switch

Same as above except has long shaft; 1". Ideal for wood panels.  
**M12835**—**Each 19c**  
**Per Dozen \$2.10**



## Triple Throw Toggle



Single pole triple throw. Dead center position.  $\frac{1}{2}$ " shank.  
**M12831**—**Each 75c**  
**Per Dozen \$8.00**

## Single Pole Double Throw

Similar in appearance to the above, except single pole double throw. Center position off. Suitable for Radio-Phono switch.  $\frac{1}{2}$ " shaft.  
**M12832**—**Each 30c**  
**Per Dozen \$3.25**

## Single Pole Double Throw Switch



Three terminals, one common. One pole on each end. Ideal for Phono-Radio switch. Rated 3 amps. at 125 volts,  $\frac{1}{2}$ " shaft.  
**M12834**—**Each 20c**  
**Per Dozen \$2.20**

## D.P.D.T. Toggle

A suitable switch for meter panels. Shaft  $\frac{1}{4}$ " long. Not suitable for 110 Volt A. C.  
**M12833**—**Each 42c**  
**Per Dozen \$4.75**



## 2 Circuit Rotary

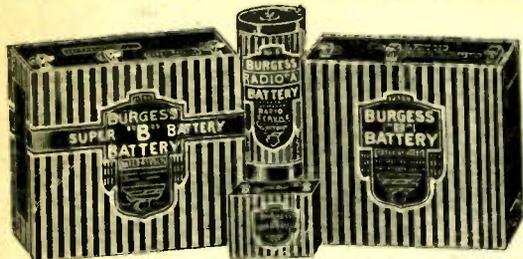


Two way, two circuit. Rated 3 amps., 125 volts. Shaft  $1\frac{1}{8}$ " long, for standard knob.  
**M12837**—**Each 19c**  
**Per Dozen \$2.00**  
**Off-On Switch**  
 Similar in appearance to the above except has only two terminals.  
**M12838**—**Each 14c**  
**Per Dozen \$1.50**

**We Will Not Knowingly Be Undersold**

# BURGESS

"A" "B" and "C" Batteries



Uniform quality insures equal current drain and low internal resistance. These batteries are exceptionally long lived.

Stock No.	Burgess No.	Volts	Size, Inches L. W. H.	Shpg. Unit Each	Pkg. List Price	Crtn. Lots, Each	Crtn. Lots, Each	Your Cost
<b>SUPER "B" BATTERIES</b>								
Y19850	21308	45	4 1/2 x 8 3/4 x 7 3/8	16	6 \$2.95	\$2.25	\$2.07	
Y19851	22308	45	3 1/4 x 7 1/8 x 7 1/8	10 1/2	6 1.95	1.49	1.37	
<b>Private Car Type</b>								
Y19855	2305	45	8 1/2 x 3 1/8 x 7 1/8	11	6 2.25	1.74	1.58	
<b>Police Radio Type</b>								
Y19857	21305	45	4 1/8 x 8 3/8 x 7 1/8	15 1/2	6 3.75	2.81	2.63	
<b>STANDARD "B" BATTERIES</b>								
Y19859	10308	45	4 1/8 x 8 3/8 x 7 1/8	14	6 2.60	2.00	1.82	
Y19860	2308	45	3 1/8 x 8 1/8 x 7 1/8	11	6 1.75	1.35	1.23	
Y19861	5308	45	2 1/2 x 4 1/8 x 5 7/8	11	5 2.00	1.54	1.40	
Y19862	5156	22 1/2	2 1/2 x 4 1/8 x 2 1/8	5	10 1.25	.97	.88	
Y19863	4156	22 1/2	2 3/8 x 4 1/8 x 2 1/8	2	10 1.25	.97	.88	
<b>STANDARD "C" BATTERIES</b>								
Y19866	5360	4 1/2	2 7/8 x 1 1/8 x 2 5/8	1	10 .40	.31	.28	
Y19867	2370	4 1/2	1 3/4 x 4 3/8 x 3	2	10 .40	.31	.28	
Y19868	5540	7 1/2	4 2 3/8 x 3 3/8 x 2 3/8	3 1/2	10 .75	.58	.53	
<b>SOUND PROJECTION BATTERY</b>								
Y19871	22328	45	3 1/4 x 7 3/8 x 7 1/8	10 1/2	4 2.50	1.95	1.75	
<b>RADIO "A" BATTERY</b>								
Y19875	6A	1 1/2	6 x 2 1/2	3	25 .50	.31	.28	
<b>AIRCRAFT RADIO BATTERY</b>								
Y19877	5966	135	9 7/8 x 2 3/8 x 7 1/8	9	1 7.25	5.10		
Y19878	2156	22 1/2	4 6 3/8 x 3	5	5 1.50	1.16	1.05	

## BURGESS 3-Volt "A" Battery Pack

A new type of "A" battery for 2-volt battery receivers. No charging. No filling with water. Absolutely dry. Made in three sizes, 290 hour, 520 hour and 650 hour. These are 3 volt batteries, the 520 hr. and 650 hr. types come complete with resistor to reduce voltage to 2 v., 290 hr. type requires external resistor.

Y19852—290 hr. for use where space is limited. 12 1/2 x 4 1/2 x 6 1/2". Shipping weight 18 lbs. **\$3.50**

Y19853—520 hr. standard size suitable for Philco, etc. 10 1/2 x 10 1/2 x 7 1/2". Shipping weight 42 lbs. **\$5.25**

Y19854—650 hr. Super Service type. More economical. 13 x 10 1/2 x 7 1/2". Shipping weight 53 lbs. **\$5.95**

Your Cost.....



## BEN HUR Dry Batteries

made by BURGESS and priced LOW!

A lower priced battery made by Burgess and built to the high standards that have always been kept by this manufacturer. Navy specifications, which are very strict, have been very closely adhered to, both as to quality of materials and life.

Y19730—Standard 45 v. B tapped at 22 1/2 volts. Shipping weight 11 lbs. **\$1.05**

Your Cost.....  
Y19731—Heavy Duty 45 v. B tapped at 22 1/2 volts. Shipping weight 15 lbs. **\$1.35**

Your Cost.....  
Y19732—4 1/2 v. C battery. Large size. Shipping weight 2 lbs. **24c**

Your Cost.....  
Y19733—No. 6 dry cell. Shipping weight 3 lbs. **22c**

## BOND Storage Batteries

One of the finest radio batteries made today. Rugged plates with well seasoned separators make for long life and quiet operation so essential for radio use. Cases are rubber molded and very heavy so as to stand plenty of abuse without cracking or leaking. Plates have been carefully pasted and correct grid design assures minimum active material loss. Guaranteed on a pro-rata basis. Listed below are sizes for every need.

Stock No.	Volts	A. H. Capacity	Plates	Shpg. Lbs.	Period of Guarantee	Your Cost
Y19720	2	100	11	22	24 Mos.	\$5.25
Y19721	6	95	13	50	18 Mos.	7.95
Y19722	6	85	13	39	6 Mos.	5.95
Y19723	6	118	15	55	24 Mos.	10.95



## EVEREADY Air Cell

To supply filament current to type '30, '31, '32, '33 and '34 two volt tubes. Guaranteed only when used with a receiver designed for it. If used with a built-up receiver, insert resistors to keep voltage down so that the maximum drain will not exceed .65 amperes, otherwise tubes and battery may be damaged. Up to 1000 hours' service with a 7-tube receiver when used 2 1/2 to 3 hours per day. Shipping weight 33 lbs.

Y19733—List Price \$8.50  
Your Cost Each.....



**\$5.95**



## Battery Clips

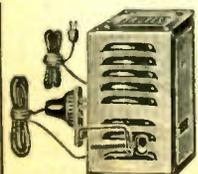
Heavy Spring

Q16062—No. 240A. 2" long.	5c
Each	
10 for	47c
Q16061—No. 480B. 2" long.	3c
Each	
10 for	28c
Q16060—No. 450, Pee-Wee. 1" long—Each	3c
10 for	28c
Q16063—No. 210A. 3" long.	9c
Each	
10 for	80c



## Burgess Microphone Batteries

Here is something the radio man has been awaiting. This unit is built solely for use with microphones employing external battery current. Cell delivers 1 1/2 volts. Very compact in size. Unit is only 4" high, 2 3/8" wide. Shipping weight 1 lb. **Y19869—Your Cost Each 24c**

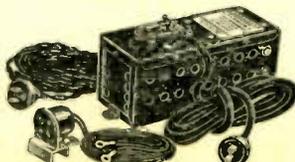


## Thrutest Automobile Battery Charger

This efficient and inexpensive charger will keep your battery up to its full capacity at all times. You cannot afford to be without one with the increased demand on your automobile battery due to the use of your auto radio and other necessities of present day cars. Attach the clamp-on receptacle to the dashboard of your car and attach the two leads from the receptacle to the ammeter and your charger is ready for use. When you drive into your garage at night simply plug your charger into the receptacle and it will give your battery the necessary boost to keep it up to its full capacity. Charging rate 3 amperes. Shipping weight 7 lbs.

N14200—**\$4.95**  
Your Cost.....

## MALLORY ELKON Automobile "A" Battery Charger



With present day development of the necessities used in an Auto, there is an increasing demand placed upon the Battery; a demand it is unable to meet unaided. The solution is—Use this Charger. No installation necessary—simply attach clamp-on receptacle to dash and attach wires to ammeter and ground. Size 7 3/4" long; 3 1/4" wide; 3 1/2" deep. Shipping weight 7 lbs.

P15698—List \$11.50  
Your Cost..... **\$6.75**

## NATIONAL Velvet "B" Eliminator

Operates 1 to 6-tube sets, including power tube. Provided with adjustable taps giving the following voltages: 22-45 for detector, 45-90 for r.f., 90-135 for Audio and full 180 volts at 35 M. A. for Power Tube (Non-adjustable.) Shipping weight 18 lbs. Silent, Hum-free output. Black crystalline case. **H14380—List \$16.50**  
Your Cost Less Tube..... **\$9.70**



## Hydrometer



Live red rubber bulb and nozzle; beaded float. Shipping weight 3 lbs. **P15694—Your Cost Each 29c**

# HEADPHONES

## BRANDES Phones



A scientifically made set of head phones designed for those demanding a superior article. They are full-size yet are unusually comfortable to wear. Shells are of polished aluminum. Resistance 2000 ohms. Adjustable. Web covered flexible steel head band. Complete with cord. Shipping weight 2 lbs.  
**N13925—Your Special Price Per Pair \$1.25**  
**N13936—Extra Caps Each.....22c**  
**N13937—Extra Diaphragms Each.....3c**  
**N13938—Extra Headband Each 30c**

## Lightweight Headphones



Weight 5 oz.  
 These phones are efficient, small in size; light in weight, and easily adjusted. The articulation is clear, and the

faintest sound can be readily distinguished. Shells of polished aluminum. Shpg. wt. 1 lb.  
**N13927—2000 ohms—99c**  
**List \$2.25—Your Cost**  
**N13928—4000 ohms—\$1.25**  
**List \$2.50—Your Cost**

## CANNON BALL Phones



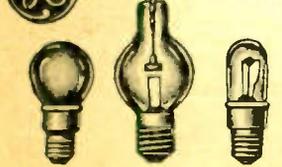
The biggest phone value we have ever offered! A high grade, extremely expensive pair of headphones at a price that defies competition. Aluminum shells. Adjustable web covered headbands. Molded hard rubber caps. Total resistance 2000 ohms. Complete with cords. Shipping weight 2 lbs.  
**N13930—Your Cost \$1.10**

## YAXLEY Double Phone Plugs



Will take 1 or 2 phones or speakers or a combination of both.  
**F2695—Your Cost Each 29c**

## Genuine Tungar Bulbs



Stock No.	Type	Net
Z21900	Trickle	\$2.95
Z21901	2 amp. new	2.95
Z21902	2 amp. old	2.95
Z21903	5 amp.	5.90
Z21904	6-12 amp.	5.90



## FROST DX Special Phones

**20,000 Ohms Impedance**  
 Designed by Frost, this product is the result of over thirty years experience in the manufacture of the highest grade telephone equipment. These phones fully meet the requirements of amateurs and DX fans. Are extremely sensitive to the faintest sound. Easily adjustable; can be worn for hours without the slightest discomfort. Wire is the finest grade, enameled, and machine wound on the magnet bobbins insuring accuracy. Magnets are of a special steel; diaphragms of finest gauge metal respond to the faintest impulse. Shells are of polished aluminum with black composition caps. Equipped with a five-foot flexible cord; very durable, insuring long wear. Has standard phone tips. Impedance of 20000 ohms make it a very handy phone for all-around testing.  
**N13931—Your Cost Per Pair \$2.75**

## FROST Phones

**2000 Ohms \$1.55 Pair**  
 Long a big favorite with the radio man because of their all-round high quality, lightness of weight, and ease of adjustment for perfect comfort. Carefully and scientifically made. Unexcelled for testing or for reception. Shipping weight 2 lbs.  
**N13932—2000 ohms \$1.55**  
**Your Cost Per Pair**  
**N13933—3000 ohms \$1.70**  
**Your Cost Per Pair**

## WESTERN ELECTRIC Headphones



Genuine W. E. headphones—one of the finest phones ever made. Very sensitive and compact. Brass shells nickel plated with hard rubber caps. Adjustable fully padded headband. Concealed terminals. 2000 ohms D. C. resistance. Black mercerized cord with pin tips. Shpg. wt. 2 lbs.  
**N13918—List \$12.00 \$3.95**  
**Your Cost**

## Double Phone Plug



This phone plug is molded of brown bakelite and the hardware is of brass nickel plated. It takes 2 cord tips which are held firmly in place with 2 screws. Individually packed.  
**F14884—Your Cost Each 25c**

## Tungar Type Bulbs

First quality, thoroughly reliable units for use in chargers, "A" eliminators, etc. Guaranteed new and perfect merchandise. Each bulb is individually tested before shipment and carefully packed. Shpg. wt. 1 lb.  
**Z21905—6/10 amp. bulb for Trickle Chargers. Your Cost Each \$1.70**  
**Z21906—2 amp. bulb with tip. Your Cost Each \$1.90**  
**Z21907—2 amp. bulb without tip. Your Cost Each \$1.90**  
**Z21908—5 amp. bulb. Your Cost Each \$4.75**



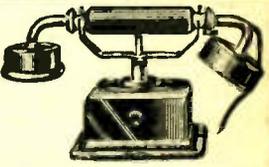
## CONNECTICUT Duplex DeLuxe Wall Phones

A great convenience and step saver for home or office. Very easily installed. Will operate efficiently up to 1000 feet. Signals are loud and clear. Two, three or four phones may be connected to a circuit using a code of rings for signaling different stations. Made of heavy gauge steel finished in attractive light green with nickel trim. Requires two No. 6 dry batteries at each phone or batteries may be located at a central point. Packed two in a box complete with 100 feet of wire, staples and complete instructions for installing. Shipping weight 6 lbs.  
**M13365—List \$7.50 per pair. \$5.50**  
**Your Cost**

## Duplex Junior Wall Phone

Similar to the de luxe model but with only a single bell. Finished in an attractive light brown. Will operate efficiently up to 1000 feet. Requires two No. 6 dry cells at each phone. Packed two in a box with 100 feet of wire and instructions. Shipping weight 5 lbs.  
**M13366—List \$5.00 per pair—Your Cost \$3.75**

## French Duplex Cradle Phones



The New Connecticut French Type Cradle Phone is designed to fill the demand for an inexpensive portable type telephone and signal system. Uses 2 standard dry cells for permanent installations and over 150 feet lines. Base of phone is of heavy gauge steel and contains operating mechanism, including buzzer and necessary connections. Finished in light green. Shipping weight 8 lbs.  
**M13440—List \$7.50 \$5.50**  
**Your Cost Per Pair**

## Tested Crystals



These guaranteed crystals are of the highest grade Galena, cold molded, selected and tested for sensitivity and tone.  
**N13900—Galena 10c**  
**Your Cost Each**  
**N13901—Super-Sensitive 15c**  
**Your Cost Each**

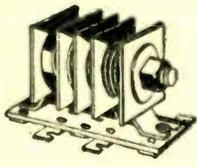
## Ear Phone Cushions



These cushions, made of soft rubber, are ideally suited for amateur, wireless operator and others using phones over a long period of time.  
**N13940—List Per Pair 75c \$2.50**  
**Your Cost**

# RECTIFIERS

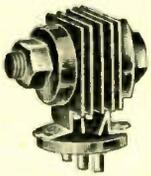
## ELKON Replacement Rectifiers



For Majestic "A" eliminators. Also used on following eliminators: Mayolian, Elkon, Philco, Webster, Knapp, General Inst., Metro, Fada, Bernard, Sentinel and Briggs & Stratton. 3 amps. Shpg. wt. 4 lbs.  
**A431—Type XB-16. \$3.75**  
**Your Cost**

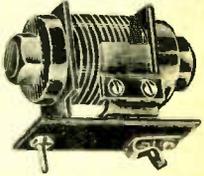
## For Trickle and Tapering Chargers

Elkon Dry Rectifiers need replacing. There is nothing to wear out in the chargers, but the rectifier units should be replaced after 5000 hours use. Type XB-4 (3 units to set) should be used in the Elkon Type B and T, National Battery Co., Acme and Bernard. Type X-12 should be used in the Elkon Type E, W. L. S. and Song Bird.  
**B429—Type XB-4. List \$4.00 set.**  
**B432—Type X-12. List \$4.00 set.**  
**Your Cost, Either Type \$2.35**

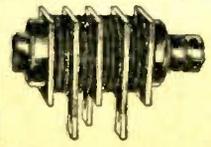


## For Philcotron "A" and "AA"

Replaces wet jar rectifiers used in Philco Trickle Chargers "A" Eliminator and "A" and "B" combinations. Simple to attach, only two wires to connect—no liquids—no attention. Replace all low voltage Philco liquid rectifiers with new Elkon XP-12 solid dry rectifiers. Shpg. wt. 2 lbs.  
**A430—List \$4.00 \$2.35**  
**Your Cost**



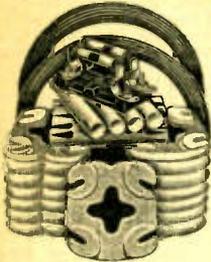
## B-L Rectifying Units



For dynamic speakers, "A" powers, signaling equipment, etc. Type B-12 is for such "A" eliminators as Acme, Sterling, Arco, Stewart, France, Galvin, Green-Brown, etc. Type B-16 is for Green-Brown, Type D Norden-HAUCK No. 3A. Tobe Deutchman, Webster, Valley type DMA, etc. Shipping weight 3 lbs.  
**A435—Type B-12 List \$4.50—Your Cost \$2.65**  
**A436—Type B-16 List \$5.00—Your Cost \$2.94**

# LYNCH NOISE REDUCING PRODUCTS

## Short Wave Antenna Kit



Kit, Shpg. wt. 6 lbs.  
R17115—List \$6.00.

Your Cost

**\$3.53**

While this Antenna System was designed primarily for short wave reception, its noise reduction properties are effective on the conventional broadcast frequencies and will provide usable reception where ordinarily the signal would be lost in a barrage of "man-made" static. This system is especially recommended for use with "all-wave" receivers. The Lynch S. W. Doublet Antenna Kit comprises the following parts: 15 Lynch Transposition Blocks; 8 Lynch Commercial Type Insulators; 1 Lynch Doublet Coupler, Line Impedance-Matching Device; and 200 ft. Enamelled Short Wave Antenna Wire. Complete instructions for its entire installation furnished with each

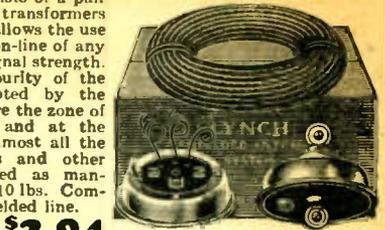
## Antenna for the Broadcast Waves

The Lynch System consists of a pair of impedance-matching transformers of unique design which allows the use of a shielded transmission-line of any length without loss of signal strength. Its use preserves the purity of the original signal intercepted by the lofty antenna, high above the zone of inductive interference, and at the same time eliminates almost all the cracks, crashes, growls and other noises commonly classed as man-made static. Shpg. wt. 10 lbs. Complete kit with 50 ft. shielded line.

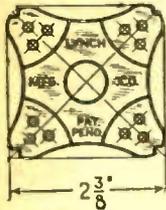
R17111—List \$5.00

Your Cost

Kit with 100 ft. shielded line.  
R17114—Your Cost



**\$2.94**  
**\$3.53**



Shipping weight 5 lbs.

R17108—List, Complete Kit of 10, \$2.75

Your Cost  
Kit of 10

## Cage-Aerial Spreaders

These Aerial Spreaders are used when the cage type of aerial is to be used to take advantage of its great pick-up qualities, and its freedom from directional effect. These Spreaders may also be used in amateur transmitting systems.

**\$1.62**

## Pigtail Lightning Arrester

Provides suitable protection for any receiver, if connected directly between the antenna and ground binding posts.

L12658—List \$0.50. Your Cost Each **29¢**

Double Lightning Arrester with Mounting.  
L12659—List \$1.25  
Your Cost Each **73¢**

## Universal Coupler

The new Lynch Universal Coupler permits the use of an ungrounded transmission-line with any type of receiver without sacrificing the stability which grounding the chassis sometimes provides. It is especially useful with receivers of the all-wave type. In receivers employing a resistance input to the first tube superior results will be obtained by the use of the Lynch Universal Coupler. Complete instructions furnished with each Universal Coupler.

R17116—List \$1.00

Your Cost Each

**59¢**

## "All-Wave"

## Antenna Coupler

This Antenna Coupler enables securing the best possible results from the various noise-reducing antenna systems, without regard to the wave length on which reception is desired. Shipping weight 1 lb.

R17106—List \$1.75.

Your Cost Each

**\$1.03**

## Lynch Doublet Coupler

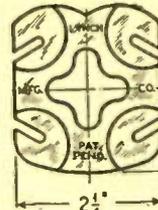
For use with all types of Receivers in which the "All Wave" Coupler cannot be employed because of shielding, lack of space, or any other reason. Shipping weight 2 lbs.

R17113—List \$1.15.

Your Cost

**68¢**

## Transposition Blocks



The mechanical design of the blocks reduces the electrical losses to an absolute minimum, and offsets the ravages of weather and moisture, in order to secure the greatest possible signal strength. Results are most satisfactory on both regular broadcast as well as on short wave wave-lengths. Shipping weight 1 lb. Complete Kit of 10.

R17110—List \$2.75

Your Cost for Kit of 10

**\$1.62**

## Lynch "U.S.N. Standard" Antenna Insulators

These Insulators are especially designed to eliminate the loss of radio frequency energy due to leaky, faulty and defective insulators. They are an absolute necessity for the D. X. fan, and will improve reception and volume from weak and distant stations. Shipping weight 3 lbs.

R17107—List, Complete Kit of 8, \$2.00

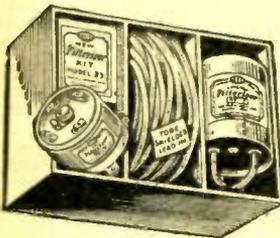
Your Cost

Per Kit of 8

**\$1.18**



## Filterizer Kits



The new improved filterizer—for keeping man-made static out of the receiver—utilizes the simple principle that most radio noise is carried on building wiring picked up on the lead in from the aerial, and will not reach the set if it is kept off the lead in. The filterizer keeps radio noise out of the receiver by providing an aerial outside the field of radio noise and carrying broadcast signals to the receiver through a filterized lead in system. Loss of signal which has been an objection to the use of old style shielded lead in systems is obviated in the filterizer by the use of two specially designed filterizers, the RF-1 at the aerial and the RF-4 at the set. Consists of one antenna coupler, one receiver coupler and 75 feet of shielded cable. No tools required to install. Shpg. wt. 6 lbs.

L12603—Model 33 Kit.

Your Cost

**\$3.20**

## Model 32

This Kit is identically the same as the one described above but, in addition, includes a Tobe RF-2 Power Line Filterette. This Filterette prevents noises from entering the set through the Power Line. Shpg. wt. 7 lbs.

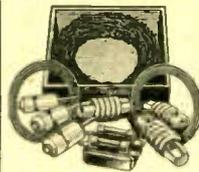
L12604—Model 32 Kit.

Your Cost

**\$5.85**

## Lafayette Doublet

## Short Wave Antenna Kit



A complete Kit for installing the new Doublet Antenna recognized as being the finest type of aerial for short wave receivers. Everything necessary is included. Two

lengths of solid enamelled aerial wire cut to the correct length; 50 ft. of special transposed lead-in wire; 3 ceramic insulators; 3 nail-it knobs; and a special antenna coupler to match the impedance of the aerial to your set. Shpg. wt. 5 lbs.

L12613—Complete Kit.

Your Cost

**\$2.25**

R16756—Two special Air Gap Lightning Arresters. Shpg. wt. 4 lbs.

Your Cost Each

**35¢**

## AKAFORMER

## Noise Reducing Kit



Complete kit consisting of Antenna and Set Transformers and shielded lead-in cable for eliminating noise picked up by the aerial. More than one set can be used on a single aerial by adding Set Transformers for each receiver. Shpg. wt. 8 lbs.

L12628—Complete Kit

Your Cost

**\$2.94**

Additional Set Transformers

L12629

Each

**\$1.32**

# PHILCO



## Three Purpose Antenna System

The primary purpose of this system is the reduction and elimination of noise, man-made static, that originates from various sources, such as small motors and electrical appliances. With this installation, reception is greatly increased, and more stations will be heard. Will provide efficient operation from two to four radio sets from a single antenna, through the use of separate set transformers. A 50 ft. coil of transmission wire is furnished with this kit, additional line in 100 ft. coils is available. Up to 400 ft. can be used without affecting the sensitivity of the installation or without any increased noise pick-up. Kit includes all necessary equipment for antenna installation, plus 1 antenna and 1 set transformer with complete instructions.

R17150—Your Cost

R17151—Set Transformers

Your Cost Each

**\$2.94**  
**44¢**

Additional 100 ft. coil of transmission line.

R17152—

Your Cost per Coil

**\$1.18**

# AERIAL KITS & LEAD-IN-WIRE



## Bare Copper Wire

### 7/27 STRANDED

Shipping weight, 100 ft., 1/2 lb.

<b>Q16112</b> —100 ft. coils.	Single Lots Each	Lots of 25 Each	Lots of 50 Each
	17c	16c	15c

### 7/26 STRANDED

<b>Q16113</b> —100 ft. coils.	Single Lots Each	Lots of 25 Each	Lots of 50 Each
	20c	19c	18c

### 7/24 STRANDED

<b>Q16114</b> —100 ft. coils.	Single Lots Each	Lots of 25 Each	Lots of 50 Each
	25c	24c	23c

### 7/22 STRANDED

<b>Q16115</b> —100 ft. coils.	Single Lots Each	Lots of 25 Each	Lots of 50 Each
	36c	35c	34c

### No. 10 SOLID ENAMELED

<b>Q16129</b> —Per Ft.	Per 100 Ft.
1 1/2c	\$1.25

## Antenna Wire

We Guarantee our wire to be First Quality, Full Length and Standard Gauge as specified. It has been called to our attention that some houses are cutting short lengths and selling under-size wire in order to quote a low price. Our prices are the very lowest, consistent with standard size, length and quality.

## Enameled Copper Wire

The very best grade enamel; will not chip or crack. Guaranteed full measure and size.

### 7/24 STRANDED

<b>Q16116</b> —100 ft. coils.	Single Lots Each	Lots of 10 Each	Lots of 25 Each
	35c	34c	33c

### 7/22 STRANDED

<b>Q16117</b> —100 ft. coils.	Single Lots Each	Lots of 10 Each	Lots of 25 Each
	55c	53c	50c

### No. 14 SOLID

<b>Q16118</b> —100 ft. coils.	Single Lots Each	Lots of 10 Each	Lots of 25 Each
	42c	41c	40c

### No. 12 SOLID

<b>Q16119</b> —100 ft. coils.	Single Lots Each	Lots of 10 Each	Lots of 25 Each
	65c	63c	60c



## Belden Aerial Wire

Belden aerial wire has long been known as the finest wire available for permanent antenna installations. This wire, of the finest grade copper, is very heavily enameled with a permanent compound, and will stand up indefinitely under heavy strain, and the severest weather conditions. Each coil is attractively boxed, and the 1000 ft. length is wound on a heavy steel spool. Shipping weight per 100 ft. 4 lbs.

<b>Q16229</b> —7x22 Beldenamel.	Your Cost
75 ft.	\$0.42
100 ft.	.52
150 ft.	.75
1000 ft.	4.95
<b>Q16230</b> —No. 12 Beldenamel, solid.	Your Cost
100 ft.	\$0.59
1000 ft.	5.85
<b>Q16231</b> —No. 14 Beldenamel, solid.	Your Cost
100 ft.	\$0.45



## Belden Shielded Lead-in and Ground Wire

Effective in reducing man made static. Stranded core with a heavy braid of fine tinned copper wire which serves as a shield. Easy-strip rubber insulation. In service the shielding is grounded.

### SIZE 14

<b>Q16208</b> —50 Ft.	100 Ft.	250 Ft.
Your Cost \$1.10	\$2.10	\$5.15
Shpg. wt. lbs. 2	4	10

### SIZE 16

<b>Q16210</b> —50 Ft.	100 Ft.	250 Ft.
Your Cost \$0.75	\$1.45	\$3.50
Shpg. wt. lbs. 2	4	9



## Belden All-Rubber Lead-in Wire

Well known for its special rubber compound covering which strips quickly and easily. Big time saver for quick splicing.

Shipping weight per 100 ft. 3 lbs.

<b>Q16225</b> —No. 14 Seven Strand.	50 ft. per carton.	Your Cost \$0.47
	250 ft. per spool.	Your Cost 2.25

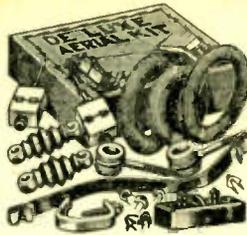
<b>Q16226</b> —No. 16 Seven Strand.	50 ft. per carton.	Your Cost \$0.29
	250 ft. per spool.	Your Cost 1.35
	500 ft. per spool.	Your Cost 2.25

<b>Q16227</b> —No. 18 Seven Strand.	500 ft. per spool.	Your Cost \$1.95
-------------------------------------	--------------------	------------------

## Lead-in Wire

Very good quality. No. 17 copper wire insulated with pure rubber.

<b>Q16200</b> —	25 Ft.	50 Ft.	100 Ft.
Single Lots.	11c	19c	35c
Lots of 10 Ea.	10c	18c	33c
Shpg. wt. lbs.	1/2	1	2



## LAFAYETTE DeLuxe Aerial Kit

No finer aerial kit on the market than this one. Has shielded lead-in wire that is very effective in reducing interference caused by high tension wires. By grounding the shielding disturbing impulses are carried to the ground. Also has tinned copper antenna wire that will not corrode. Shipping weight 4 lbs. Kit consists of the following: 75 ft. 7-24 Tinned Copper Aerial Wire, 50 ft. 16 Str. Shielded Lead-in Wire, 25 ft. Rubber Covered Ground Wire, 1 Lightning Arrestor, 2 Porc. Insulators, 1 Ground Clamp, 1 Lead-in Strip, 2 Insulated Screw-eyes, 2 Nail Knobs, 5 Insulated Staples. **Q16475**—List \$2.55. Your Cost **\$1.65**

## LAFAYETTE Aerial Kit

Everything necessary for an efficient aerial installation. All items are of the very best quality. Ideal for the dealer furnishing a standard antenna kit with radio set sales. Shipping weight 4 lbs. Contains the following: 100 ft. 7-24 Copper Wire, 50 ft. No. 17 Rubber Covered Lead-in Wire, 25 ft. Rubber Covered Ground Wire, 1 Approved Arrestor, 1 Copper Ground Clamp, 1 Lead-in Strip, 2 Porcelain Insulators, 2 Nail Knobs. **Q16476**—List \$1.50. Your Cost **75c**



## Standard Aerial Kit

A low price kit containing all essentials for a dependable and efficient aerial system. A very good dealer item. Shipping weight 2 lbs. Contains: 90 ft. 7/25 Copper Wire, 50 ft. Lead-in, 10 ft. Ground Wire, 2 Porcelain Insulators, 1 Copper Ground Clamp, 1 Lead-in Strip, 2 Nail Knobs. **Q16477**—List 90c Your Cost **55c**

## Economy Aerial Kit

Especially designed for Midget Sets. The lowest price kit on the market made up of first quality merchandise. Shipping weight 2 lbs. Contains: 100 ft. 7/27 Copper Wire, 25 ft. Rubber Covered Lead-in, 1 Lead-in Strip, 1 Ground Clamp, 2 Nail Knobs, 2 Porcelain Insulators. **Q16478**—List 75c Your Cost **45c**



## BELDEN Aerial Kit R. M. A. Standard

Nationally advertised; nationally known for quality. The most popular number in a very popular line of aerial kits. Shipping weight 4 lbs. Contains: 100 ft. 7x22" Beldenamel, 25 ft. Belden Flexible Colorubrer, 50 ft. 7x22". All-Rubber Lead-in Wire, 1 Belden Arrestor, 1-15" Belden Lead-in Strip, 1 Belden Ground Clamp, 2-3" Belden Glass Insulators, 3 Nail-on Knobs, 2 Galvanized Screw Eyes, 2 Wood Screws, 6 Insulated Staples, 1 Instruction Sheet. **R16479**—List \$3.00. Your Cost **\$1.75**

## BELDEN Aerial Kit

Similar to above but contains: 7x22" Bare Copper Aerial, 35 ft. All-Rubber Lead-in Wire, 1 Belden Arrestor, 1 12-inch Belden Lead-in Strip, 1 Belden Ground Clamp, 2 3-inch Glass Insulators, 2 Nail-on Knobs, 2 Galvanized Screw Eyes, 1 Instruction Sheet. **R16480**—List \$1.75. Your Cost **\$1.00**

## BELDEN Aerial Kit

A very fine kit at a reasonable price. Suitable for any type of receiver. This kit is very complete and contains sufficient material for an average installation. Includes: 75 ft. 7x24 Aerial Wire, 1 Lightning Arrestor, 35 ft. Rubber Covered Lead-in Wire, 1 Ground Clamp, 1 12-inch Lead-in Strip, 2 Porcelain Insulators, 2 Nail-on Knobs. Shpg. wt. 3 lbs. **Q16250**—Your Cost **72c**

## BELDEN Tinned Aerial Wire

An old standby. Very popular where good installations are wanted. 7x22. Shipping weight per 100 ft., 4 lbs.

<b>Q16228</b> —100 ft. per coil.	<b>41c</b>
Your Cost	
1000 ft. per spool	<b>\$3.90</b>
Your Cost	

## 24k. Gold Plated Aerial Wire



Triple plated with pure 24 K. gold. None of the troubles of copper wire which corrodes, causing noise in the receiver and loss of efficiency. Gold plated aerials are used by the Government, by broadcasting stations and by engineers. 100 Ft. coils.

<b>Q16110</b> —Size 7x24	<b>69c</b>
Your Price, per coil	

## Best Grade Lead-in Wire

A heavier and better grade of Lead-in Wire. Consists of a core of No. 14 tinned copper wire covered with a layer of durable rubber compound and a layer of cotton braid. Weather-proofed braid. Strips clean; solders easily. Standard code wire.

<b>Q16203</b> —	25 Ft.	50 Ft.	100 Ft.
Single Lots.	29c	55c	98c
Lots of 10 Ea.	28c	52c	95c
Lots of 25 Ea.	27c	50c	92c
Shpg. wt. lbs.	1/2	1	2

## Shielded Lead-in



A shielded lead-in properly grounded at both ends has been proven to be the most effective way to eliminate man made static that is picked up by the ordinary lead-in. Unexcelled for lead-in and ground connections with layer of cotton over which is a layer of pure live rubber covered with a shielding of tinned copper braid. Insulations, skins easily and wire is tinned for easy soldering.

<b>Q16212</b> —	50 Ft.	100 Ft.
Each	59c	\$1.05
Shpg. wt. lbs.	1	2

# - ANTENNAS -

## "DX" Cage Aerials for All Receivers



### "DX" Window Sill Aerial

For use on outside window sill, under eave or in closet. Absolutely non-directional. Especially for use with Superheterodynes. Has 10 ft. rubber covered lead-in soldered to aerial. Length 31", height 6". Shipping weight 6 lbs.

**R17129—Your Cost Each ..... \$1.10**

### Window "DX" Aerial

This is a five wire cage Aerial similar to the above, with the exception that it has two 16 inch brackets of heavy iron to support the cage vertically outside of the window. Is especially designed for Superheterodynes, which require an aerial of large capacity in a small area. It is common knowledge that a long aerial picks up considerable interference, while a short single wire antenna tunes in the noise level; this DX Aerial tunes sharp and clear. Is weather-proofed, and has soldered lead-in. This is a unit of the highest attainable efficiency and is particularly adaptable for use on all of the new high-gain sets. Is non-directional. Shipping weight 5 lbs. Length 5 feet. Complete with brackets and wood screws.

**R17126—Your Cost ..... \$1.10**



### "DX" Aerials for T.R.F. Sets

Guaranteed greater volume and sharper tuning; non-directional. Fully assembled cages, ready to string up. Ideal for short roofs. 5 heavy zinc spacer rings. Length 20 ft. Contains 100 ft. enameled copper wire, 25 ft. rubber covered lead-in, soldered to aerial. Shipping weight 5 lbs.

**R17122—Your Cost ..... \$1.45**

### Inside or Outside "DX" Aerial

A powerful aerial for all midget sets. Made of solid copper metal, fastens by means of hooks and is not visible from inside. May also be used inside in window frame back of curtain. Most midget sets and all TRF sets work better with a powerful outside aerial; this installation



### "DX" Roof-Porch-Attic Aerial

Length 5 ft. Has 10 ft. of rubber covered lead-in soldered to aerial. Ideal for Super-heterodyne and new "high-gain" sets. Used by many dealers as regular equipment because of low cost, easy installation and high efficiency. Fully assembled, ready to "string up." Shipping weight 3 lbs.

**R17124—Your Cost ..... 85¢**

## GIANT DX ROOF AERIAL



Super power on distance. Ready to string up. 25 ft. soldered lead-in. Very powerful without loss of selectivity. 10 ft. cage with 150 ft. 7-strand copper wire. Shipping weight 5 lbs.

**R17128—Your Cost ..... \$2.25**

Same as above except with 50 ft. 7-strand wire. Length 10 ft. Shipping weight 4 lbs.

**R17123—Your Cost ..... \$1.20**

No. 30—Produces great volume; ideal for all sets. 5 spacer rings; length 30 ft. Contains 150 ft. enameled copper wire and has 25 ft. rubber-covered lead-in. Shipping weight 6 lbs.

**R17121—Your Cost ..... \$2.05**

### Most Powerful Antenna Made

No. 60—An exceptionally powerful aerial. 8 spacer rings; length 50 ft. Contains 250 ft. wire, 25 ft. rubber-covered lead-in. Shipping weight 8 lbs.

**R17120—Your Cost Each ..... \$2.25**

gets away from interfering with neighbors' antenna. Complete with hooks and soldered lead-in. Stretches to fit any window. 50 ft. of material. Shipping weight 3 lbs.

**R17127—Your Cost Each ..... \$1.10**

## "American" All-Directional Antenna



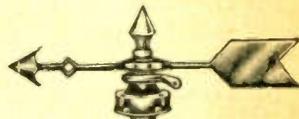
Recommended for short wave and general radio reception. Positively non-directional. Pure copper drum, 14" in diameter with collar for mounting on wooden pole or pipe. Has a clip for attaching lead-in. Shipping weight 6 lbs.

List \$4.00. **R17119—Your Cost Each ..... 98¢**

8 ft. metal extension mast for above antenna. **R17118—Your Cost ..... 98¢**

## YAHR-LANGE

### "Red Arrow" Antenna



Weather-vane and aerial. Mounts on 80" of 1/2" pipe. Pick-up capacity including four guy wires equal to 75 ft. aerial. Bakelite condenser insulates aerial from pipe. Has collar for guy wires. Shpg. wt. arrow 2 lbs. Complete kit 12 lbs.

**R16260—Arrow only. List \$3.25 Your Cost ..... \$1.91**

**R16261—Kit including 80" of 1/2" pipe, Red Arrow, wire, insulators, aluminum mast base, etc. List \$6.50 Your Cost ..... \$3.82**

A complete listing of "noise suppressing" aerial kits will be found on page 138.

### Stiktape Aerial



A layer of heavy ductile foil deposited on a specially treated adhesive fabric that sticks instantly wherever it is applied. The foil is highly conductive to radio waves and provides an antenna system of unusual efficiency. Ideal for use along mouldings, baseboards or on auto top.

50 ft. roll. Shpg. wt. 8 ozs. **R16164—Your Cost Each ..... 59¢**

### Our Special Ground Clamp

A very special value. Makes a vise grip on pipe. Has sharp pointed screw that penetrates surfacing and makes perfect contact. Has screw for connecting ground wire.

**R17105—Net Each ..... 4¢**  
12 for ..... \$0.42  
100 for ..... 3.25

### Ground Rods



New design with clip which makes positive and permanent connection. Heavy steel yoke for driving head. 3/8" drawn steel, cadmium plated. Shipping weight 2 lbs.

**R17187—4 Ft. Length Each ..... 28¢**  
Per Dozen ..... \$3.00

**R17188—6 Ft. Length Shipping weight 3 lbs. Your Cost Each ..... 40¢**  
Per Dozen ..... \$4.50

### Pipe Strips



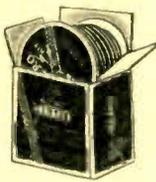
A strip of pure copper with holes at short intervals so that clamp is adjustable to fit any size pipe up to 2" in diameter. Has spring clip for attaching ground wire. **R17102—Net Each ..... 3¢**

10 for ..... \$0.25  
50 for ..... \$1.20

### Aero Aerial Wire

Many strands of very fine wire of high conductivity over which is laid a special covering of neutral buff color. An indoor aerial of unusual efficiency. 100 ft. spools. Shipping weight 8 oz.

**R16167—Your Cost Each ..... 15¢**  
Per Dozen ..... \$1.50



### Insultenna

Replaces outdoor antennas. Not connected to the light sockets. Handsomely finished bakelite case. Size 5x5 1/2 x 11". Contains a number of feet of new type filtered aerial wire with condenser which gives capacity of 75 ft. antenna. Mounts anywhere. Shipping weight 1 lb.

**R16166—List \$2.50 Your Cost ..... \$1.35**



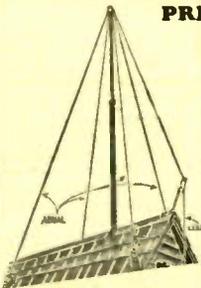
### Ribbon Aerial

Consists of a gold colored metallic braid woven into a strip of fabric about 3/8" wide. A neat and efficient aerial for stringing above moulding or baseboard. Held in place by thumb tacks. 65 ft. to roll. Shipping weight 8 oz.

**R16163—Your Cost Each ..... 29¢**



### PREMAX Pyramid Aerial



A very complete universal aerial kit that can be used anywhere. Mast, wire, insulators, ground clamp, lead in strip, ground rod, bracket and lightning arrester, in fact everything you need to put up a very efficient umbrella type aerial. Mast is extension type and extremely simple to mount, can be used on flat or sloping roofs. Shpg. wt. 20 lbs.

**R17149—Complete Kit Your Cost ..... \$2.50**

### Insulated Staples

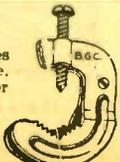
For holding inside lead-in and ground wires in place. Never be without them. **R15950—Per 1000 ..... 98¢**



### Ground Clamp

Standard type. Sharp teeth bites through rust or paint on pipe. Insures good connection. For pipes up to 3/4".

**R17103—Your Cost Each ..... 9¢**  
12 for ..... \$1.00



# AERIAL ACCESSORIES

## Stand-Off Insulators



Made of porcelain; extra heavy to stand great strain. Ribbed body provides additional surface to prevent leakage. Length 4".  
**R16800—12¢**  
 Net Each  
 Lots of 10...\$1.10

## Wall Insulator

For supporting wiring on instruments or may be used for supporting lead-in or ground wires. Glazed porcelain 2 1/4" high. Shpg. wt. 8 oz.  
**R16735—50 for \$3.95**  
 Your Cost Each...**9¢**



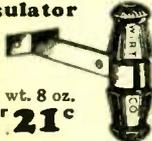
## Screw-in Stand-Off



Strong porcelain insulator with wood screw base. Ht. 2 7/8". Shpg. wt. 8 oz.  
**R16801—Your Cost Ea. 10¢**  
 50 for \$4.50

## Wirt Insulator

Galvanized extension about 6" long. Porcelain insulator. Shpg. wt. 8 oz.  
**R16736—Your 21¢**  
 Cost Each



## Baby Insulator

For suspending wires inside the house. Soft rubber insulator. Screw-in type easily installed. Screw 1 1/2" overall.  
**R16973—Per 18¢**  
 Box of 10

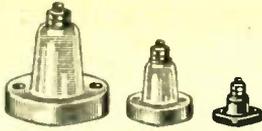


## Brown Porcelain

Strain insulator made of heavy porcelain. 2 1/2" long, 3/4" hole.  
**R16802—2 1/2¢**  
 Your Cost Each  
 Per 100...\$1.90



## JOHNSON Stand-Off Insulators



An excellent stand-off insulator useful in many ways. Three sizes provide a type for any purpose imaginable, lead-in, wiring, or as supports for condensers, tank coils, etc.

**R16745—No. 20.** 2" high with 10-32 nickel plated brass hardware. Your Cost Each...**9¢**  
 In Lots of 10...80¢  
**R16746—No. 22.** 1 3/4" high, with 8-32 nickel plated brass hardware. Your Cost Each...**6¢**  
 In Lots of 10...55¢  
**R16747—No. 24.** 1 1/4" high, with 6-32 nickel plated brass hardware. Your Cost Each...**5¢**  
 In Lots of 10...45¢

## Glass Insulators



Special tempered glass, unaffected by heat or cold or other climatic conditions. Best quality. 3" long.

**R16850—4¢**  
 Your Cost Each  
 Lots of 100, Each...3 1/2¢  
**R16851—Length 4"**  
 Your Cost Each...5¢  
 Lots of 100, Each...4 1/2¢  
**R16852—Length 5"**  
 Your Cost Each...11¢  
 Lots of 100, Each...10¢

## Porcelain Insulators

Porcelain Insulators of the better quality. Heavy and strong. 3 1/4" long. 1/2" hole.  
**R16803—Your Cost Each 4¢**  
 Per 100...\$3.25



## New Premax Mast

Easy to use, practical in design, durable and low in price. 3/4" solid steel rod with a Parkerized rust-proof finish. Adjustable base fits flat or sloping roofs. 3 1/2 ft. high. Complete with guy wire. No additional insulators needed. Shpg. wt. 2 1/2 lbs.  
**R17138—Your Cost 35¢**  
 Each



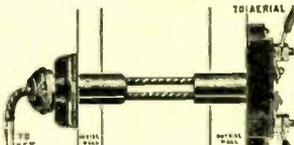
## Tubular Steel Masts

Made of welded steel tubing with black baked-on enamel finish. Guy wire disc at top.

**MADE IN FOUR SIZES**  
**R17139—Single Section.** 3 ft. Shpg. wt. 2 1/4 lbs. Your Cost Each...**49¢**  
**R17142—Double Section.** 6 ft. 9 in. Shpg. wt. 4 lbs. Your Cost Each...**98¢**  
**R17143—Triple Section.** 9 ft. 4 in. Shpg. wt. 6 1/4 lbs. Your Cost Each...**1.47**  
**R17144—Quadruple Section.** 12 ft. 9 in. Shpg. wt. 8 1/2 lbs. Your Cost Each...**2.25**



## Super-Thru-Lead-In



Combined Radio Outlet and Aerial-Ground Fitting with Lightning Arrester. Approved by The Underwriters Laboratories. Genuine moulded Bakelite.  
**R17097—List \$1.50 98¢**  
 Your Cost  
**R17098—Shielded Type.** Same as above, but for use with shielded lead-in.  
**Your Cost \$1.25**

## Nail-it Knobs



Heavy white porcelain nail knob. Leather washer under nail head prevents breaking knob when fastening. Height 1 1/4". Diameter 1 1/2".  
**R16977—2 1/2¢**  
 Your Cost Each  
 50 for \$1.10 100 for \$1.95

## Nail-It Knobs



Heavy rectangular knob with extra strong nail. Has leather washer under nail head to prevent breakage when fastening. Makes a neat looking job. Easy to use.  
**R16978—1 1/2¢**  
 Your Cost Ea.  
 100 for 95¢

## Screw-in Knobs

For attaching lead-in or ground wires to posts or buildings. Wire passes through center of porcelain. With screw 3" long.

**R16972—3¢**  
 Net Each  
 12 for 30¢ 100 for \$2.00  
 6" long.  
**Net Each...5¢**  
 12 for 50¢ 100 for \$4.00



## Screw Eyes

Useful in many ways, fastening aerial pole guy wires, etc. Length 2". Shipping weight per box 1 lb.  
**R16985—1¢**  
 Your Cost Each  
 100 for 90¢

## "Just-Rite" Push Clips

Keep telephone, electric, radio, wires off the floor with these easy to use clips. Just slip them between the moulding and wall. Eight clips to an envelope. Come in the following colors: White, Old Gold, Ivory, Dark Brown, Red, Green.  
**R16990—Envelope of 8 10¢**  
 Your Cost  
 Card of 36 Envelopes...\$2.75



## Belden Lead-in Strips



Tough Colorubber insulation over thin, flat strip. Clips riveted and soldered at both ends. 12" long.  
**R17099—6¢**  
 Your Cost

## Lead-in Strips

Copper Core with waterproof lacquered webbing. Length 12". Has new screw type terminals which make better connections and a neater appearance than most other strips. Quickly installed.  
**R17100—6¢**  
 Your Cost Each  
 100 for \$4.50

As above with Fahnestock terminals.  
**R17101—4¢**  
 Your Cost Each  
 100 for \$2.90

## Antenna Spring



Takes up slack in aerial. Spring only.  
**R16980—Your Cost Each...8¢**

## A Special Value



only  
**7¢**  
 each

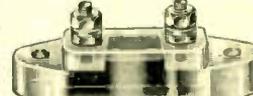
Dealers especially will appreciate this item. A thoroughly reliable protector that can be retailed at a low figure without sacrificing their margin of profit. Porcelain body. Shipping weight per doz. 3 1/2 lbs.  
**R16753—Your Cost 7¢**  
 Each  
 12 for...75¢ 100 for...\$5.75

## Wirt Lightning Arrester

The arrester that fulfills its promise. Petticoat insulation, a most important feature, is found only in Wirt Arresters. Terminals are extra heavy and a bracket is provided for fastening. Complete with mounting screws. Simple to install, positive in action.  
**R16737—Your Cost Each 39¢**



## Brach Vis-O-Glow Lightning Arrester



Due to the frequent losses of radio receiving sets from Lightning induction a demand has arisen for a lightning arrester that would give the same high degree of protection as that used in fire and police signal service. Vis-O-Glow is entirely different than ordinary arresters.

Instead of using resistance or an air-gap it makes use of a NEON TUBE. By far the most sensitive arrester made, the slightest induction is readily shunted to ground. When in operation you can see it work. Shpg. wt. 2 lbs.  
**R16700—List Price \$1.00 59¢**  
 Your Cost Each

## Belden Arrester



A thoroughly reliable protector designed for either outdoor or indoor use. Listed as standard by the National Board of Underwriters. Bakelite case. Resistor type. Each furnished with \$100 guarantee.  
**R16750—List Price 25¢ 15¢**  
 Your Cost

## I. C. A. Champion Arrester



Black glazed porcelain for outdoor and indoor use. Absolutely weatherproof and non-grounding. Carbon type, positive protection. Individually tested to meet Underwriters' requirements. Shpg. wt. 2 lbs.  
**R16710—Your Cost 27¢**

# WIRE AT

## Parallel Cotton Cord



A popular number with the serviceman. For hooking up radios, extensions, etc., available in white, brown, maroon. Specify color when ordering. Shipping weight 3 lbs. to 100 ft.

2 Conductor 18 Gauge  $\frac{1}{4}$  R. C.  
**Y20941—Your Cost:**

Per Ft.	100 Ft.	500 Ft.
2c	\$1.60	\$7.50

2 Conductor 18 Gauge  $\frac{1}{2}$  R. C.  
**Y20942—Your Cost:**

Per Ft.	100 Ft.	500 Ft.
2 $\frac{1}{2}$ c	\$1.80	\$8.00

## Reinforced Cord



Used indoors for portable machines and drop cords, insulated with belt of seamless rubber and covered with smooth cotton braid, size No. 18. (Black only.) Shipping weight 6 lbs. to 100 ft.

Heavy Reinforced  $\frac{1}{4}$  R. C.  
**Y20943—** Per Ft. 250 Ft.

2 $\frac{1}{2}$ c	\$5.25
-------------------	--------

Light Reinforced  $\frac{1}{4}$  R. C.  
**Y20944—** Per Ft. 250 Ft.

2c	\$4.45
----	--------



## APPROVED Fixture and Appliance Wire

ALL APPROVED wire for resale purposes is marked with a special label every 5 feet. The wire listed here has these labels and is fresh stock of the finest quality. The use of UN-APPROVED wire may mean a delay in insurance settlement in case of fire. We therefore recommend that for your own protection you use only approved wire. This recommendation is made in keeping with WHOLESALER'S policy of telling the TRUTH about the merchandise it sells.

### Single Fixture Wire



Silk or cotton. Very handy for hooking receiver up to aerial and ground as well as for general fixture use in extensions, etc. Silks come in white, old gold, maroon and brown. Cotton available in white and brown only. Specify color when ordering.

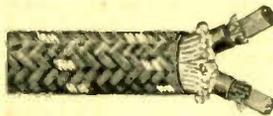
18 Gauge  $\frac{1}{4}$  R. C.  
**Y20933—Your Cost:**

100 Ft.	Silk	Cotton
500 Ft.	\$0.75	\$0.65
1000 Ft.	3.60	3.00
18 Gauge $\frac{1}{2}$ R. C.	6.90	5.50

18 Gauge  $\frac{1}{4}$  R. C.  
**Y20934—Your Cost:**

100 Ft.	Silk	Cotton
500 Ft.	\$0.95	\$0.80
1000 Ft.	4.40	3.75
	8.20	7.25

### Asbestos Heater Cord



Stranded copper wire, cotton wrapped, insulated with rubber, protected by a braid of long asbestos fibres with a closely woven Rayon braid over all. A heavy duty wire suitable for all types of appliances such as toasters, irons, etc. Shipping weight 3 lbs. to 100 ft.

2 Conductor Heater Cord.  
**Y20931—Your Cost:**

Per Ft.	100 Ft.	500 Ft.
2 $\frac{1}{2}$ c	\$1.95	\$9.00

## Parallel Silk Cord



New code insulation lamp cord. Consists of two conductors laid parallel and covered with braided silk. Has inner braid. The neatest cord for portable lamps, extension lights, etc., available in the following popular colors: White, brown, maroon, old gold, black. Specify color when ordering. Shpg. wt. 3 lbs. to 100 ft.

18 Gauge  $\frac{1}{4}$  R. C.  
**Y20923—Your Cost:**

Per Ft.	100 Ft.	500 Ft.
2c	\$1.80	\$8.00

18 Gauge  $\frac{1}{2}$  R. C.  
**Y20924—Your Cost:**

Per Ft.	100 Ft.	500 Ft.
2 $\frac{1}{2}$ c	\$1.95	\$9.00

## Glazed Cotton Twisted Pair



18 Gauge,  $\frac{1}{4}$  R. C. wire with a glazed cotton covering. Two colors—white or yellow and green mixture. Specify which.

**Y20929—Your Cost:**

Per Ft.	100 Ft.	500 Ft.
2c	\$1.60	\$7.50

# WIRE BARGAINS!

Most of the wire listed here has been approved by the Underwriters but, since it was made for lamp and fixture manufacturers' use, it does not carry the individual wire labels but is labeled on the spool instead. Quantities in some colors are limited.

## Single Fixture Wire

In sizes where both silk and cotton are available at the same price specify which is desired.

18 Gauge  $\frac{1}{4}$  R. C.

Silk Colors:—Old Gold, Brass, Maroon, White with Red tracer, Black, Green.

Cotton Colors:—Black, Tan, Brown, Brass, Green with tracer. (Specify color and covering desired.)

**Y20916—Your Cost:**

100 Ft.	500 Ft.	1000 Ft.
50c	\$1.85	\$3.50

18 Gauge  $\frac{1}{2}$  R. C.

Cotton only in Black with Red tracer.

**Y20915—Your Cost:**

100 Ft.	500 Ft.	1000 Ft.
50c	\$1.85	\$3.50

16 Gauge  $\frac{1}{2}$  R. C.

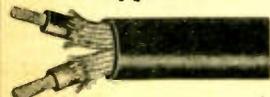
Silk Color:—Brown with Red tracer.

Cotton Color:—Brown with Red tracer. (Specify silk or cotton.)

**Y20917—Your Cost:**

100 Ft.	500 Ft.	1000 Ft.
65c	\$2.10	\$3.85

## Heavy Duty Cord Type S



The thick belt of 50% para rubber that covers the conductor is made of smooth oil-resisting, abrasion-proof, high quality rubber. This flexible waterproof, oil-resisting, non-kinking cord is just the thing for hard service. Especially suitable for outdoor work, garages, portable devices; in fact, on any job where ability to stand abuse is a primary factor. Shipping weight 7 lbs. to 100 ft.

Stock No.	Per 100	Per Ft.
Y20945 18—2-wire	4c	\$3.50
Y20946 16—2-wire	5c	4.25
Y20947 14—2-wire	7c	6.00
Y20948 18—3-wire	5c	4.50

## Special Wire Offer



Cotton

**Y20875—**200 Ft. 18  $\frac{1}{4}$  Single conductor for Aerial, Ground and General Use.

**Y20876—**250 Ft. 22  $\frac{1}{4}$  Single conductor for Hookup, etc.

**Y20877—**100 Ft. 14  $\frac{1}{2}$  Single conductor for General Heavy Filament Work.

**Y20878—**100 Ft. 18  $\frac{1}{4}$  Twisted Pair conductor for Drop Cords, Extension, etc.

**Y20879—**50 Ft. No. 14 Twisted Pair for Power Amplifier, etc.

The purchase of several million feet of fixture wire permits us to offer a large selection of popular sizes and colors at prices far below the present market. Shpg. wt. 4 lbs. 100 ft.

Silk

**Y20881—**100 Ft. 18  $\frac{1}{4}$  Parallel, for Installations, etc.

**Y20882—**100 Ft. 18  $\frac{1}{2}$  Twisted Pair for Filament Leads and Portable Work.

**Your Cost Each Coil \$1.05**

**Your Cost Complete Assortment of 8 Coils..... \$7.95**

## Approved Asbestos Covered Cord

Stranded copper wire, cotton wrapped, insulated with rubber, protected by a braid of long asbestos fibres with a closely woven Rayon braid over all. A heavy duty wire suitable for all types of appliances such as toasters, irons, etc. Shipping weight 3 lbs. to 100 ft.

**Y20930—Your Cost:**

Per Ft.	250 Ft.	500 Ft.
2 $\frac{1}{2}$ c	\$3.10	\$5.75

## Silk Parallel Cord

The type most generally used for lamps, radios, etc., at an exceptionally low price.

18 Gauge  $\frac{1}{4}$  R. C.

Has new code inner braid and in the following colors:—Brown, White, Green, Old Gold, Black. (Specify color desired.)

**Y20937—Your Cost:**

Per Ft.	100 Ft.	500 Ft.
1 $\frac{1}{2}$ c	\$1.20	\$4.75

## Twisted Silk Covered

Many prefer this wire to the parallel cord because it will not kink as readily. Colors are:—Maroon, Brush Brass, Old Gold, Blue, White, Brown. Shpg. wt. 3 lbs. 100 ft. Specify color.

Twisted 18 Gauge  $\frac{1}{4}$  R. C.

**Y20939—Your Cost:**

Per Ft.	100 Ft.	500 Ft.
2c	\$1.50	\$3.95

## Cotton Parallel Cord

A very durable cord with an inner-braid and a tightly woven outer cotton braid.

18 Gauge  $\frac{1}{4}$  R. C.

Colors:—Black, Tan. (Specify color desired.)

**Y20935—** Per Ft. 100 Ft.

1c	85c
----	-----

18 Gauge  $\frac{1}{2}$  R. C.

Colors:—Black, Yellow. (Specify color desired.)

**Y20936—** Per Ft. 100 Ft.

1 $\frac{1}{2}$ c	95c
-------------------	-----

## Twisted Pair Cotton Covered

A wire that will stand a great deal of abuse. The larger size will carry a heavier current and is suitable for the larger lamps and appliances.

18 Gauge  $\frac{1}{4}$  R. C.

Colors:—Green & Yellow, Brown & White, Black & Red, Brown & Red. (Specify color desired.)

**Y20902—Your Cost:**

Per Ft.	100 Ft.	250 Ft.
1c	70c	\$1.45

14 Gauge  $\frac{1}{4}$  R. C.

Black only.

**Y20927—Your Cost:**

Per Ft.	100 Ft.	250 Ft.
1 $\frac{1}{2}$ c	\$1.25	\$3.25

14 Gauge  $\frac{1}{2}$  R. C.

Black with Red tracer only.

**Y20890—Your Cost:**

Per Ft.	100 Ft.	250 Ft.
2c	\$1.75	\$3.70

## New Type Parallel Lamp Cord



The very latest development in lamp cords. Due to the great demand for a wire that is abrasion proof and waterproof, this wire has been made available. It is similar in size and appearance to the regular cotton or silk covered lamp cord. The two rubber covered wires are contained in a jacket of extremely tough live rubber. The rubber is put on by a new electrolytic process which makes for a perfect seamless covering. This wire is approved by the underwriters and can be had in black, green, ivory and brown. Specify color when ordering. Shipping weight 3 lbs. to 100 ft.

**Y20920—** 18 gauge. **Your Cost:**

Per Ft.	100 Ft.	500 Ft.
2c	\$1.50	\$6.95

# UNBEATABLE PRICES



## CORWICO Magnet Wire

This wire is universally used for coil winding of every description for radio and technical experimental operations. We have found that for this type of work a wire made of the purest copper and best grade insulating material is highly important. Our magnet wire answers the strictest specifications as to quality and exactness of gauge. This wire is neatly put up in single lengths on spools. Shipping weight 1 lb. each.



Enamel		Stock No.	Size	Price of 1/4 Lb.	1/2 Lb.
X20950	16			\$0.15	\$0.28
X20951	18			.17	.29
X20952	20			.18	.30
X20953	22			.19	.31
X20954	24			.20	.32
X20955	26			.21	.33
X20956	28			.23	.41
X20957	30			.25	.46
X20958	32			.28	.51
X20959	34			.32	.57
X20960	36			.36	.66
X20961	38			.42	.77

## Double Cotton

Double Silk		Stock No.	Size	Price of 1/4 Lb.	1/2 Lb.
X20962	18			\$0.30	\$0.52
X20963	20			.33	.62
X20964	22			.40	.70
X20965	24			.46	.85
X20966	26			.59	1.04
X20967	28			.73	1.30
X20968	30			.92	1.70
X20969	32			1.22	2.16
X20970	34			1.54	2.66
X20971	36			1.90	3.29

Table Showing Feet Per Pound of Above Magnet Wires.

Gauge	D. C. C.	Enameled	D. S. C.
16	122	125	125
18	192	202	199
20	298	319	314
22	464	506	494
24	711	804	778
26	1080	1280	1220
28	1630	2030	1910
30	2420	3220	2960
32	3500	5100	4570
34	4920	8080	6980
36	6660	12800	10500
38		20300	15500

## Belden Indoor Aerial and Litz Wire

This specially covered wire is ideal for indoor aerials and for

winding radio loops, and is easily concealed on a picture moulding or window frame. Shipping weight per spool 3 lbs.

Q16125—Brown Rayon 125 ft. **\$1.03**  
Your Cost

Q16126—Brown Cotton 60 ft. **41c**  
Your Cost

Q16127—Brown Cotton 1000 ft. **\$5.30**  
Your Cost

Q16128—100 ft. Litz Wire 20/38 stranded Beldenamel with two servings of green silk. **\$59c**  
Your Cost Per Spool

## Twisted Pair For Filaments



20 gauge. 16 strands No. 29. Tinned. Rubber insulation covered with cotton braid. Color: black. Shipping weight 25 ft. coil, 12 oz. One piece coils.

Q16278—  
25 Ft. 30c      50 Ft. 59c      100 Ft. \$1.15

## Heavy Duty Stranded Copper



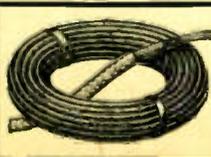
Forty strands No. 29; 14 Gauge. Layer of heavy cotton under covering of live rubber. Tinned. Ideal for heavy duty filament in transmitting apparatus. Shipping weight 25 ft., 1 lb.

Q16121—Per Foot  
25 Ft. 35c      50 Ft. 65c      100 Ft. \$1.20

## Extra Heavy Stranded Copper

Sixty-five strands No. 29. Tinned. Twelve gauge, insulated with pliable rubber. Would make an ideal antenna for D. X. fans. Will handle 10 amps at 2 1/2 volts. Shpg. wt. 25 ft. coil 1 lb. One piece coils.

Q16122—Per Foot  
25 Feet 48c      50 Feet 90c      100 Feet \$1.75



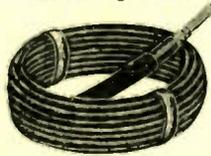
18-gauge hook-up wire with gutta-percha insulation that has a safety factor of 4000 volts. Shpg. wt. 50 ft. 1 lb.  
Q16136— 25' \$0.17 50' \$0.35 100' \$0.68 1M' \$5.75  
Solid...  
Q16137—  
Stranded .19 .40 .75 6.25  
Colors: Black, red and green.

## Hook-up Wire

Rubber insulated cotton braid. Lacquered braid which prevents the wire from fraying as easily as ordinary wire. Put up on spools of 250 ft. Shipping weight 6 lb.

R16345— **90c**  
Your Cost  
4 Spools (Assorted Colors) ... \$3.15

## Colored Rubber Hook-up Wire



No. 18 stranded and tinned copper wire covered with colored rubber compound. Solders instantly. 25 ft. to coil. Colors black, red or green; state color wanted. Shipping weight per coil, 6 oz.

Q16275—Your Cost per coil 25 Ft. **10c**  
10 Coils. 90c

## Best Grade Push-Back Wire



## Double Cotton Braid

Size 19 copper wire, tinned for easy soldering. Extra heavy insulation slips back easily. Essential for a neat and quick job. Very fine quality, not to be confused with cheaper grades which are not really "push-back." Colors: red or black. Shipping weight 6 oz. coil 25 ft. One piece coils.

Q16327—  
25 Ft. Coil 17c      50 Ft. 33c      100 Ft. 65c

## Stranded Push-Back Wire

The same high quality as the above. Size 18. Stranded and tinned. Red or black. One piece coils. 25 Ft. Coil 50 Ft. 100 Ft.

Q16330—17c      33c      65c

## 22-Gauge Stranded Copper Hook-up Wire



Seven strands of No. 29 wire. Cotton and rubber under waxed braid covering. Tinned. Colors: Black, Yellow, Red, Green. Shipping weight 25 ft. coil 6 oz. One piece coils.

Q16276—  
25 Ft. 14c      50 Ft. 25c      100 Ft. 31c

## 4000 V. Hook-up Wire

18-gauge hook-up wire with gutta-percha insulation that has a safety factor of 4000 volts. Shpg. wt. 50 ft. 1 lb.  
Q16136— 25' \$0.17 50' \$0.35 100' \$0.68 1M' \$5.75  
Solid...  
Q16137—  
Stranded .19 .40 .75 6.25  
Colors: Black, red and green.

## Stranded Push Back Wire

For those who prefer stranded to solid, we offer this old standby in black 19 gauge tinned copper hook-up wire. Shipping weight for 100 ft. 2 lbs.

R16321—  
Your Cost 100 ft. Coil **38c**  
Your Cost 500 ft. **\$1.80**  
Spools  
Your cost 1000 ft. **\$3.25**  
Spools

## Solid Push Back Wire

This 19 gauge solid wire has the popular black push back insulation. No stripping necessary. Just push back the insulation and the tinned wire is ready for soldering. Shipping weight 2 lbs.

R16320—  
Your Cost 100 ft. Coil **35c**  
Your Cost 500 ft. **\$1.60**  
Spool  
Your Cost 1000 ft. **\$2.95**  
Spool

## 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 or Yellow. Shipping weight 8 oz.

Q16290—Your Cost **20c**  
1000 ft. spools available in Natural, Brown or Red. Shipping weight 15 lbs.

Q16291—Your Cost **\$4.50**  
(Specify color when ordering).

## Belden Shielded Hook-up Wire

Same wire as above but with closely woven tinned copper shielding for use with screen grid tubes. Shipping weight 3 lbs.

R16294—  
100 Ft. Your Cost **\$1.40**

## Service Wire Kit



A real money saver. This assortment contains practically every type of wire useful for Radio Service. Contents total approximately 200 ft. in lengths varying from 4 to 24". Various wires are pushback R. C. hookup shielded, twisted and parallel lamp cord, heavy A. C. leads, spaghetti, etc. Shipping weight 6 lbs.

R16299—Your Cost **35c**

## Corwico Braidite



A superior hook-up wire. Either solid or stranded and tinned. Furnished in red, yellow, blue, green and black. Specify

color wanted. Shipping weight 1 lb.

Q16325—No. 600 Solid copper core. 25 ft. in carton. List, 30c.

Your Cost Each **17c**  
Q16326—No. 601 Stranded copper core. 25 ft. in carton. List, 35c.

Your Cost Each **20c**

We Will Not Knowingly Be Undersold

# Microphone Cables & Accessories

## Truest Shielded Microphone Cable with Armored Connectors



Heavy rubber covered shielded cable impervious to oil and water. Connectors heavily armored and clamped to cable.

Stock No.	Size	Shipping Weight	Your Cost
Q16080	6 ft.	1 lb.	\$1.75
Q16081	12 ft.	2 lbs.	2.25
Q16082	25 ft.	3 lbs.	3.95
Q16083	50 ft.	5 lbs.	5.50
Q16084	100 ft.	11 lbs.	9.95

## Armored Bakelite Microphone Connectors

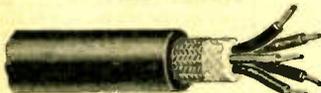
No better Connectors made for use with Carbon Microphones. Bakelite throughout providing perfect insulation; spring contacts insuring positive connections.



Heavily armored Plug and Socket locks cable, preventing individual connections from being pulled out. Diameter 1 1/4". Shpg. wt. 1 lb.

M13401—Plug.	<b>44¢</b>
Your Cost Each	
M13400—Socket.	<b>58¢</b>
Your Cost Each	
M13415—3 Wire Flush Receptacle, of a hard composition. Will fit above Female Socket No. M13400	<b>75¢</b>
Your Cost Each	

## 5 Wire Rubber Covered Shielded "Mike" Cable



Re-enforced with cord, rubber covered, stranded color coded microphone cable. Heavy cotton braid outer layer, ribbon sleeve shield, 1/4" live rubber. Excellent for Condenser Mikes. Outside diameter 1/4". For all outdoor temporary or permanent jobs. Shipping weight 2 lbs.

Q16100—Your Cost Per Foot	<b>10¢</b>
Per 100 Feet	\$9.00

## Truest Shielded Microphone Cable



This rubber covered shielded microphone cable consists of three conductors color coded in a very closely woven tinned copper shielding with 1/2" outer covering, 50 per cent pure para rubber. This cable is especially intended for outdoor use and is absolutely weather and abrasion proof. Shipping weight 10 lbs. per 100 ft.

Q16098—	<b>6¢</b>
Your Cost Per Foot	
12 Ft. for.....	\$0.65
50 Ft. for.....	\$2.45
25 Ft. for.....	1.25
100 Ft. for.....	4.80

## Super Service Shielded Microphone Cable

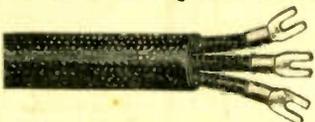


3/4" outside diameter

7 conductors of No. 14 stranded copper wire for 3 and 4 microphones on a mixing panel. This wire is identical with that used by large broadcasting stations and especially recommended for the better type of large P. A. systems. Each conductor is color coded. The unusually heavy and close shielding is well protected by a tough live rubber jacket. It is impossible to damage this wire no matter how rough the job. Shipping weight 12 lbs. 100 ft.

Q16099—Your Cost Per Ft.	<b>20¢</b>
50 Ft. for.....	\$9.75
100 Ft. for.....	\$17.50

## Shielded Microphone Cable



First quality shielded three conductor Microphone Cable that will stand the hardest usage without becoming torn or cracked. Ends provided with suitable lugs for easy connection. Very popular for indoor installations.

Q16132—Shipping weight for 50 ft., 2 1/2 lbs.	
6 Ft. for.....	\$0.38
25 Ft. for.....	\$1.25
12 Ft. for.....	.60
50 Ft. for.....	2.35

## BELDEN Automobile Radio Wire



This wire is especially designed for automobile and airplane radio installations. Makes an excellent shielded lead-in wire, also ground, where considerable interference, noise and local pick-up is experienced. A job using this wire means a job free from any wire trouble as is experienced in using an inferior grade of wire and one not expressly designed for this type of work. No. 12 (65 strands of No. 30 Tinned) Cambric wrapped with heavy tinned shielding, for "A" battery or "A" eliminator needs. Shipping weight per 100 ft. 3 lbs.

Q16223—Your Cost for 10 Ft.	<b>48¢</b>
100 ft.	\$3.90

No. 18 (16 strands of No. 30 Tinned). Same as above. For "B" battery, speaker and other leads, antenna and accessories. Shipping weight 100 ft. 4 lbs.

Q16224—Your Cost for 10 Ft.	<b>30¢</b>
100 ft.	\$2.52

## Auto Ignition Wire



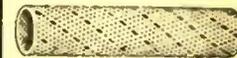
This standard 7 mm. black lacquered braided wire very popular for use in automobile ignition and high tension work. Can also be used in Neon signs. Shipping weight 4 lbs.

Q20852—100 ft. spool.	<b>\$1.75</b>
Your Cost	

9 mm. wire specially designed for Neon sign use. Shipping weight 4 lbs.

Q20853—100 ft. spool.	<b>\$2.25</b>
Your Cost	

## Wire Shielding



Tinned copper shielding for "B" battery

leads, speaker leads, lead-ins, and various connections in the radio chassis. Solders easily. Shipping weight per 100 ft. 3 lbs.

Q16139—Inside diameter 1/4".	<b>3¢</b>
Your Cost Per Ft.	
Q16140—Inside diameter 3/8".	<b>5¢</b>
Your Cost Per Ft.	
Q16141—Inside diameter 1/2".	<b>7¢</b>
Your Cost Per Ft.	

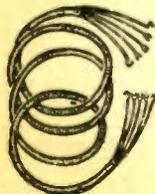
## Rubber Covered Hook-Up Wire



16-gauge stranded rubber covered hook-up wire. Especially made for filament wiring to carry a heavy current. Available in black, red, green and white. Specify color.

Q16280—	50 Ft.	100 Ft.	500 Ft.
Your Cost	30c	55c	\$2.65

## Battery Cable



Five ft. cables complete with terminals.

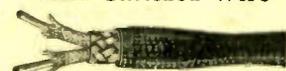
Q16085—7 Conductor.	40c
Your Cost Each	
Q16086—8 Conductor.	45c
Your Cost Each	
Q16087—9 Conductor.	50c
Your Cost Each	
Q16088—10 Conductor.	55c
Your Cost Each	

## Battery Cable by the Foot

A high grade, well insulated cable. Each lead a different color for easy identification.

Stock No.	No. Wires	Per Ft.	Per 100 Ft.
Q16089	3	3c	\$2.75
Q16090	4	3 1/2c	3.15
Q16091	5	4c	3.75
Q16092	6	4 1/2c	4.10
Q16093	7	5 1/2c	4.85
Q16094	8	6 1/2c	5.35
Q16095	9	7c	6.10
Q16096	10	8c	6.75

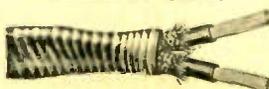
## Solid Shielded Wire



2 conductor, No. 19 solid enameled copper wire, heavy waxed cotton braid, copper braided shield, and overall cotton braid. Ideal for permanent public address systems and for panel hook-up work. Can also be used as special shielded lead-in on certain types of filtered aerial systems. Only highest quality material used in this wire.

Y20851—	1 Ft.	100 Ft.
Your Cost	6c	\$5.50

## Armored Cable



For auto, radio, outdoor, P. A. systems and oil burner installations. The armor when grounded acts as a shield which also makes this wire suitable for microphone installations. Of highest quality. Is weather-proof and will stand up indefinitely under heaviest strains. Shipping weight per 100 ft. 8 lbs.

Gauge No. 16	1 Ft.	100 Ft.
Q20855—Single Cond.	2 1/2c	\$1.95
Q20856—Double Cond.	3c	2.25
Q20857—Triple Cond.	4c	2.50

## Shielded Transmission Cable



A special two-wire shielded cable for use as a transmission line for Short Wave Doublet Antenna systems. Wires are transposed within the cable and are heavily rubber covered. Cable is built up to a fairly large diameter so as to provide considerable space between the wires and the shield, thereby reducing losses to a minimum.

Q20860—Per Foot	<b>8¢</b>	
50 Ft.	100 Ft.	500 Ft.
\$3.90	\$7.50	\$35.00

## Low Capacity Auto Radio Shielded Lead-In

A single wire shielded cable with considerable space between wire and shield. Cable is built up to 1/2" in diameter. Made especially for use on auto sets.

Q20861—Per Foot	<b>7¢</b>
50 Ft.	100 Ft.
\$3.25	\$6.25

## Special Shielded Lead-In Wire



A ten-strand wire covered with live rubber, a lacquered cotton braid and a woven tinned shield. Wire tinned for easy soldering. This wire is the same type as used in many filtered aerial systems such as Tobe, Lynch, etc.

Q16240—	50 Ft.	100 Ft.	500 Ft.
	55c	\$1.05	\$4.95



# Set Builders Accessories



## Hard Rubber and Bakelite Panels

Made especially for Radio Panels. Color, black. Thickness  $\frac{3}{16}$ ". First quality guaranteed. If size required is not listed we can cut **Special** size panels at  $1\frac{1}{4}$  cents per square inch for rubber and  $2\frac{1}{4}$  cents per square inch for Bakelite. Special size panels will not be shipped C. O. D.

HARD RUBBER	
Stock No.	Your Cost
W19630	\$0.54
W19631	.64
W19632	.75
W19633	.85
W19634	1.15
W19635	1.40
W19636	1.50
W19637	1.60
W19638	1.75

BAKELITE	
Stock No.	Your Cost
W19600	\$0.98
W19601	1.20
W19602	1.45
W19603	1.85
W19604	1.95
W19605	2.15
W19606	2.70
W19607	2.95
W19608	3.12



### Aluminum Shielding Cans

Shipped knocked down. Corner posts drilled for  $\frac{1}{8}$ " screws.  $\frac{1}{8}$ " stock.

Stock No.	Size	Each
M13250	5x5x6"	\$1.95
M13251	9x5x6"	2.10
M13252	6x6x6"	2.40
M13253	8x8x6"	2.70
M13254	10x8x6"	3.10

### Sheet Aluminum

Best grade  $\frac{1}{16}$ " thick. Specially made for radio work. Non-magnetic.

Stock No.	Size	Net
W19660	7x10"	\$0.54
W19661	7x12"	.59
W19662	7x14"	.69
W19663	7x16"	.88
W19664	7x18"	.95
W19665	7x21"	1.05
W19666	7x24"	1.20

### Aluminum Corner Posts

Build your own shield boxes 6" long, aluminum corner posts grooved on two sides to fit  $\frac{1}{8}$ " thick aluminum pieces and tapped at each end to fit  $\frac{1}{8}$ " machine screws. Thickness of metal overall  $\frac{1}{8}$ ". Shipping weight 1 lb.

**P14954—Your Cost Each \$2.20**

### Sub-Panel Brackets

This type designed to accommodate transformers or large by-pass condensers beneath the sub-panel. Also ideal for midget set construction. Rigidly constructed of hard aluminum. Size  $2\frac{1}{2}$ " high,  $6\frac{1}{2}$ " long. Shipping weight per pair 1 lb.

**P14905—Net per Pair \$2.40**

### 1" x 8 1/2" Bracket

An ideal bracket for receivers using box or large shielding; or large audio frequency transformers. Leaves enough clearance underneath the sub-panel for average by-pass or fixed condenser. Will accommodate any sub-panel up to 9" in width. Aluminum construction. Shipping weight 1 lb. **P14906—Your Cost per Pair \$2.40**

### 2 In. x 9 In. Bracket

An improved sub-panel bracket with cutout corners that will fit any type of cabinet. Aluminum construction. Shipping weight per pair 1 lb. **P14907—Your Cost per Pair \$2.40**

### Easy Solder Type

Insert wire, drop solder in hole. Brass, Nickel Plated. Shipping weight 6 ozs. **P14882—Per Dozen \$10.00**

### Bakelite Tubing

Best quality. Wall  $\frac{1}{16}$ " thick.

Stock No.	Dia.	per Inch	Your Cost
M13150	1		\$0.04
M13151	1 1/4"		.05
M13152	2		.06
M13153	2 1/2"		.07
M13154	3		.08

### Panel Engraving

We can furnish engraved Rubber or Bakelite Panels with any special engraving desired. Furnish us panel layout for quotation.

### Spaghetti

The best quality. High grade cambric tubing impregnated with transparent varnish of great insulating properties. Colors: red, yellow, green, or black. Specify color wanted. 30" lengths.

**Q15960—Per Length \$8.00**  
**12 Lengths \$85.00**  
Shpg. wt 6 oz.

### Bus Wire

Round, Tinned Copper, 2ft. Lgths  
**SIZE 14**  
**Q15965—10 Lgths. 100 Lgths.**  
**Your Cost 20c \$1.75**

**SIZE 12**  
**Q15966—10 Lgths. 100 Lgths.**  
**Your Cost 30c \$2.50**  
Shpg. wt., lbs. 1 8

### Terminal Clips

A very convenient and substantial clip. Hot tin dipped for easy soldering. Often used as Antenna and ground connections and power terminals. Furnished complete with two screws.

**Envelope of 5 Clips \$15.00**  
**P14938—Your Cost \$15.00**

### Mounting Lugs

For Anchoring Shield Can to Chassis. Made of cadmium plated steel. Flat end with hole to fit 6-32 screw. Threaded end size 6-32. **P14955—Your Cost for 10 \$8.00**  
**Your Cost per 100 \$36.00**

### Regular Type

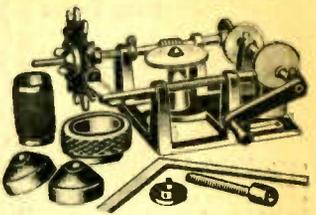
Nickel Plated Brass. **P14881—Per Dozen \$5.00**  
Per Gross. \$50.00

### Easy Solder Type

Insert wire, drop solder in hole. Brass, Nickel Plated. Shipping weight 6 ozs. **P14882—Per Dozen \$10.00**

## Morris Universal Coil Winder

This handy machine will wind Honey Comb, Spiderweb, or Solenoid coils of various widths and diameters, from any gauge wire in general use for coils. An ideal machine for experimenters and amateurs for the purpose of fabricating coils to special specifications. Does a neat, workman-like job 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. Shipping weight 6 lbs.



**P14725—List \$7.50**  
**Your Cost Each \$4.40**



**Soldering Paste**  
The quickest acting paste on the market, put up in a convenient collapsible tube with projecting tip. Outlasts other pastes two to one. Will solder where others fail. Shipping weight 8 oz.

**P14873—Your Cost \$15.00**  
12 for \$165.00

### Solderall

An amazing preparation which solders all metals, except aluminum.

**P14860—Single tubes. Your Cost \$9.00**

**P14861—Display box of 24 tubes. Shpg. wt. 4 lbs. Your Cost \$2.00**



### Welds All

Mends china, glass, marble, tile, wood, leather. Solders aluminum, iron, lead, tin, etc.

**P14910—List 25c. Your Cost \$18.00**  
Box of 12. Shpg. wt. 4 lbs. **Your Cost \$19.95**



### Insulating Pitch

This pitch is specially treated for low melting point, making its use very simple. It is put up in two sizes.

**P14864—Shipping weight 3lbs. for 14oz. can \$33.00**  
**Your Cost \$1.12**  
**P14865—Shipping weight 12 lbs., 1 gal. can. \$1.12**  
**Your Cost \$1.12**

### Sealo Quick-Seal Cement

Apply to all your electric plugs or wherever wire connections are made. Wire cannot short or pull out. Makes car distributors waterproof and eliminates stalling. Applied cold, it is a tough, flexible, alcohol-proof, corrosion proof, heat resistant adhesive. **P14711—Your Cost \$15.00**  
Carton of 28 tubes. **\$2.75**



### BURGESS Flashlight

A new large focusing two-cell flashlight at an exceptionally low price. Throws a 400 ft. beam. Brass case nickel plated. Sliding switch and flat lens. Complete with 2 cells. Shpg. wt. 3 lbs. **P15048—Your Cost \$39.00**



**Uni-Cells**  
**V18200—No. 1 Small Size. \$6 1/2**  
**V18201—No. 2 Large. \$6 1/2**  
**Your Cost Each \$6 1/2**

### Kester Solder



Approved by all leading radio engineers. Makes low loss joints. Each tin contains a coil of solder. Will not spatter.

**P14857 Rosin Core \$18.00**  
**P14878 Acid Core \$18.00**  
Per tin. Shipping weight 8 oz. **List \$0.25**

**Your Cost \$1.70**  
**Display carton of 10 tins. Shipping weight 3 lbs. List \$2.50**

### Kester Solder 1-lb. Spool

Servicemen and mechanics buy their solder in 1 and 5 lb. spools, as it is more economical.

**P14858 Rosin Core \$58.00**  
**P14879 Acid Core \$58.00**  
Shipping weight 2 lbs. for 1 lb. spool. **Your Cost \$2.90**  
**P14859—Shipping weight 6 lbs. for 5 lb. spool. \$2.90**  
**Your Cost \$2.90**

### KESTER Metal Mender



A real home soldering kit! Composed of a can of Kester Metal Mender,  $\frac{3}{4}$  lb. soldering iron and hardwood handle. Complete in an attractive box. Shpg. wt. 3 lbs. **P14939—Your Cost \$45.00**

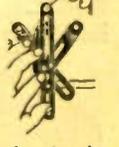
### PEERLESS Flux

A non-corrosive flux for quick soldering. Can contains 2 ozs. Shipping weight 8 ozs.

**P14862—Your Cost \$10.00**  
**P14863—One dozen cans. Shipping weight 3 lbs. \$1.10**  
**Your Cost \$1.10**

### Adjustable Drilling Template

A tool of many uses in the shop. Indicates the exact location for drilling of holes in panel or baseboard of any radio set. The adjustable template fits perfectly on any part and is then locked in position by the thumb nut. Eliminates the possibility of wrong drilling. Complete with full instructions for operating. Shipping weight 1 lb. **P14935—List 50c \$15.00**  
**Your Cost \$15.00**



# ELECTRICAL APPLIANCES

## Plug Fuses



A high grade plug fuse made of the finest materials and guaranteed to act promptly at its rated load. Crystal clear mica window makes inspection

easy. Not to be confused with the ordinary cheap type of plug that often comes apart while inserting. This plug is sturdily made. Packed in standard boxes of five. Shpg. wt. 1 lb.

M13200—6 amp.  
M13201—10 amp.  
M13202—15 amp.  
M13203—20 amp.  
M13204—30 amp.  
Your Cost Each..... 5¢  
Carton of 5..... \$0.20  
50 For..... 1.75

## Bell Wire

An excellent grade of bell or annunciator wire. 18 B. & S. gauge with waxed cotton covering. Shpg. wt. 1 lb.



16338—½ lb. roll.  
Your Cost..... 15¢  
16051—25 ft. roll.  
Your Cost..... 6¢

## Cartridge Fuses

Standard approved type. M13205—20 ampere.  
M13206—30 ampere.

Your Cost Each..... 7¢  
Carton of 10..... 60¢

## Friction Tape



The best quality tape with plenty of live friction rubber. Equally well

suitable to Radio, automobile, electrical or household use. Kept fresh by wrapping of tin foil.

P14829—2 oz. roll.  
Your Cost Each..... 6¢  
10 Rolls for..... 55¢  
P14842—4 oz. roll.  
Your Cost Each..... 8¢  
10 Rolls for..... 75¢  
P14843—8 oz. roll.  
Your Cost Each..... 20¢  
10 Rolls for..... \$1.80

## Rubber Tape

Live rubber. Used to properly insulate electrical splices under a layer of friction tape. Wrapped in tin foil and boxed.

P15040—½ lb. roll.  
Your Cost Each..... 15¢  
10 Rolls for..... \$1.25  
P15041—1 lb. roll.  
Your Cost Each..... 28¢  
10 Rolls for..... \$2.50

## G. E. Flush Receptacle

Mounts in 1¼" hole. Provides outlet for standard plug. 15 amps. at 125 volts. Metal case.



M13307—Each..... 10¢  
25 For..... \$2.25

## HUBBELL Cord Receptacle



10 amp. 250 volt composition receptacle. Is 1½" in dia. and 1½" long. Has three-fold bronze contact springs.

M13311—Your Cost Each..... 10¢  
10 For..... 85¢

## Brass Sockets

### Key



Brush brass finish black composition key. Standard ½" threaded cap. Threaded for shade holder. M13324—

Each..... 18¢  
Carton of 25..... \$3.95

### Adjustable Candle Socket

These sockets are used a great deal around the holidays for making lighted Xmas wreaths. It will pay you to have several cartons on hand and displayed in your window. For use with imitation cardboard candles. Height of socket is adjustable to fit size of candle used. Threaded to fit standard ½" pipe.

M13323—Your Cost Each..... 5¢  
Carton of 25..... \$1.10



### Pull Chain

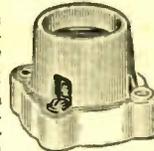
Brush brass finish with Pull Chain. Positive rugged switch mechanism. Standard ½" cap. Threaded for shade holder.



M13322—Your Cost..... 22¢  
Carton of 25..... \$4.95

### Porcelain Flat Base Socket

These sockets are particularly suitable for use in temporary installations or where socket is protected from accidental contact due to exposed terminals. Excellent for experimenting. A flat base porcelain socket. Easy to mount and wire. Shpg. wt. 1 lb.



M13327—Your Cost..... 10¢  
Each..... \$2.25

### Porcelain Pull Chain Socket

A well made all porcelain pullchain socket. Suitable for use in bathrooms, kitchens, cellars, etc. Semi-weatherproof. Will fit round or hexagon box covers of the 3, 3½ or 4" type. The positive switch action and the overall ruggedness of this item makes it able to withstand a great deal of use. It is an excellent part to keep in the home for emergency replacement purposes. Shpg. wt. 1 lb.



M13332—Your Cost Each..... 25¢  
Per 10..... \$2.25

### Canopy Switch

Push-pull switch. Very compact. Positive, fool-proof mechanism.



M13339—Your Cost Each..... 12¢  
Per 25..... \$2.75

### Rotary Canopy Switch

Very compact, will fit into very shallow canopies. Rotary action with metal knob. Wireleads.



M13342—Your Cost Each..... 12¢  
Per 25..... \$2.75

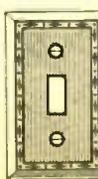
### Universal Canopy Switch

A pendant pull chain type switch to mount on canopy of ceiling fixtures. A very economical way of providing separate switches for each fixture. Comes complete with tassel and cord which can be cut at any length desired. Positive rugged action. Is well made and will stand a great deal of use. Shpg. wt. 1 lb.



M13338—Your Cost..... 59¢  
Each..... \$5.00  
Carton of 10..... \$5.00

### Genuine Bakelite Switch Plates



Attractive brown finish. For single and double toggle switches. Shpg. wt. 8 ozs. M13340—Single Each..... 8¢  
Lots of 10..... 70¢  
M13341—Dual Each..... 17¢  
Lots of 10..... \$1.60

### Receptacle Plates

These plates are made of genuine bakelite in a dark brown finish. Similar to above. For single and double receptacles. Will not warp or tarnish. Shpg. wt. 8 oz.

M13333—Single Your Cost..... 9¢  
M13334—Dual Your Cost..... 9¢

### Two Wire Fuse Blocks With Switch



Two fuses with double pole switch. Genuine porcelain and pure copper construction. Shpg. wt. 2½ lbs. M13210—Each..... 59¢  
Carton of 10..... \$5.00

### Two Wire Fuse Blocks Without Switch

Protects both leads. Rugged construction. Underwriters' approved type. Shpg. wt. 1½ lbs.

M13211—Your Cost Each..... 20¢  
Carton of 10..... \$1.90

### SIGNAL Bells and Buzzers—Senior



Adjustable silver contacts and heavier construction than the average. Battery or transformer operation. Shpg. wt. 3 lbs.

M13242—Bell 2½" gong  
Cost Each..... 49¢  
M13243—Buzzer  
Your Cost Each..... 45¢

### GAYNOR Bells and Buzzers



Exceptionally neat and very compact. For battery or bell ringing transformer operation. White enamel finish, nicked gong. Shpg. wt. 1 lb.

M13242—Bell 2½" gong  
Your Cost..... 28¢  
M13241—Buzzer  
Your Cost..... 25¢

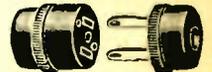
### Non-Twist Plug

No more twisted cords with this new plug. Approved by the board of fire underwriters. Shpg. wt. 8 oz.

M13277—Your Cost..... 20¢  
Each..... \$2.20  
Per Dozen..... \$2.20



### G. E. Cord Connector



Brown Bakelite. Flat contacts. M13288—Your Cost Each..... 28¢  
Per Dozen..... \$2.60

### BELDEN Portable Outlet



For use under rug with outlet at each end and 4 ft. of lamp cord with rubber plug to connect to wall outlet.

let. Under-Rug-Connector is very thin and does not show. Shpg. wt. 4 lbs.

M13335—6 ft. 4 in. connector  
Your Cost..... \$1.03  
Each..... \$1.18  
M13336—9 ft. 4 in. connector  
Your Cost..... \$1.18  
Each..... \$1.47  
M13337—15 ft. 4 in. connector  
Your Cost..... \$1.47  
Each..... \$1.47

### Outlet Box Receptacles

Finest receptacles made. The wide awake serviceman will find many customers willing to pay for replacing their single with dual receptacles. Fit standard outlet box. Comes in two types single and dual. Underwriters' approved type. Compact and very easy to wire. Shpg. wt. 1 lb.



M13328—Single.  
Your Cost Each..... 12¢  
M13329—Dual  
Your Cost..... 15¢

# highest quality - lowest prices!

## WIRING DEVICES

## Bell Ringing DEVICES

**Bakelite Baseboard Outlet**



This handy device enables you to quickly install an outlet in any part of the house. Made of brown bakelite with center mounting wood screw. Shipping weight 8 oz.

**M13312—Your Cost Each 10¢**

**Bakelite Surface Switch**



Bakelite cover will not tarnish and provides perfect insulation.

**M13315—Your Cost 19¢**  
Carton of 10 \$1.75

**Soft Rubber Socket**



Weatherproof. Unbreakable. 6" No. 14 wire leads. An excellent portable socket for use around the garage, etc.

**M13321—Cost Each 13¢**  
Carton of 20 \$2.25

**Miniature Receptacle**



Porcelain, miniature base.

**M13330—Cost Each 8¢**  
**M13331—Candelabra base. Your Cost Each 9¢**

**Feed-Thru Switch**



Bakelite. Very small size.

**M13275—Each 20¢**  
Carton of 10 \$1.80

**Midget Push Button**



Bakelite. Only 1 1/8" dia.

**M13297—Your Cost Each 12¢**  
Carton of 20 \$2.25

**M13238—Brass 1 1/8" dia. Your Cost Each 9¢**  
Carton of 20 \$1.69

**M13237—Brass 2 1/2" dia. Your Cost Each 10¢**  
Carton of 20 \$1.80

**Single Name Plate**



Bakelite. Size 2 1/4 x 2 3/8".

**M13300—Your Cost Each 15¢**  
Carton of 12 \$1.65

**M13235—Brass Your Cost Each 12¢**  
Carton of 12 \$1.25

**Dual Name Plate**



Bakelite. 2 1/4 x 4 3/8".

**M13299—Your Cost Each 38¢**  
Carton of 10 \$3.50

**M13236—Brass Your Cost Each 24¢**  
Carton of 10 \$2.25

**Bell Ringing Transformer**



Primary 110 V. A. C. Secondary 6-8 V. Wire leads on primary, posts on secondary.

**M13245—Each 59¢**

**Pendant Switch**



For controlling ceiling light. Has outlet at bottom for appliances.

**M13284—Each 38¢**  
Carton of 10 \$3.50

## REPLACEMENT ELEMENTS

**Fitsall Flatiron Element**



Iron replacements. Will fit over 90% of the irons on the market, including G. E. Hot Point, Sunbeam, etc. Shipping weight 1 lb.

**M13270—Your Cost Each 25¢**  
Carton of 10 \$2.25

**Electric Heater Elements**



Best grade Resistance wire with standard base to fit all heaters.

**M13304—Cone Shape. Your Cost Each 25¢**  
Carton of 10 \$2.25

**M13305—Straight Type. Your Cost Each 29¢**  
Carton of 10 \$2.70

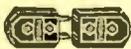
**Trio Plug**



Bakelite. Three outlets from 1 plug.

**M13282—Your Cost Each 6¢**  
Per Dozen 65c  
Carton of 25 \$1.25

**Midget Cord Connector**



Flat black connector with flat blades.

**M13276—Your Cost Each 19¢**  
Carton of 10 \$1.75

**Nickel Chrome Element**



600 watt spiral wound element. Exact size, no cutting necessary. Two diameters.

**M13317—3/8" dia. Your Cost Each 10¢**

**M13318—1/2" dia. Your Cost Each 10¢**

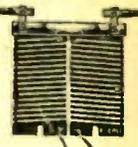
**Cigar Lighter Unit**



Replaces burned out elements. Converts regular sockets into lighters.

**M13286—Your Cost Each 12¢**  
Carton of 10 \$1.10

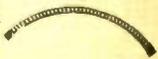
**Toaster Element**



Can be adjusted to fit many types of toasters.

**M13320—Your Cost 75¢**  
Carton of 10 \$6.50

**Flexible Fixture Arm**



Same as used on desk lamps etc.

**V18322—12" long. Your Cost Each 49¢**

## ATTACHMENT PLUGS

**Bakelite Attachment Caps**



Genuine Bakelite with sturdy prongs.

**M13306—Your Cost Each 3¢**  
Per dozen 28c

**Composition Caps**

**M13234—Your Cost Each 2¢**  
Per Dozen 20c

**Bakelite Handle Plug**



With handle prevents pulling out wires.

**M13281—Your Cost Each 4¢**  
Carton of 25 90c

**Fused Triple Outlet Plug**



Protects delicate instruments, appliances, etc. Prevents main fuses from blowing. Shpg. wt. 1 lb.

**M13249—Your Cost 20¢**

**M13246—Box of 4 fuses. Your Cost 10¢**

**Soft Rubber Handle Plug**



Handle plug made of soft rubber. Cannot crack or break. Best type to use for portable tools, vacuum cleaners, etc.

**M13301—Your Cost Each 5¢**  
Carton of 10 40c

**Bakelite Heater Plug**



Small and of exceedingly attractive appearance. Made of genuine brown bakelite.

**M13290—Your Cost Each 9¢**  
Carton of 10 80c

**Armored Heater Plug**



Cold moulded black composition. Heavy nickel-plated steel sleeve protects plug from breakage.

**M13291—Each 10¢**  
Carton of 10 85c

**Switch Plug**



Bakelite plug with built in switch and Kool Pull spring. Especially made for flat irons.

**M13314—Cost Each 22¢**  
Carton of 10 \$2.00

## Socket ATTACHMENTS

**Socket Extension**



Makes it possible to use Twin Lite sockets and taps under shades.

**M13267—Your Cost Each 8¢**  
Carton of 25 \$1.75

**Twin Lite Socket**



Genuine brown Bakelite. One piece construction.

**M13279—Your Cost Each 12¢**  
Carton of 10 \$1.00

**Bakelite Angle Socket**



Permits bulb to hang straight. Shade holder can be used.

**M13269—Cost Each 12¢**  
Carton of 10 \$1.00

**Pull Chain Angle Socket**



Same as above except that straight socket has pull chain.

**M13268—Cost Each 28¢**  
Carton of 10 \$2.50

**Current Tap**

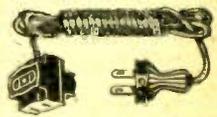


Straight socket combined with two cap outlets.

**M13278—Your Cost Each 12¢**  
Carton of 10 \$1.00

## CORD SETS

**Trio Tap Extension Cord**



Extension cord with bakelite handle cap and trio tap.

**M13293—6 ft. Each 27¢**  
**M13296—15 ft. Each 39¢**

**Trio-Tap**

Tap only, same as used on above cord.

**M13283—Each 10¢**  
Carton of 25 \$2.00

**Heater Cord Set**



Bakelite Plug and Cap. 6 foot Rayon covered heater cord.

**M13325—Your Cost Each 17¢**

**Armored Cord Set**

Same as above but with armored heater plug.

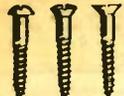
**M13326—Each 25¢**

**Switch Plug Set**

Heater cord set using the handle cap and Kool Pull Switch Plug as listed elsewhere on this page. The finest heater cord set made.

**M13316—Your Cost Each 33¢**

**Nickel Plated Brass Nuts, Screws and Washers**



**Wood Screws**

Stock No.	Size	Length	Doz.	Gr.
P14780	4	3/8"	5c	40c
P14781	6	3/8"	5c	50c
P14782	6	3/4"	6c	60c
P14783	6	1"	8c	60c

**Round Head**

Stock No.	Size	Length	Doz.	Gr.
P14790	4	3/8"	5c	40c
P14791	6	3/8"	5c	50c
P14792	6	3/4"	6c	60c
P14793	6	1"	8c	60c

**Oval Head**

Stock No.	Size	Length	Doz.	Gr.
P14796	4	3/8"	5c	40c
P14797	6	3/8"	5c	50c
P14798	6	3/4"	6c	60c
P14799	6	1"	8c	60c

**Flat Head**

Stock No.	Size	Length	Doz.	Gr.
P14755	4	3/8"	5c	42c
P14756	6	3/8"	5c	48c

**Machine Screws**

**6/32 Round Head**

Stock No.	Length	Doz.	Gross
P14750	3/8"	3c	32c
P14751	1/2"	4c	42c
P14752	3/4"	5c	55c
P14753	1"	6c	60c
P14754	1 1/4"	8c	70c

**8/32 Round Head**

Stock No.	Length	Doz.	Gross
P14760	3/8"	3c	32c
P14761	1/2"	4c	42c
P14762	3/4"	5c	55c
P14763	1"	6c	60c
P14764	1 1/4"	8c	70c

Stock No.	Length	Doz.	Gross
P14770	3/8"	3c	32c
P14771	1/2"	4c	42c
P14772	3/4"	5c	55c
P14773	1"	6c	60c
P14774	1 1/4"	8c	70c

Stock No.	Length	Doz.	Gross
P14775	3/8"	3c	32c
P14776	1/2"	4c	42c
P14777	3/4"	5c	55c
P14778	1"	6c	60c
P14779	1 1/4"	8c	70c

Stock No.	Length	Doz.	Gross
P14780	3/8"	3c	32c
P14781	1/2"	4c	42c
P14782	3/4"	5c	55c
P14783	1"	6c	60c
P14784	1 1/4"	8c	70c

Stock No.	Length	Doz.	Gross
P14785	3/8"	3c	32c
P14786	1/2"	4c	42c
P14787	3/4"	5c	55c
P14788	1"	6c	60c
P14789	1 1/4"	8c	70c

Stock No.	Length	Doz.	Gross
P14790	3/8"	3c	32c
P14791	1/2"	4c	42c
P14792	3/4"	5c	55c
P14793	1"	6c	60c
P14794	1 1/4"	8c	70c

Stock No.	Length	Doz.	Gross
P14795	3/8"	3c	32c
P14796	1/2"	4c	42c
P14797	3/4"	5c	55c
P14798	1"	6c	60c
P14799	1 1/4"	8c	70c

Stock No.	Length	Doz.	Gross
P14800	3/8"	3c	32c
P14801	1/2"	4c	42c
P14802	3/4"	5c	55c
P14803	1"	6c	60c
P14804	1 1/4"	8c	70c

Stock No.	Length	Doz.	Gross
P14805	3/8"	3c	32c
P14806	1/2"	4c	42c
P14807	3/4"	5c	55c
P14808	1"	6c	60c
P14809	1 1/4"	8c	70c

Stock No.	Length	Doz.	Gross
P14810	3/8"	3c	32c
P14811	1/2"	4c	42c
P14812	3/4"	5c	55c
P14813	1"	6c	60c
P14814	1 1/4"	8c	70c

Stock No.	Length	Doz.	Gross
P14815	3/8"	3c	32c
P14816	1/2"	4c	42c
P14817	3/4"	5c	55c
P14818	1"	6c	60c
P14819	1 1/4"	8c	70c

Stock No.	Length	Doz.	Gross
P14820	3/8"	3c	32c
P14821	1/2"	4c	42c
P14822	3/4"	5c	55c
P14823	1"	6c	60c
P14824	1 1/4"	8c	70c

Stock No.	Length	Doz.	Gross
P14825	3/8"	3c	32c
P14826	1/2"	4c	42c
P14827	3/4"	5c	55c
P14828	1"	6c	60c
P14829	1 1/4"	8c	70c

Stock No.	Length	Doz.	Gross
P14830	3/8"	3c	32c
P14831	1/2"	4c	42c
P14832	3/4"	5c	55c
P14833	1"	6c	60c
P14834	1 1/4"	8c	70c

Stock No.	Length	Doz.	Gross
P14835	3/8"	3c	32c
P14836	1/2"	4c	42c
P14837	3/4"	5c	55c
P14838	1"	6c	60c
P14839	1 1/4"	8c	70c

Stock No.	Length	Doz.	Gross
P14840	3/8"	3c	32c
P14841	1/2"	4c	42c
P14842	3/4"	5c	55c
P14843	1"	6c	60c
P14844	1 1/4"	8c	70c

Stock No.	Length	Doz.	Gross
P14845	3/8"	3c	32c
P14846	1/2"	4c	42c
P14847	3/4"	5c	55c
P14848	1"	6c	60c
P14849	1 1/4"	8c	70c

Stock No.	Length	Doz.	Gross
P14850	3/8"	3c	32c
P14851	1/2"	4c	42c
P14852	3/4"	5c	55c
P14853	1"	6c	60c
P14854	1 1/4"	8c	70c

Stock No.	Length	Doz.	Gross
P14855	3/8"	3c	32c
P14856	1/2"	4c	42c
P14857	3/4"	5c	55c
P14858	1"	6c	60c
P14859	1 1/4"	8c	70c

Stock No.	Length	Doz.	Gross
P14860	3/8"	3c	32c
P14861	1/2"	4c	42c
P14862	3/4"	5c	55c
P14863	1"	6c	60c
P14864	1 1/4"	8c	70c

Stock No.	Length	Doz.	Gross
P14865	3/8"	3c	32c
P14866	1/2"	4c	42c
P14867	3/4"	5c	55c
P14868	1"	6c	60c
P14869	1 1/4"	8c	70c

Stock No.	Length	Doz.	Gross
P14870	3/8"	3c	32c
P14871	1/2"	4c	42c
P14872	3/4"	5c	55c
P14873	1"	6c	60c
P14874	1 1/4"	8c	70c

Stock No.	Length	Doz.	Gross
P14875	3/8"	3c	32c
P14876	1/2"	4c	42c
P14877	3/4"	5c	55c
P14878	1"	6c	60c
P14879	1 1/4"	8c	70c

Stock No.	Length	Doz.	Gross
P14880	3/8"	3c	32c
P14881	1/2"	4c	42c
P14882	3/4"	5c	55c
P14883	1"	6c	60c
P14884	1 1/4"	8c	70c

Stock No.	Length	Doz.	Gross
P14885	3/8"	3c	32c
P14886	1/2"	4c	42c
P14887	3/4"	5c	55c
P14888	1"	6c	60c
P14889	1 1/4"	8c	70c

Stock No.	Length	Doz.	Gross
P14890	3/8"	3c	32c
P14891	1/2"	4c	42c
P14892	3/4"	5c	55c
P14893	1"	6c	60c
P14894	1 1/4"	8c	70c

**Radio Hardware**

**Upright Clip Mount**

H9812—  
Your Cost ..... 6c  
Each .....  
Per Dozen ..... 60c



**Rubber Grommet Type**

F6476—  
Your Cost ..... 8c  
Each .....  
Per Dozen ..... 85c

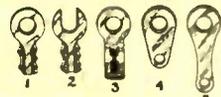
**Insulating Washers**



**Entruded Washer, Fibre**  
Stock No. O.D. I.D. Thick  
P15020 1" 3/4" 1/8"  
P15021 1 1/4" 1 1/8" 1/8"  
P15022 1 1/2" 1 1/4" 1/8"  
P15023 1 3/4" 1 1/2" 1/8"  
Either type, package of 10.  
Your Cost ..... 15c

**Flat Washer, Bakelite**  
Stock No. O.D. I.D. Thick  
P15030 1" 3/4" 1/8"  
P15031 1 1/4" 1 1/8" 1/8"  
P15032 1 1/2" 1 1/4" 1/8"  
Either type, package of 10.  
Your Cost ..... 9c

**Tinned Brass Lugs**



All have No. 8 hole which will fit either No. 6 or 8 screws. Shipping weight 6 oz.  
P14812—Style No. 1  
Per 100 .....  
P14813—Style No. 2  
Per 100 .....  
P14814—Style No. 3  
Solderless. Per 100 .....  
P14816—Style No. 4  
3/4" long. Per 100 .....  
P14818—Style No. 6  
1/2" long. Per 100 .....  
Your Cost Each ..... 19c

**National S. G. Clip**



Makes a positive grip on tube cap.  
N14434—5c  
Each .....  
12 for ..... 54c

**Screen-Grid Clip**



Manufacturers type. Brass, tinned for easy soldering. Shipping weight 6 ozs.  
P14827—Per Dozen ..... 12c  
Per Gross ..... \$1.25

**Self Tapping Machine Screws**

Used in practically all sets made today. Save time and labor in building your own receiver. Drill a hole and drive them in. No tapping of holes necessary.

**HEXAGON HEAD**

Stock No.	Size	Length	Dz.	Gr.
P14650	4	3/8"	\$0.75	\$0.75
P14651	6	3/8"	.07	.75
P14652	6	1/2"	.07	.75
P14653	6	3/4"	.07	.75
P14654	6	1"	.08	.90
P14655	6	1 1/4"	.08	.90
P14656	8	3/8"	.08	.90
P14657	8	1/2"	.08	.90
P14658	8	3/4"	.08	.90
P14659	8	1"	.09	1.00
P14660	8	1 1/4"	.10	1.10
P14661	10	3/8"	.09	1.00
P14662	10	1/2"	.09	1.00
P14663	10	3/4"	.10	1.10
P14664	10	1"	.12	1.30

**Angle Brackets**

# These Prices Tell Their Own Story!

## Majic Electric Pencil



**Writes Electrically Like Embossing**

Writes in beautiful colors: Gold, silver, copper, blue, green, purple, on leather, cloth, silk, paper, wood, celluloid, rubber, bakelite, etc. Very simple to use. A piece of prepared foil is placed on top of the article to be written on and the Electrite Pencil guided slowly and steadily like an ordinary pencil over the foil. Plugs into any 110 volt line. Comes complete with eight sheets of assorted foil. Pencil is sturdily built. Cannot overheat and handle stays cool. Shpg. wt. 2 lbs.

**P15157—Your Cost..... 90¢**

## Majic Pyrorite Pencil

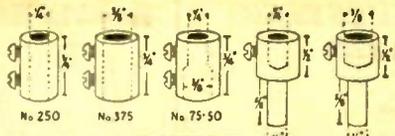


**Burns Electrically Like Engraving**

**Writes Like a Pencil**

Enables you to write names, draw diagrams, monograms, emblems, etc. on wood, leather, rubber and like materials. Simple to use, anyone who can write with a pencil can use this tool. Built durably so that it can be used continuously in factory or home. Excellent for recreational use to decorate woodenware, cabinets, signs or for identifying athletic equipment, tools, etc. Just plug it into any 110 volt line. Heat adjusts itself. Absolutely no danger. Shpg. wt. 2 lbs.

**P15158—Your Cost..... \$1.20**



## Shaft Couplings and Extenders

For mounting two or more condensers, rheostats or switches. Extenders for lengthening shafts of same.

- P15000**— $\frac{1}{4}$ " shaft coupling. **15¢**
- P15001**— $\frac{3}{8}$ " shaft coupling. **15¢**
- P15002**— $\frac{1}{2}$ " x  $\frac{3}{8}$ " shaft coupling. **15¢**
- P15003**— $\frac{1}{2}$ " x  $\frac{3}{8}$ " shaft extender. **15¢**
- Your Cost Each**..... **10¢**
- P15010**—6" length brass shafting **15¢**
- P15011**—6" length fibre shafting **15¢**
- Your Cost**..... **10¢**
- Each**..... **80¢**
- 10 for**..... **80¢**
- P15012**—12" length brass shafting **15¢**
- P15013**—12" length fibre shafting **15¢**
- Your Cost**..... **15¢**
- Each**..... **15¢**
- 10 for**..... **\$1.10**

## Insulating Shaft Couplings

- P15014**— $\frac{1}{4}$ " shaft coupling **15¢**
- P15015**— $\frac{3}{8}$ " shaft coupling **15¢**
- P15016**— $\frac{1}{2}$ " x  $\frac{3}{8}$ " shaft coupling **15¢**
- Your Cost**..... **15¢**
- Each**..... **15¢**
- P15017**— $\frac{1}{4}$ " x  $\frac{1}{4}$ " reducer **15¢**
- P15018**— $\frac{3}{8}$ " x  $\frac{1}{4}$ " reducer **15¢**
- P15019**— $\frac{1}{2}$ " x  $\frac{3}{8}$ " reducer **15¢**
- 10 for**..... **\$1.10**

## JACKSON Immersion Heater



A handy method of quickly heating enough water for shaving, washing dishes, etc. Fill bowl with amount of water you need—insert heater and turn on current. As soon as water is hot turn off current and remove heater. Economical to use. Shpg. wt. 3 lbs.

**P15120—Jackson Immersion Heater 95¢**

**Your Cost.....**

## MAJOR Hot Water Heater

Hot water from your cold water faucet—instantly. Slip on to faucet—push plug into wall and you have hot water whenever you need it. Works instantly—no need to wait. An excellent method of obtaining hot water at your camp, etc. Shpg. wt. 3 lbs.

**P15130—Your Cost..... \$2.95**



## Trutest DE LUXE Electric Soldering Irons

Trutest De Luxe soldering irons are made to withstand continuous use. Attractive in appearance with black removable handle and highly polished nickle plated tube. Element of finest grade Tophet wire wound on a steel core with amber mica insulation. Tip is of high grade copper rod that does not pit easily. Equipped with six feet of approved heater cord. Shpg. wt. 3 lbs.

**P15180—75 watt 110 volt 1.95**

**Your Cost..... 75¢**

**For 220 volt add 20¢**

**P15181—Extra copper tips for above iron 20¢**

**Your Cost Each..... 20¢**

**P15182—100 watt 110 volt 2.75**

**Your Cost..... 90¢**

**For 220 volt add 45¢**

**P15183—Extra copper tips for above iron 45¢**

**Your Cost Each..... 45¢**

**P15184—150 watt 110 volt 4.25**

**Your Cost..... \$1.25**

**For 220 volt add 45¢**

**P15185—Extra copper tips for above iron 45¢**

**Your Cost Each..... 45¢**

## ESICO "Midget"

The finest 65 watt iron on the market. Accurately machined tip which perfectly fits the heating element. Tip removable. Fine grade A Nichrome element enclosed in heavy gun metal steel case. Element removable. Hardwood handle, walnut finished and varnished. Complete with cord and plug. Shipping weight 2 lbs.

**P14848—Your Cost..... \$1.30**

## ESICO "Constant Duty"

These irons heat quickly and are built for continuous use. They maintain a constant even temperature that enables you to solder steadily and efficiently. Replaceable elements are wound with grade A Nickel Chrome resistance wire and are insulated with the best amber mica obtainable. Heavy steel case and anti-heat handle. Shpg. wt. 3 lbs.

**P15190—Your Cost \$3.75**

**100 watt 110 volt \$3.75**

**P15191—Your Cost \$5.25**

**130 watt 110 volt \$5.25**

## ESICO "Junior"

A beautiful craftsman's tool. Perfect fitting replaceable tips. Grade "A" Nichrome resistance wire heating element, wound on lava insulation and encased in blue steel one piece case. Very quick heating. Maintains constant and even temperature. Handle will never get hot. A quality tool built for years of service. Shpg. wt. 2 lbs.

**P14854—85 watts, 110 volts. 1.90**

## ESICO "Junior"

Unquestionably the finest low priced Electric Soldering Iron on the market. The heating element is of finest Nichrome wire and is constructed in identically the same manner as most high-priced irons. This tool has two tips of different sizes which makes it especially suitable for the radio man's requirements. Polished steel shank, brass ferrule, black wood handle and full length cord and plug. Consumes 55 watts. Shipping weight 3 lbs.

**P14849—Our Special Price. 79¢**

## JACKSON Electric Soldering Irons

This is a full size soldering iron. 11" in length. Black enamel handle and nickel plated metal case. Removable tip  $\frac{1}{8}$ " in diameter. 50 watt iron. Shipping weight 2 lbs.

**P14850—List \$1.25 65¢**

**Your Cost..... 65¢**



A 75 watt soldering iron of exceptional value. Length of iron 12" with  $\frac{1}{8}$ " removable tip. Nickel plated case and black enamel handle. Shipping weight 2 lbs.

**P14851—List \$2.50 \$1.15**

**Your Cost..... \$1.15**



## Heavy Duty Irons

Extra heavy irons designed especially for industrial or shop use. Heating element and all parts are renewable. Tip removable. Metal parts nickel plated. Extra large handle. Shipping weight 2 lbs.

**75 Watt P14874—List \$2.75 \$1.45**

**Your Cost..... \$1.45**

**100 Watt P14853—List \$3.75 \$1.95**

**Your Cost..... \$1.95**



## 220-Volt Irons

This thoroughly reliable 75 watt iron designed for use on 220 volt A. C. Element is wound on amber with mica and steel core. Metal parts are nickel plated. Extra large black enameled handle. Complete with heavy duty cord and plug. Shipping weight 2 lbs.

**P14852—List \$3.00 \$1.50**

**Your Cost Each..... \$1.50**

## Extra Copper Tips

- P15175—Tip for our No. P14874 20¢**
- Your Cost Each..... 20¢**
- P15176—Tip for our No. P14853 28¢**
- Your Cost Each..... 28¢**
- P15177—Tip for our No. P14851 20¢**
- Your Cost Each..... 20¢**
- P15178—Tip for our No. P14852 20¢**
- Your Cost Each..... 20¢**

## "Our Special"



Unquestionably the finest low priced Electric Soldering Iron on the market. The heating element is of finest Nichrome wire and is constructed in identically the same manner as most high-priced irons. This tool has two tips of different sizes which makes it especially suitable for the radio man's requirements. Polished steel shank, brass ferrule, black wood handle and full length cord and plug. Consumes 55 watts. Shipping weight 3 lbs.

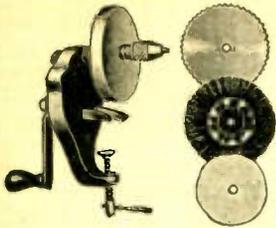
**P14849—Our Special Price. 79¢**

**We Will Not Knowingly Be Undersold**



# TOOLS and HARDWARE

## Combination Bench Outfit

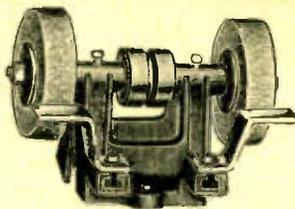


A complete clamp-to-bench outfit with a 10 to 1 gear ratio consisting of a grinding wheel 4" in diameter and 1/2" wide, steel chuck for twist drills up to 1/4", 4" circular saw, 4" buffing wheel and wire brush. Vise handle bench clamp fits tables up to 1 1/4" thick. Adjustable steel polishing and grinding guide. Two-inch spindle bearing with oil fitting on top. Body is finished in attractive red enamel. All working parts are polished. This outfit has a great number of uses around the home and workshop. Sharpens knives, tools, etc., drills holes in wood, metal, fibre, bakelite; saws wood, bakelite, fibre, etc., and polishes silverware, or any metal, wood or similar material. Shpg. wt. 8 lbs.

P14744—List \$4.00  
Your Cost

**\$2.15**

## Double Bench Grinder

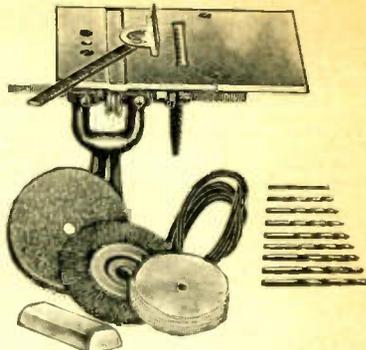


Red enamel finished frame with 3 mounting holes. 1 3/4" bearings. Spring cover oil cups. 1/2" shaft 8 1/4" long. 4" wheels, 1" wide. For round or flat belts. Shpg. wt. 10 lbs.

P14738—List \$5.00  
Your Cost

**\$2.69**

## 17 Piece Polishing Head Outfit



Set consists of a polishing head with 3 jaw chuck holding drills up to 1/4", 4" circular saw, saw table complete with guide, size 8x8", 5 ft. of round belt, buffing compound, 4" wire brush, 3" cotton buffer, 1/2"x4" grinding wheel and set of 9 twist drills, size 1/4 to 3/8". Polishing head has two speed pulleys. An ideal small outfit for home shop or garage. No one who works with tools should be without this set. Shpg. wt., 8 lbs.

P14746—List \$6.50  
Your Cost Complete

**\$3.25**

## Bench Grinder



Will fit any bench up to 1 1/2" thick. Grinding wheel 4" in diameter, 1" wide. Adjustable grinding guide. Dirt-proof gear case and extra long bearings. Shpg. wt. 6 lbs.

P14729—List \$2.00  
Your Cost

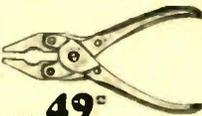
**95¢**

## Genuine BERNARD Pliers

High powered side cutting pliers with open throat. Can also be used as gas pliers. Length 5 1/2". Shipping weight 1 lb.

P14960—Your Cost

**49¢**

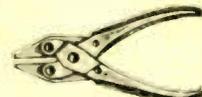


Parallel jaw pliers. Inside jaws are corrugated with a center groove to hold all round objects, such as drills, brads, screws, etc. Shipping weight 1 lb.

P14961—Length 5"

Your Cost

**49¢**

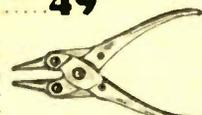


These round nose pliers are very handy for forming loops in wire, bus bar and light metal. Shipping weight 1 lb.

P14963—Length 5"

Your Cost

**49¢**



P14964—Length 6"

Your Cost

**49¢**



## Parallel Action Cutting Pliers

A high grade nickel plated, parallel action Plier with external cutting jaw. Great leverage arrangement permits cutting of hard wire with comparatively little pressure. Length 5". Shipping weight 1 lb.

P14894—Your Cost Each

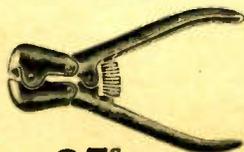
**69¢**

## End Cutting Nippers

A very fine tool especially built to cut wire; small screws and nails, in tight places. Hardened jaws. Very essential in every kit. Shipping weight 1 lb.

P15077—Your Cost Each

**37¢**



## Genuine Pliers



You owe it to yourself to own at least two good pairs of pliers. Krauter pliers have been acknowledged for years as being the finest pliers made. The quality will be remembered long after the price has been forgotten. Shpg. wt. each 1 lb.

### Diagonal Cutting

Cutting jaws of this plier come together perfectly. "They cut the insulation as well as the wire." Length 5 1/2".

P14944—Your Cost

**\$1.20**

### Long Nose

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.

P14945—6" long.

Your Cost

**\$1.05**

## KRAUTER Lineman's Pliers

Of special alloy a steel-drop forged. These are made to meet the demand for a lineman's plier surpassing any other ever produced. It is perfect in finish, workmanship and material. Length 8 1/2". Shipping weight 2 lbs.

P15075—Your Cost

**\$2.95**

## KRAUTER Long Fine Needle Nose Pliers

Furnished with an extra long finely tempered nose, for reaching into difficult places. Length 6". Shipping weight 1 lb.

P15076—Your Cost

**\$1.25**



## PEXTO Lineman Pliers

A very heavy tool, hardened jaws and cutters. Length 8". Shipping weight 2 lbs.

P14959—Your Cost

**75¢**



## Crescent 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.

P15131—

Your Cost

**75¢**



## Nickel Thin Nose Pliers

A special nickel plier with long nose. 6 1/2" long. Shpg. wt. 3 lbs.

P15129—Your Cost

**29¢**



## Lineman's Pliers

A sturdy heavy tool. Sharp cutters with strong handles.

6 1/2" long. Shpg. wt. 3 lbs.

P15128—Your Cost

**35¢**



## Diagonal Cutting Pliers

A very popular plier with all servicemen. Sharp cutters. 5 3/4" long. Shpg. wt. 3 lbs.

P15127—

Your Cost

**35¢**



## Nickel Radio Pliers

A handy all-around plier, neatly made. Shpg. wt. 3 lbs. 6" long.

P15132—Your Cost

**33¢**



# for MECHANICS and SERVICEMEN



## Coping Saw Frame

### Adjustable Handle



Easily adjusted to face blade any desired direction. Tightened and locked at any angle by turning handle. With one blade. Shpg. wt. 3 lbs.

**P15091—Your Cost** ..... **33¢**

**Steel Coping Saw Blades** two pin ends fits above; also standard frames. Shpg. wt. 2 lbs.

**P15092—Your Cost per Dozen** ..... **15¢**

Nickel plated steel wire coping saw frame. Complete with blade. Shpg. wt. 2 lbs.

**P15113—Your Cost** ..... **9¢**

Extra loop blades for above. Shpg. wt. 2 lbs.

**P15139—Your Cost per Dozen** ..... **9¢**

### Close-Cut Hack Saw



Fits where ordinary hack saws cannot be used. Frame contains a special design wave set, 10" blade. Broken Hack Saw Blades may also be used. Shipping weight 2 lbs.

**P15093—Your Cost** ..... **59¢**

Extra Blades for above. **30¢**

**P15094—Your Cost for Three** ..... **30¢**

### "Tom Thumb" Hack Saw Frame



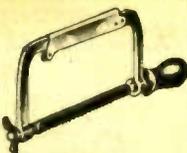
For sawing in "tight" corners this frame cannot be excelled. Complete with blade. Shpg. wt. 3 lbs.

**P15136—Your Cost** ..... **20¢**

## Hack Saws

Adjustable frame for 8 to 10" blades. Frame constructed of nickel plate. Black hardwood handle. Complete with one 8" blade. Shipping weight 2 lbs.

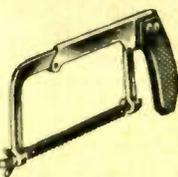
**P14934—Your Cost** ..... **29¢**



### Pistol Grip

A real bargain at our price. American made. Strong, adjustable to take 8, 10 or 12" blades. Enameled wood handle. Complete with one 8" blade. Shpg. wt. 2 1/4 lbs.

**P14995—Your Cost** ..... **49¢**



## Hack Saw Blades

Made of Tungsteel. Strictly first quality. Very flexible. Fast cutting and long lived. Fully guaranteed. Shipping weight 1 lb.

**P14965—8"** ..... **39¢**

**Your Cost per Dozen** ..... **39¢**

**P14966—10"** ..... **49¢**

**Your Cost per Dozen** ..... **49¢**

**P14967—12"** ..... **59¢**

**Your Cost per Dozen** ..... **59¢**

### Pistol Grip Hack Saw Frame

Pistol Grip handle made of rubber. A very strong frame that is adjustable to various size blades. Complete with 8" blade. Shpg. wt. 2 1/4 lbs.

**P15137—Your Cost** ..... **89¢**



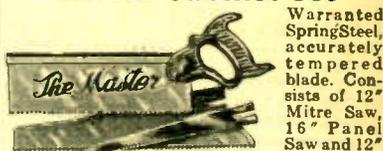
## Whirlwind Hand Saw



These saws are warranted to be of high grade spring steel; accurately tempered. A tool of real merit. When buying a Whirlwind Quality Saw you can feel sure that you are getting finest materials and workmanship. Neatly etched, set and filed ready for use. Hardwood varnished handle. Size 26" 8 point. Shipping weight 4 lbs.

**P15072—Your Cost** ..... **95¢**

## Master Cabinet Set



Warranted Spring Steel, accurately tempered blade. Consists of 12" Mitre Saw, 16" Panel Saw and 12" metal cutting compass saw. With interchangeable handle of hardwood. Shipping weight 5 lbs.

**P15069—Your Cost Each** ..... **95¢**

..... **95¢**

..... **95¢**

..... **95¢**

..... **95¢**

..... **95¢**

### Mitre or Back Saw

High quality, spring steel, accurately tempered blade with polished hardwood handle formed to fit the hand. 12" long. Shpg. wt. 3 lbs.

**P15138—Your Cost** ..... **69¢**



## Yankee Radio Tool Set No. 106



This combined Tool Set No. 105 and Radio Drill No. 1431 is especially designed for radio work. A beautifully balanced, small, powerful drill, with a 4 to 1 ratio of gears for speed. Special Radio Chuck 1/2" capacity, length 9/16". It makes a complete set of all Yankee Radio Tools. With this combination tool set, of the ratchet screw driver and blades, with the Radio Drill, all radio mechanical work can be taken care of, such as driving and withdrawing screws, reaming, nut run-ups, drilling, etc. The handsome mahogany finished tool chest in which it comes, has compartments for each tool, so all may be handily kept in order, when not in use. Packed one in cardboard box. Shipping weight 5 lbs.

**P15025—Your Cost** ..... **\$7.45**

..... **\$7.45**

## Radio Tool Set



A practical Tool Kit designed especially to facilitate service work on the bench or in the field. Good tools save time and money.

Contains ten practical tools which are in most general use 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. Packed in attractive box. Shipping weight 2 lbs. List \$3.00

**P14908—Your Cost** ..... **\$2.25**



## Bench Vise

A very serviceable vise for the Radio man. Good steel, carefully machined. Finished in red enamel with highly polished jaws and handle. Accurately cut spindle thread. Will clamp to board or bench up to 2" thick. Has anvil behind jaw. Made in two sizes.

**P14727—Jaws, 2 1/2" wide. Shipping weight 7 lbs. List \$2.00**

**Your Cost** ..... **95¢**

..... **95¢**

..... **95¢**

..... **95¢**

..... **95¢**

..... **95¢**

..... **95¢**

..... **95¢**

..... **95¢**

..... **95¢**

..... **95¢**

..... **95¢**

..... **95¢**

..... **95¢**

..... **95¢**

..... **95¢**

..... **95¢**

..... **95¢**

..... **95¢**

..... **95¢**

..... **95¢**

..... **95¢**

..... **95¢**

..... **95¢**

..... **95¢**

## Yankee Radio Tool Set No. 105

Set contains 1 No. 230 Ratchet Screw Driver (6 1/4" overall) right and left hand and rigid. Blades 5 1/2 x 1/4" for long reach, between wires, etc. Blades 3 1/2 x 1/8" for small screws on dials. Blades 2 1/2 x 1/4" for heavy screws, aerial work, etc. Counter-sink, for counter-sinking heads of screws. Sockets (two) 1/4" and 3/8" hex with 4" shank. Cover all small nuts. Reamer for enlarging holes in panel, 1/4" to 1/2". Wrench, one end 3/8" for square or hex., the other 1/2" hex. for jacks, etc. Wire Bender for making loops and bending wire. It takes care of all screws; reams and countersinks; runs up nuts, bends and loops wire, and has wrench for jacks and 3/8" hex. or square nuts. A touch on shifter gives right and left ratchet and rigid. Packed one set in box. Shipping weight 1 lb.

**P15026—Your Cost for Complete Set** ..... **\$2.95**

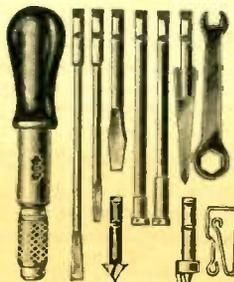
..... **\$2.95**

..... **\$2.95**

..... **\$2.95**

..... **\$2.95**

..... **\$2.95**



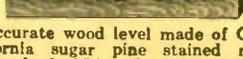
### "Sands" Handy Wood Plumb and Level



Extra fine quality plumb and level made of solid mahogany. Brass top sight and end plumb. 12" long. Shpg. wt. 3 lbs.

**P15134—Your Cost** ..... **39¢**

### "Sands" Handy Wood Level



Accurate wood level made of California sugar pine stained red. Standard 12" length with brass top sight. Shpg. wt. 3 lbs.

**P15133—Your Cost** ..... **15¢**

..... **15¢**

..... **15¢**

### Swivel Vise

Different swivel positions are easily 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 1/2", and have double steel guide rods. Fitted with adjustable clamp. Base finished in Black Japan, and body with Red Baked Enamel. Width of jaws 2 1/2". Shipping weight 7 lbs.

**P15135—List \$2.75**

**Your Cost** ..... **\$1.25**

..... **\$1.25**

..... **\$1.25**



**We Will Not Knowingly Be Undersold**



# QUALITY TOOLS and

**Holds, Starts, Sets any Size Screw**



**Tool Steel Blade Long Maple Handle**

The most practical Screw Driver ever developed. Has gripper which automatically stays at any point on shank. May be used as screw gripping screw driver to drive screws in difficult places or as ordinary screw driver. Specially tempered blade, of tool steel, is of the slender type. Hard maple handle. Shpg. wt. 1 lb.

- P15104—Blade 1 1/4" **24¢**
- Your Cost .....
- P14721—Blade 4x1/2". List 50c **33¢**
- Your Cost Each .....
- P14722—Blade 10x1/2". List 60c **39¢**
- Your Cost Each .....

## Radio Screw Drivers

Assortment of three different sizes



One dozen Screw Drivers put up on counter display card in equally assorted blade lengths of 1", 2" and 3". Black handle with nickel plated blade and ferrule. Blade is carefully hardened and tempered. Shipping weight 2 lbs.

- P14740—Per Card of 12. List \$1.20 **49¢**
- Your Cost .....
- P14741—Set of 3, Assorted sizes. Shipping weight 8 ozs. List 30c **15¢**
- Your Cost .....

## Screw Holding Screw Driver



This Screw Driver is a necessity for every one who uses tools. For use in inaccessible places where the ordinary screw driver cannot be used effectively in inserting or extracting screws. Made of tempered tool steel. Some of its advantages are: It holds screw tight while using; prevents loss of screw; indispensable in assembling and is the only screw driver having the automatic release. Handle is insulated, enabling it to be used safely in electrical work. Grippers are of blued spring steel. Shipping weight 2 lbs.

- P15061—8" long **75¢**
- Your Cost .....
- P15062—10" long **95¢**
- Your Cost .....



## Service Screw Driver

A low priced and very popular Screw Driver, with polished blade and attractively finished red handle fastened with bead lock. Blade of forged steel. Shipping weight 1 lb.

- P15056—Blade 3" **10¢**
- P15055—Blade 5" **10¢**
- Your Cost .....
- Either Type .....

## Electrician's Screw Driver



Simply constructed, but strong and durable. This is an exceptionally good screw driver for the price quoted. Slender polished blade with forged point, hardened and tempered. Nickel plated ferrule; Electrician's style handle; length of blade 6". Shipping weight 1 lb.

- P15059 **12¢**
- Your Cost Each .....
- Per Dozen.....\$1.25

## Shockless Screw Driver



A popular priced insulated handle Screw Driver for electrical, household and automotive work. Handle and Ferrule are moulded in one piece of Black and Red Composition. Blade is nickel plated and has straight side point. 6" long. Shipping weight 1 lb.

- P15060 **10¢**
- Your Cost .....
- Per Dozen.....\$1.10

## JAMES SWAN Auger Bits



Of highest quality steel. Bore fast and clean without binding. Double cutters, deep spur. Six bits to set. Sizes: 1/8", 3/16", 1/4", 5/16", 3/8" and 1/2". Wood box. Shpg. wt. 3 lbs.

- P14737— **\$1.85**
- Your Cost .....

## Tinner's Snips



Finest grade drop forged shears. 10" long with polished blades and red enameled handles. Shpg. wt. 2 lbs.

- P15118— **45¢**
- Your Cost .....

## RADIO SOCKET WRENCHES

All Steel Set



This set will stand the hardest usage. Five interchangeable sockets: 1/4", 3/8", 1/2" and screw driver bit. Cadmium plated. Knurled handle. Sockets easy to remove, yet will not loosen while working. Shipping weight 1 lb.

- P14749— **45¢**
- Your Cost .....

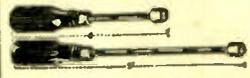
Goodell-Pratt



Set consists of handle with polished steel part and mahogany finished grip, 3 hex. sockets, size 3/8", 1/2" and 5/8"; and a four jaw socket for handling knurled nuts. Metal parts of case hardened steel. Sockets slip on easily and are held firm by means of an improved catch. Shipping weight 1 lb.

- P15049— **75¢**
- Your Cost Per Set .....

## SPIN TYPE Socket Wrenches with Short and Long Shanks



These socket wrenches are made with a ribbed wooden handle, the shank is cadmium plated, hardened for durability and service. Has a deep hollow hole in the end of the socket, and will take a long screw, any size up to a No. 10. Made in two sizes, 6" and 9", the long shank for use where ordinary socket wrenches do not reach. Shipping weight 1 lb.

- P15051—For 1/4" hex. nuts **12¢**
- P15053—For 3/8" hex. nuts **12¢**
- P15052—For 1/2" hex. nuts **12¢**
- P15054—For 5/8" hex. nuts **12¢**
- Your Cost .....
- Either Type .....
- P15050— **42¢**
- For set of 4 .....

## INDESTRO Socket Wrench Set

Strongly made wrench set neatly finished in bright cadmium with black wood handle. Complete with five hexagon sockets,

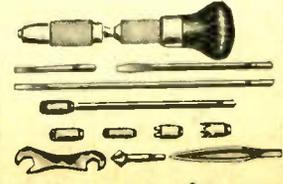


one round nut socket and screw driver socket. Shpg. wt. 1 lb.

- P15111— **59¢**
- Your Cost .....

## GOODELL-PRATT Radio Tool Set

A very high quality set of tools for the radio man. Every tool finely finished and thoroughly dependable. Set consists of: A ratchet tool holder that may be adjusted for either right or left hand motion by a quarter turn of knurled collar, 3 screw driver blades, sizes 3 1/2 x 1/4", 4 1/2 x 1/4" and 2 x 1/4"; one 6" shank for holding sockets, three hex sockets—3/8", 1/2" and 5/8"; one wire bender for bus wire, one reamer and one double end hex wrench. Shipping weight 1 1/2 lbs.



P14995— **\$2.95**- Your Cost Complete .....

## Cold Chisel and Punch Set



High grade tool steel correctly hardened and tempered. Set consists of one 3/4" and one 5/8" cold chisels, two punches and one center punch. Shpg. wt. 2 lbs.

- P15125—Your Cost .....

## GOODELL-PRATT Radio Screw Driver



Long slender blade especially suitable for radio work. Small end so as to fit set screws in radio knobs. Hammer forged blade, nickel ferrule. Hardwood handle. 3" blade. Shpg. wt. 8 ozs.

- P14949—Your Cost Each **29¢**

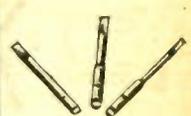
## GOODELL-PRATT Ratchet Screw Driver



Can be used as automatic Screw Driver or the ratchet can be locked, for use as plain screw driver. The handle is lacquered hardwood, polished steel parts. Supplied with two interchangeable blades, hardened, tempered and polished. Length, closed without blade, 9 1/2". Shipping weight 2 lbs.

- P14720—Your Cost Each **85¢**

## Screw Driver Bits



Made of high grade tool steel hardened and tempered against bending.

Round shank for 1/2" chucks. 3 blades to set: 3/32", 1/8", 1/4". Shpg. wt. 8 ozs.

- P14946—Your Cost .....

## Countersinks



Made of finest quality tool steel hardened and tempered. (\*) Round shank, others square shank. Shipping weight 8 ozs.

Stock No.	Dia. Cut	Your Cost Each
P14916	1/2"	<b>18¢</b>
P14917	3/8"	
P14918	5/16"	
P14919	3/16"	

## 3/8" Black Enameled Cold Chisel



Made of high grade steel properly hardened. Shpg. wt. 2 lbs.

- P15126—Your Cost .....

# HARDWARE for Every Purpose

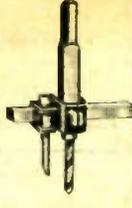


## Adjustable Circle Cutters



P14717

Designed for cutting holes of 1 to 4" in Bakelite, Hard Rubber, Sheet Iron, Brass, Tin, Wood, Linoleum, Beaver Board, etc. A real tool for the radio mechanic, carpenter, automobile mechanic, and plumber. Used in a breast drill, hand brace or machine. Best quality tempered tool steel, highly polished. Will not creep. Ideal for cutting socket and meter holes, etc.



P14718

No. 1. Adjustable Circle Cutter, with a beading cutter attached. Shipping weight 6 lbs. **\$1.95**  
**P14717—Your Cost**.....  
 No. 2. Adjustable Circle Cutter only. Shipping weight 5 lbs. **\$1.19**  
**P14718—Your Cost**.....  
**EXTRA CUTTER**, for above tools. Shipping weight 1 lb. **25c**  
**P14716—Your Cost Each**.....

## Hand Brace Drill Chuck

This brace drill chuck has hardened jaws, and is finished in white nickel. Capacity 0 to 1/2" dia. drills. Shipping weight 3 lbs.



**29c**

**P14713—Your Cost**.....

## Bench Plane



Adjustable, smooth bottom, with double steel irons. Handles and Knobs of polished selected Hardwood. Has polished sides. 9" long, 2" blade. Shipping weight 6 lbs.

**P15099—Your Cost**..... **\$1.39**  
**P15121—With corrugated bottom. Your Cost**..... **\$1.50**  
 Same as P15099 but 8" long. **P15122—Your Cost**..... **\$1.15**

## Block Plane



A 7" plane with a hardened and tempered steel blade 1 1/2" wide. Adjustable cutter. An excellent value. Shpg. wt. 3 lbs.

**P14730—List \$1.25**

**Your Cost**..... **55c**

## Expansive Bits



A fine quality expansive bit made by C. E. Jennings & Co. Clark Pattern, complete with two cutters. Full polished. Highly finished. Guaranteed. Shpg. wt. 1 lb.

**P15116—1/2 to 2". Your Cost**..... **95c**

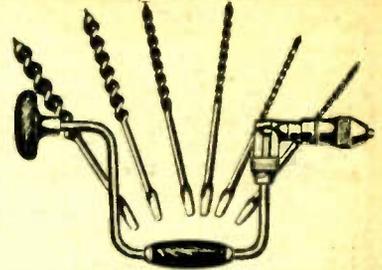
**P15117—3/8 to 3". Your Cost**..... **\$1.09**

## Jack Planes

Similar in appearance to above planes but 14" long. Shpg. wt. 9 lbs.

**P15119—Smooth bottom. Your Cost**..... **\$1.65**  
 Same with corrugated bottom. **P15124—Your Cost**..... **\$1.85**

## Ratchet Brace and Bit Outfit



Steel brace fully nickel plated with wood knob and handle, finished in mahogany. Has 10" sweep, round knurled alligator jaw chuck with spring. Equipped with ring ratchet adjustment. Complete set of 6 James Swan auger bits in a convenient wooden box with slide cover. Finest quality steel bits in the following sizes: 1/8", 3/16", 1/4", 5/16", 3/8" and 1/2". Ratchet brace with above set of bits. Shipping weight 6 lbs.

**P14735—List \$4.75**

**Your Cost**..... **\$2.95**

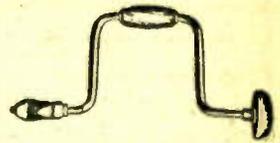
Ratchet brace only. Shipping weight 4 lbs. **P14736—List \$2.00**

**Your Cost**..... **\$1.25**

James Swan Auger Bits, set of six different sizes as listed above in wood box. Shpg. wt. 3 lbs. **P14737—Your Cost**..... **\$1.85**

## Economy Brace

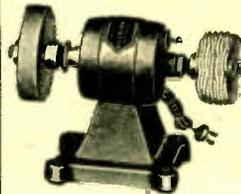
Although this item is inexpensive, it is made to withstand hard usage over a long period of time. A worth while addition to any tool kit you may now be using. This is an exceptional value in a well made brace. Round knurled alligator chuck, with heavy spring. Wooden knob and handle, finished in mahogany. All steel parts fully polished. Has 10" sweep. Shipping weight 3 lbs.



**P14739—List \$1.00**

**Your Cost**..... **55c**

## Motor-Driven Buffer and Grinder



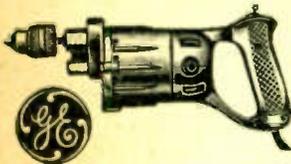
Not a toy, but a real electric motor driven buffer and grinder for the workshop with a pulley on each end of motor shaft for driving other apparatus. High speed 1/50 h. p. motor, revolves 5000 R. P. M. On and off toggle switch on end of motor. Does work in a few minutes that otherwise would take several hours. Grinds, sharpens, polishes and drives other tools. Mounted on a strong cast base with four mounting holes. Complete with high grade grinding wheel, buffer and two pulleys. Equipped with durable cord

and attachment plug. Shpg. wt. 9 lbs.

**P14872—List \$12.00**

**Your Cost**..... **\$6.95**

## G. M. Co. Electric Hand Drill



A sturdy 1/2" 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 cable and plug. This tool will stand the "gaff" of heavy use and should not be confused with cheap, light hand drills. Radio Servicemen will find this drill of great value when mounting chassis in cabinets, building amplifiers, etc. Weight has been properly distributed for correct balance so that drill is easy to handle when drilling in tight corners or difficult positions. Shipping weight 10 lbs.

**P14726—List \$25.00**

**Your Cost Each**..... **\$14.85**

with 9 ft. of heavy rubber-covered stand the "gaff" of heavy use and should not be confused with cheap, light hand drills. Radio Servicemen will find this drill of great value when mounting chassis in cabinets, building amplifiers, etc. Weight has been properly distributed for correct balance so that drill is easy to handle when drilling in tight corners or difficult positions. Shipping weight 10 lbs.

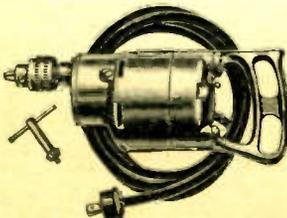
**P14726—List \$25.00**

**Your Cost Each**..... **\$14.85**

## SIGNAL Portable Electric Drill

A high grade light duty drill for industrial plants, repair shops, etc. Universal A. C.-D. C. 110 volt motor, with bronze bearings. Body and handle of cast aluminum. Special heat treated alloy gears. Trouble free make and break switch. Three jaw chuck with a capacity up to 1/2". Furnished with 8 ft. heavy duty rubber covered cord with rubber plug and key. Overall length 11 1/4", diameter 4". Shpg. wt. 9 lbs.

**P14733—Your Cost**..... **\$11.90**



**\$11.90**

## G. M. Co. Hand Drills



Finely machined hand drills with 1/2" hardened chuck jaws. Accurately meshed gears. Polished hollow handle for storing drills. A much needed tool on the radio work bench. Shpg. wt. 2 lbs.

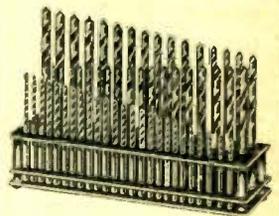
**P14723—With side knob. List \$2.00**

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

**P14724—Without side knob. List \$1.50**

**Your Cost**..... **65c**

## Carbon Twist Drills



Used in hand, automatic or breast drills. Set of 60; wire gauge sizes; with wire gauge drill block. Shpg. wt. 9 lbs.

**P14706—Your Cost**..... **\$2.69**

Set of 1 to 60 Drills only. Shpg. wt. 3 lbs.

**P14707—Your Cost**..... **\$1.75**

**DRILL BLOCK**, durably made. Non-corrosive metal; dull nickel finish. Block holes drilled and reamed, not punched. Shpg. wt. 6 lbs.

**P14708—Your Cost**..... **95c**

**ASSORTMENT 9 Drills**; sizes 1/8" to 3/8". Good steel; fast cutting. In wood box. Shpg. wt. 2 lbs.

**P14709—Your Cost**..... **33c**

Same assortment; paper wrapped. **P14710—Your Cost**..... **29c**

## G. M. Co. Geared Chuck



7 to 1 geared chuck to use drills up to 1/2" in your small electric drill. Gearing increases power. Drive rod fastens like drill into

chuck. Shpg. wt. 4 lbs. **P14698**

**Your Cost**..... **\$4.25**

# Buy Tools NOW at These Low Prices

## Open End Wrench Set



Five open end stamped wrenches that will hold the following openings:  $\frac{1}{2}$ ",  $\frac{3}{8}$ ",  $\frac{1}{2}$ ",  $\frac{5}{8}$ ",  $\frac{3}{4}$ " and 1". Bright cadmium plated with machine screw and a large knurled head to hold wrenches together. Shpg. wt. 2 lbs.

**P15144—Your Cost... 35¢**

## Open End Wrench Set

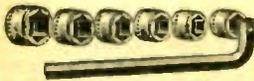


Every mechanic or automobile owner needs a good set of wrenches that will stand a great deal of pressure and abuse without breaking or bending.

Set of six drop forged, open end wrenches with the following openings:  $\frac{1}{2}$ ",  $\frac{3}{8}$ ",  $\frac{1}{2}$ ",  $\frac{5}{8}$ ",  $\frac{3}{4}$ " and 1". Bright cadmium plated. Red enameled holder with spring catch. An excellent value. Shpg. wt. 3 lbs.

**P15143—Your Cost... 75¢**

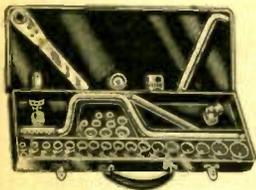
## Socket Wrench Set



Made of cadmium plated steel. Contains one each of the following sockets:  $\frac{1}{2}$ ",  $\frac{3}{8}$ ",  $\frac{1}{2}$ ",  $\frac{5}{8}$ ",  $\frac{3}{4}$ " and 1". Complete with wrench, and metal container. Shpg. wt. 2  $\frac{1}{2}$  lbs.

**P15080—Your Cost... 39¢**

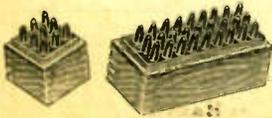
## 36 Piece Heavy Duty 12 Point Universal Wrench Set



A very complete set of socket wrenches for use in industrial plants and machine shops as well as garages. Several hundred different combinations are possible with this set. Made from the finest quality selected steel, heat treated and hardened. Bright finish cadmium plated. Set consists of the following 12 point sockets:  $\frac{1}{2}$ ",  $\frac{3}{8}$ ",  $\frac{1}{2}$ ",  $\frac{5}{8}$ ",  $\frac{3}{4}$ ",  $\frac{1}{2}$ ",  $\frac{3}{8}$ ",  $\frac{1}{2}$ ",  $\frac{5}{8}$ ",  $\frac{3}{4}$ ",  $\frac{1}{2}$ ",  $\frac{3}{8}$ ", and the following square sockets:  $\frac{1}{2}$ ",  $\frac{3}{8}$ ",  $\frac{1}{2}$ ",  $\frac{5}{8}$ ",  $\frac{3}{4}$ ",  $\frac{1}{2}$ ",  $\frac{3}{8}$ ",  $\frac{1}{2}$ ",  $\frac{5}{8}$ ",  $\frac{3}{4}$ ",  $\frac{1}{2}$ ",  $\frac{3}{8}$ ", and 1". Also one of each of the following: long speeder, ratchet handle, short extension, long extension, universal joint, valve grinder and ell handle. Complete set is packed in a heavy gauge steel box, 19x7x1  $\frac{1}{2}$ ". Finished in baked olive green enamel with brass trimmings. All seams are electrically welded. This set is an exceptional value at the low price quoted and again proves our ability to offer the greatest values for the least money. Shpg. wt. 11 lbs.

**P15174—Your Cost... \$5.25**

## Steel Letter and Figure Set



Marks metal, leather, wood, etc. Very handy for marking your tools. Complete alphabet and numerals 0 to 9. Shipping weight 7 lbs.

**P14977—Your Cost... \$1.49**

## Official Scout Axe



Selected by Boy Scouts of America, as official because its design and quality of steel makes it one of the finest hand axes ever made. Head cannot come off, and handle cannot loosen or break. Strong, safe, keeps cutting axe, and the inlaid second growth hickory scales give perfect grip. Shipping weight 3 lbs.

**P15070—Your Cost... \$1.25**

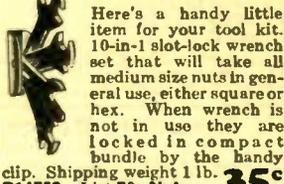
## Offset Box End Wrenches



Box or closed end wrenches that will not slip off the nut or bolt head while using. Six wrenches with the following twelve hexagon broached openings:  $\frac{1}{2}$ ",  $\frac{3}{8}$ ",  $\frac{1}{2}$ ",  $\frac{5}{8}$ ",  $\frac{3}{4}$ " and 1". Bright cadmium plated with stud and wing nut to hold wrenches. Shpg. wt. 3 lbs.

**P15145—Your Cost... 65¢**

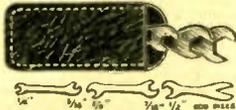
## Wrench Set



Here's a handy little item for your tool kit. 10-in-1 slot-lock wrench set that will take all medium size nuts in general use, either square or hex. When wrench is not in use they are locked in compact bundle by the handy clip. Shipping weight 1 lb.

**P14732—List 70c Net... 35¢**

## End Wrench Set



A handy pocket set for repair men, auto and radio mechanics, electricians, etc. Ideal for adjusting nuts in small spaces. Set consists of 3 double end wrenches and genuine leather case. Sizes are  $\frac{1}{2}$ ",  $\frac{3}{8}$ ",  $\frac{3}{4}$ ",  $\frac{1}{2}$ ",  $\frac{3}{8}$ " and odd sizes. Shpg. wt. 8 oz.

**P15081—Your Cost... 15¢**

## Platinum Point File



This is a special fine cut file designed for spark plugs or coils. Shpg. wt. 1 lb.

**P15073—Your Cost Each... 9¢**

## Metal File Handle



Japanned. Will fit all sizes of files. Will take any type of tool with a shank less than  $\frac{3}{8}$ ". Set screw holds tools rigid. Shpg. wt. 1 lb.

**P15042—Your Cost Each... 9¢**

## Wood File Handles



Polished hardwood, fitted with a brass ferrule. Shpg. wt. 1 lb.

**P15043—Your Cost Each... 5¢**

## Can't-Rol Center Punch



Made of exceptionally tough, swaged Carbon Steel. Heads and points are polished and the grip is knurled.  $\frac{3}{8}$ " point.

**P14999—Your Cost Each 10¢**

## Radio 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  $\frac{3}{8}$ ". Shipping weight 8 oz.

**P15065—Your Cost Each 20¢**

## Crucible Steel Files



These files are made of best crucible steel and tempered. State length desired.

**P15033—Mill Bastard Files**  
Length... 6 in. 8 in. 10 in.  
Cost Each... 9c 11c 16c  
Six For... 49c 62c 90c

**P15034—Flat Bastard Files**  
Length... 6 in. 8 in. 10 in.  
Cost Each... 11c 16c 21c  
Six For... 62c 90c \$1.20

**P15035—Half-Round Bastard Files**  
Length... 6 in. 8 in.  
Cost Each... 11c 20c  
Six For... 62c \$1.45

**P15036—Round Bastard Files**  
Length... 4 in. 6 in. 8 in. 10 in.  
Cost Each... 7c 11c 14c 17c  
Six For... 39c 62c 80c 95c

**P15037—Regular Taper Files**  
Length... 5 in. 6 in. 8 in.  
Cost Each... 9c 11c 16c  
Six For... 49c 62c 90c

**P15038—Slim Taper Files**  
Length... 4 in. 5 in. 6 in.  
Cost Each... 7c 8c 9c  
Six For... 40c 45c 53c

**P15039—Extra Slim Taper Files**  
Length... 4 in. 5 in. 6 in.  
Cost Each... 8c 8c 9c  
Six For... 45c 45c 53c

## Motor Arbors

Arbors fit directly on to shaft of any small motor in place of pulley. Equipped with flange and locking nut to hold grinding wheels, saws, etc. Has  $\frac{1}{4}$ " chuck, with three hardened jaws. Shpg. wt. 2 lbs.

Stock No.	Unit No.	Motor Bore	Your Cost
P15095	495	$\frac{1}{4}$ "	45c
P15096	490	$\frac{3}{8}$ "	60c
P15097	490-A	$\frac{1}{2}$ "	60c
P15098	490-B	$\frac{5}{8}$ "	60c

## Alligator Wrench



Drop forged steel. For square or hex. nuts  $\frac{1}{4}$ " to  $1\frac{1}{8}$ ". Has three die openings in center, sizes  $\frac{1}{8}$ ",  $\frac{3}{8}$ " and  $\frac{1}{2}$ ". Length 8". Shipping weight 1  $\frac{1}{2}$  lbs.

**P14937—Your Cost Each... 49¢**

## Angle Wrenches

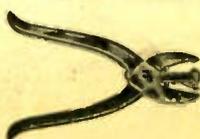


Adjustable angle wrenches of high quality drop forged steel. Full polished cadmium plated. Shpg. wt. 2 lbs.

**P15141—6" Your Cost... 45¢**

**P15142—8" Your Cost... 59¢**

## Rivet-O-Punch



Punches holes—fastens rivets, in leather, fibre, paper or canvas. Can be used to make solderless lugs, etc. Complete with box of brass eyelets. Shpg. wt. 1 lb.

**P15046—List \$2.00 Your Cost... 59¢**

## "Stix-on" Wrench



A patented wrench that fits all nuts from  $\frac{3}{8}$ " to  $1\frac{1}{8}$ ". Jaw swings open to take nut, pressure on handle produces vise-like grip. Tempered steel construction. Shipping weight 1 lb.

**P14936—Each... 15¢**

## Tap Wrench



Highest quality carbon tool steel, oil tempered. The hardened, perfectly fitting jaws will take up to  $\frac{1}{4}$ " tap. Meet properly; open easily. Shpg. wt. 2 lbs.

**P14714—Your Cost... 25¢**

## Auto or Monkey Wrench



Every mechanic, householder, automobile owner needs a wrench of this type in his tool kit. Fine quality drop forged wrench. Dark rustproof finish. Jaws open up to 3" wide. Wrench is 9" long. Shpg. wt. 3 lbs.

**P15140—Your Cost... 25¢**

# PAINTERS' SUPPLIES

## Do Your Own Interior Decorating

### KNIVES and SCRAPERS

**Extra Quality Putty Knives**



Super-Hydex-Steel, rosewood or black walnut handle. Blade 1 1/4" wide. Shpg. wt. 1 lb.  
**P15570—Stiff** ..... **35c**  
**Your Cost** .....  
**P15569—Elastic** ..... **39c**  
**Your Cost** .....

**Putty Knives**

Fine quality steel with beechwood handle and two rivets. Blade 1 1/4" wide. Shpg. wt. 1 lb.  
**P15572—Stiff** ..... **19c**  
**Your Cost** .....  
**P15571—Elastic** ..... **22c**  
**Your Cost** .....

**Linoleum Knife**



Sharp pointed knife used by linoleum layers and others requiring a fast cutting knife. Blade 3 3/4" long. Shpg. wt. 1 lb.  
**P15550** ..... **35c**  
**Your Cost** .....

**Casing and Corner Knives**



A real high quality casing knife with smooth blade, nickled frame, closed ferrule and fibre finish handle riveted. Shpg. wt. 1 lb.  
**P15549—1 1/2"** ..... **59c**  
**Your Cost** .....  
**P15548—2"** ..... **62c**  
**Your Cost** .....

**Bronze Weather Stripping**



Everyone recognizes the need of weather-stripping all doors and windows in the home. It is very easily done when using this bronze metalite stripping, only a small hammer and an ordinary pair of scissors is needed. This springy bronze metal strip effectively prevents the escape of heat from the room and the entrance of cold air from outside. This stripping is of the finest quality obtainable, with double hemmed edges, and will retain its springiness far longer than the ordinary kind. This springiness is essential if an airtight joint is to be maintained. Packed in two sizes of rolls 50 ft. and 100 ft. complete with nails. Shpg. wt. 50 ft. roll 4 lbs.; 100 ft. roll 8 lbs.

Cat. No.	Width Inches	50 Ft.	100 Ft.
P15567	3/4"	\$1.05	\$1.95
P15566	1"	1.15	2.15
P15565	1 1/2"	1.45	2.70

**Paperhangers' Knives**



Two types—round point and square point. Both with specially thin ground blades 3 3/8" wide. Shpg. wt. 1 lb.  
**P15547—Round point**  
**P15546—Square point**  
**Your Cost Either Type** ..... **32c**

**Extra Quality Painters' Scrapers**



3 1/2" Blade is of the finest selected steel and has a clip point. Handle of genuine black walnut fastened with two brass rivets and bolster. An exceptional value at price quoted. Shpg. wt. 1 lb.  
**P15578—Elastic**  
**P15577—Stiff**  
**Your Cost Either Type** ..... **75c**  
 Same as above but without bolster.  
**P15576—Elastic**  
**P15575—Stiff**  
**Your Cost Either Type** ..... **50c**

**Painters' Scrapers**

Fine quality blade with beechwood handle. Clip point blade. 3 rivets, no bolster. Stiff only. Shpg. wt. 1 lb.  
**P15573—3"** ..... **39c**  
**Your Cost** .....

**Combination Square and Level**



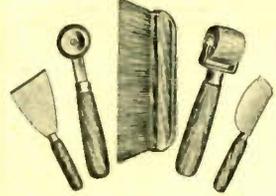
12" square with level. Polished blade is graduated on both sides in 8ths and 16ths. Red enameled head with ground and polished faces. Fully polished and knurled set screw. Shpg. wt. 3 lbs.  
**P15551—Your Cost** ..... **90c**

**Handy Coil Spring Assortment**



This handy assortment contains 100 compression and extension springs, with tensions from 1 oz. to 25 lbs. These springs are most useful in the garage, factory, work-shop, home-crafters, etc. Shipping weight 3 3/4 lbs.  
**P14715—**  
**Your Cost Per Set** ..... **\$1.25**

### Household Wall Paper Tool Kit



A complete kit for the householder that wants to hang his own wall-paper. Consists of fine quality Brush, Scraper, Seam Roller, Casing Knife and Square Point Knife. Shpg. wt. 4 lbs.  
**P15568—Your Cost** ..... **98c**

**Household Trimmer Outfit**



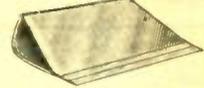
Simplifies the trimming of wall paper for the novice and prevents getting ragged edges. Practical and will do good work. Consists of laminated straightedge, Standard Trimmer and a zinc strip. Straight-edge bound with non-rusting steel. Shpg. wt. 10 lbs.  
**P15579—Length 6 ft.** ..... **\$4.95**  
**Your Cost** .....

**Paperhangers' Straightedge**



Extra quality straightedge bound with heavy flat non-rusting steel strips. Five piece lamination. Shpg. wt. 1 lb.  
**P15556—6 ft.** ..... **\$2.45**  
**Your Cost** .....

### Painters' Time Savers



With this tool it is easy to prevent smearing paint or varnish on wall paper or glass, etc. A very practical tool. Shpg. wt. 1 lb.  
**P15551—Your Cost** ..... **22c**

**Seam Rollers**



Nickel plated frame and ferrule, fibre finish handle. Oval or flat face. 1" wide. Shpg. wt. 1 lb.  
**P15555—Oval**  
**P15554—Flat**  
**Your Cost Either Type** ..... **40c**  
 Same as above, but 2" wide.  
**P15553—Oval**  
**P15552—Flat**  
**Your Cost Either Type** ..... **52c**

**Crack Filler**



Mecco Crack Filler is a specially prepared plaster for filling cracks in walls and ceilings. Easily used and will not fall out. Shpg. wt. 2 lbs.  
**P15574—1 lb. can**  
**Your Cost** ..... **19c**

**Sandpaper**



A handy package of sandpaper in assorted grits. 20 sheets to a package. Shpg. wt. 1 lb.  
**P15563—**  
**Your Cost** ..... **9c**

**Emery and Aluminum Oxidized Cloth**

Six sheets of assorted grits in a handy household package. Excellent for polishing rusted metals, etc. Shpg. wt. 1 lb.  
**P15564—Your Cost** ..... **9c**

## Wire Bristle Brushes

**Long Handled Wire Brush**



Especially adapted for cleaning iron work, figured pattern work, etc. Very handy for getting into corners and difficult places to reach. 3 by 21 rows of 1 1/2" wire bristles. Shpg. wt. 4 lbs.  
**P15562—Your Cost** ..... **14c**

Same as above but with 4 by 18 rows of 1 1/2" wire bristles. Shpg. wt. 5 lbs.  
**P15561—Your Cost** ..... **22c**

Similar to above but especially designed for cleaning motors, batteries and removing rust, etc. 3 by 13 rows of 1 1/2" bristles. Length 14". Shpg. wt. 5 lbs.  
**P15560—**  
**Your Cost** ..... **10c**

**Wire Varnish Removing and Cleaning Brushes**

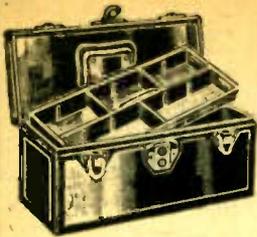


For removing varnish, paint, etc. Block is 7x3". 9 by 12 rows of wire bristles 1 1/2" long. Shpg. wt. 5 lbs.  
**P15559—Your Cost** ..... **33c**

**Shoe Handle Wire Brush**

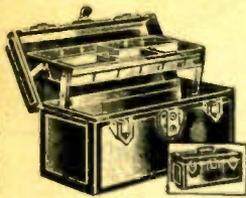


Best suited for cleaning pipes, and painted surfaces where a narrow brush is required. 4 by 16 rows of 1 1/2" bristles. Shpg. wt. 4 lbs.  
**P15558—**  
**Your Cost** ..... **18c**



*Utico*  
**Steel Tool Boxes**  
**The "Utility"**

A mechanic's tool box, fishing tackle box, valuable paper box, for household tools and a dozen other purposes. Has loose tray with movable partitions. Heavy steel, beautifully finished in olive green. Matched hardware. Size 14x6½x6". Shipping weight 6 lbs.  
**P14870—Your Cost ..... 79¢**

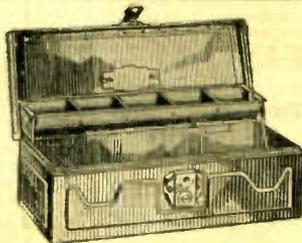


**The "Craftsman"**

Has cantilever tray that pulls into position when box is opened—all contents handy to get at. Made of heavy gauge, cold rolled steel with electric welded flush seams. Finished in especially hard baked enamel, olive green in color. Has permanent embossed rule on cover. Movable tray partitions. Matched hardware with lock and key. Size 14x6½x6". Shipping weight 7 lbs.  
**P14871—Your Cost Each... 95¢**

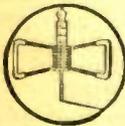
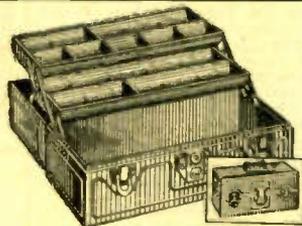
**The "Master"**

Can be used as—Tool Box; Tackle Box or as a Cash and Bond Box. Special cantilever tray has rounded bottom and can be released from mechanism and be lifted out by hand or can be removed entirely and used separately. Size 13½x4½x6¾". Olive green finish. Shpg. wt. 3 lbs.  
**P15154—Your Cost... 59¢**



**The "De Luxe"**

TWO DOUBLE Trays with cantilever action. Particularly suited for use as tackle box or any outdoor use, it is carefully waterproofed. Embossed rule on cover to measure fish, etc. Removable tray partitions. Sturdy catches and lock with key. Size 13½x6½x6¾". Green finish. Shpg. wt. 4 lbs.  
**P15153—Your Cost ..... \$1.29**



**Door Closer**

Made of steel with nickel finish. Closes door instantly, no screws, no nails, placed on hinges. May be

had in three sizes: Large for exterior door, Medium for house and office door, Small for screen and light doors. Shpg. wt. 8 oz.  
**P14830—Your Cost ..... 20¢**  
**Your Cost per Dozen ..... \$1.95**

**U.S. Brass Weather Vanes**

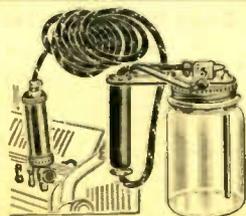


All brass construction with ball bearings. Red arrow and compass points assure easy visibility. Absolutely cannot rust and bearings are weather-proof. Lasts a lifetime. Shpg. wt.:

18"—5 lbs;	24"—11 lbs.		
Cat. No.	Size	Cost	
P15155	18"	\$3.00	
P15156	24"	4.95	

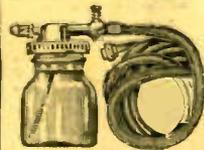
**Power Sprayer**

This compact Power Sprayer is made to operate from the spark plug of any automobile or auto-truck. Is especially suitable for use in paint shops, garages, general repair work, and all shops requiring a compact sprayer of this size and type. It will spray lacquer, paint, varnish, shellac insecticide, in fact any other finely mixed freely flowing mixture or fluid. Is furnished complete with sprayer, pint jar container, spark plug air check valve, compression tank, a set of adapters for all sizes of sparkplugs, and 12 feet air hose. Shipping weight 11 lbs.  
**P14704—List \$7.50—Your Cost Complete ..... \$3.25**



**Handy Sprayer**

Ideal for touch-up or complete job with light paint, Duco or Lacquer. Air pressure supplied by any automobile tire. Complete with glass jar, 6 ft. of hose, and adjustable spray tip. Designed to operate perfectly with very low pressure, will spray approximately four jars from one tire containing 35 lbs. pressure. Shipping weight 5 lbs.  
**P14705—List, Complete \$1.25**  
**Your Cost ..... 69¢**



**POLISHING WAX**



**SHUR-GLOSS**  
**No Rubbing**

Something entirely different in a floor wax—it requires no rubbing. Specially developed for use on all types of floors—wood, linoleum, rubber block, etc., does not contain materials injurious to composition floorings such as rubber blocks. For an extra high polish it can be rubbed.



Cat. No.	Size	Shpg. Wt.	Cost	Cat. No.	Size	Shpg. Wt.	Cost
P15168	Pint	2 lb.	\$0.36	P15170	½ Gal.	6 lb.	\$1.10
P15169	Quart	4 lb.	.60	P15171	Gal.	11 lb.	2.10
P15172—Cotton Yarn Floor Wax Applicator.							
<b>Your Cost.....</b>							<b>35¢</b>

**PASTE AND LIQUID WAXES**

BEEBE Paste and Liquid waxes contain a very high percentage of hard Carnauba wax which makes these products go further and last far longer than ordinary waxes. For Autos either the Paste or Liquid wax can be used and will provide an exceptionally fine and long lasting finish. These waxes are also suitable for any type of finished woodwork and are particularly recommended for use on fine furniture.

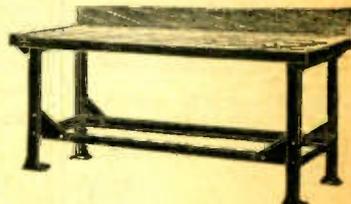
Paste				Liquid			
Cat. No.	Size	Shpg. Wt.	Cost	Cat. No.	Size	Shpg. Wt.	Cost
P15160	½ Lb.	1 lb.	\$0.19	P15164	Pint	2 Lb.	\$0.30
P15161	1 Lb.	2 Lb.	.30	P15165	Quart	3 Lb.	.54
P15162	2 Lb.	3 Lb.	.54	P15166	½ Gal.	5 Lb.	1.00
P15163	4 Lb.	6 Lb.	1.05	P15167	Gal.	9 Lb.	1.95

**FREE!**

This serviceable and handy floor wax Applicator with every order amounting to Five Dollars or more. Made of cotton yarn with long broom handle.



**"Lamco" Work Bench**  
**Strongly Built**  
**for Garage, Shop or Home Use**

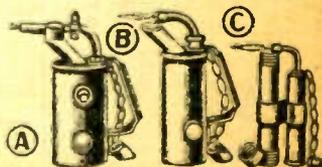


An excellent bench for use by the radio serviceman. It is sturdy made and will not wobble. At this low price it does not pay to try to build your own bench. Sub-structure made of 1½x1½" Angle-Iron securely arc welded for rigidity. Stringers are inverted to allow for nesting in of lower shelf. Fastener plates at corners for additional firmness. Slotted foot rest for anchoring to floor. Top made of 2" kiln-dried Douglas Fir, vertical grain. Size 24x60" top; 31" high. Delivered knocked down. Shipping weight 80 lbs.  
**P14942—Your Cost Each..... \$10.75**

**LENK Torches**  
**[Automatic]**

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 7x4¼x3". Shipping weight 4 lbs.  
**List \$5.00**  
**P14866—Your Cost \$3.25**



**Type B:** Almost as large as type A, holds enough fuel to burn 3 hours with one filling. Starts in 20 seconds. Ideal for heating soldering iron where no current is available. Size 7x3¼x2". Shipping weight 3 lbs.  
**P14867—Your Cost \$2.10**

**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 6¼x2¼x1¼". Shipping weight 2 lbs.  
**List \$1.50**  
**P14868—Your Cost 98¢**

**Type D:** (not illustrated) Same in appearance as Type C; smaller in size. Very suitable for those who have only occasional use for a torch. Size 5¼x2¼x1". Shipping weight 2 lbs.  
**P14869—Your Cost Each..... 80¢**

# Auto Accessories

## Genuine SCHRADER Valve Insides



Accepted everywhere as a standard of excellence. At our extremely low price you should have an ample stock on hand at all times. Shpg. wt. 1 lb.  
**P15590—Box of 5. 20¢**  
**Your Cost**

## SCHRADER Valve Caps



A new and improved Schrader tire valve cap. Guaranteed airtight up to 250 lbs. For straight or angle valves. Shpg. wt. 1 lb.  
**P15586—For angle valves. 20¢**  
**Your Cost**  
**P15585—For straight valves. 20¢**  
**Your Cost**  
**Box of 5**

## SCHRADER Balloon Tire Gauge



A tire gauge you can depend upon. Absolutely accurate and quick reading. Indicates single pounds from 10 to 60. Slip out type. Can be used on any type wheel. Complete with leatherette case. Shpg. wt. 1 lb.  
**P15588—Your Cost 95¢**

## U. S. Tire Gauge

Open face dial—easy to read. 1 to 80 lbs. Clear unbreakable crystal. With case.  
**P15580—Shpg. wt. 1 lb. 85¢**  
**Your Cost**

## KING-BEE Accelerator Pedal

Supports entire foot and heel. One model fits all cars and has heavy rib rubber mat with aluminum frame. Shpg. wt. 2 lbs.  
**P15587—Your Cost 59¢**



## KING-BEE Pneumatic Sponge Rubber Pedal

The softest and most restful accelerator pedal made. Just like placing your foot on a pillow. Action is smooth and easy. Sole-shaped sponge rubber cushion on a polished aluminum plate. Shpg. wt. 2 lbs.  
**P15595—Your Cost \$1.25**

## Double Service Spoke Brushes

Brush made of the finest quality Tampico fibre and black Chungking bristle. Cloth tip prevents scratching. Shpg. wt. 1 lb.  
**P15679—Your Cost 25¢**

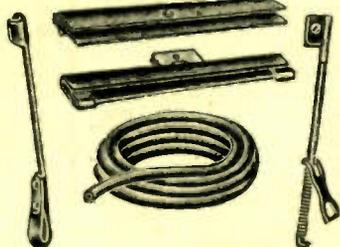
## Genuine TRICO Automatic Windshield Cleaner Motors



These are the latest model TRICO cleaners and are finished in a beautiful black baked-on enamel. Shpg. wt. 2 lbs.  
**P15596—Motor only to fit most type cars. (Interior Type). Your Cost \$2.75**  
**P15595—Motor only to fit most type cars. (Exterior Type). Your Cost \$2.75**  
**P15594—Motor only to fit exterior Chevrolet 1929-30-31. Your Cost \$2.35**  
**P15593—Motor only to fit Model A Ford. Specify year. \$2.75**

## TRICO Windshield Wiper Parts

These genuine Trico wiper parts are well made and will give lasting satisfaction. Blades are of heavy rubber and all metal parts on blades and frames are parkerized to prevent rusting. Shpg. wt. approx. 1 lb.  
**P15589—5-ply wiper blade, 7 1/2". 25¢**  
**Your Cost**  
**P15590—Spring arm with patented spring feature. 65¢**  
**Your Cost**  
**P15591—Spring arm with spring and retainer. 20¢**  
**Your Cost**  
**P15592—Windshield cleaner hose 7 ft. long. 25¢**  
**Your Cost**



## MOTORLEVER Brake Lever Extension

No longer need you crouch under the dash for your emergency brake lever. Bring it up within easy reach with this easily attached extension. Sturdily made of heavy gauge steel with a polished black bakelite handle. Attaches securely and does not rattle. Shpg. wt. 2 lbs.  
**P15592—Motorlever Extension handle. \$1.25**  
**Your Cost**



## HUB CAPS FOR ALL CARS

Many otherwise beautiful cars have their appearance spoiled by dented and marred hub caps. Replace them with these well made caps. Heavy gauge metal highly polished and guaranteed to fit all wood and disc wheels. Easily put on. Shpg. wt. 2 lbs.

Cat. No.	Model	Your Cost Each
P15601	Buick Master Six to 1929	\$0.35
P15602	Buick Standard Six to 1929	.35
P15617	Buick, 1930-32, Wire Wheel	1.10
P15603	Chevrolet, 1924-28	.09
P15604	Chevrolet, 1929-30	.25
P15605	Chevrolet, 1931-32	.40
P15606	Chrysler, 60 and 70, 1924-26	.35
P15607	Chrysler, 65, 75, Early 66	.45
P15608	Dodge, All 1924-28	.30
P15618	Dodge 6, 1931-32	.45
P15609	Essex, All 6 cyl., 1928-29	.45
P15619	Essex 1930-31	.55
P15610	Ford "A", 1928-29	.09
P15611	Ford "A", 1930-31	.09
P15612	Ford "B", 1932	.40
P15613	Hudson, All 1924-28 Front and Rear	.50
P15614	Nash, All Light 6 and Ajax	.35
P15615	Plymouth, 1928-29	.35
P15620	Plymouth, 1930, Wire Wheel	.75
P15621	Plymouth, 1931-32	.75
P15616	Pontiac, All, to 1929	.30
P15622	Pontiac, 1931-32	.75
P15623	Oldsmobile, 1930-31	.85
P15600	De Soto, 1931	.85

**BOND Batteries supplied for any make car. Specify make, model and year when ordering.**

## New "DeLuxe" Fender Flaps



DeLuxe fender flaps made of solid molded rubber, inlaid with horizontal bars of chrome-plated metal to match other car ornaments. May be attached to fender by means of a specially made clamp which holds securely yet does not mar the car finish. These fender flaps may be adjusted to fit the shape of any fender. Shpg. wt. 4 lbs.  
**P15583—Your Cost per Pair \$1.85**

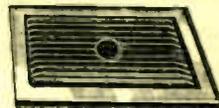
## Chrome-Trimmed Jeweled Fenderettes

A fender flap that will add smartness to any car. Made of heavy material with chrome trimming and decorated with bright sparkling jewels.



**P15584—Shpg. wt. 4 lbs. Your Cost Per Pair \$1.00**

## KING-BEE Step Plate



An especially fine looking aluminum step plate with a rubber insert. Flat type that is generally used on cars that already have kick plates. Shpg. wt. 5 lbs.  
**P15582—Your Cost 89¢**

## KING-BEE "Jeweled" Step Plate



A jewel inserted in this plate reflects the light from headlights of other cars and serves as a warning, protecting you from accidents. Frames are of chro-aluminum highly polished to a lasting finish. Heavy rubber insert. Shpg. wt. 5 lbs.  
**P15581—Your Cost \$1.30**

## Auto Fuses



Don't be caught out on a lonely road without a package of fuses. They cost little and do not take up much space in these convenient handy tins. Well made, reliable fuses in the following sizes: 5-10-15-20-25-30 amp. Packed five of one size to a tin.  
**L12375—Tin of 5. 14¢**  
**Your Cost**

**We Will Not Knowingly Be Undersold**

# AUTOMOBILE PARTS

## Polishes and Cleansers

### DUPONT No. 7 Auto Top Finish



A coating of this famous product will preserve the top, preventing leaks and deterioration of the top material. Dries quickly to a hard clean glossy surface which can be kept looking like new by means of an occasional "once over" with a soft dry cloth. Flows easily. Spread on with a soft brush. Use at least once a year. Maximum shpg. wt. 2 lbs.

P15645— $\frac{1}{2}$  Pint. **38¢**  
Your Cost.....

P15644—Per Pint. **65¢**  
Your Cost.....

### DUPONT Touch-Up Liquid



Nationally advertised—nationally known as the ideal black to use in all touching up of blemishes, scratches and cuts. Keep a can handy at all times to prevent rust and expensive repainting. Can be used on fenders or on car body. Five ounce can with brush in top. Maximum shpg. wt. 2 lbs.

P15647— $\frac{1}{2}$  Pint **38¢**  
Your Cost.....

P15646—Per Pint. **65¢**  
Your Cost.....

### Genuine DUPONT Body Polish



A genuine DuPont product especially prepared for use on Duco finishes. A liquid which when applied freely to the car body, brings out a rich shiny surface. Makes old cars look like new, and keeps new car finishes in the best of condition. After an application, when car gets dirty, rubbing with a soft dry cloth will restore the original lustre. Maximum shpg. wt. 4 lbs.

P15650—6 oz. can. **35¢**  
Your Cost.....

P15649—**65¢** P15948—**95¢**  
Pint can. Quart can.

### JOHNSON'S Auto Wax and Cleaner

Johnson's waxes and cleaning compound cleans and polishes in one operation. Maximum shpg. wt. 2 lbs.

P15637—Pint can, cleaner and polish. **60¢**  
Your Cost.....

P15636—4 oz. can Auto Wax. **28¢**  
Your Cost.....

Free Polishing cloth if you order both Johnson Products.



### Tumbler Polish

Car can be made to shine like new through the use of Tumbler polish, also good for floors. Maximum shpg. wt. 2 lbs.

P15640—Pint can. **59¢**  
Your Cost.....



### Haze Remover

Cleans surface to be polished.

P15639—12 oz. can. **59¢**  
Your Cost.....

### McALEER'S Body Polish

McAleer's polish is famous for cleaning and polishing in one operation. Preserves the finish of your car and adds a high gloss without the usual hard work. Maximum shpg. wt. 4 lbs.

P15641—6 oz. can. **29¢**  
Your Cost.....

P15642—Pint can. **59¢**  
Your Cost.....

P15643—Quart can **79¢**  
Your Cost.....



### Genuine Simonz Polishing and Cleaner

The world's most famous cleaner and polish. Use the cleaner first for removing dirt, oil film, etc. Then use the Simonz for polishing. Maximum shpg. wt. 2 lbs.

P15630—Simonz cleaner. **39¢**  
P15629—Simonz polishing wax.  
Your Cost (Either Type).....



### DOUBLE SCREW JACK

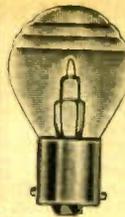
With this jack, changing a tire is an incident and not an accident. No more crawling in under your car to set the jack in place. No more car slipping off the jack. Just place the jack under the car by means of the long handle, then crank it up and your car rises easily into position to remove the tire. Max. height 12 $\frac{1}{4}$ ", capacity 1 ton. Ball bearing, high quality, smooth operation. Slips under car easily even if standing in a ditch. Shpg. wt. 7 lbs.

P15677—Your Cost. **\$1.55**



### Genuine MAZDA Auto Bulbs

Just as the name Mazda means quality on the lamps in your home, it means safety to you on the road. The best is always the cheapest in the long run, and you will have your Mazda lamps a long time before they need replacing. Uniform high quality of genuine Mazda auto bulbs is acknowledged everywhere. The heavy Tungsten filament in this bulb prevents breakage from vibration of your car even under the most adverse riding conditions. And one need have no fear of riding in the dark on country roads. The unique construction of circular ridges at the top of the lamp assure a perfect focus. Every bulb is carefully tested before shipment and guaranteed perfect. Shipping weight 1 lb.



Mazda No.	Candle-power	Voltage	Stock No.	Your Cost
63	3	6-8	L12654	\$0.03
64	3	6-8	L12655	.09
67	3	12-16	L12656	.16
81	6	6-8	L12657	.08
87	15	6-8	L12658	.14
1000	32-32	6-8	L12659	.17
1110	21-21	6-8	L12660	.16
1129	21	6-8	L12661	.16
1133	32	6-8	L12662	.18
1158	21-3	6-8	L12663	.19

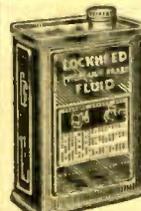
### Genuine 3-In-One Oil Best For Fine Machines



Genuine 3-in-1 oil is known around the world for its thousand and one uses. Particularly fine for use on the better and finer grade of machinery, to prevent corrosion and other deterioration. Lubricates all fine machinery, such as magnetos, sewing machines, typewriters, generators, etc. Shpg. wt. 1 lb.

P15633—3 oz. can. **24¢**  
Your Cost.....

### Genuine Lockheed Brake Fluid



The fluid used in Hydraulic brakes is responsible for their smooth and velvety action. Get the genuine. Nationally known, highest quality Hydraulic brake fluid. Recommended by leading car manufacturers and used as standard equipment. Shpg. wt. 4 lbs.

P15638—Your Cost. **75¢**

### Genuine Bijur Oil



Made especially for chassis lubrication to prevent corrosion and rust. Can be used at any season of the year due to its perfect consistency. Maximum shpg. wt. 4 lbs.

P15635—Bijur refills for Bijur systems. **38¢**  
Pint can. Your Cost.....

P15634—Qt. can. **69¢**  
Your Cost.....

### Motor-Kleen Carbon Remover

Even a powerful car has no pick-up when choked with carbon. Get rid of it! Motor-Kleen removes carbon and will not injure your car. Shpg. wt. 3 lbs.



P15628—Pint can. **70¢**  
Your Cost.....

### "X" Liquid Stops Radiator Leaks



A stop leak liquid that does the job. Repairs cracked water jackets and leaky radiators without injury. Maximum shpg. wt. 4 lbs.

P15632—For small radiators. **55¢**  
Your Cost.....

P15631—For large radiators. **90¢**  
Your Cost.....

### Clover Valve Grinding Compound



Can be divided into two parts, coarse on one side, fine in the other. Shpg. wt. 1 lb.

P15627—2 oz. can. **22¢**  
Your Cost.....

P15626—4 oz. can. **38¢**  
Your Cost.....

### "Pep" Water-Mixed Valve Grinding Compound



Never scores valves or valve seats. Acts quickly and cleanly. Now is the time to save money by grinding and re-seating the valves in your car. This compound makes the job simple and efficient. Shpg. wt. 1 lb.

P15625—2 oz. **26¢**  
Your Cost.....

P15624—4 oz. **39¢**  
Your Cost.....

# AUTO ACCESSORIES

## AC SPARK PLUGS



Nationally famous since automobiles have been built. Used universally. Save yourself trouble by installing a new set of plugs every 10,000 miles. You will get more miles per gallon with good plugs than with old ones. Shpg. wt. 1 lb. Specify name, year and model of car.

**P15680—45¢**  
Your Cost



## Kant Shock Spark Plug Tester

Not only shows missing plugs but those which are not firing well. Shows the intensity of the spark. Pencil type tester with gauge showing through the glass. Gives an accurate reading of spark plug performance. High quality throughout. Shpg. wt. 1 lb.

**P15676—Your Cost 29¢**



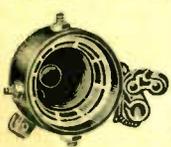
## Contact Points for Fords and Chevrolets

The heart of your car is its ignition system. Good contact points help. An extra set saves time and bother. Finest quality. Shpg. wt. 1 lb.

**P15658—For Ford A 1928-31 per pair. Your Cost 35¢**

**P15659—For Chevrolet 1929-31 per pair. Your Cost 65¢**

## Model T Ford Timer



To get all the power out of your engine the spark must be timed properly. Made for long life and hard usage. This timer never skips or misses. Roller brush of hardened steel. Fits all model Fords up to and including the 1927 model. Shpg. wt. 2 lbs.

**P15675—Your Cost 50¢**

## Keystone Air Cooled Radiator Cap For All Cars



This cap will greatly enhance the appearance of your car. Modernistic in design and heavily chrome plated. Tilts back on hinge top and closes with new clip type catch. When ordering specify name, year and model of car. Shpg. wt. 1 lb.

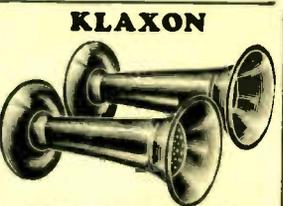
**P15660—Your Cost 1.10**

## AC Oil Filter Renewal Cartridge



The cartridge on your A. C. oil filter should be changed every 7000 miles to insure maximum efficiency. Can be easily changed in a short time. Just disconnect pipes and other fittings, loosen retaining straps and remove the old cartridge unit. Place the new cartridge in position, reattach fittings, reconnect pipes and tighten retaining straps securely. Shipping weight 3 lbs.

**P15661—Your Cost 1.50**



## KLAXON Matched Twin Chrome Horn

Straight taper unremovable chrome plated bugles with cadmium plated bell screen. These attractive horns have a soft yet warning note; absolutely waterproof, distinctively modernistic. The pleasing tone will command instant attention. These horns will add snap to the appearance of your car. Shpg. wt. 11 lbs.

**P15667—Your Cost 6.50**



## Glow-lite Cigar Lighter

Here is the newest design in cigar lighters. This lighter is of exceptional quality and is not to be confused with the many cheap toy lighters now on the market. It is easily and quickly mounted and will provide a convenience of long life. Will last as long as the car. Shpg. wt. 1 lb.

**P15671—Your Cost 75¢**



This is a very fine arrangement, combining mirror and clock in one unit. The clock is fitted into a 2 1/2 x 7" mirror which is made of heavy plate and is non-glare. The device mounts on the bracket of your present mirror. Shpg. wt. 3 lbs.

**P15663—Your Cost 1.95**

## Theft Proof Gas Tank Cap

A coil spring arrangement prevents the theft of either cap or gasoline. It comes in two sizes which fit any car with bayonet type filling hole. A money saving accessory. Shpg. wt. 1 lb.

**P15678—Your Cost 45¢**

## Genuine AC REMO Carbon Solvent Injector and Fluid

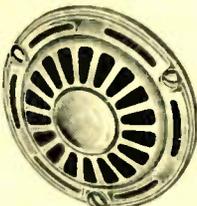


Prevents sticking valves and eliminates carbon. Easily installed by attaching to engine side of gas and running tubing of injector to intake manifold. Injector complete with can of fluid, all fittings, ready to attach. Shpg. wt. 5 lbs.

**P15664—Your Cost 2.75**

**P15665—REMO injector refill fluid. Shpg. wt. 1 lb. Your Cost 45¢**

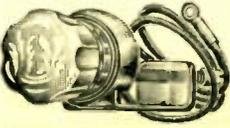
## KLAXON Flat Type Horn



Mounted on the headlamp bar this horn is never muffled by the fan or radiator. It is compactly built and nicely finished with a polished chromium plated front face. It has a clear penetrating note that meets every need of today's fast moving traffic. Suitable to city or country driving. Diameter 5 1/4". Shpg. wt. 4 lbs.

**P15666—Your Cost 1.25**

## Catalin Head Cigar Lighter



Handsome enough to mount in the best cars. Equip your car with one of these attractive lighters and save yourself burned fingers and upholstery. With this lighter you will always be able to light your cigar or cigarette regardless of the wind. Shpg. wt. 1 lb.

**P15656—Your Cost 1.75**

## Hinge Mirror



For complete safety a hinge-mirror is indispensable. This one is beautifully finished, 4" in diameter. Shipping weight 3 lbs.

**P15662—Your Cost 1.15**

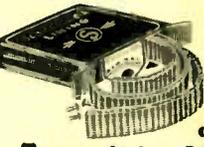


## V Type Fan Belts for Ford and Chevrolet

Made practically perfect by means of the toughest bias woven fabric, the expert construction and the best of material throughout. As nearly perfect as it is possible to make them. Shpg. wt. 2 lbs.

**P15669—Ford "A" 1928-31. P15668—Ford "B" 1932-4 cyl. P15670—Chevrolet 4, 1916-28. P15671—Chevrolet 6, 1929-32.**

**Your Cost 45¢**



## For Ford Model T Scandinavia Transmission Lining

Extra thick heavy weave lining. Wax oil treated asbestos for instant use. Treated for extra long life. Shpg. wt. 2 lbs.

**P15672—For Ford 1917-25. P15673—For Ford 1926-27.**

**Your Cost 1.30**



## Genuine Alemite and Zerk Fittings

There is no substitute for the original. Replace broken nipples and keep the lubrication system of your car in good condition. Made in five types. Shpg. wt. 1 lb.

**P15651—1/8 pipe thread, 90° elbow. Type A. Your Cost 16¢**

**P15652—1/8 pipe thread, 45° elbow. Type B. Your Cost 18¢**

**P15653—1/8 pipe thread, straight fitting. Type C. Your Cost 9¢**

**P15654—1/8 pipe thread, straight fitting. Type D. Your Cost 9¢**

**P15655—1/8 pipe thread, with 30° elbow. Type E. Your Cost 15¢**

**Your Cost 15¢**



## For Model A Genuine Sunnen Valve Lifter

Here is the newest and best valve lifter for the Model A Ford. It is made of the finest machine steel and is of the highest quality throughout. Makes valve lifting a simple and easy job even for the novice. Make your work easier by using a Sunnen Valve Lifter. Save your time and trouble. Thoroughly guaranteed. Shpg. wt. 2 lbs.

**P15674—Your Cost 95¢**

# Learn at Home to Make More Money



## Here's Proof

### \$50 to \$75 a Week

"The National Radio Institute put me in a position to make more money than I ever made in good times. I am in the Radio service business for myself, where it is possible for me to make from \$50 to \$75 a week. Service work has increased because people, who in normal times would buy a new Radio, now are contented to have the old one 'pepped up'." —BERNARD COEVA, 150 Franklin St., Brooklyn, N. Y.

### "Made \$6,000 in 2 Years"

"Soon after the depression started, I found myself without a job, but I was well protected with N. R. I. training. I swung right to full-time Radio servicing and I have made over \$6,000 in a little over two years." —WM. SPARTIVENT, Sparty Radio Service, 93 Broadway, Newark, N. J.

### "\$500 a Year in Spare Time"

"Although doing spare-time Radio work only, I have averaged about \$500 a year extra in addition to my regular income. Full-time Radio work would net me many times that amount." —EDW. H. FAWCETT, Slough Rd., Ledner, B. C., Canada.

### "Good Position, Good Pay"

"I am Chief Operator at Radio Station WSMK. This is a good position with good pay. I have advanced in Radio right along. I recommend N. R. I. to anyone who wants to be successful in Radio." —JOHN HAJDUK, JR., 3 Broxey Apts., Southern Hills, Dayton, Ohio.



Jobs in Broadcasting Stations are fascinating, interesting and pay well.

I'll train You Quickly for Radio's GOOD spare time and full time Jobs . . .

## Mail Coupon for FREE Information

Why slave your life away in a no-future job? Why skimp, why scrape trying to pay your bills? I'll train you quickly for a live-wire field—the field with a future—RADIO. \$40, \$60, \$75 a week—that's what many Radio Experts make. \$5, \$10, \$15 a week extra money—that's what many of my students make in their spare time shortly after enrolling. My free book tells you about Radio's spare-time and full-time opportunities—about my tested training—about my students and graduates—what they are doing and making. Get this book. Be a Radio Expert. The Radio field is big enough to absorb many more properly trained men.

## I'll train you for jobs like these

Spare-time and full-time Radio Servicing, Operating Broadcast, Aircraft Radio, Commercial Land, Ship and Television stations, a Radio service business of your own. I'll train you for these and other good jobs in the manufacture, sale and service of Radio, Sound and Television apparatus. My FREE book tells you about the many money-making opportunities in Radio.

## Save—learn at home in your spare time

You don't have to leave home and spend \$500 to \$1,000 to study Radio. I'll train you quickly and inexpensively right in your own home and in your spare time for a good Radio job. You don't need a high school or college education. Many of my successful graduates didn't even finish grade school. My amazingly practical 50-50 method of training—half with lessons, half with Radio equipment—gives you broad practical experience—makes learning at home easy, fascinating, practical and rapid.

## Turn your spare time into money

My book shows how my special training, instruction material, plans, ideas and my nineteen years experience training men for Radio careers help many students make \$200 to \$1,000 a year quickly in their spare time. My course is famous as "the one that pays for itself."

## Your money back if not satisfied

I'm so sure you will be satisfied with my training that I agree in writing to refund every penny of your money if you are not entirely satisfied with my lessons and instruction service when you finish.

## Find out what Radio offers you

Act today. Mail the coupon. My 64-page book will be sent free to any resident of the United States or Canada over 15 years of age. It tells about Radio's opportunities—explains the eighteen star features of my course—shows letters of what others are doing and making. There is no obligation. Mail the coupon.

J. E. SMITH, President

National Radio Institute, Department 3JF3

Washington, D. C.



Set servicing has paid many N. R. I. men \$200 to \$1,000 a year for their spare time. Full-time men make as much as \$40, \$60, \$75 a week.



Television, the coming field of great opportunities, is covered in my course.

## Some Other Jobs N.R.I. Trains Men For

- Broadcast Engineer.
- Operator in Broadcast Station.
- Aircraft Radio Operator.
- Operator of Airway Beacons.
- Service Man on Sound Picture Apparatus.
- Operator of Sound Picture Apparatus.
- Ship Operator.
- Service Man on Public Address Systems.
- Installation Engineer on Public Address Systems.
- Sales Manager for Retail Stores.
- Service Manager for Retail Stores.
- Auto Radio Installation and Service Man.
- Television Broadcast Operator.
- Set Servicing Expert.

## 28 MONEY MAKING HINTS FREE

In addition to my big free book, "Rich Rewards in Radio," I'll send you my valuable manual, "28 Tested Methods for Making Extra Money." Never before available except to students. Now, for a limited time, it is free to readers of this catalog. How to make a good battle for cone speakers, how to reduce hum in externally fed dynamic speakers, how to operate 25 cycle apparatus on 60 cycle current, how to operate 110 v. A. C. receivers on D. C., how to shield sets from local interference are five of the subjects covered. There are 23 others. Get this valuable book by mailing the coupon.



J. E. SMITH, President  
National Radio Institute,  
Washington, D. C.

**ACT TODAY**

Without obligating me, send me free your manual, "28 Tested Ways for making Extra Money," and your book, "Rich Rewards in Radio," which explains Radio's spare-time and full-time opportunities, and how I can train for them at home in spare time. Age . . . . .

NAME . . . . .

ADDRESS . . . . .

CITY . . . . .

STATE . . . . .

"JF"

## MAIL THIS for FREE book

# Special Christmas Gift Catalog

WILL BE SENT YOU IN AMPLE  
TIME FOR HOLIDAY BUYING

AS THE HOLIDAY SEASON approaches, all eyes are turned toward Christmas and the Big Question comes up, "What to buy for Christmas"!

Appreciating the difficulties which our tens of thousands of customers will have in selecting practical, worthwhile gifts on perhaps a curtailed budget, WHOLESALE RADIO SERVICE COMPANY wishes to announce that it will publish a SPECIAL CHRISTMAS SUPPLEMENT of exceptional Holiday Merchandise AND AT LOWEST WHOLESALE PRICES.

Chief among the features of this Christmas Supplement will be a complete line of Radios assembled especially for the Holiday Season . . . the latest, up to the minute sets at prices which will make buying a pleasure.

You'll find Electric Food Mixers, Electric Clocks, Violet Ray Outfits, Sun Lamps and Floor Lamps, Table Lamps, Fruit Juice Extractors, Flat Irons, Waffle Irons; Hot Plates and Grills, Flashlights, Water Heaters and a host of allied merchandise.

In addition you'll find a great array of toys with Lionel Electric Trains topping the List! In short—it will be the most complete book of its kind we have ever published.

We have found it impossible to include this great array of hand picked, special, Holiday Merchandise in this catalog because hundreds of the latest developments in Radio had to be added that this, our Catalog No. 55, might bring you the last word in Radio.

Do not place your orders for Christmas Goods until you have seen this great Book—until you have compared our low wholesale prices. If you CANNOT wait until this book is off the press—let us know your requirements and we will quote you promptly.

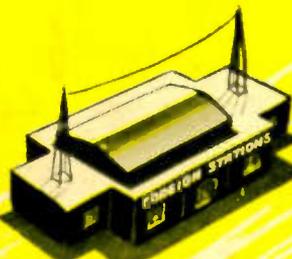
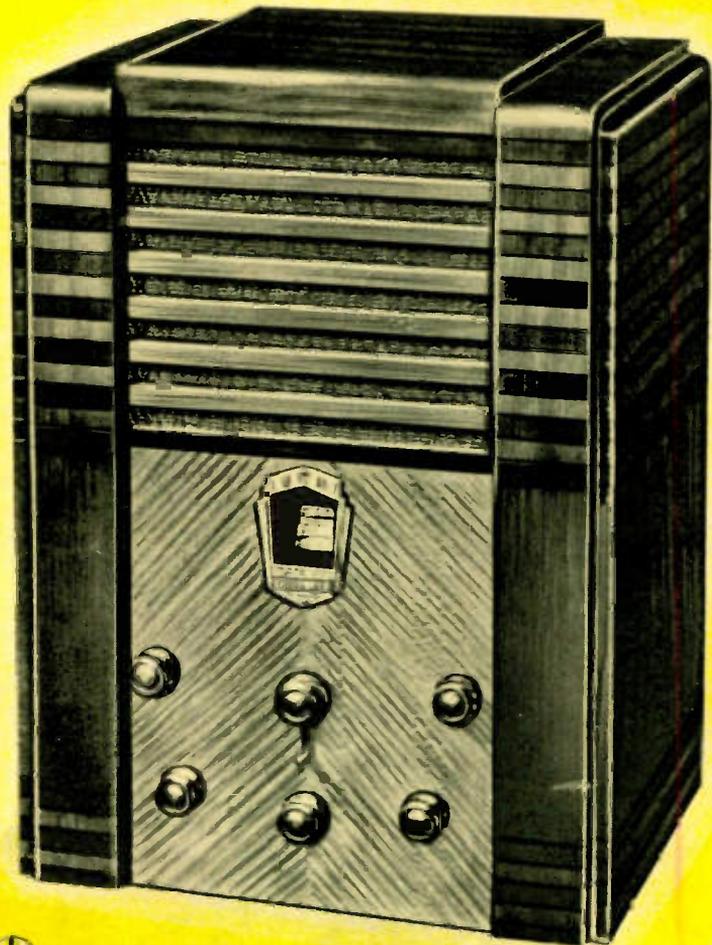
Remember that what you buy from WHOLESALE RADIO SERVICE COMPANY—whether it be Radios, Electrical Appliances, Automobile Accessories, Hardware or Toys—it is at the lowest wholesale prices—for now, as always, WE WILL NOT BE UNDERSOLD!



The World at Your Finger Tips with a  
*Lafayette* CUSTOM BUILT

**10 Tube  
DUAL WAVE  
SUPERHET**

For Full Details  
See Pages 8 and 9



**WHOLESALE RADIO SERVICE CO., INC.**  
**100 SIXTH AVE.**

**CORNER GRAND ST. (ONE BLOCK ABOVE CANAL) NEW YORK, N.Y.**

